

nchs MONTHLY VITAL STATISTICS REPORT

Final Data From the National Center for Health Statistics

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Advance Report of Final Mortality Statistics, 1982

Highlights

In 1982 a total of 1,974,797 deaths were registered in the United States, 3,184 fewer than in the previous year. The death rate for 1982 was 852.0 deaths per 100,000 population, down from the 1981 rate of 862.4. The 1982 death rate was a record low. The age-adjusted death rate fell to 553.8, the lowest age-adjusted rate ever reported in the United States. In 1982 life expectancy at birth continued its upward trend and reached a new high of 74.6 years, up from 74.2 years in 1981 and 73.7 in 1980. The data also show that males gained slightly more than females in the increase of life expectancy between 1981 and 1982. However, women still are expected to outlive men by an average of 7.3 years. While improvements were greater for the black population than for the white population, life expectancy at birth in 1982 was 5.8 years higher for the white population.

The first four of the 15 leading causes of death—Diseases of heart; Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (cancer); Cerebrovascular diseases (stroke); and Accidents and adverse effects—continued to account for almost three out of four deaths in the United States. The age-adjusted death rates for three of these four major causes declined between 1981 and 1982. The rate for Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues, increased. Two other leading causes also showed an increase in the age-adjusted death rates between 1981 and 1982—Suicide and Septicemia.

As in previous years, males experienced higher mortality than did females for each of the 15 leading causes of death. The greatest sex difference in mortality was for Homicide and legal intervention; the smallest, for Diabetes mellitus and Congenital anomalies. The black population had higher rates than the white population for most leading causes. The two exceptions to this general race differential included the age-adjusted rates for Chronic obstructive pulmonary diseases and allied conditions and Suicide, with rates of the black population being lower than those of the white population. The greatest race difference was for Homicide and legal intervention, for which

the age-adjusted rate was substantially higher for the black population than for the white population.

Infant mortality was at a new record low in 1982, but rates for the black population continued to be about twice those for the white population.

Deaths and death rates

In 1982 there were 1,974,797 deaths recorded in the United States, 3,184 fewer than in 1981. The death rate decreased to a record low in 1982, falling to 852.0 deaths per 100,000 population compared with 862.4 in 1981. Provisional data indicate that the rate for 1983 was 858.9, somewhat higher than that for 1982, but lower than that for 1981.

The age-adjusted death rate decreased to 553.8 in 1982, down from 568.2 deaths per 100,000 population in 1981. The decrease in 1982 continues the long-term downward trend in mortality in the United States, bringing the age-adjusted rate to a record low (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 the risk of death over a period of time when the

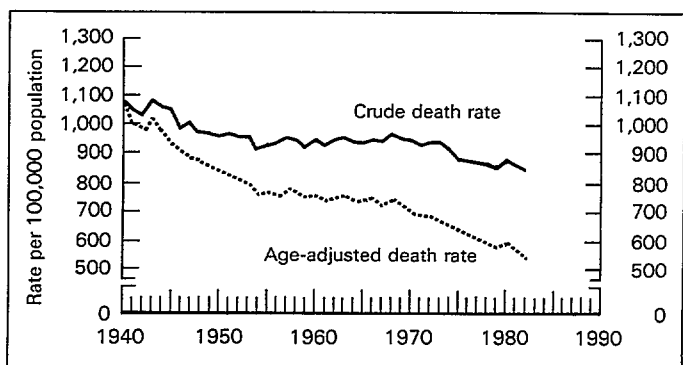


Figure 1. Crude and age-adjusted death rates: United States, 1940-82

distribution of the population by age is changing. They are also better indicators of risk when comparisons of mortality are being made for sex or race subgroups of the population that have different age compositions.

Death rates by age, race, and sex

Death rates for every age group of both sexes declined between 1981 and 1982 (figure 2). For males and females combined, the smallest decrease was for the age group 65–74 years (1 percent), while the largest declines occurred in the age groups 15–24 years and 35–44 years (6 percent each) (table A). For almost all age groups of both sexes the decline in death rates between 1981 and 1982 represents a continuation of the gen-

eral downward trend observed since 1950. Males 15–24 years of age have been the primary exception to this general decline in age-specific death rates. However, between 1980 and 1981, and again between 1981 and 1982, there was a substantial decline in death rates for this group.

Between 1981 and 1982 the age-adjusted death rate for males decreased 3 percent while that for females decreased 2 percent. However, as in 1981, the 1982 age-adjusted death rate for males was 1.8 times that for females. The age-adjusted death rate decreased 2 percent for the white population and 3 percent for the black population between 1981 and 1982. In 1982 the rate for the black population was 1.5 times that for the white population, the same as the ratio in 1981.

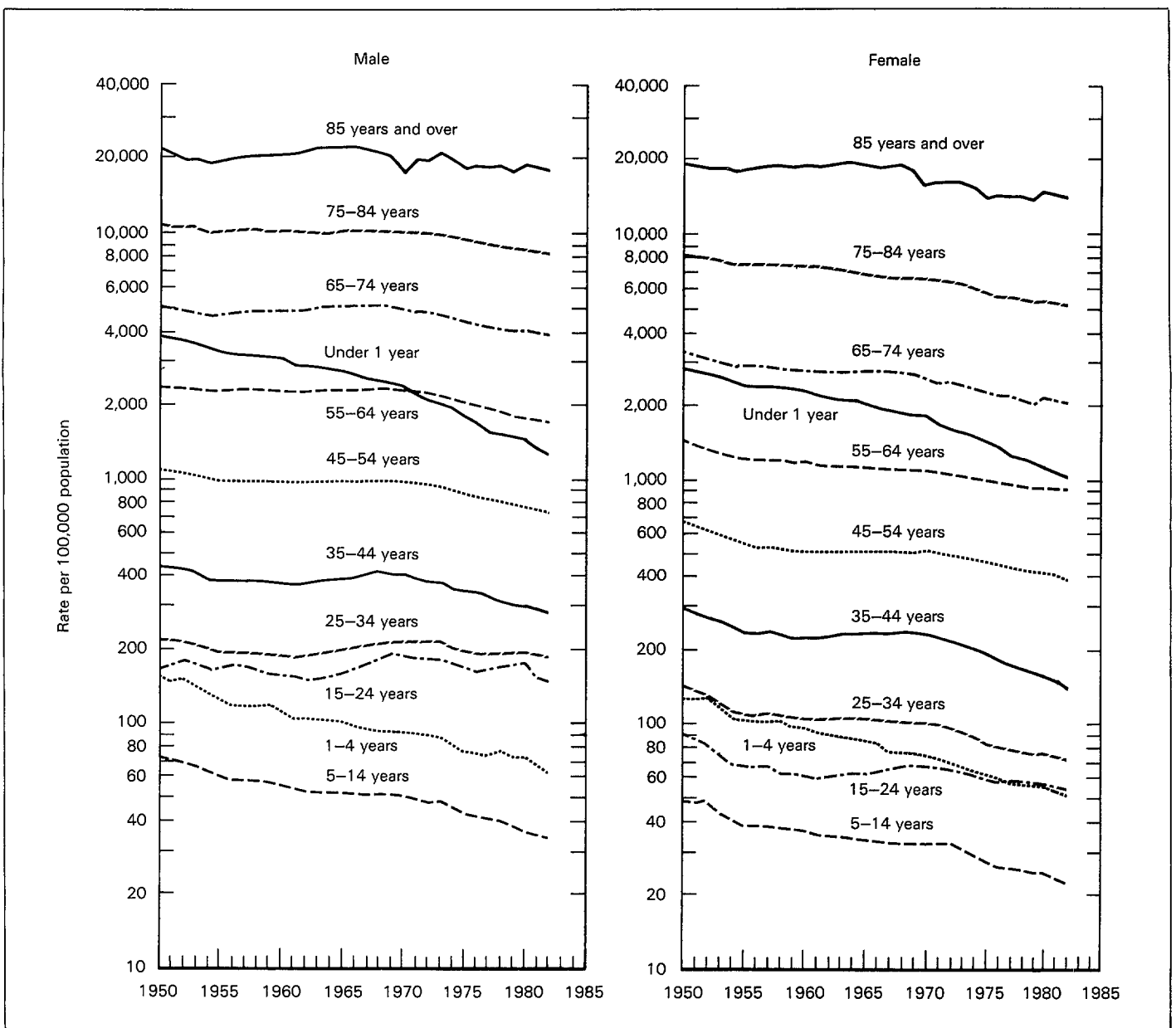


Figure 2. Death rates by age and sex: United States, 1950–82

Table A. Percent change in death rates between 1981 and 1982 by age and sex: United States

Age	Total	Male	Female
	Percent change		
All ages	-1.2	-1.7	-0.6
Under 1 year	-3.6	-3.0	-4.3
1-4 years	-4.3	-5.9	-2.3
5-14 years	-3.7	-4.5	-2.2
15-24 years	-5.7	-5.8	-5.8
25-34 years	-5.2	-5.3	-5.3
35-44 years	-6.3	-6.6	-5.7
45-54 years	-4.2	-4.2	-4.2
55-64 years	-1.8	-2.2	-1.2
65-74 years	-1.3	-1.6	-0.8
75-84 years	-1.6	-1.5	-1.5
85 years and over	-2.2	-2.0	-2.2

Expectation of life at birth and at specified ages

The average expectation of life at birth reached a record high of 74.6 years in 1982, up 0.4 year from 1981 (figure 3). This increase continues the general upward trend in life expectancy in the United States that was interrupted in 1980.

The expectation of life at birth for 1982 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 1982. In 1982 females could expect to live an average of 78.2 years compared with 70.9 years for males.

Between 1981 and 1982 life expectancy for males increased 0.5 year, slightly more than the gain for females, 0.3 year. The difference in life expectancy between the sexes, which was widening for many years, now appears to be decreasing. The difference was 7.3 years in 1982 and 7.5 years in 1981 and 1980 compared with 7.6 years in 1970 and 6.5 years in 1960.

Between 1981 and 1982 the black population showed an increase of 0.6 year in life expectancy, to 69.3 years, twice the increase of 0.3 year for the white population. Life expectancy for the white population was 75.1 years in 1982. In 1970 life expectancy for the white population was 71.7 years, while that for the black population was 64.1 years. The difference in life

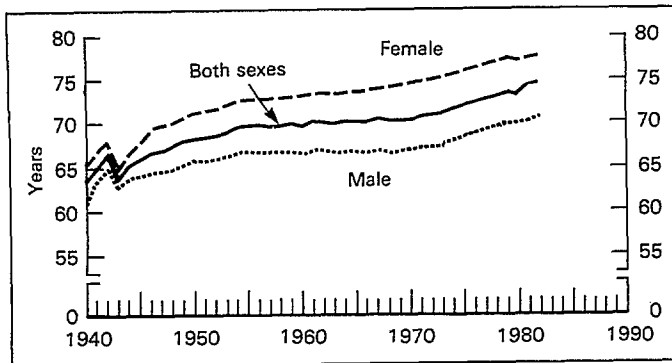


Figure 3. Life expectancy by sex: United States, 1940-82

expectancy between the white and black populations narrowed from 7.6 years in 1970 to 5.8 years in 1982.

Among the race-sex groups, white females continued to have the highest life expectancy at birth (78.8 years), followed by black females (73.5 years), white males (71.5 years), and black males (64.9 years). The largest gain in life expectancy between 1970 and 1982 was for black females (5.2 years), followed by black males (4.9 years), white males (3.5 years), and white females (3.2 years).

The 1982 life tables shown in this report may be used to compare life expectancies at ages older than 0 year. For example, 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. The person aged 50 years could expect to live an average of 28.3 more years for a total of 78.3 years, while the person 65 years of age could expect to live an average of 16.8 more years for a total of 81.8 years.

Leading causes of death

Deaths assigned to the 15 leading causes of death accounted for 89 percent of the total number of deaths in 1982 (table B). (For ranking procedures, see Technical notes.) The leading causes of death in 1982 were the same as those in 1981, but the rank of some causes changed between the two years. Because of declining mortality, Chronic liver disease and cirrhosis and

Table B. Death rates and percent of total deaths for the 15 leading causes of death: United States, 1982

[Rates per 100,000 population]

Rank ¹	Cause of death (Ninth Revision International Classification of Diseases, 1975)	Rate	Percent of total deaths
...	All causes	852.0	100.0
1	Diseases of heart	326.0	38.3
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	187.2	22.0
3	Cerebrovascular diseases	68.0	8.0
4	Accidents and adverse effects	40.6	4.8
...	Motor vehicle accidents	19.8	...
...	All other accidents and adverse effects	20.8	...
5	Chronic obstructive pulmonary diseases and allied conditions	25.8	3.0
6	Pneumonia and influenza	21.1	2.5
7	Diabetes mellitus	14.9	1.8
8	Suicide	12.2	1.4
9	Chronic liver disease and cirrhosis	11.9	1.4
10	Atherosclerosis	11.6	1.4
11	Homicide and legal intervention	9.6	1.1
12	Certain conditions originating in the perinatal period	9.0	1.1
13	Nephritis, nephrotic syndrome, and nephrosis	7.8	0.9
14	Congenital anomalies	5.9	0.7
15	Septicemia	5.0	0.6
...	All other causes	95.4	11.2

¹Rank based on number of deaths; see Technical notes.

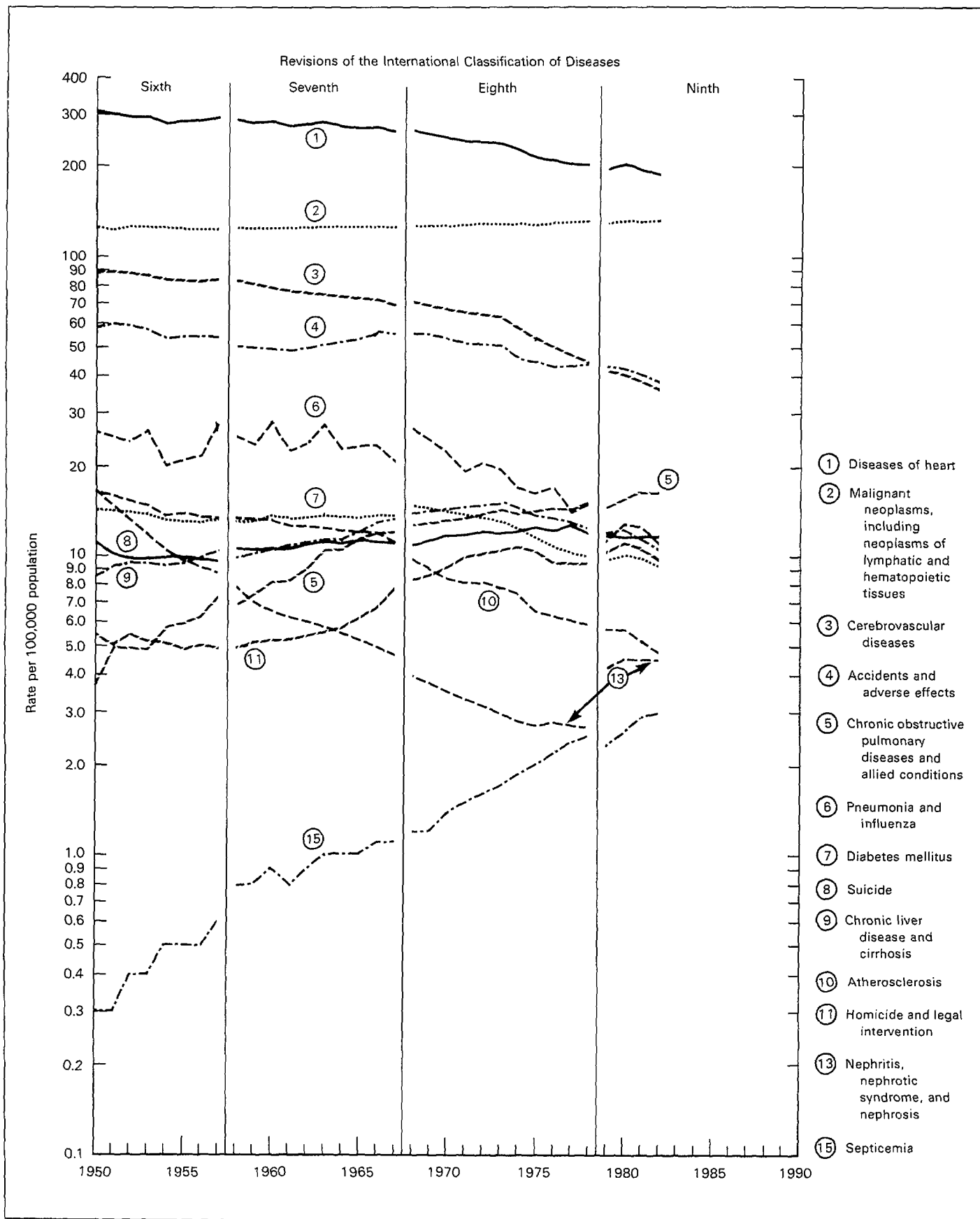


Figure 4. Age-adjusted death rates for 13 of the 15 leading causes of death: United States, 1950-82

Atherosclerosis dropped in rank from 7th and 8th, respectively, in 1981, to 9th and 10th in 1982. As a result, the ranking for Suicide shifted from 10th to 8th. Age-adjusted death rates are shown in figure 4 and table C for 13 of the 15 leading causes. Because deaths from the other two causes (Congenital anomalies and Certain conditions originating in the perinatal period) occur mainly among infants under 1 year, age-adjusted rates for these causes are not shown.

For 9 of these 13 leading causes of death the age-adjusted death rates decreased between 1981 and 1982. These causes were Diseases of heart, Cerebrovascular diseases, Accidents and adverse effects, Pneumonia and influenza, Diabetes mellitus, Chronic liver disease and cirrhosis, Atherosclerosis, Homicide and legal intervention, and Chronic obstructive pulmonary

Table C. Age-adjusted death rates for 1982 and percent changes in age-adjusted death rates for the 15 leading causes of death from 1981 to 1982 and 1979 to 1982: United States

[Rates per 100,000 population]

Rank ¹	Cause of death (Ninth Revision International Classification of Diseases, 1975)	Age-adjusted death rates for 1982	Percent change from—	
			1981 to 1982	1979 to 1982
...	All causes	553.8	-2.5	-4.0
1	Diseases of heart.....	190.5	-2.3	-4.5
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	132.5	+0.7	+1.3
3	Cerebrovascular diseases.....	35.8	-6.0	-13.9
4	Accidents and adverse effects	36.6	-8.0	-14.7
...	Motor vehicle accidents	19.3	-11.5	-16.8
...	All other accidents and adverse effects	17.3	-3.9	-11.7
5	Chronic obstructive pulmonary diseases and allied conditions...	16.2	-0.6	+11.0
6	Pneumonia and influenza	10.9	-11.4	-2.7
7	Diabetes mellitus.....	9.6	-2.0	-2.0
8	Suicide.....	11.6	+0.9	-0.9
9	Chronic liver disease and cirrhosis	10.5	-7.9	-12.5
10	Atherosclerosis	4.8	-7.7	-15.8
11	Homicide and legal intervention	9.7	-6.7	-4.9
12	Certain conditions originating in the perinatal period ² .....	...	-5.2	-15.8
13	Nephritis, nephrotic syndrome, and nephrosis	4.5	-	+4.7
14	Congenital anomalies ².....	...	-0.2	-4.0
15	Septicemia.....	3.0	+3.4	+30.4

¹Rank based on number of deaths; see Technical notes.

²Inasmuch as deaths from these causes occur mainly among infants, percent changes are based on infant mortality rates instead of age-adjusted death rates.

diseases and allied conditions. Among these nine causes showing a decline in 1982, the largest decline was for Pneumonia and influenza (11 percent), followed by Accidents and adverse effects, Chronic liver disease and cirrhosis, and Atherosclerosis (8 percent each).

Increases in the age-adjusted death rates between 1981 and 1982 occurred for three causes—Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues; Suicide; and Septicemia. For Septicemia the increase of 3 percent continued the increase observed for the past three decades (figure 4). Increases for the other two causes were 1 percent. The age-adjusted death rate for Nephritis, nephrotic syndrome, and nephrosis was unchanged between 1981 and 1982.

Mortality levels for each of the 15 leading causes of death were higher for males than for females (table D). The largest differences were for violent and accidental causes of death. Specifically, the age-adjusted death rate due to Homicide and legal intervention was almost four times as high for males as for females. The rates for Suicide and for Accidents and adverse effects were about three times as high for males as for females. The smallest sex differences were for Diabetes mellitus and Congenital anomalies, with a male-to-female ratio of 1.1.

Mortality was higher for the black population than for the white population for 13 of the 15 leading causes. The largest differential was for Homicide and legal intervention, where the age-adjusted rate for the black population was nearly six times

Table D. Ratio of age-adjusted death rates for the 15 leading causes of death, by sex and race: United States, 1982

Rank ¹	Cause of death (Ninth Revision International Classification of Diseases, 1975)	Ratio of—	
		Male to female	Black to white
...	All causes.....	1.78	1.46
1	Diseases of heart.....	1.99	1.27
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.....	1.50	1.33
3	Cerebrovascular diseases	1.18	1.82
4	Accidents and adverse effects	2.92	1.17
...	Motor vehicle accidents	2.84	0.83
...	All other accidents and adverse effects	3.01	1.58
5	Chronic obstructive pulmonary diseases and allied conditions.....	2.60	0.77
6	Pneumonia and influenza	1.90	1.51
7	Diabetes mellitus.....	1.05	2.10
8	Suicide.....	3.38	0.50
9	Chronic liver disease and cirrhosis	2.22	1.68
10	Atherosclerosis	1.35	1.04
11	Homicide and legal intervention	3.64	5.60
12	Certain conditions originating in the perinatal period ²	1.27	2.28
13	Nephritis, nephrotic syndrome, and nephrosis	1.56	2.87
14	Congenital anomalies ²	1.11	1.07
15	Septicemia.....	1.38	2.73

¹Rank based on number of deaths; see Technical notes.

²Inasmuch as deaths from these causes occur mainly among infants, ratios are based on infant mortality rates instead of age-adjusted death rates.

that of the white population. Other causes for which the differential was large include Nephritis, nephrotic syndrome, and nephrosis, and Septicemia, with black-to-white ratios of 2.9 and 2.7, respectively. Age-adjusted rates for the black population were lower than those for the white population for two causes—Chronic obstructive pulmonary diseases and allied conditions and Suicide.

Infant mortality

In 1982 there were 42,401 deaths of infants under 1 year of age. The infant mortality rate of 11.5 infant deaths per 1,000 live births was the lowest rate ever recorded for the United States. The rate declined 3 percent from the level of 11.9 in 1981. Among white infants, the mortality rate (per 1,000 live births) decreased 4 percent, from 10.5 in 1981 to 10.1 in 1982, while for black infants the rate decreased 2 percent, from 20.0 in 1981 to 19.6 in 1982. The infant mortality rate for black infants was almost twice that for white infants in 1982, as it was 20 years earlier (figure 5).

The leading cause of infant mortality was Congenital anom-

alies, with an infant mortality rate of 245.2 deaths per 100,000 live births. Rates for the next three leading causes were substantially lower—Sudden infant death syndrome (143.4), Respiratory distress syndrome (109.7), and Disorders related to short gestation and unspecified low birthweight (98.3). These four causes accounted for just over half of all deaths to infants under 1 year of age in 1982. Among the 10 leading causes of infant death, those ranking 5th through 10th accounted for 16 percent of all infant deaths.

The difference between infant mortality rates for black and white infants varied by cause, although the risk was higher for black infants than for white infants for all leading causes except Congenital anomalies. Expressed as the ratio of the infant mortality rate for black infants to that for white infants, the relative differences in the leading causes may be ranked, beginning with the highest ratio, as follows: Disorders relating to short gestation and unspecified low birthweight (3.3); Pneumonia and influenza (2.9); Newborn affected by maternal complications of pregnancy (2.1); Sudden infant death syndrome (2.0); Infections specific to the perinatal period (2.0); Accidents and adverse effects (2.0); Intrauterine hypoxia and birth asphyxia (1.9); Respiratory distress syndrome (1.7); Newborn affected by complications of placenta, cord, and membranes (1.4); and Congenital anomalies (1.0).

Maternal mortality

In 1982, 292 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). The maternal mortality rate was 7 percent lower in 1982 (7.9 deaths per 100,000 live births) than in 1981 (8.5). Black women were three times as likely as white women to die of causes associated with pregnancy, childbirth, and the puerperium.

Table E. Maternal deaths and maternal mortality rates by race: United States, 1982

[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
All races	292	7.9
White	171	5.8
All other	121	16.4
Black	108	18.2

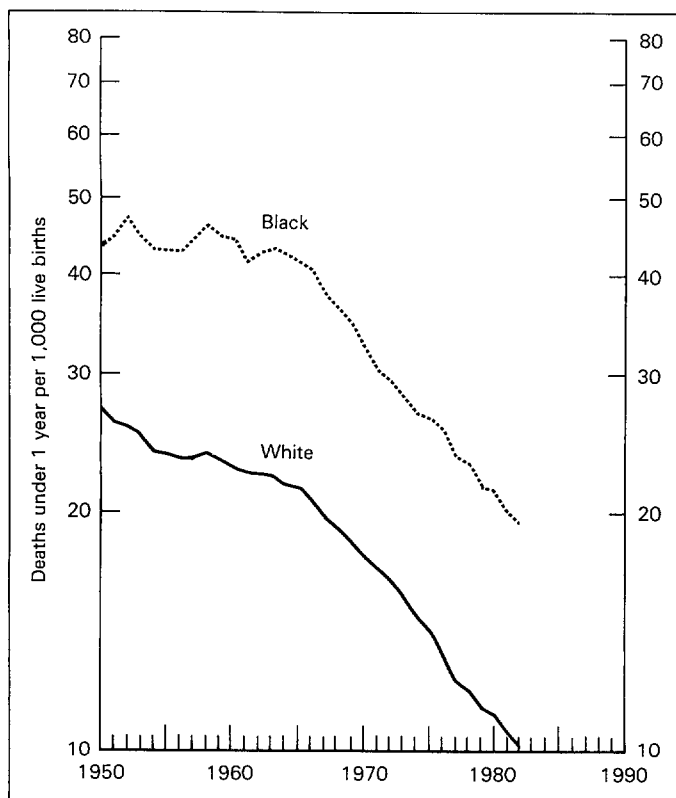


Figure 5. Infant mortality rates by race: United States, 1950-82

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Table 1. Deaths, death rates, age-adjusted death rates, and life expectancy at birth, by race and sex: United States, 1940, 1950, 1960, and 1970-82

(Rates per 100,000 population in specified group. Rates and life expectancy at birth are based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years. Beginning with 1970 excludes deaths of nonresidents of the United States)

Year	All races			White			All other					
			Female			Female	Total			Black		
	Both sexes	Male		Both sexes	Male		Both sexes	Male	Female	Both sexes	Male	Female
Number												
1982	1,974,797	1,056,440	918,357	1,729,085	919,239	809,846	245,712	137,201	108,511	226,513	125,610	100,903
1981	1,977,981	1,063,772	914,209	1,731,233	925,490	805,743	246,748	138,282	108,466	228,560	127,296	101,264
1980	1,989,841	1,075,078	914,763	1,738,607	933,878	804,729	251,234	141,200	110,034	233,135	130,138	102,997
1979	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
1978	1,927,788	1,055,290	872,498	1,689,722	920,123	769,599	238,066	135,167	102,899	221,340	124,663	96,677
1977	1,899,597	1,046,243	853,354	1,664,100	912,670	751,430	235,497	133,573	101,924	220,076	123,894	96,182
1976	1,909,440	1,051,983	857,457	1,674,989	918,589	756,400	234,451	133,394	101,057	219,442	123,977	95,465
1975	1,892,879	1,050,819	842,060	1,660,366	917,804	742,562	232,513	133,015	99,498	217,932	123,770	94,162
1974	1,934,388	1,071,627	862,761	1,697,295	936,640	760,655	237,093	134,987	102,106	222,948	126,036	96,912
1973	1,973,003	1,096,795	876,208	1,728,405	957,918	770,487	244,598	138,877	105,721	230,110	129,647	100,463
1972 ¹	1,963,944	1,096,198	867,746	1,721,468	957,518	763,950	242,476	138,680	103,796	228,450	129,740	98,710
1971	1,927,542	1,077,332	850,210	1,689,771	942,337	747,434	237,771	134,995	102,776	224,138	126,362	97,776
1970	1,921,031	1,078,478	842,553	1,682,096	942,437	739,659	238,935	136,041	102,894	225,647	127,540	98,107
1960	1,711,982	975,648	736,334	1,505,335	860,857	644,478	206,647	114,791	91,856	196,010	107,701	88,309
1950	1,452,454	827,749	624,705	1,276,085	731,366	544,719	176,369	96,383	79,986	169,606	92,004	77,602
1940	1,417,269	791,003	626,266	1,231,223	690,901	540,322	186,046	100,102	85,944	178,743	95,517	83,226
Death rate												
1982	852.0	938.0	770.7	872.9	951.8	797.9	728.9	854.8	614.5	819.2	960.4	692.4
1981	862.4	954.5	775.4	880.3	965.1	799.6	755.0	889.4	633.0	841.7	991.6	707.3
1980	878.3	976.9	785.3	892.5	983.3	806.1	791.7	936.5	660.6	875.4	1,034.1	733.3
1979	852.2	957.5	752.7	865.2	963.3	771.8	771.0	920.3	635.7	839.3	999.6	695.3
1978	868.0	977.5	764.5	880.2	982.7	782.7	790.0	943.2	651.0	855.1	1,016.8	709.5
1977	864.4	978.9	756.0	874.6	983.0	771.3	793.6	951.7	659.6	864.0	1,026.0	718.0
1976	877.6	993.8	767.6	887.7	997.3	783.1	812.1	969.8	668.6	875.0	1,041.6	724.5
1975	878.5	1,002.0	761.4	886.9	1,004.1	775.1	823.1	987.6	673.1	882.5	1,055.4	726.1
1974	906.7	1,031.5	788.3	913.8	1,032.4	800.5	859.1	1,025.1	707.6	916.5	1,090.0	759.4
1973	933.5	1,065.2	808.3	937.7	1,063.8	817.3	904.5	1,075.3	748.4	960.6	1,137.7	800.0
1972 ¹	938.4	1,074.9	808.7	941.7	1,072.0	817.3	915.5	1,095.2	750.9	969.2	1,155.9	799.4
1971	932.0	1,069.4	801.4	933.9	1,066.5	807.4	913.4	1,090.5	760.7	968.5	1,146.8	806.4
1970	945.3	1,090.3	807.8	946.3	1,086.7	812.6	933.4	1,115.9	775.3	999.3	1,186.6	829.2
1960	954.7	1,104.5	809.2	947.8	1,098.5	800.9	1,003.5	1,152.0	872.6	1,038.6	1,181.7	905.0
1950	963.8	1,106.1	823.5	945.7	1,089.5	803.3	1,119.4	1,251.1	993.5	---	---	---
1940	1,076.4	1,197.4	954.6	1,041.5	1,162.2	919.4	1,382.8	1,513.7	1,256.2	---	---	---
Age-adjusted death rate ²												
1982	553.8	733.1	411.2	531.8	706.0	393.3	704.6	928.4	529.3	778.7	1,035.0	581.4
1981	568.2	753.3	420.4	544.6	724.4	401.4	732.6	964.3	549.4	803.9	1,067.7	599.1
1980	585.8	777.2	432.6	559.4	745.3	411.1	774.2	1,015.1	582.6	842.5	1,112.8	631.1
1979	577.0	768.6	423.1	551.9	738.4	402.5	757.1	994.8	566.9	812.1	1,073.3	605.0
1978	595.0	791.4	437.4	569.5	761.1	416.4	780.0	1,021.0	585.8	831.8	1,093.9	622.7
1977	602.1	801.3	441.8	575.7	770.6	419.6	796.7	1,036.1	601.8	849.3	1,112.1	639.6
1976	618.5	820.9	455.0	591.3	789.3	432.5	818.5	1,063.4	618.3	870.5	1,138.3	654.5
1975	630.4	837.2	462.5	602.2	804.3	439.0	840.6	1,090.1	634.5	890.8	1,163.0	670.6
1974	659.5	870.9	487.0	629.0	836.1	461.0	889.6	1,142.4	680.5	940.4	1,215.5	717.1
1973	687.3	905.9	508.1	654.0	868.5	479.3	942.2	1,199.5	728.1	993.1	1,272.1	764.9
1972 ¹	698.0	918.0	516.6	664.0	879.3	487.6	958.6	1,223.1	737.1	1,009.5	1,296.6	772.8
1971	697.6	913.3	519.1	663.7	876.0	489.1	959.5	1,206.7	749.7	1,007.8	1,276.1	784.6
1970	714.3	931.6	532.5	679.6	893.4	501.7	983.4	1,231.4	770.8	1,044.0	1,318.6	814.4
1960	760.9	949.3	590.6	727.0	917.7	555.0	1,046.1	1,211.0	893.3	1,073.3	1,246.1	916.9
1950	841.5	1,001.6	688.4	800.4	963.1	645.0	1,225.7	1,358.5	1,095.7	---	---	---
1940	1,076.1	1,213.0	938.9	1,017.2	1,155.1	879.0	1,634.7	1,764.4	1,504.7	---	---	---

See footnotes at end of table.

Table 1. Deaths, death rates, age-adjusted death rates, and life expectancy at birth, by race and sex: United States, 1940, 1950, 1960, and 1970-82—Con.

[Rates per 100,000 population in specified group. Rates and life expectancy at birth are based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years. Beginning with 1970 excludes deaths of nonresidents of the United States]

Year	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	Life expectancy at birth (e ₀)											
1982	74.6	70.9	78.2	75.1	71.5	78.8	71.0	66.8	75.0	69.3	64.9	73.5
1981	74.2	70.4	77.9	74.8	71.1	78.5	70.3	66.1	74.5	68.7	64.4	73.0
1980	73.7	70.0	77.5	74.4	70.7	78.1	69.5	65.3	73.6	68.0	63.7	72.3
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1	68.5	64.0	72.9
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5	68.1	63.7	72.4
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2	67.7	63.4	72.0
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7	67.2	62.9	71.6
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	66.8	62.4	71.3
1974	72.0	68.2	75.9	72.8	69.0	76.7	67.1	62.9	71.3	66.0	61.7	70.3
1973	71.4	67.6	75.3	72.2	68.5	76.1	66.1	62.0	70.3	65.0	60.9	69.3
1972 ¹ ...	71.2	67.4	75.1	72.0	68.3	75.9	65.7	61.5	70.1	64.7	60.4	69.1
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.8	64.6	60.5	68.9
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3	---	---	---
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9	---	---	---
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9	---	---	---

¹Deaths based on a 50-percent sample.

²For method of computation, see Technical notes.

Table 2. Deaths and death rates by age, race, and sex: United States, 1982

[Rates per 100,000 population in specified group]

Age	<i>All races</i>						<i>All other</i>					
				<i>White</i>			<i>Total</i>			<i>Black</i>		
	<i>Both sexes</i>	<i>Male</i>	<i>Female</i>	<i>Both sexes</i>	<i>Male</i>	<i>Female</i>	<i>Both sexes</i>	<i>Male</i>	<i>Female</i>	<i>Both sexes</i>	<i>Male</i>	<i>Female</i>
	Number											
All ages.....	1,974,797	1,056,440	918,357	1,729,085	919,239	809,846	245,712	137,201	108,511	226,513	125,610	100,903
Under 1 year.....	42,401	24,073	18,328	29,659	16,965	12,694	12,742	7,108	5,634	11,642	6,485	5,157
1-4 years.....	7,910	4,448	3,462	5,895	3,337	2,558	2,015	1,111	904	1,787	990	797
5-9 years.....	4,514	2,686	1,828	3,443	2,060	1,383	1,071	626	445	956	557	399
10-14 years.....	5,111	3,237	1,874	4,085	2,591	1,494	1,026	646	380	910	573	337
15-19 years.....	17,041	12,524	4,517	14,138	10,429	3,709	2,903	2,095	808	2,478	1,782	696
20-24 years.....	24,930	18,852	6,078	19,922	15,183	4,739	5,008	3,669	1,339	4,424	3,251	1,173
25-29 years.....	24,589	18,052	6,537	18,668	13,851	4,817	5,921	4,201	1,720	5,372	3,821	1,551
30-34 years.....	24,721	17,310	7,411	18,209	12,809	5,400	6,512	4,501	2,011	5,934	4,116	1,818
35-39 years.....	26,333	17,366	8,967	19,967	13,204	6,763	6,366	4,162	2,204	5,822	3,826	1,996
40-44 years.....	31,972	20,289	11,683	24,529	15,626	8,903	7,443	4,663	2,780	6,838	4,291	2,547
45-49 years.....	46,412	29,342	17,070	36,257	23,059	13,198	10,155	6,283	3,872	9,320	5,784	3,536
50-54 years.....	76,677	48,665	28,012	62,428	40,051	22,377	14,249	8,614	5,635	13,211	8,007	5,204
55-59 years.....	119,833	75,332	44,501	100,325	63,681	36,644	19,508	11,651	7,857	18,256	10,941	7,315
60-64 years.....	167,181	103,990	63,191	143,338	89,933	53,405	23,843	14,057	9,786	22,308	13,082	9,226
65-69 years.....	213,426	129,819	83,607	186,977	114,655	72,322	26,449	15,164	11,285	24,681	14,088	10,593
70-74 years.....	252,394	145,539	106,855	223,610	129,707	93,903	28,784	15,832	12,952	26,844	14,590	12,254
75-79 years.....	268,121	141,221	126,900	242,120	127,905	114,215	26,001	13,316	12,685	23,978	11,973	12,005
80-84 years.....	253,838	114,716	139,122	232,390	104,832	127,558	21,448	9,884	11,564	19,710	8,881	10,829
85 years and over.....	366,727	128,564	238,163	342,651	119,069	223,582	24,076	9,495	14,581	21,875	8,466	13,409
Not stated.....	666	415	251	474	292	182	192	123	69	167	106	61
	Rate											
All ages ¹	852.0	938.0	770.7	872.9	951.8	797.9	728.9	854.8	614.5	819.2	960.4	692.4
Under 1 year.....	1,164.2	1,291.5	1,030.8	1,018.5	1,135.5	895.2	1,745.5	1,921.1	1,560.7	1,963.2	2,168.9	1,760.1
1-4 years.....	57.6	63.3	51.6	52.8	58.2	47.0	78.4	85.7	71.0	84.9	93.4	76.4
5-9 years.....	28.3	32.9	23.4	26.4	30.8	21.8	36.6	42.3	30.7	39.8	46.0	33.5
10-14 years.....	28.3	35.1	21.3	27.5	34.0	20.6	32.3	40.2	24.1	34.3	43.0	25.6
15-19 years.....	86.0	124.1	46.5	86.3	124.7	46.3	84.5	121.0	47.5	85.2	122.1	48.0
20-24 years.....	114.6	172.5	56.1	109.0	164.6	52.3	143.8	215.3	75.4	152.3	230.4	78.6
25-29 years.....	118.8	174.9	63.0	106.4	157.0	55.3	187.5	280.6	103.6	210.8	317.6	115.3
30-34 years.....	132.3	187.0	78.6	114.3	160.7	67.9	236.5	350.8	136.7	275.4	411.6	157.4
35-39 years.....	168.2	225.2	112.8	147.0	195.4	99.0	307.4	436.3	197.3	361.6	520.5	228.1
40-44 years.....	256.7	332.5	183.9	227.9	293.5	163.7	440.2	599.4	304.2	512.2	711.6	348.0
45-49 years.....	419.8	546.1	300.4	378.0	489.8	270.2	694.1	944.8	485.8	791.2	1,093.4	545.7
50-54 years.....	676.3	892.0	476.3	625.0	824.9	435.9	1,057.0	1,433.3	754.4	1,196.6	1,630.8	848.9
55-59 years.....	1,039.2	1,386.8	729.8	978.3	1,308.7	680.0	1,528.8	2,054.9	1,108.2	1,717.4	2,327.9	1,233.6
60-64 years.....	1,579.9	2,123.5	1,111.3	1,508.5	2,035.6	1,050.5	2,207.7	2,934.7	1,628.3	2,446.1	3,262.3	1,805.5
65-69 years.....	2,385.4	3,256.1	1,686.0	2,319.5	3,176.9	1,624.5	2,985.2	4,001.1	2,225.8	3,269.0	4,416.3	2,429.6
70-74 years.....	3,506.4	4,817.6	2,558.2	3,447.0	4,765.1	2,494.1	4,048.4	5,295.0	3,143.7	4,386.3	5,836.0	3,385.1
75-79 years.....	5,252.1	7,183.2	4,044.0	5,235.0	7,210.0	4,006.1	5,428.2	6,935.4	4,419.9	5,791.8	7,436.6	4,726.4
80-84 years.....	8,081.4	10,582.7	6,763.3	8,091.6	10,675.4	6,752.7	7,973.2	9,786.1	6,883.3	8,532.5	10,448.2	7,417.1
85 years and over.....	15,048.3	17,782.0	13,895.2	15,296.9	18,123.1	14,123.9	12,159.6	14,386.4	11,130.5	12,792.4	15,117.9	11,660.0

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

Table 3. Abridged life tables by race and sex: United States, 1982

[For explanation of the columns of the life tables, see section 6 of *Vital Statistics of the United States, 1979, 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 (2)	Number living at beginning of age interval (3)	Number dying during age interval (4)	In the age interval (5)	In this and all subsequent age intervals (6)	Average number of years of life remaining at beginning of age interval (7)
Period of life between two exact ages stated in years (1)						
x to x + n	nq_x	l_x	$n d_x$	nL_x	T_x	e_x
All races						
0-1 year	0.0115	100,000	1,155	98,999	7,455,187	74.6
1-5 years	0.0023	98,845	225	394,857	7,356,188	74.4
5-10 years	0.0014	98,620	140	492,724	6,961,331	70.6
10-15 years	0.0014	98,480	140	492,105	6,468,607	65.7
15-20 years	0.0043	98,340	424	490,738	5,976,502	60.8
20-25 years	0.0057	97,916	560	488,198	5,485,764	56.0
25-30 years	0.0059	97,356	577	485,337	4,997,566	51.3
30-35 years	0.0066	96,779	640	482,364	4,512,229	46.6
35-40 years	0.0084	96,139	804	478,814	4,029,865	41.9
40-45 years	0.0127	95,335	1,215	473,837	3,551,051	37.2
45-50 years	0.0208	94,120	1,958	466,011	3,077,214	32.7
50-55 years	0.0334	92,162	3,074	453,603	2,611,203	28.3
55-60 years	0.0508	89,088	4,526	434,735	2,157,600	24.2
60-65 years	0.0763	84,562	6,451	407,426	1,722,865	20.4
65-70 years	0.1131	78,111	8,831	369,338	1,315,439	16.8
70-75 years	0.1619	69,280	11,219	319,241	946,101	13.7
75-80 years	0.2330	58,061	13,529	256,955	626,860	10.8
80-85 years	0.3362	44,532	14,973	184,621	369,905	8.3
85 years and over	1.0000	29,559	29,559	185,284	185,284	6.3
Male						
0-1 year	0.0128	100,000	1,280	98,891	7,085,401	70.9
1-5 years	0.0025	98,720	247	394,312	6,986,510	70.8
5-10 years	0.0016	98,473	162	491,933	6,592,198	66.9
10-15 years	0.0018	98,311	173	491,205	6,100,265	62.1
15-20 years	0.0062	98,138	611	489,322	5,609,060	57.2
20-25 years	0.0086	97,527	839	485,563	5,119,738	52.5
25-30 years	0.0087	96,688	841	481,304	4,634,175	47.9
30-35 years	0.0093	95,847	894	477,077	4,152,871	43.3
35-40 years	0.0112	94,953	1,062	472,273	3,675,794	38.7
40-45 years	0.0165	93,891	1,547	465,844	3,203,521	34.1
45-50 years	0.0270	92,344	2,491	455,895	2,737,677	29.6
50-55 years	0.0438	89,853	3,932	440,072	2,281,782	25.4
55-60 years	0.0672	85,921	5,777	415,941	1,841,710	21.4
60-65 years	0.1012	80,144	8,114	381,268	1,425,769	17.8
65-70 years	0.1512	72,030	10,888	333,684	1,044,501	14.5
70-75 years	0.2156	61,142	13,180	273,194	710,817	11.6
75-80 years	0.3043	47,962	14,594	202,945	437,623	9.1
80-85 years	0.4155	33,368	13,863	130,706	234,678	7.0
85 years and over	1.0000	19,505	19,505	103,972	103,972	5.3
Female						
0-1 year	0.0102	100,000	1,023	99,113	7,819,882	78.2
1-5 years	0.0020	98,977	203	395,431	7,720,769	78.0
5-10 years	0.0012	98,774	116	493,556	7,325,338	74.2
10-15 years	0.0011	98,658	105	493,054	6,831,782	69.2
15-20 years	0.0023	98,553	229	492,232	6,338,728	64.3
20-25 years	0.0028	98,324	277	490,939	5,846,496	59.5
25-30 years	0.0032	98,047	309	489,488	5,355,557	54.6
30-35 years	0.0039	97,738	385	487,787	4,866,069	49.8
35-40 years	0.0056	97,353	547	485,491	4,378,282	45.0
40-45 years	0.0091	96,806	885	481,960	3,892,791	40.2
45-50 years	0.0149	95,921	1,432	476,236	3,410,831	35.6
50-55 years	0.0236	94,489	2,230	467,186	2,934,595	31.1

Table 3. Abridged life tables by race and sex: United States, 1982—Con.

[For explanation of the columns of the life tables, see section 6 of *Vital Statistics of the United States, 1979, 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
Period of life between two exact ages stated in years (1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + n	nq_x	l_x	$n d_x$	nL_x	T_x	e_x
Female—Con.						
55–60 years	0.0359	92,259	3,316	453,440	2,467,409	26.7
60–65 years	0.0543	88,943	4,828	433,304	2,013,969	22.6
65–70 years	0.0813	84,115	6,839	404,444	1,580,665	18.8
70–75 years	0.1210	77,276	9,349	364,261	1,176,221	15.2
75–80 years	0.1849	67,927	12,561	309,415	811,960	12.0
80–85 years	0.2906	55,366	16,091	236,809	502,545	9.1
85 years and over	1.0000	39,275	39,275	265,736	265,736	6.8
White						
0–1 year	0.0101	100,000	1,010	99,123	7,514,083	75.1
1–5 years	0.0021	98,990	207	395,484	7,414,960	74.9
5–10 years	0.0013	98,783	131	493,565	7,019,476	71.1
10–15 years	0.0014	98,652	135	492,975	6,525,911	66.2
15–20 years	0.0043	98,517	427	491,609	6,032,936	61.2
20–25 years	0.0054	98,090	534	489,119	5,541,327	56.5
25–30 years	0.0053	97,556	518	486,476	5,052,208	51.8
30–35 years	0.0057	97,038	554	483,864	4,565,732	47.1
35–40 years	0.0073	96,484	706	480,780	4,081,868	42.3
40–45 years	0.0113	95,778	1,083	476,382	3,601,088	37.6
45–50 years	0.0187	94,695	1,775	469,340	3,124,706	33.0
50–55 years	0.0309	92,920	2,868	457,910	2,655,366	28.6
55–60 years	0.0479	90,052	4,313	440,097	2,197,456	24.4
60–65 years	0.0730	85,739	6,257	413,808	1,757,359	20.5
65–70 years	0.1101	79,482	8,754	376,443	1,343,551	16.9
70–75 years	0.1594	70,728	11,274	326,444	967,108	13.7
75–80 years	0.2324	59,454	13,817	263,313	640,664	10.8
80–85 years	0.3366	45,637	15,362	189,202	377,351	8.3
85 years and over	1.0000	30,275	30,275	188,149	188,149	6.2
White, male						
0–1 year	0.0113	100,000	1,126	99,022	7,149,935	71.5
1–5 years	0.0023	98,874	228	394,976	7,050,913	71.3
5–10 years	0.0015	98,646	152	492,827	6,655,937	67.5
10–15 years	0.0017	98,494	168	492,131	6,163,110	62.6
15–20 years	0.0063	98,326	615	490,244	5,670,979	57.7
20–25 years	0.0082	97,711	802	486,558	5,180,735	53.0
25–30 years	0.0078	96,909	756	482,611	4,694,177	48.4
30–35 years	0.0080	96,153	771	478,903	4,211,566	43.8
35–40 years	0.0097	95,382	926	474,755	3,732,663	39.1
40–45 years	0.0145	94,456	1,374	469,101	3,257,908	34.5
45–50 years	0.0242	93,082	2,255	460,170	2,788,807	30.0
50–55 years	0.0405	90,827	3,682	445,574	2,328,637	25.6
55–60 years	0.0636	87,145	5,540	422,676	1,883,063	21.6
60–65 years	0.0973	81,605	7,937	389,049	1,460,387	17.9
65–70 years	0.1478	73,668	10,887	341,933	1,071,338	14.5
70–75 years	0.2134	62,781	13,400	280,914	729,405	11.6
75–80 years	0.3053	49,381	15,075	208,903	448,491	9.1
80–85 years	0.4183	34,306	14,352	134,144	239,588	7.0
85 years and over	1.0000	19,954	19,954	105,444	105,444	5.3

Table 3. Abridged life tables by race and sex: United States, 1982—Con.

[For explanation of the columns of the life tables, see section 6 of *Vital Statistics of the United States, 1979, 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 (2)	Number living at beginning of age interval (3)	Number dying during age interval (4)	In the age interval (5)	In this and all subsequent age intervals (6)	Average number of years of life remaining at beginning of age interval (7)
Period of life between two exact ages stated in years (1)	nq_x	l_x	$n d_x$	nL_x	T_x	e_x
x to $x+n$						
White, female						
0-1 year	0.0089	100,000	888	99,231	7,875,084	78.8
1-5 years	0.0019	99,112	185	396,019	7,775,853	78.5
5-10 years	0.0011	98,927	108	494,343	7,379,834	74.6
10-15 years	0.0010	98,819	102	493,863	6,885,491	69.7
15-20 years	0.0023	98,717	228	493,051	6,391,628	64.7
20-25 years	0.0026	98,489	259	491,804	5,898,577	59.9
25-30 years	0.0028	98,230	271	490,492	5,406,773	55.0
30-35 years	0.0034	97,959	332	489,015	4,916,281	50.2
35-40 years	0.0049	97,627	481	487,021	4,427,266	45.3
40-45 years	0.0081	97,146	789	483,900	3,940,245	40.6
45-50 years	0.0134	96,357	1,292	478,761	3,456,345	35.9
50-55 years	0.0216	95,065	2,051	470,509	2,977,584	31.3
55-60 years	0.0335	93,014	3,113	457,717	2,507,075	27.0
60-65 years	0.0513	89,901	4,612	438,629	2,049,358	22.8
65-70 years	0.0783	85,289	6,681	410,771	1,610,729	18.9
70-75 years	0.1179	78,608	9,271	371,236	1,199,958	15.3
75-80 years	0.1831	69,337	12,697	316,256	828,722	12.0
80-85 years	0.2899	56,640	16,419	242,420	512,466	9.0
85 years and over	1.0000	40,221	40,221	270,046	270,046	6.7
All other						
0-1 year	0.0173	100,000	1,733	98,504	7,096,776	71.0
1-5 years	0.0031	98,267	301	392,348	6,998,272	71.2
5-10 years	0.0018	97,966	180	489,335	6,605,924	67.4
10-15 years	0.0016	97,786	158	488,596	6,116,589	62.6
15-20 years	0.0043	97,628	415	487,230	5,627,993	57.6
20-25 years	0.0072	97,213	700	484,400	5,140,763	52.9
25-30 years	0.0093	96,513	902	480,356	4,656,363	48.2
30-35 years	0.0118	95,611	1,126	475,365	4,176,007	43.7
35-40 years	0.0153	94,485	1,443	469,001	3,700,642	39.2
40-45 years	0.0218	93,042	2,028	460,377	3,231,641	34.7
45-50 years	0.0342	91,014	3,113	447,629	2,771,264	30.4
50-55 years	0.0516	87,901	4,539	428,609	2,323,635	26.4
55-60 years	0.0738	83,362	6,155	401,939	1,895,026	22.7
60-65 years	0.1049	77,207	8,097	366,362	1,493,087	19.3
65-70 years	0.1393	69,110	9,629	321,931	1,126,725	16.3
70-75 years	0.1847	59,481	10,988	270,129	804,794	13.5
75-80 years	0.2390	48,493	11,590	212,869	534,665	11.0
80-85 years	0.3314	36,903	12,228	152,835	321,796	8.7
85 years and over	1.0000	24,675	24,675	168,961	168,961	6.8
All other, male						
0-1 year	0.0190	100,000	1,900	98,368	6,678,654	66.8
1-5 years	0.0033	98,100	328	391,624	6,580,286	67.1
5-10 years	0.0021	97,772	207	488,298	6,188,662	63.3
10-15 years	0.0020	97,565	197	487,425	5,700,364	58.4
15-20 years	0.0061	97,368	593	485,561	5,212,939	53.5
20-25 years	0.0108	96,775	1,042	481,406	4,727,378	48.8
25-30 years	0.0140	95,733	1,336	475,348	4,245,972	44.4
30-35 years	0.0174	94,397	1,645	468,009	3,770,624	39.9
35-40 years	0.0216	92,752	2,004	458,972	3,302,615	35.6
40-45 years	0.0296	90,748	2,682	447,312	2,843,643	31.3
45-50 years	0.0463	88,066	4,073	430,550	2,396,331	27.2
50-55 years	0.0694	83,993	5,828	405,931	1,965,781	23.4

Table 3. Abridged life tables by race and sex: United States, 1982—Con.

[For explanation of the columns of the life tables, see section 6 of *Vital Statistics of the United States, 1979, Volume II*]

Age interval Period of life between two exact ages stated in years (1)	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)	Number living at beginning of age interval (3)	Number dying during age interval (4)	In the age interval (5)	In this and all subsequent age intervals (6)	Average number of years of life remaining at beginning of age interval (7)
x to x + n	nq_x	l_x	n^d_x	nL_x	T_x	e^e_x
All other, male—Con.						
55–60 years	0.0980	78,165	7,657	372,204	1,559,850	20.0
60–65 years	0.1370	70,508	9,660	328,855	1,187,646	16.8
65–70 years	0.1823	60,848	11,094	276,791	858,791	14.1
70–75 years	0.2346	49,754	11,671	219,504	582,000	11.7
75–80 years	0.2946	38,083	11,219	161,352	362,496	9.5
80–85 years	0.3898	26,864	10,472	106,712	201,144	7.5
85 years and over	1.0000	16,392	16,392	94,432	94,432	5.8
All other, female						
0–1 year	0.0156	100,000	1,560	98,645	7,503,845	75.0
1–5 years	0.0028	98,440	273	393,098	7,405,200	75.2
5–10 years	0.0015	98,167	152	490,412	7,012,102	71.4
10–15 years	0.0012	98,015	119	489,810	6,521,690	66.5
15–20 years	0.0024	97,896	233	488,957	6,031,880	61.6
20–25 years	0.0038	97,663	369	487,440	5,542,923	56.8
25–30 years	0.0052	97,294	504	485,271	5,055,483	52.0
30–35 years	0.0068	96,790	661	482,405	4,570,212	47.2
35–40 years	0.0098	96,129	944	478,429	4,087,807	42.5
40–45 years	0.0151	95,185	1,438	472,517	3,609,378	37.9
45–50 years	0.0241	93,747	2,256	463,362	3,136,861	33.5
50–55 years	0.0371	91,491	3,396	449,322	2,673,499	29.2
55–60 years	0.0541	88,095	4,764	429,040	2,224,177	25.2
60–65 years	0.0784	83,331	6,536	400,954	1,795,137	21.5
65–70 years	0.1058	76,795	8,125	364,229	1,394,183	18.2
70–75 years	0.1466	68,670	10,067	318,593	1,029,954	15.0
75–80 years	0.1995	58,603	11,693	263,571	711,361	12.1
80–85 years	0.2939	46,910	13,787	199,403	447,790	9.5
85 years and over	1.0000	33,123	33,123	248,387	248,387	7.5
Black						
0–1 year	0.0197	100,000	1,968	98,296	6,925,838	69.3
1–5 years	0.0033	98,032	326	391,347	6,827,542	69.6
5–10 years	0.0020	97,706	195	487,993	6,436,195	65.9
10–15 years	0.0017	97,511	168	487,199	5,948,202	61.0
15–20 years	0.0043	97,343	417	485,805	5,461,003	56.1
20–25 years	0.0076	96,926	739	482,881	4,975,198	51.3
25–30 years	0.0105	96,187	1,010	478,463	4,492,317	46.7
30–35 years	0.0137	95,177	1,304	472,771	4,013,854	42.2
35–40 years	0.0179	93,873	1,683	465,373	3,541,083	37.7
40–45 years	0.0253	92,190	2,332	455,387	3,075,710	33.4
45–50 years	0.0389	89,858	3,492	440,926	2,620,323	29.2
50–55 years	0.0582	86,366	5,028	419,735	2,179,397	25.2
55–60 years	0.0825	81,338	6,712	390,452	1,759,662	21.6
60–65 years	0.1155	74,626	8,616	352,158	1,369,210	18.3
65–70 years	0.1515	66,010	9,999	305,481	1,017,052	15.4
70–75 years	0.1985	56,011	11,118	252,401	711,571	12.7
75–80 years	0.2528	44,893	11,351	195,408	459,170	10.2
80–85 years	0.3502	33,542	11,747	137,212	263,762	7.9
85 years and over	1.0000	21,795	21,795	126,550	126,550	5.8

Table 3. Abridged life tables by race and sex: United States, 1982—Con.

[For explanation of the columns of the life tables, see section 6 of *Vital Statistics of the United States, 1979, Volume II*]

Age interval Period of life between two exact ages stated in years (1)	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)	Number living at beginning of age interval (3)	Number dying during age interval (4)	In the age interval (5)	In this and all subsequent age intervals (6)	Average number of years of life remaining at beginning of age interval (7)
x to x + n	nq_x	l_x	$n d_x$	nL_x	T_x	e_x
Black, male						
0-1 year	0.0216	100,000	2,159	98,139	6,494,155	64.9
1-5 years	0.0036	97,841	356	390,521	6,396,016	65.4
5-10 years	0.0023	97,485	224	486,814	6,005,495	61.6
10-15 years	0.0022	97,261	210	485,877	5,518,681	56.7
15-20 years	0.0062	97,051	597	483,973	5,032,804	51.9
20-25 years	0.0115	96,454	1,112	479,649	4,548,831	47.2
25-30 years	0.0158	95,342	1,504	472,979	4,069,182	42.7
30-35 years	0.0204	93,838	1,914	464,561	3,596,203	38.3
35-40 years	0.0257	91,924	2,363	453,964	3,131,642	34.1
40-45 years	0.0350	89,561	3,132	440,289	2,677,678	29.9
45-50 years	0.0533	86,429	4,607	421,064	2,237,389	25.9
50-55 years	0.0785	81,822	6,424	393,609	1,816,325	22.2
55-60 years	0.1102	75,398	8,310	356,760	1,422,716	18.9
60-65 years	0.1510	67,088	10,132	310,541	1,065,956	15.9
65-70 years	0.1992	56,956	11,343	256,629	755,415	13.3
70-75 years	0.2552	45,613	11,639	198,773	498,786	10.9
75-80 years	0.3123	33,974	10,610	142,328	300,013	8.8
80-85 years	0.4105	23,364	9,590	91,508	157,685	6.7
85 years and over	1.0000	13,774	13,774	66,177	66,177	4.8
Black, female						
0-1 year	0.0177	100,000	1,771	98,457	7,348,234	73.5
1-5 years	0.0030	98,229	294	392,203	7,249,777	73.8
5-10 years	0.0017	97,935	165	489,215	6,857,574	70.0
10-15 years	0.0013	97,770	125	488,570	6,368,359	65.1
15-20 years	0.0024	97,645	235	487,696	5,879,789	60.2
20-25 years	0.0039	97,410	384	486,141	5,392,093	55.4
25-30 years	0.0058	97,026	559	483,800	4,905,952	50.6
30-35 years	0.0079	96,467	757	480,566	4,422,152	45.8
35-40 years	0.0113	95,710	1,086	476,004	3,941,586	41.2
40-45 years	0.0173	94,624	1,633	469,246	3,465,582	36.6
45-50 years	0.0270	92,991	2,507	458,970	2,996,336	32.2
50-55 years	0.0417	90,484	3,769	443,376	2,537,366	28.0
55-60 years	0.0600	86,715	5,201	421,078	2,093,990	24.1
60-65 years	0.0866	81,514	7,055	390,603	1,672,912	20.5
65-70 years	0.1149	74,459	8,554	351,489	1,282,309	17.2
70-75 years	0.1570	65,905	10,344	304,057	930,820	14.1
75-80 years	0.2118	55,561	11,766	248,095	626,763	11.3
80-85 years	0.3127	43,795	13,695	183,953	378,668	8.6
85 years and over	1.0000	30,100	30,100	194,715	194,715	6.5

Table 4. Deaths under 1 year and infant mortality rates for the 10 leading causes of infant death: United States, 1982

[Rates per 100,000 live births]

<i>Rank order</i> ¹	<i>Cause of death</i> (Ninth Revision International Classification of Diseases, 1975)	<i>Number</i>	<i>Rate</i>
...	All causes	42,401	1,152.0
1	Congenital anomalies..... 740-759	9,024	245.2
2	Sudden infant death syndrome..... 798.0	5,278	143.4
3	Respiratory distress syndrome..... 769	4,038	109.7
4	Disorders relating to short gestation and unspecified low birthweight..... 765	3,618	98.3
5	Newborn affected by maternal complications of pregnancy..... 761	1,493	40.6
6	Intrauterine hypoxia and birth asphyxia..... 768	1,489	40.5
7	Accidents and adverse effects..... E800-E949	1,024	27.8
8	Newborn affected by complications of placenta, cord, and membranes..... 762	973	26.4
9	Infections specific to the perinatal period..... 771	951	25.8
10	Pneumonia and influenza..... 480-487	756	20.5
...	All other causes..... Residual	13,757	373.8

¹Rank based on number of deaths; see Technical notes.

Table 5. Age-specific and age-adjusted death rates for 15 leading causes and selected components: United States, 1979 and 1981-82

[Rates per 100,000 population in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	Year	Age											Age-adjusted rate ²	
		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
All causes	1982	852.0	1,164.2	57.6	28.3	101.0	125.2	207.4	549.7	1,297.9	2,885.2	6,329.8	15,048.3	553.8
	1981	862.4	1,207.3	60.2	29.4	107.1	132.1	221.3	573.5	1,322.1	2,922.3	6,429.9	15,379.7	568.2
	1979	852.2	1,332.9	64.2	31.5	114.8	133.0	229.8	589.7	1,338.0	2,929.0	6,496.6	14,962.4	577.0
Diseases of heart 390-398,402,404-429	1982	326.0	21.1	2.3	1.1	2.7	8.2	40.7	169.4	468.7	1,156.4	2,801.4	7,341.8	190.5
	1981	328.7	21.3	2.5	0.9	2.6	8.4	43.2	177.7	481.5	1,175.8	2,850.3	7,458.8	195.0
	1979	326.5	20.2	2.1	0.8	2.6	8.4	45.3	184.6	499.0	1,199.8	2,925.2	7,310.9	199.5
Rheumatic fever and rheumatic heart disease..... 390-398	1982	3.0	0.2	0.1	0.0	0.2	0.4	0.9	2.6	6.7	13.9	20.1	24.1	2.2
	1981	3.2	0.2	0.0	0.1	0.1	0.4	1.2	3.1	7.0	14.7	20.9	24.2	2.3
	1979	3.5	0.1	0.0	0.0	0.2	0.4	1.4	3.9	8.0	16.0	20.6	25.2	2.6
Hypertensive heart disease.... 402	1982	9.0	0.1	0.0	0.0	0.0	0.3	1.6	6.4	15.0	32.6	74.5	164.5	5.6
	1981	9.1	-	-	0.0	0.0	0.3	1.8	6.8	15.7	33.2	74.4	168.1	5.7
	1979	9.3	0.0	-	0.0	0.0	0.4	1.9	7.0	16.2	35.7	79.6	170.3	6.0
Hypertensive heart and renal disease..... 404	1982	1.3	0.0	-	-	0.0	0.1	0.1	0.3	1.1	3.7	13.0	40.7	0.7
	1981	1.5	-	0.0	-	0.0	0.1	0.1	0.4	1.2	4.4	14.8	44.6	0.8
	1979	1.6	-	-	0.0	0.0	0.0	0.2	0.4	1.4	5.1	16.8	50.9	0.9
Ischemic heart disease... 410-414	1982	238.5	0.8	0.2	0.1	0.3	3.3	26.5	122.8	348.2	871.9	2,073.7	5,228.5	139.3
	1981	242.1	0.7	0.1	0.1	0.3	3.2	28.2	128.5	359.9	892.1	2,124.7	5,359.8	143.4
	1979	245.5	0.7	0.1	0.0	0.3	3.6	30.1	136.1	381.0	926.6	2,224.8	5,376.1	149.7
Acute myocardial infarction... 410	1982	125.6	0.5	0.1	0.1	0.2	2.1	17.5	81.3	225.7	529.8	1,052.5	1,832.8	79.5
	1981	127.5	0.4	0.0	0.1	0.2	2.1	18.9	86.2	233.5	542.8	1,070.0	1,862.6	81.9
	1979	133.8	0.4	0.0	0.0	0.2	2.4	21.1	94.6	258.9	577.2	1,135.2	1,916.3	88.2
Other acute and subacute forms of ischemic heart disease... 411	1982	1.8	-	-	-	0.0	0.1	0.5	1.8	4.0	6.9	11.5	24.3	1.2
	1981	2.0	0.1	-	-	0.0	0.1	0.5	1.9	4.4	7.6	13.5	29.2	1.3
	1979	2.1	0.1	-	-	0.0	0.1	0.5	2.0	4.8	8.2	15.3	30.2	1.5
Angina pectoris 413	1982	0.3	-	-	-	0.0	0.0	0.2	0.2	0.4	1.0	2.7	4.1	0.2
	1981	0.2	-	-	-	-	-	0.0	0.2	0.3	0.8	2.4	5.1	0.1
	1979	0.2	0.0	-	-	0.0	0.0	0.1	0.1	0.3	0.9	2.1	4.6	0.1
Old myocardial infarction and other forms of chronic ischemic heart disease 412,414	1982	110.9	0.3	0.1	0.1	0.1	1.1	8.6	39.5	118.1	334.2	1,007.0	3,367.3	58.5
	1981	112.3	0.3	0.0	0.1	0.1	1.0	8.7	40.2	121.6	340.8	1,038.8	3,462.8	60.0
	1979	109.4	0.2	0.0	0.0	0.1	1.0	8.4	39.3	117.0	340.3	1,072.2	3,424.9	59.9
Other diseases of endocardium 424	1982	3.4	0.4	0.1	0.0	0.1	0.3	0.5	1.6	4.2	11.5	32.9	65.4	2.0
	1981	3.2	0.4	0.1	0.0	0.1	0.2	0.6	1.7	4.2	12.0	30.0	59.8	2.0
	1979	2.9	0.4	0.0	0.0	0.1	0.2	0.6	1.5	4.3	11.6	27.5	47.1	1.8
All other forms of heart disease 415-423,425-429	1982	70.8	19.6	2.0	0.8	2.0	3.9	11.1	35.6	93.5	222.8	587.1	1,818.5	40.8
	1981	69.7	20.0	2.4	0.7	2.0	4.1	11.3	37.2	93.5	219.3	585.5	1,802.3	40.8
	1979	63.7	19.0	2.0	0.7	1.9	3.7	11.0	35.7	88.1	204.8	555.9	1,641.4	38.4

See footnotes at end of table.

Table 5. Age-specific and age-adjusted death rates for 15 leading causes and selected components: United States, 1979 and 1981-82—Con.

[Rates per 100,000 population in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	Year	Age											Age-adjusted rate ²	
		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
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues 140-208	1982	187.2	3.7	4.6	4.1	5.9	13.2	46.2	176.0	439.7	824.9	1,238.7	1,598.6	132.5
	1981	184.0	2.5	4.9	4.1	5.7	13.0	47.2	178.1	434.8	814.8	1,221.8	1,575.3	131.6
	1979	179.6	3.4	4.6	4.4	6.1	13.3	48.3	181.4	429.4	800.0	1,207.6	1,522.9	130.8
Malignant neoplasms of lip, oral cavity, and pharynx 140-149	1982	3.7	0.1	-	0.0	0.1	0.1	1.0	4.9	11.2	15.5	18.1	23.1	2.8
	1981	3.7	0.0	-	0.0	0.1	0.2	0.9	5.0	11.6	16.5	16.5	23.6	2.8
	1979	3.8	-	0.0	0.0	0.1	0.2	1.1	5.6	11.8	16.3	18.1	23.7	3.0
Malignant neoplasms of digestive organs and peritoneum 150-159	1982	48.6	0.5	0.2	0.1	0.4	1.7	7.7	34.7	100.9	216.6	376.1	550.3	32.2
	1981	48.5	0.3	0.2	0.1	0.4	1.6	7.9	35.5	101.2	217.9	381.0	552.7	32.5
	1979	48.6	0.3	0.1	0.1	0.3	1.8	8.2	36.3	103.9	221.9	388.7	547.8	33.1
Malignant neoplasms of respiratory and intrathoracic organs 160-165	1982	50.2	0.2	0.0	0.1	0.1	0.8	8.8	56.0	150.8	254.6	263.5	196.0	37.5
	1981	48.5	0.2	0.0	0.0	0.1	0.7	9.5	56.7	145.9	245.3	252.6	187.7	36.6
	1979	45.9	0.0	0.0	0.0	0.1	0.8	9.8	56.0	140.9	231.0	238.1	170.3	35.2
Malignant neoplasm of breast 174-175	1982	16.3	0.1	0.0	0.0	0.0	1.7	8.8	24.4	43.0	59.3	83.5	126.1	12.5
	1981	16.0	0.0	0.0	0.0	0.0	1.7	8.9	25.0	42.4	59.6	80.5	121.6	12.5
	1979	15.4	-	-	-	0.0	1.6	9.1	25.3	41.3	56.6	77.4	114.2	12.2
Malignant neoplasms of genital organs 179-187	1982	20.5	0.1	0.0	0.0	0.4	1.6	3.9	13.0	35.4	87.3	175.9	257.7	13.2
	1981	20.4	0.1	0.0	0.0	0.4	1.5	4.2	13.6	35.9	87.1	174.2	258.3	13.3
	1979	20.2	0.0	0.0	0.1	0.5	1.6	4.7	14.5	35.6	88.3	176.0	252.0	13.6
Malignant neoplasms of urinary organs 188-189	1982	8.0	0.1	0.2	0.1	0.1	0.2	1.1	5.6	15.1	35.1	63.6	100.7	5.2
	1981	7.8	0.1	0.2	0.1	0.1	0.3	1.2	5.2	15.0	34.2	65.2	100.1	5.1
	1979	7.8	0.2	0.2	0.2	0.1	0.2	1.1	5.7	15.1	34.6	65.6	97.0	5.2
Malignant neoplasms of all other and unspecified sites 170-173,190-199	1982	22.9	1.7	2.4	1.7	2.2	3.7	8.9	23.6	52.4	90.0	137.5	188.6	17.0
	1981	22.5	1.3	2.4	1.7	2.1	3.7	8.9	24.1	51.4	89.6	133.8	187.6	16.8
	1979	21.6	1.7	2.2	1.7	2.3	3.7	8.6	24.0	49.8	86.4	130.2	175.8	16.4
Leukemia 204-208	1982	7.2	0.9	1.5	1.7	1.7	1.6	2.7	5.1	11.0	25.4	51.2	78.7	5.2
	1981	7.1	0.5	1.7	1.7	1.5	1.7	2.6	5.1	11.4	25.3	50.7	72.8	5.1
	1979	7.1	1.0	1.7	1.9	1.7	1.7	2.7	5.5	11.3	25.4	50.3	76.1	5.3
Other malignant neoplasms of lymphatic and hematopoietic tissues 200-203	1982	9.8	0.1	0.2	0.4	0.9	1.7	3.3	8.8	19.9	41.2	69.2	77.3	7.0
	1981	9.4	0.1	0.2	0.4	1.0	1.7	3.2	8.0	19.9	39.3	67.3	70.9	6.8
	1979	9.1	0.1	0.3	0.4	0.9	1.8	3.0	8.6	19.5	39.5	63.1	66.0	6.7

Cerebrovascular diseases . . . 430-438	1982	68.0	3.7	0.3	0.3	0.7	2.4	7.7	23.7	58.9	193.5	675.1	2,000.8	35.8
	1981	71.3	3.7	0.3	0.3	0.9	2.6	8.4	24.9	62.9	206.3	715.6	2,126.8	38.1
	1979	75.5	4.6	0.3	0.3	0.9	2.6	9.1	26.4	68.1	226.9	793.8	2,264.9	41.6
Accidents and adverse effects E800-E949	1982	40.6	28.1	22.5	13.2	51.2	40.5	32.7	34.2	37.3	50.9	103.9	255.9	36.6
	1981	43.9	27.3	23.6	14.2	56.0	45.1	35.7	37.7	40.4	54.3	108.2	273.3	39.8
	1979	46.9	31.5	26.5	16.1	62.6	45.7	38.4	39.4	43.5	58.8	117.8	276.0	42.9
Motor vehicle accidents E810-E825	1982	19.8	5.8	7.9	6.8	36.9	24.1	17.7	15.7	15.2	17.5	25.2	23.7	19.3
	1981	22.4	6.1	7.8	7.5	41.2	28.6	20.2	17.8	17.3	19.4	27.3	25.8	21.8
	1979	23.8	6.5	9.8	8.3	45.6	28.8	21.0	18.6	18.2	20.7	28.7	24.4	23.2
All other accidents and adverse effects . . . E800-E807,E826-E949	1982	20.8	22.4	14.5	6.5	14.4	16.4	15.0	18.4	22.1	33.4	78.7	232.2	17.3
	1981	21.5	21.2	15.8	6.7	14.8	16.4	15.5	19.8	23.0	34.9	81.0	247.6	18.0
	1979	23.1	25.0	16.7	7.7	17.0	16.9	17.4	20.8	25.2	38.1	89.2	251.6	19.6
Chronic obstructive pulmonary diseases and allied conditions 490-496	1982	25.8	1.7	0.4	0.3	0.5	0.6	1.6	9.5	41.7	131.2	236.0	278.0	16.2
	1981	25.7	1.7	0.3	0.3	0.4	0.5	1.7	10.0	43.3	132.6	231.5	274.7	16.3
	1979	22.2	1.9	0.5	0.2	0.3	0.5	1.7	9.3	40.2	117.0	200.6	230.2	14.6
Pneumonia and influenza . . . 480-487	1982	21.1	20.8	1.7	0.4	0.7	1.4	2.8	6.5	16.4	47.6	183.4	747.8	10.9
	1981	23.4	22.6	1.8	0.5	0.8	1.5	3.3	7.4	18.4	52.5	209.3	845.8	12.3
	1979	20.1	33.0	2.0	0.6	0.8	1.5	3.2	7.1	16.4	47.8	184.2	694.9	11.2
Diabetes mellitus 250	1982	14.9	0.3	0.1	0.1	0.3	1.4	3.3	9.2	25.5	60.1	125.4	212.1	9.6
	1981	15.1	0.2	0.1	0.1	0.4	1.4	3.5	9.6	25.6	61.9	127.7	217.2	9.8
	1979	14.8	0.1	0.1	0.1	0.4	1.4	3.6	9.0	25.8	61.3	130.3	211.6	9.8
Suicide E950-E959	1982	12.2	...	...	0.6	12.1	16.0	15.3	16.6	16.9	17.4	20.3	17.6	11.6
	1981	12.0	...	...	0.5	12.3	16.3	15.9	16.1	16.4	16.2	18.6	17.7	11.5
	1979	12.1	...	...	0.4	12.4	16.3	15.4	16.5	16.6	17.8	20.8	17.9	11.7
Chronic liver disease and cirrhosis 571	1982	11.9	0.9	0.1	0.0	0.2	3.1	10.7	25.4	36.9	40.1	31.1	17.9	10.5
	1981	12.8	0.8	0.1	0.0	0.2	3.1	12.2	28.3	39.3	42.4	31.0	20.7	11.4
	1979	13.2	1.0	0.1	0.0	0.2	3.4	13.9	31.0	40.9	41.8	28.3	18.1	12.0
Atherosclerosis 440	1982	11.6	0.0	0.0	0.0	0.0	0.0	0.1	1.0	4.5	20.6	102.9	563.0	4.8
	1981	12.2	-	0.0	-	0.0	0.0	0.2	1.0	4.5	21.4	112.1	608.7	5.2
	1979	12.8	0.1	-	-	0.0	0.0	0.1	0.9	4.8	24.4	125.3	649.1	5.7
Homicide and legal intervention E960-E978	1982	9.6	6.7	2.7	1.2	13.7	17.3	13.3	10.2	6.5	4.9	4.7	5.8	9.7
	1981	10.3	6.1	2.6	1.3	14.7	18.5	14.4	11.3	7.1	4.8	5.3	5.3	10.4
	1979	10.0	5.0	2.5	1.1	14.5	18.2	14.3	10.8	7.0	5.4	4.8	5.0	10.2
Certain conditions originating in the perinatal period 760-779	1982	9.0	568.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	(3)
	1981	9.4	599.7	0.6	0.0	0.0	0.0	-	-	0.0	-	-	0.1	(3)
	1979	10.4	680.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(3)
Nephritis, nephrotic syndrome, and nephrosis 580-589	1982	7.8	7.1	0.2	0.1	0.2	0.6	1.3	3.1	9.3	25.8	69.7	182.8	4.5
	1981	7.5	7.2	0.2	0.1	0.3	0.6	1.3	3.3	8.8	25.3	68.8	172.0	4.5
	1979	7.0	6.4	0.2	0.2	0.3	0.7	1.5	3.7	8.5	23.7	64.7	155.2	4.3
Congenital anomalies 740-759	1982	5.9	247.8	7.5	1.6	1.3	1.2	1.2	1.5	2.0	2.7	4.0	4.5	(3)
	1981	5.9	248.5	7.6	1.6	1.4	1.3	1.2	1.5	2.0	2.6	4.0	5.0	(3)
	1979	6.0	260.4	8.1	1.6	1.4	1.2	1.4	1.8	2.1	2.7	3.4	5.2	(3)

See footnotes at end of table.

Table 5. Age-specific and age-adjusted death rates for 15 leading causes and selected components: United States, 1979 and 1981-82—Con.

[Rates per 100,000 population in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	Year	Age											Age-adjusted rate ²	
		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
Septicemia 038	1982	5.0	7.5	0.6	0.1	0.2	0.4	0.9	2.5	6.8	15.8	41.1	106.9	3.0
	1981	4.6	8.4	0.7	0.1	0.2	0.5	1.0	2.5	6.3	14.4	37.7	95.1	2.9
	1979	3.6	7.6	0.5	0.1	0.2	0.4	0.8	2.2	4.9	12.4	29.7	70.3	2.3

¹Figures for age not stated included in All ages but not distributed among age groups.
²For method of computation, see Technical notes.
³Because deaths from these causes occur mainly among infants, age-adjusted rates are not shown.

Table 6. Deaths from 72 selected causes by age: United States, 1982

<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>
All causes	1,974,797	42,401	7,910	9,625	41,971	49,310	58,305	123,089	287,014	465,820	521,959	366,727	666
Shigellosis and amebiasis 004,006	16	3	-	-	1	1	1	-	4	1	4	1	-
Certain other intestinal infections 007-009	329	137	20	2	4	8	13	5	19	27	50	44	-
Tuberculosis 010-018	1,807	3	3	4	8	66	116	177	325	433	440	231	1
Tuberculosis of respiratory system 010-012	1,468	1	-	-	4	45	87	144	268	362	359	198	-
Other tuberculosis 013-018	339	2	3	4	4	21	29	33	57	71	81	33	1
Whooping cough 033	4	4	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas 034-035	18	-	2	-	-	4	-	2	1	1	2	6	-
Meningococcal infection 036	364	95	78	19	50	20	29	11	22	22	14	4	-
Septicemia 038	11,493	274	81	28	72	166	257	558	1,504	2,553	3,390	2,606	4
Acute poliomyelitis 045	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles 055	2	-	-	-	1	-	-	1	-	-	-	-	-
Viral hepatitis 070	814	12	13	5	60	88	62	107	160	165	105	36	1
Syphilis 090-097	126	10	-	-	3	2	4	5	19	29	38	16	-
All other infectious and parasitic diseases 001-003,005, 020-032,037,039-041,046-054, 056-066,071-088,098-139	4,502	199	110	102	178	285	340	420	722	996	728	422	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues. 140-208	433,795	135	628	1,410	2,455	5,179	12,990	39,415	97,237	133,183	102,141	38,958	64
Malignant neoplasms of lip, oral cavity, and pharynx 140-149	8,528	3	-	5	40	59	277	1,093	2,484	2,507	1,493	563	4
Malignant neoplasms of digestive organs and peritoneum. 150-159	112,564	19	30	40	152	650	2,162	7,781	22,312	34,971	31,017	13,411	19
Malignant neoplasms of respiratory and intrathoracic organs. 160-165	116,359	6	6	19	51	300	2,472	12,536	33,347	41,100	21,729	4,777	16
Malignant neoplasm of breast. 174-175	37,685	4	2	5	13	674	2,480	5,474	9,505	9,567	6,884	3,074	3
Malignant neoplasms of genital organs 179-187	47,547	3	4	15	174	628	1,110	2,905	7,820	14,087	14,507	6,281	13
Malignant neoplasms of urinary organs 188-189	18,460	3	24	43	35	92	308	1,253	3,340	5,663	5,245	2,454	-
Malignant neoplasms of all other and unspecified sites. 170-173,190-199	53,191	61	335	583	910	1,458	2,500	5,280	11,590	14,534	11,338	4,595	7
Leukemia 204-208	16,704	33	200	566	689	641	762	1,132	2,440	4,102	4,221	1,918	-
Other malignant neoplasms of lymphatic and hematopoietic tissues 200-203	22,757	3	27	134	391	677	919	1,961	4,399	6,652	5,707	1,885	2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature. 210-239	6,460	60	56	93	133	176	244	478	1,063	1,661	1,677	818	1
Diabetes mellitus 250	34,583	11	12	40	134	533	922	2,060	5,643	9,711	10,339	5,170	8
Nutritional deficiencies. 260-269	2,430	31	9	3	7	15	19	44	133	362	789	1,015	3
Anemias. 280-285	3,292	35	69	61	127	134	117	106	262	585	964	832	-
Meningitis 320-322	1,282	331	187	46	29	54	56	82	138	149	128	82	-

Table 6. Deaths from 72 selected causes by age: United States, 1982—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..... 390-448	967,868	922	364	495	1,494	4,383	13,993	44,526	121,302	229,480	304,035	246,653	221
Diseases of heart 390-398,402,404-429	755,592	769	311	360	1,112	3,223	11,450	37,934	103,633	186,704	231,000	178,920	176
Rheumatic fever and rheumatic heart disease..... 390-398	7,053	6	7	15	63	140	261	589	1,482	2,244	1,657	587	2
Hypertensive heart disease... 402	20,779	3	1	1	19	131	451	1,444	3,306	5,258	6,142	4,009	14
Hypertensive heart and renal disease 404	3,028	1	-	-	4	26	24	68	241	594	1,076	993	1
Ischemic heart disease... 410-414	552,786	30	21	46	131	1,295	7,456	27,497	77,004	140,770	171,001	127,419	116
Acute myocardial infarction..... 410	291,031	20	11	26	90	816	4,907	18,195	49,920	85,542	86,793	44,666	45
Other acute and subacute forms of ischemic heart disease 411	4,120	-	-	-	6	31	132	412	875	1,121	947	593	3
Angina pectoris 413	605	-	-	-	1	5	7	36	83	154	220	99	-
Old myocardial infarction and other forms of chronic ischemic heart disease 412,414	257,030	10	10	20	34	443	2,410	8,854	26,126	53,953	83,041	82,061	68
Other diseases of endocardium..... 424	7,793	16	10	12	45	100	146	361	933	1,863	2,711	1,595	1
All other forms of heart disease 415-423,425-429	164,153	713	272	286	850	1,531	3,112	7,975	20,667	35,975	48,413	44,317	42
Hypertension with or without renal disease 401,403	7,571	5	-	4	11	49	110	334	894	1,739	2,395	2,027	3
Cerebrovascular diseases... 430-438	157,710	133	43	110	295	943	2,157	5,309	13,024	31,246	55,667	48,759	24
Intracerebral and other intracranial hemorrhage..... 431-432	19,895	86	14	51	109	333	755	1,844	3,285	4,961	5,575	2,876	6
Cerebral thrombosis and unspecified occlusion of cerebral arteries 434.0,434.9	28,361	12	6	10	23	48	122	520	1,793	5,234	10,561	10,027	5
Cerebral embolism 434.1	759	-	-	-	4	5	8	29	76	188	268	181	-
All other and late effects of cerebrovascular diseases 430,433,435-438	108,695	35	23	49	159	557	1,272	2,916	7,870	20,863	39,263	35,675	13
Atherosclerosis..... 440	26,823	1	3	4	2	9	42	219	991	3,332	8,486	13,720	14
Other diseases of arteries, arterioles, and capillaries..... 441-448	20,172	14	7	17	74	159	234	730	2,760	6,459	6,487	3,227	4
Acute bronchitis and bronchiolitis 466	503	74	27	6	8	16	12	21	37	59	116	127	-
Pneumonia and influenza... 480-487	48,886	756	230	142	310	551	775	1,461	3,616	7,677	15,127	18,225	16
Pneumonia..... 480-486	48,159	748	226	137	306	544	762	1,446	3,576	7,591	14,930	17,877	16
Influenza..... 487	727	8	4	5	4	7	13	15	40	86	197	348	-
Chronic obstructive pulmonary diseases and allied conditions 490-496	59,869	61	59	87	201	223	447	2,128	9,225	21,185	19,464	6,776	13
Bronchitis, chronic and unspecified 490-491	3,495	41	24	6	17	14	33	130	468	1,053	1,109	599	1
Emphysema 492	12,793	2	-	-	5	9	70	474	2,194	4,845	4,034	1,156	4
Asthma 493	3,154	8	26	70	162	169	176	341	582	793	593	234	-
Other chronic obstructive pulmonary diseases and allied conditions 494-496	40,427	10	9	11	17	31	168	1,183	5,981	14,494	13,728	4,787	8

Ulcer of stomach and duodenum 531-533	6,738	13	2	7	16	70	129	323	851	1,599	2,139	1,586	3
Appendicitis 540-543	529	7	9	29	12	9	21	38	83	113	122	86	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia. 550-553,560	5,054	130	29	15	38	43	74	178	407	911	1,597	1,631	1
Chronic liver disease and cirrhosis. . . 571	27,690	31	10	15	87	1,202	3,007	5,694	8,160	6,474	2,566	437	7
Cholelithiasis and other disorders of gallbladder 574-575	2,941	2	-	3	8	15	42	108	262	665	978	858	-
Nephritis, nephrotic syndrome, and nephrosis. 580-589	18,102	260	28	32	81	225	365	689	2,057	4,163	5,744	4,455	3
Acute glomerulonephritis and nephrotic syndrome 580-581	309	8	3	4	1	6	6	19	42	63	104	53	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified 582-583,587	1,946	7	4	4	19	48	56	97	218	433	613	447	-
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause. 584-586,588-589	15,847	245	21	24	61	171	303	573	1,797	3,667	5,027	3,955	3
Infections of kidney 590	2,218	8	1	3	7	22	27	71	162	418	786	713	-
Hyperplasia of prostate 600	655	-	-	-	-	-	-	1	23	105	241	285	-
Complications of pregnancy, childbirth, and the puerperium. 630-676	292	...	...	2	86	157	45	2	...	...	...	...	...
Pregnancy with abortive outcome. 630-638	55	...	...	-	19	27	8	1	...	...	...	...	...
Other complications of pregnancy, childbirth, and the puerperium 640-676	237	...	...	2	67	130	37	1	...	...	...	...	...
Congenital anomalies 740-759	13,604	9,024	1,028	553	560	453	331	333	436	439	330	110	7
Certain conditions originating in the perinatal period. 760-779	20,794	20,685	77	7	9	5	2	2	1	2	-	-	4
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome. 767-769	6,183	6,144	24	2	3	5	2	1	1	1	-	-	-
Other conditions originating in the perinatal period 760-766,770-779	14,611	14,541	53	5	6	-	-	1	-	1	-	-	4
Symptoms, signs, and ill-defined conditions 780-799	29,814	5,933	269	147	961	1,645	1,392	1,995	3,516	4,778	4,990	4,118	70
All other diseases. Residual	120,029	1,815	981	1,099	2,246	3,657	4,738	8,013	15,870	25,852	32,162	23,565	31
Accidents and adverse effects E800-E949	94,082	1,024	3,084	4,504	21,306	15,941	9,194	7,654	8,253	8,224	8,564	6,237	97
Motor vehicle accidents. E810-E825	45,779	210	1,090	2,301	15,324	9,491	4,978	3,524	3,355	2,825	2,074	578	29
All other accidents and adverse effects. E800-E807,E826-E949	48,303	814	1,994	2,203	5,982	6,450	4,216	4,130	4,898	5,399	6,490	5,659	68
Suicide. E950-E959	28,242	...	...	200	5,025	6,316	4,315	3,710	3,741	2,812	1,678	429	16
Homicide and legal intervention. E960-E978	22,358	243	377	403	5,695	6,813	3,729	2,285	1,428	794	386	141	64
All other external causes. E980-E999	3,212	73	67	63	559	833	497	386	332	192	125	54	31

Table 7. Death rates for 72 selected causes by age: United States, 1982

[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	852.0	1,164.2	57.6	28.3	101.0	125.2	207.4	549.7	1,297.9	2,885.2	6,329.8	15,048.3
Shigellosis and amebiasis 004,006	0.0	0.1	-	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0
Certain other intestinal infections 007-009	0.1	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.8
Tuberculosis 010-018	0.8	0.1	0.0	0.0	0.0	0.2	0.4	0.8	1.5	2.7	5.3	9.5
Tuberculosis of respiratory system 010-012	0.6	0.0	-	-	0.0	0.1	0.3	0.6	1.2	2.2	4.4	8.1
Other tuberculosis 013-018	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.4	1.0	1.4
Whooping cough 033	0.0	0.1	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas 034-035	0.0	-	0.0	-	-	0.0	-	0.0	0.0	0.0	0.0	0.2
Meningococcal infection 036	0.2	2.6	0.6	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.2
Septicemia 038	5.0	7.5	0.6	0.1	0.2	0.4	0.9	2.5	6.8	15.8	41.1	106.9
Acute poliomyelitis 045	-	-	-	-	-	-	-	-	-	-	-	-
Measles 055	0.0	-	-	-	0.0	-	-	0.0	-	-	-	-
Viral hepatitis 070	0.4	0.3	0.1	0.0	0.1	0.2	0.2	0.5	0.7	1.0	1.3	1.5
Syphilis 090-097	0.1	0.3	-	-	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7
All other infectious and parasitic diseases 001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	1.9	5.5	0.8	0.3	0.4	0.7	1.2	1.9	3.3	6.2	8.8	17.3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues 140-208	187.2	3.7	4.6	4.1	5.9	13.2	46.2	176.0	439.7	824.9	1,238.7	1,598.6
Malignant neoplasms of lip, oral cavity, and pharynx 140-149	3.7	0.1	-	0.0	0.1	0.1	1.0	4.9	11.2	15.5	18.1	23.1
Malignant neoplasms of digestive organs and peritoneum 150-159	48.6	0.5	0.2	0.1	0.4	1.7	7.7	34.7	100.9	216.6	376.1	550.3
Malignant neoplasms of respiratory and intrathoracic organs 160-165	50.2	0.2	0.0	0.1	0.1	0.8	8.8	56.0	150.8	254.6	263.5	196.0
Malignant neoplasm of breast 174-175	16.3	0.1	0.0	0.0	0.0	1.7	8.8	24.4	43.0	59.3	83.5	126.1
Malignant neoplasms of genital organs 179-187	20.5	0.1	0.0	0.0	0.4	1.6	3.9	13.0	35.4	87.3	175.9	257.7
Malignant neoplasms of urinary organs 188-189	8.0	0.1	0.2	0.1	0.1	0.2	1.1	5.6	15.1	35.1	63.6	100.7
Malignant neoplasms of all other and unspecified sites 170-173,190-199	22.9	1.7	2.4	1.7	2.2	3.7	8.9	23.6	52.4	90.0	137.5	188.6
Leukemia 204-208	7.2	0.9	1.5	1.7	1.7	1.6	2.7	5.1	11.0	25.4	51.2	78.7
Other malignant neoplasms of lymphatic and hematopoietic tissues 200-203	9.8	0.1	0.2	0.4	0.9	1.7	3.3	8.8	19.9	41.2	69.2	77.3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature 210-239	2.8	1.6	0.4	0.3	0.3	0.4	0.9	2.1	4.8	10.3	20.3	33.6
Diabetes mellitus 250	14.9	0.3	0.1	0.1	0.3	1.4	3.3	9.2	25.5	60.1	125.4	212.1
Nutritional deficiencies 260-269	1.0	0.9	0.1	0.0	0.0	0.0	0.1	0.2	0.6	2.2	9.6	41.6
Anemias 280-285	1.4	1.0	0.5	0.2	0.3	0.3	0.4	0.5	1.2	3.6	11.7	34.1
Meningitis 320-322	0.6	9.1	1.4	0.1	0.1	0.1	0.2	0.4	0.6	0.9	1.6	3.4
Major cardiovascular diseases 390-448	417.6	25.3	2.7	1.5	3.6	11.1	49.8	198.8	548.6	1,421.4	3,687.1	10,121.2
Diseases of heart 390-398,402,404-429	326.0	21.1	2.3	1.1	2.7	8.2	40.7	169.4	468.7	1,156.4	2,801.4	7,341.8
Rheumatic fever and rheumatic heart disease 390-398	3.0	0.2	0.1	0.0	0.2	0.4	0.9	2.6	6.7	13.9	20.1	24.1
Hypertensive heart disease 402	9.0	0.1	0.0	0.0	0.0	0.3	1.6	6.4	15.0	32.6	74.5	164.5
Hypertensive heart and renal disease 404	1.3	0.0	-	-	0.0	0.1	0.1	0.3	1.1	3.7	13.0	40.7
Ischemic heart disease 410-414	238.5	0.8	0.2	0.1	0.3	3.3	26.5	122.8	348.2	871.9	2,073.7	5,228.5
Acute myocardial infarction 410	125.6	0.5	0.1	0.1	0.2	2.1	17.5	81.3	225.7	529.8	1,052.5	1,832.8
Other acute and subacute forms of ischemic heart disease 411	1.8	-	-	-	0.0	0.1	0.5	1.8	4.0	6.9	11.5	24.3
Angina pectoris 413	0.3	-	-	-	0.0	0.0	0.0	0.2	0.4	1.0	2.7	4.1

Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	110.9	0.3	0.1	0.1	0.1	1.1	8.6	39.5	118.1	334.2	1,007.0	3,367.3
Other diseases of endocardium	424	3.4	0.4	0.1	0.0	0.1	0.3	0.5	1.6	4.2	11.5	32.9	65.4
All other forms of heart disease	415-423,425-429	70.8	19.6	2.0	0.8	2.0	3.9	11.1	35.6	93.5	222.8	587.1	1,818.5
Hypertension with or without renal disease	401,403	3.3	0.1	-	0.0	0.0	0.1	0.4	1.5	4.0	10.8	29.0	83.2
Cerebrovascular diseases	430-438	68.0	3.7	0.3	0.3	0.7	2.4	7.7	23.7	58.9	193.5	675.1	2,000.8
Intracerebral and other intracranial hemorrhage	431-432	8.6	2.4	0.1	0.1	0.3	0.8	2.7	8.2	14.9	30.7	67.6	118.0
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	12.2	0.3	0.0	0.0	0.1	0.1	0.4	2.3	8.1	32.4	128.1	411.4
Cerebral embolism	434.1	0.3	-	-	-	0.0	0.0	0.0	0.1	0.3	1.2	3.3	7.4
All other and late effects of cerebrovascular diseases	430,433,435-438	46.9	1.0	0.2	0.1	0.4	1.4	4.5	13.0	35.6	129.2	476.1	1,463.9
Atherosclerosis	440	11.6	0.0	0.0	0.0	0.0	0.0	0.1	1.0	4.5	20.6	102.9	563.0
Other diseases of arteries, arterioles, and capillaries	441-448	8.7	0.4	0.1	0.0	0.2	0.4	0.8	3.3	12.5	40.0	78.7	132.4
Acute bronchitis and bronchiolitis	466	0.2	2.0	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.4	1.4	5.2
Pneumonia and influenza	480-487	21.1	20.8	1.7	0.4	0.7	1.4	2.8	6.5	16.4	47.6	183.4	747.8
Pneumonia	480-486	20.8	20.5	1.6	0.4	0.7	1.4	2.7	6.5	16.2	47.0	181.1	733.6
Influenza	487	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	2.4	14.3
Chronic obstructive pulmonary diseases and allied conditions	490-496	25.8	1.7	0.4	0.3	0.5	0.6	1.6	9.5	41.7	131.2	236.0	278.0
Bronchitis, chronic and unspecified	490-491	1.5	1.1	0.2	0.0	0.0	0.0	0.1	0.6	2.1	6.5	13.4	24.6
Emphysema	492	5.5	0.1	-	-	0.0	0.0	0.2	2.1	9.9	30.0	48.9	47.4
Asthma	493	1.4	0.2	0.2	0.2	0.4	0.4	0.6	1.5	2.6	4.9	7.2	9.6
Other chronic obstructive pulmonary diseases and allied conditions	494-496	17.4	0.3	0.1	0.0	0.0	0.1	0.6	5.3	27.0	89.8	166.5	196.4
Ulcer of stomach and duodenum	531-533	2.9	0.4	0.0	0.0	0.0	0.2	0.5	1.4	3.8	9.9	25.9	65.1
Appendicitis	540-543	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.2	0.4	0.7	1.5	3.5
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	2.2	3.6	0.2	0.0	0.1	0.1	0.3	0.8	1.8	5.6	19.4	66.9
Chronic liver disease and cirrhosis	571	11.9	0.9	0.1	0.0	0.2	3.1	10.7	25.4	36.9	40.1	31.1	17.9
Cholelithiasis and other disorders of gallbladder	574-575	1.3	0.1	-	0.0	0.0	0.0	0.1	0.5	1.2	4.1	11.9	35.2
Nephritis, nephrotic syndrome, and nephrosis	580-589	7.8	7.1	0.2	0.1	0.2	0.6	1.3	3.1	9.3	25.8	69.7	182.8
Acute glomerulonephritis and nephrotic syndrome	580-581	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	1.3	2.2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	0.8	0.2	0.0	0.0	0.0	0.1	0.2	0.4	1.0	2.7	7.4	18.3
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	6.8	6.7	0.2	0.1	0.1	0.4	1.1	2.6	8.1	22.7	61.0	162.3
Infections of kidney	590	1.0	0.2	0.0	0.0	0.0	0.1	0.1	0.3	0.7	2.6	9.5	29.3
Hyperplasia of prostate	600	0.3	-	-	-	-	-	-	0.0	0.1	0.7	2.9	11.7
Complications of pregnancy, childbirth, and the puerperium	630-676	0.1	...	...	0.0	0.2	0.4	0.2	0.0	...	...	...	...
Pregnancy with abortive outcome	630-638	0.0	...	...	-	0.0	0.1	0.0	0.0	...	...	...	...
Other complications of pregnancy, childbirth, and the puerperium	640-676	0.1	...	...	0.0	0.2	0.3	0.1	0.0	...	...	...	...
Congenital anomalies	740-759	5.9	247.8	7.5	1.6	1.3	1.2	1.2	1.5	2.0	2.7	4.0	4.5
Certain conditions originating in the perinatal period	760-779	9.0	568.0	0.6	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	2.7	168.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
Other conditions originating in the perinatal period	760-766,770-779	6.3	399.3	0.4	0.0	0.0	-	-	0.0	-	0.0	-	-

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

Table 7. Death rates for 72 selected causes by age: United States, 1982—Con.

[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>
Symptoms, signs, and ill-defined conditions 780-799	12.9	162.9	2.0	0.4	2.3	4.2	5.0	8.9	15.9	29.6	60.5	169.0
All other diseases Residual	51.8	49.8	7.1	3.2	5.4	9.3	16.9	35.8	71.8	160.1	390.0	967.0
Accidents and adverse effects E800-E949	40.6	28.1	22.5	13.2	51.2	40.5	32.7	34.2	37.3	50.9	103.9	255.9
Motor vehicle accidents E810-E825	19.8	5.8	7.9	6.8	36.9	24.1	17.7	15.7	15.2	17.5	25.2	23.7
All other accidents and adverse effects E800-E807, E826-E949	20.8	22.4	14.5	6.5	14.4	16.4	15.0	18.4	22.1	33.4	78.7	232.2
Suicide E950-E959	12.2	...	...	0.6	12.1	16.0	15.3	16.6	16.9	17.4	20.3	17.6
Homicide and legal intervention E960-E978	9.6	6.7	2.7	1.2	13.7	17.3	13.3	10.2	6.5	4.9	4.7	5.8
All other external causes E980-E999	1.4	2.0	0.5	0.2	1.3	2.1	1.8	1.7	1.5	1.2	1.5	2.2

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

Table 8. Deaths from 72 selected causes by race and sex: United States, 1982

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	1,974,797	1,056,440	918,357	1,729,085	919,239	809,846	245,712	137,201	108,511	226,513	125,610	100,903
Shigellosis and amebiasis 004,006	16	8	8	12	5	7	4	3	1	3	3	-
Certain other intestinal infections 007-009	329	148	181	233	103	130	96	45	51	87	39	48
Tuberculosis 010-018	1,807	1,202	605	1,135	745	390	672	457	215	587	412	175
Tuberculosis of respiratory system 010-012	1,468	1,014	454	962	647	315	506	367	139	444	328	116
Other tuberculosis 013-018	339	188	151	173	98	75	166	90	76	143	84	59
Whooping cough 033	4	2	2	4	2	2	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas 034-035	18	11	7	14	8	6	4	3	1	2	1	1
Meningococcal infection 036	364	177	187	282	132	150	82	45	37	75	44	31
Septicemia 038	11,493	5,469	6,024	9,192	4,357	4,835	2,301	1,112	1,189	2,162	1,046	1,116
Acute poliomyelitis 045	-	-	-	-	-	-	-	-	-	-	-	-
Measles 055	2	1	1	2	1	1	-	-	-	-	-	-
Viral hepatitis 070	814	444	370	646	360	286	168	84	84	125	56	69
Syphilis 090-097	126	76	50	84	47	37	42	29	13	40	28	12
All other infectious and parasitic diseases 001-003,005, 020-032,037,039-041,046-054, 056-066,071-088,098-139	4,502	2,351	2,151	3,636	1,881	1,755	866	470	396	778	416	362
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues 140-208	433,795	233,864	199,931	382,652	204,477	178,175	51,143	29,387	21,756	47,316	27,226	20,090
Malignant neoplasms of lip, oral cavity, and pharynx 140-149	8,528	5,856	2,672	7,158	4,833	2,325	1,370	1,023	347	1,257	945	312
Malignant neoplasms of digestive organs and peritoneum 150-159	112,564	58,950	53,614	98,093	50,774	47,319	14,471	8,176	6,295	13,076	7,329	5,747
Malignant neoplasms of respiratory and intrathoracic organs 160-165	116,359	83,027	33,332	103,042	72,924	30,118	13,317	10,103	3,214	12,537	9,545	2,992
Malignant neoplasm of breast 174-175	37,685	271	37,414	33,837	236	33,601	3,848	35	3,813	3,602	35	3,567
Malignant neoplasms of genital organs 179-187	47,547	24,715	22,832	40,518	20,688	19,830	7,029	4,027	3,002	6,658	3,875	2,783
Malignant neoplasms of urinary organs 188-189	18,460	12,090	6,370	16,818	11,125	5,693	1,642	965	677	1,516	885	631
Malignant neoplasms of all other and unspecified sites 170-173,190-199	53,191	27,926	25,265	47,573	24,944	22,629	5,618	2,982	2,636	5,176	2,747	2,429
Leukemia 204-208	16,704	9,244	7,460	15,152	8,402	6,750	1,552	842	710	1,378	745	633
Other malignant neoplasms of lymphatic and hematopoietic tissues 200-203	22,757	11,785	10,972	20,461	10,551	9,910	2,296	1,234	1,062	2,116	1,120	996

Table 8. Deaths from 72 selected causes by race and sex: United States, 1982—Con.

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
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature 210-239	6,460	2,977	3,483	5,654	2,617	3,037	806	360	446	748	331	417
Diabetes mellitus 250	34,583	14,171	20,412	28,910	12,092	16,818	5,673	2,079	3,594	5,227	1,878	3,349
Nutritional deficiencies 260-269	2,430	994	1,436	2,049	818	1,231	381	176	205	346	159	187
Anemias 280-285	3,292	1,452	1,840	2,620	1,132	1,488	672	320	352	632	296	336
Meningitis 320-322	1,282	700	582	912	492	420	370	208	162	339	196	143
Major cardiovascular diseases 390-448	967,868	489,179	478,689	865,762	437,281	428,481	102,106	51,898	50,208	95,079	47,632	47,447
Diseases of heart 390-398, 402,404-429	755,592	398,570	357,022	678,837	358,308	320,529	76,755	40,262	36,493	71,468	36,925	34,543
Rheumatic fever and rheumatic heart disease 390-398	7,053	2,336	4,717	6,504	2,133	4,371	549	203	346	458	158	300
Hypertensive heart disease 402	20,779	8,896	11,883	15,392	6,341	9,051	5,387	2,555	2,832	5,197	2,449	2,748
Hypertensive heart and renal disease 404	3,028	1,222	1,806	2,354	948	1,406	674	274	400	653	266	387
Ischemic heart disease 410-414	552,786	300,820	251,966	507,177	276,601	230,576	45,609	24,219	21,390	41,912	21,802	20,110
Acute myocardial infarction 410	291,031	170,372	120,659	267,971	157,748	110,223	23,060	12,624	10,436	21,099	11,345	9,754
Other acute and subacute forms of ischemic heart disease 411	4,120	2,611	1,509	3,488	2,230	1,258	632	381	251	598	356	242
Angina pectoris 413	605	311	294	563	295	268	42	16	26	38	13	25
Old myocardial infarction and other forms of chronic ischemic heart disease 412,414	257,030	127,526	129,504	235,155	116,328	118,827	21,875	11,198	10,677	20,177	10,088	10,089
Other diseases of endocardium 424	7,793	3,730	4,063	7,065	3,368	3,697	728	362	366	654	320	334
All other forms of heart disease 415-423, 425-429	164,153	81,566	82,587	140,345	68,917	71,428	23,808	12,649	11,159	22,594	11,930	10,664
Hypertension with or without renal disease 401,403	7,571	3,432	4,139	6,006	2,740	3,266	1,565	692	873	1,489	650	839
Cerebrovascular diseases 430-438	157,710	63,855	93,855	137,641	54,726	82,915	20,069	9,129	10,940	18,698	8,414	10,284
Intracerebral and other intracranial hemorrhage 431-432	19,895	9,071	10,824	16,519	7,323	9,196	3,376	1,748	1,628	3,087	1,571	1,516
Cerebral thrombosis and unspecified occlusion of cerebral arteries 434.0,434.9	28,361	11,295	17,066	25,434	9,971	15,463	2,927	1,324	1,603	2,726	1,230	1,496

Cerebral embolism	434.1	759	308	451	702	286	416	57	22	35	52	19	33
All other and late effects of cerebrovascular diseases	430, 433,435-438	108,695	43,181	65,514	94,986	37,146	57,840	13,709	6,035	7,674	12,833	5,594	7,239
Atherosclerosis	440	26,823	10,583	16,240	24,789	9,689	15,100	2,034	894	1,140	1,898	826	1,072
Other diseases of arteries, arterioles, and capillaries	441-448	20,172	12,739	7,433	18,489	11,818	6,671	1,683	921	762	1,526	817	709
Acute bronchitis and bronchiolitis	466	503	250	253	433	205	228	70	45	25	59	36	23
Pneumonia and influenza	480-487	48,886	25,325	23,561	43,515	22,100	21,415	5,371	3,225	2,146	4,799	2,884	1,915
Pneumonia	480-486	48,159	25,030	23,129	42,829	21,827	21,002	5,330	3,203	2,127	4,772	2,869	1,903
Influenza	487	727	295	432	686	273	413	41	22	19	27	15	12
Chronic obstructive pulmonary diseases and allied conditions	490-496	59,869	39,702	20,167	55,887	36,970	18,917	3,982	2,732	1,250	3,631	2,489	1,142
Bronchitis, chronic and unspecified	490-491	3,495	2,126	1,369	3,311	2,010	1,301	184	116	68	163	102	61
Emphysema	492	12,793	9,037	3,756	12,155	8,533	3,622	638	504	134	579	454	125
Asthma	493	3,154	1,314	1,840	2,450	983	1,467	704	331	373	647	301	346
Other chronic obstructive pulmonary diseases and allied conditions	494-496	40,427	27,225	13,202	37,971	25,444	12,527	2,456	1,781	675	2,242	1,632	610
Ulcer of stomach and duodenum	531-533	6,738	3,422	3,316	6,063	3,032	3,031	675	390	285	593	339	254
Appendicitis	540-543	529	303	226	413	236	177	116	67	49	108	62	46
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	5,054	1,965	3,089	4,416	1,617	2,799	638	348	290	607	324	283
Chronic liver disease and cirrhosis	571	27,690	17,917	9,773	23,409	15,249	8,160	4,281	2,668	1,613	3,839	2,408	1,431
Cholelithiasis and other disorders of gallbladder	574-575	2,941	1,289	1,652	2,663	1,177	1,486	278	112	166	230	87	143
Nephritis, nephrotic syndrome, and nephrosis	580-589	18,102	9,165	8,937	14,453	7,405	7,048	3,649	1,760	1,889	3,417	1,650	1,767
Acute glomerulonephritis and nephrotic syndrome	580-581	309	151	158	247	120	127	62	31	31	59	30	29
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	1,946	984	962	1,558	798	760	388	186	202	353	172	181
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	15,847	8,030	7,817	12,648	6,487	6,161	3,199	1,543	1,656	3,005	1,448	1,557
Infections of kidney	590	2,218	733	1,485	1,953	629	1,324	265	104	161	249	98	151
Hyperplasia of prostate	600	655	655	...	565	565	...	90	90	...	87	87	...
Complications of pregnancy, childbirth, and the puerperium	630-676	292	...	292	171	...	171	121	...	121	108	...	108
Pregnancy with abortive outcome	630-638	55	...	55	27	...	27	28	...	28	23	...	23
Other complications of pregnancy, childbirth, and the puerperium	640-676	237	...	237	144	...	144	93	...	93	85	...	85

Table 8. Deaths from 72 selected causes by race and sex: United States, 1982—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
Congenital anomalies... 740-759	13,604	7,157	6,447	11,129	5,883	5,246	2,475	1,274	1,201	2,141	1,092	1,049
Certain conditions originating in the perinatal period 760-779	20,794	11,876	8,918	13,932	8,003	5,929	6,862	3,873	2,989	6,464	3,633	2,831
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome 767-769	6,183	3,695	2,488	4,485	2,676	1,809	1,698	1,019	679	1,582	944	638
Other conditions originating in the perinatal period 760-766,770-779	14,611	8,181	6,430	9,447	5,327	4,120	5,164	2,854	2,310	4,882	2,689	2,193
Symptoms, signs, and ill-defined conditions 780-799	29,814	17,060	12,754	22,376	12,753	9,623	7,438	4,307	3,131	6,938	4,014	2,924
All other diseases Residual	120,029	59,392	60,637	102,545	50,048	52,497	17,484	9,344	8,140	16,177	8,599	7,578
Accidents and adverse effects E800-E949	94,082	65,754	28,328	80,392	55,896	24,496	13,690	9,858	3,832	11,688	8,449	3,239
Motor vehicle accidents E810-E825	45,779	33,191	12,588	40,191	29,073	11,118	5,588	4,118	1,470	4,493	3,387	1,106
All other accidents and adverse effects E800-E807, E826-E949	48,303	32,563	15,740	40,201	26,823	13,378	8,102	5,740	2,362	7,195	5,062	2,133
Suicide E950-E959	28,242	21,625	6,617	26,141	19,965	6,176	2,101	1,660	441	1,639	1,327	312
Homicide and legal intervention E960-E978	22,358	17,315	5,043	12,439	9,260	3,179	9,919	8,055	1,864	9,473	7,730	1,743
All other external causes E980-E999	3,212	2,309	903	2,391	1,696	695	821	613	208	720	539	181

Table 9. Death rates for 72 selected causes by race and sex: United States, 1982

[Rates per 100,000 population in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All other											
	All races			White			Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All causes.....	852.0	938.0	770.7	872.9	951.8	797.9	728.9	854.8	614.5	819.2	960.4	692.4
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	-
Certain other intestinal infections.....007-009	0.1	0.1	0.2	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3
Tuberculosis.....010-018	0.8	1.1	0.5	0.6	0.8	0.4	2.0	2.8	1.2	2.1	3.2	1.2
Tuberculosis of respiratory system.....010-012	0.6	0.9	0.4	0.5	0.7	0.3	1.5	2.3	0.8	1.6	2.5	0.8
Other tuberculosis.....013-018	0.1	0.2	0.1	0.1	0.1	0.1	0.5	0.6	0.4	0.5	0.6	0.4
Whooping cough.....033	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	0.0	0.0
Meningococcal infection.....036	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.3	0.2	0.3	0.3	0.2
Septicemia.....038	5.0	4.9	5.1	4.6	4.5	4.8	6.8	6.9	6.7	7.8	8.0	7.7
Acute poliomyelitis.....045	-	-	-	-	-	-	-	-	-	-	-	-
Measles.....055	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-
Viral hepatitis.....070	0.4	0.4	0.3	0.3	0.4	0.3	0.5	0.5	0.5	0.5	0.4	0.5
Syphilis.....090-097	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.1
All other infectious and parasitic diseases.....001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	1.9	2.1	1.8	1.8	1.9	1.7	2.6	2.9	2.2	2.8	3.2	2.5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.....140-208	187.2	207.6	167.8	193.2	211.7	175.6	151.7	183.1	123.2	171.1	208.2	137.9
Malignant neoplasms of lip, oral cavity, and pharynx...140-149	3.7	5.2	2.2	3.6	5.0	2.3	4.1	6.4	2.0	4.5	7.2	2.1
Malignant neoplasms of digestive organs and peritoneum.....150-159	48.6	52.3	45.0	49.5	52.6	46.6	42.9	50.9	35.6	47.3	56.0	39.4
Malignant neoplasms of respiratory and intrathoracic organs.....160-165	50.2	73.7	28.0	52.0	75.5	29.7	39.5	62.9	18.2	45.3	73.0	20.5
Malignant neoplasm of breast.....174-175	16.3	0.2	31.4	17.1	0.2	33.1	11.4	0.2	21.6	13.0	0.3	24.5
Malignant neoplasms of genital organs.....179-187	20.5	21.9	19.2	20.5	21.4	19.5	20.9	25.1	17.0	24.1	29.6	19.1
Malignant neoplasms of urinary organs.....188-189	8.0	10.7	5.3	8.5	11.5	5.6	4.9	6.0	3.8	5.5	6.8	4.3
Malignant neoplasms of all other and unspecified sites.....170-173,190-199	22.9	24.8	21.2	24.0	25.8	22.3	16.7	18.6	14.9	18.7	21.0	16.7
Leukemia.....204-208	7.2	8.2	6.3	7.6	8.7	6.7	4.6	5.2	4.0	5.0	5.7	4.3
Other malignant neoplasms of lymphatic and hematopoietic tissues.....200-203	9.8	10.5	9.2	10.3	10.9	9.8	6.8	7.7	6.0	7.7	8.6	6.8
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature.....210-239	2.8	2.6	2.9	2.9	2.7	3.0	2.4	2.2	2.5	2.7	2.5	2.9
Diabetes mellitus.....250	14.9	12.6	17.1	14.6	12.5	16.6	16.8	13.0	20.4	18.9	14.4	23.0
Nutritional deficiencies.....260-269	1.0	0.9	1.2	1.0	0.8	1.2	1.1	1.1	1.2	1.3	1.2	1.3
Anemias.....280-285	1.4	1.3	1.5	1.3	1.2	1.5	2.0	2.0	2.0	2.3	2.3	2.3
Meningitis.....320-322	0.6	0.6	0.5	0.5	0.5	0.4	1.1	1.3	0.9	1.2	1.5	1.0
Major cardiovascular diseases.....390-448	417.6	434.3	401.7	437.1	452.8	422.2	302.9	323.4	284.3	343.8	364.2	325.6
Diseases of heart.....390-398,402,404-429	326.0	353.9	299.6	342.7	371.0	315.8	227.7	250.9	206.7	258.5	282.3	237.0
Rheumatic fever and rheumatic heart disease.....390-398	3.0	2.1	4.0	3.3	2.2	4.3	1.6	1.3	2.0	1.7	1.2	2.1
Hypertensive heart disease.....402	9.0	7.9	10.0	7.8	6.6	8.9	16.0	15.9	16.0	18.8	18.7	18.9
Hypertensive heart and renal disease.....404	1.3	1.1	1.5	1.2	1.0	1.4	2.0	1.7	2.3	2.4	2.0	2.7
Ischemic heart disease.....410-414	238.5	267.1	211.5	256.1	286.4	227.2	135.3	150.9	121.1	151.6	166.7	138.0
Acute myocardial infarction.....410	125.6	151.3	101.3	135.3	163.3	108.6	68.4	78.7	59.1	76.3	86.7	66.9
Other acute and subacute forms of ischemic heart disease.....411	1.8	2.3	1.3	1.8	2.3	1.2	1.9	2.4	1.4	2.2	2.7	1.7

Table 9. Death rates for 72 selected causes by race and sex: United States, 1982—Con.

[Rates per 100,000 population in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All other											
	All races			White			Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Major cardiovascular diseases—Con.												
Diseases of heart—Con.												
Ischemic heart disease—Con.												
Angina pectoris 413	0.3	0.3	0.2	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease 412,414	110.9	113.2	108.7	118.7	120.4	117.1	64.9	69.8	60.5	73.0	77.1	69.2
Other diseases of endocardium 424	3.4	3.3	3.4	3.6	3.5	3.6	2.2	2.3	2.1	2.4	2.4	2.3
All other forms of heart disease 415–423,425–429	70.8	72.4	69.3	70.9	71.4	70.4	70.6	78.8	63.2	81.7	91.2	73.2
Hypertension with or without renal disease 401,403	3.3	3.0	3.5	3.0	2.8	3.2	4.5	4.3	4.9	5.4	5.0	5.8
Cerebrovascular diseases 430–438	68.0	56.7	78.8	69.5	56.7	81.7	59.5	56.9	62.0	67.6	64.3	70.6
Intracerebral and other intracranial hemorrhage . . . 431–432	8.6	8.1	9.1	8.3	7.6	9.1	10.0	10.9	9.2	11.2	12.0	10.4
Cerebral thrombosis and unspecified occlusion of cerebral arteries 434,0,434.9	12.2	10.0	14.3	12.8	10.3	15.2	8.7	8.2	9.1	9.9	9.4	10.3
Cerebral embolism 434.1	0.3	0.3	0.4	0.4	0.3	0.4	0.2	0.1	0.2	0.2	0.1	0.2
All other and late effects of cerebrovascular diseases 430,433,435–438	46.9	38.3	55.0	48.0	38.5	57.0	40.7	37.6	43.5	46.4	42.8	49.7
Atherosclerosis 440	11.6	9.4	13.6	12.5	10.0	14.9	6.0	5.6	6.5	6.9	6.3	7.4
Other diseases of arteries, arterioles, and capillaries . . . 441–448	8.7	11.3	6.2	9.3	12.2	6.6	5.0	5.7	4.3	5.5	6.2	4.9
Acute bronchitis and bronchiolitis 466	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.2	0.3	0.2
Pneumonia and influenza 480–487	21.1	22.5	19.8	22.0	22.9	21.1	15.9	20.1	12.2	17.4	22.1	13.1
Pneumonia 480–486	20.8	22.2	19.4	21.6	22.6	20.7	15.8	20.0	12.0	17.3	21.9	13.1
Influenza 487	0.3	0.3	0.4	0.3	0.3	0.4	0.1	0.1	0.1	0.1	0.1	0.1
Chronic obstructive pulmonary diseases and allied conditions 490–496	25.8	35.2	16.9	28.2	38.3	18.6	11.8	17.0	7.1	13.1	19.0	7.8
Bronchitis, chronic and unspecified 490–491	1.5	1.9	1.1	1.7	2.1	1.3	0.5	0.7	0.4	0.6	0.8	0.4
Emphysema 492	5.5	8.0	3.2	6.1	8.8	3.6	1.9	3.1	0.8	2.1	3.5	0.9
Asthma 493	1.4	1.2	1.5	1.2	1.0	1.4	2.1	2.1	2.1	2.3	2.3	2.4
Other chronic obstructive pulmonary diseases and allied conditions 494–496	17.4	24.2	11.1	19.2	26.3	12.3	7.3	11.1	3.8	8.1	12.5	4.2
Ulcer of stomach and duodenum 531–533	2.9	3.0	2.8	3.1	3.1	3.0	2.0	2.4	1.6	2.1	2.6	1.7
Appendicitis 540–543	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.4	0.5	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia 550–553,560	2.2	1.7	2.6	2.2	1.7	2.8	1.9	2.2	1.6	2.2	2.5	1.9
Chronic liver disease and cirrhosis 571	11.9	15.9	8.2	11.8	15.8	8.0	12.7	16.6	9.1	13.9	18.4	9.8
Cholelithiasis and other disorders of gallbladder 574–575	1.3	1.1	1.4	1.3	1.2	1.5	0.8	0.7	0.9	0.8	0.7	1.0
Nephritis, nephrotic syndrome, and nephrosis 580–589	7.8	8.1	7.5	7.3	7.7	6.9	10.8	11.0	10.7	12.4	12.6	12.1
Acute glomerulonephritis and nephrotic syndrome . . . 580–581	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified 582–583,587	0.8	0.9	0.8	0.8	0.8	0.7	1.2	1.2	1.1	1.3	1.3	1.2
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause 584–586,588–589	6.8	7.1	6.6	6.4	6.7	6.1	9.5	9.6	9.4	10.9	11.1	10.7
Infections of kidney 590	1.0	0.7	1.2	1.0	0.7	1.3	0.8	0.6	0.9	0.9	0.7	1.0
Hyperplasia of prostate 600	0.3	0.6	...	0.3	0.6	...	0.3	0.6	...	0.3	0.7	...

Complications of pregnancy, childbirth, and the puerperium	630-676	0.1	...	0.2	0.1	...	0.2	0.4	...	0.7	0.4	...	0.7
Pregnancy with abortive outcome	630-638	0.0	...	0.0	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	...	0.1	0.3	...	0.5	0.3	...	0.6
Congenital anomalies	740-759	5.9	6.4	5.4	5.6	6.1	5.2	7.3	7.9	6.8	7.7	8.3	7.2
Certain conditions originating in the perinatal period	760-779	9.0	10.5	7.5	7.0	8.3	5.8	20.4	24.1	16.9	23.4	27.8	19.4
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	2.7	3.3	2.1	2.3	2.8	1.8	5.0	6.3	3.8	5.7	7.2	4.4
Other conditions originating in the perinatal period	760-766,770-779	6.3	7.3	5.4	4.8	5.5	4.1	15.3	17.8	13.1	17.7	20.6	15.0
Symptoms, signs, and ill-defined conditions	780-799	12.9	15.1	10.7	11.3	13.2	9.5	22.1	26.8	17.7	25.1	30.7	20.1
All other diseases	Residual	51.8	52.7	50.9	51.8	51.8	51.7	51.9	58.2	46.1	58.5	65.7	52.0
Accidents and adverse effects	E800-E949	40.6	58.4	23.8	40.6	57.9	24.1	40.6	61.4	21.7	42.3	64.6	22.2
Motor vehicle accidents	E810-E825	19.8	29.5	10.6	20.3	30.1	11.0	16.6	25.7	8.3	16.2	25.9	7.6
All other accidents and adverse effects	E800-E807,E826-E949	20.8	28.9	13.2	20.3	27.8	13.2	24.0	35.8	13.4	26.0	38.7	14.6
Suicide	E950-E959	12.2	19.2	5.6	13.2	20.7	6.1	6.2	10.3	2.5	5.9	10.1	2.1
Homicide and legal intervention	E960-E978	9.6	15.4	4.2	6.3	9.6	3.1	29.4	50.2	10.6	34.3	59.1	12.0
All other external causes	E980-E999	1.4	2.1	0.8	1.2	1.8	0.7	2.4	3.8	1.2	2.6	4.1	1.2

Table 10. Age-adjusted death rates for 72 selected causes by race and sex: United States, 1982

[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 other											
	All races			White			Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All causes	553.8	733.1	411.2	531.8	706.0	393.3	704.6	928.4	529.3	778.7	1,035.0	581.4
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	-
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	0.2	0.3
Tuberculosis 010-018	0.6	0.9	0.3	0.4	0.6	0.2	2.0	3.3	1.1	2.2	3.7	1.0
Tuberculosis of respiratory system 010-012	0.4	0.7	0.2	0.3	0.5	0.1	1.5	2.7	0.6	1.6	2.9	0.6
Other tuberculosis 013-018	0.1	0.1	0.1	0.1	0.1	0.0	0.5	0.6	0.4	0.5	0.7	0.4
Whooping cough 033	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	0.0	0.0
Meningococcal infection 036	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.2
Septicemia 038	3.0	3.6	2.6	2.6	3.1	2.2	6.3	7.3	5.6	7.1	8.4	6.1
Acute poliomyelitis 045	-	-	-	-	-	-	-	-	-	-	-	-
Measles 055	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-
Viral hepatitis 070	0.3	0.4	0.3	0.3	0.3	0.2	0.5	0.6	0.5	0.4	0.5	0.5
Syphilis 090-097	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.1
All other infectious and parasitic diseases 001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	1.5	1.8	1.3	1.4	1.6	1.2	2.7	3.2	2.2	2.9	3.5	2.5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues 140-208	132.5	164.8	109.5	129.4	159.4	108.2	157.0	210.1	117.9	173.2	235.2	128.7
Malignant neoplasms of lip, oral cavity, and pharynx 140-149	2.8	4.4	1.5	2.5	3.9	1.4	4.7	8.0	2.1	5.2	9.0	2.2
Malignant neoplasms of digestive organs and peritoneum 150-159	32.2	40.8	25.6	30.7	38.7	24.7	43.5	58.6	32.2	46.7	63.4	34.3
Malignant neoplasms of respiratory and intrathoracic organs 160-165	37.5	60.3	19.9	36.8	58.5	20.0	42.9	75.1	18.4	48.3	85.8	20.4
Malignant neoplasm of breast 174-175	12.5	0.2	22.8	12.5	0.2	22.8	12.5	0.2	22.2	14.1	0.3	24.6
Malignant neoplasms of genital organs 179-187	13.2	14.9	13.1	12.5	13.8	12.7	19.9	25.8	16.5	22.2	29.6	18.0
Malignant neoplasms of urinary organs 188-189	5.2	8.2	3.0	5.2	8.3	2.9	4.8	6.7	3.4	5.3	7.4	3.8
Malignant neoplasms of all other and unspecified sites 170-173,190-199	17.0	20.7	13.9	16.9	20.7	13.9	17.2	21.4	14.0	19.0	23.9	15.3
Leukemia 204-208	5.2	6.6	4.0	5.2	6.7	4.1	4.6	5.7	3.8	4.9	6.1	4.0
Other malignant neoplasms of lymphatic and hematopoietic tissues 200-203	7.0	8.6	5.7	7.0	8.6	5.7	6.9	8.7	5.5	7.6	9.6	6.1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature 210-239	1.9	2.1	1.8	1.9	2.0	1.7	2.4	2.5	2.3	2.6	2.8	2.6
Diabetes mellitus 250	9.6	9.8	9.3	8.7	9.2	8.3	16.7	14.7	18.1	18.3	16.1	19.8
Nutritional deficiencies 260-269	0.5	0.6	0.4	0.5	0.5	0.4	0.9	1.1	0.8	1.0	1.1	0.9
Anemias 280-285	0.9	1.0	0.8	0.7	0.8	0.6	1.9	2.0	1.7	2.1	2.3	2.0
Meningitis 320-322	0.5	0.6	0.4	0.4	0.5	0.3	1.0	1.2	0.8	1.1	1.4	0.8
Major cardiovascular diseases 390-448	238.3	319.9	174.5	231.9	314.8	166.9	284.6	357.2	229.3	315.2	396.7	254.1
Diseases of heart 390-398,402,404-429	190.5	264.4	132.5	186.8	262.1	127.4	215.8	278.7	167.9	239.0	309.4	186.3
Rheumatic fever and rheumatic heart disease 390-398	2.2	1.7	2.5	2.2	1.8	2.5	1.7	1.5	1.9	1.7	1.4	2.0
Hypertensive heart disease 402	5.6	6.3	4.9	4.3	4.8	3.8	16.1	18.5	14.1	18.6	21.6	16.1
Hypertensive heart and renal disease 404	0.7	0.7	0.6	0.5	0.6	0.5	1.8	1.9	1.8	2.1	2.2	2.0

Ischemic heart disease.....	410-414	139.3	199.7	92.1	140.3	203.0	90.9	127.4	167.4	97.2	139.1	182.2	106.9
Acute myocardial infarction.....	410	79.5	117.5	49.5	80.8	120.5	49.1	67.0	89.0	50.3	72.9	96.7	55.2
Other acute and subacute forms of ischemic heart disease.....	411	1.2	1.9	0.7	1.1	1.8	0.6	1.9	2.8	1.2	2.2	3.1	1.4
Angina pectoris.....	413	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease.....	412,414	58.5	80.1	41.8	58.3	80.5	41.1	58.4	75.5	45.5	63.9	82.2	50.2
Other diseases of endocardium.....	424	2.0	2.5	1.6	2.0	2.5	1.6	2.1	2.5	1.7	2.2	2.7	1.9
All other forms of heart disease.....	415-423,425-429	40.8	53.6	30.8	37.6	49.6	28.2	66.7	87.0	51.2	75.3	99.4	57.3
Hypertension with or without renal disease.....	401,403	1.8	2.2	1.6	1.5	1.9	1.3	4.5	4.8	4.2	5.1	5.5	4.8
Cerebrovascular diseases.....	430-438	35.8	39.2	33.2	33.4	36.6	31.0	54.8	61.8	49.6	60.8	68.9	54.7
Intracerebral and other intracranial hemorrhage.....	431-432	5.8	6.5	5.2	5.1	5.6	4.7	10.7	13.0	8.9	11.8	14.4	9.9
Cerebral thrombosis and unspecified occlusion of cerebral arteries.....	434.0,434.9	5.9	6.7	5.4	5.7	6.5	5.2	7.6	8.7	6.8	8.4	9.8	7.4
Cerebral embolism.....	434.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
All other and late effects of cerebrovascular diseases.....	430,433,435-438	23.9	25.9	22.5	22.4	24.3	21.0	36.4	39.9	33.8	40.4	44.6	37.3
Atherosclerosis.....	440	4.8	5.7	4.2	4.8	5.7	4.2	4.6	5.4	4.0	5.0	6.0	4.4
Other diseases of arteries, arterioles, and capillaries.....	441-448	5.3	8.3	3.1	5.3	8.5	3.0	4.9	6.5	3.6	5.3	7.0	4.0
Acute bronchitis and bronchiolitis.....	466	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1
Pneumonia and influenza.....	480-487	10.9	15.2	8.0	10.3	14.3	7.6	14.4	21.1	9.5	15.6	23.2	10.1
Pneumonia.....	480-486	10.7	15.0	7.8	10.1	14.1	7.5	14.3	21.0	9.4	15.6	23.1	10.0
Influenza.....	487	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Chronic obstructive pulmonary diseases and allied conditions.....	490-496	16.2	25.5	9.8	16.6	26.2	10.0	11.7	18.7	6.7	12.8	20.6	7.3
Bronchitis, chronic and unspecified.....	490-491	0.9	1.3	0.6	0.9	1.4	0.6	0.5	0.7	0.3	0.6	0.8	0.4
Emphysema.....	492	3.5	5.9	1.9	3.7	6.1	2.0	1.9	3.5	0.7	2.0	3.8	0.8
Asthma.....	493	1.0	1.0	1.1	0.9	0.8	0.9	2.2	2.3	2.2	2.5	2.5	2.5
Other chronic obstructive pulmonary diseases and allied conditions.....	494-496	10.7	17.3	6.1	11.0	17.9	6.4	7.1	12.2	3.4	7.7	13.5	3.7
Ulcer of stomach and duodenum.....	531-533	1.7	2.2	1.3	1.6	2.2	1.3	1.9	2.7	1.4	2.1	2.9	1.4
Appendicitis.....	540-543	0.2	0.2	0.1	0.1	0.2	0.1	0.3	0.5	0.2	0.3	0.5	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia.....	550-553,560	1.2	1.2	1.1	1.1	1.1	1.1	1.7	2.2	1.3	1.9	2.5	1.5
Chronic liver disease and cirrhosis.....	571	10.5	14.9	6.7	9.8	14.1	6.1	14.9	20.9	10.1	16.5	23.5	10.9
Cholelithiasis and other disorders of gallbladder.....	574-575	0.7	0.8	0.6	0.7	0.8	0.6	0.8	0.7	0.8	0.7	0.7	0.8
Nephritis, nephrotic syndrome, and nephrosis.....	580-589	4.5	5.8	3.7	3.9	5.1	3.0	10.1	11.7	8.9	11.2	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	0.2	0.2	0.2	0.2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified.....	582-583,587	0.5	0.6	0.4	0.4	0.5	0.3	1.1	1.3	1.0	1.2	1.4	1.0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause.....	584-586,588-589	3.9	5.0	3.2	3.3	4.4	2.6	8.8	10.2	7.8	9.8	11.6	8.6
Infections of kidney.....	590	0.5	0.4	0.5	0.5	0.4	0.5	0.7	0.7	0.7	0.8	0.7	0.8
Hyperplasia of prostate.....	600	0.1	0.3	...	0.1	0.3	...	0.2	0.5	...	0.2	0.6	...
Complications of pregnancy, childbirth, and the puerperium.....	630-676	0.1	...	0.2	0.1	...	0.2	0.3	...	0.7	0.4	...	0.7
Pregnancy with abortive outcome.....	630-638	0.0	...	0.0	0.0	...	0.0	0.1	...	0.1	0.1	...	0.1
Other complications of pregnancy, childbirth, and the puerperium.....	640-676	0.1	...	0.2	0.1	...	0.1	0.2	...	0.5	0.3	...	0.6
Congenital anomalies.....	740-759	5.7	6.0	5.4	5.7	6.0	5.4	5.8	6.0	5.6	6.1	6.4	6.0
Certain conditions originating in the perinatal period.....	760-779	8.8	9.8	7.7	7.3	8.2	6.4	14.4	16.1	12.7	16.7	18.7	14.8
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome.....	767-769	2.6	3.0	2.1	2.4	2.7	1.9	3.6	4.2	2.9	4.1	4.9	3.3
Other conditions originating in the perinatal period.....	760-766,770-779	6.2	6.7	5.5	5.0	5.5	4.4	10.9	11.8	9.8	12.6	13.8	11.5

Table 10. Age-adjusted death rates for 72 selected causes by race and sex: United States, 1982—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 other											
	All races			White			Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Symptoms, signs, and ill-defined conditions 780-799	9.8	12.8	7.1	8.2	10.9	6.0	20.0	26.7	14.7	22.6	30.6	16.4
All other diseases Residual	33.8	41.3	27.9	31.3	38.1	26.0	50.9	64.3	40.4	56.8	72.5	44.8
Accidents and adverse effects E800-E949	36.6	55.2	18.9	36.1	54.1	18.7	40.8	64.5	20.5	42.5	68.3	20.8
Motor vehicle accidents E810-E825	19.3	28.7	10.1	19.8	29.3	10.5	16.8	26.7	8.3	16.6	27.2	7.5
All other accidents and adverse effects E800-E807, E826-E949	17.3	26.5	8.8	16.3	24.9	8.2	23.9	37.8	12.2	25.9	41.1	13.3
Suicide E950-E959	11.6	18.3	5.4	12.4	19.4	5.8	6.4	10.8	2.6	6.2	10.8	2.2
Homicide and legal intervention E960-E978	9.7	15.3	4.2	6.3	9.5	3.1	30.0	52.2	10.5	35.3	62.3	12.0
All other external causes E980-E999	1.3	2.0	0.7	1.2	1.7	0.6	2.5	4.1	1.1	2.7	4.4	1.2

Table 11. Deaths under 1 year and infant mortality rates for 61 selected causes by race: United States, 1982
 [Rates per 100,000 live births in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races		All other		All races		All other	
	White	Black	Total	Black	White	Black	Total	Black
All causes.....	42,401	29,659	12,742	11,642	1,152.0	1,008.1	1,725.4	1,964.4
Certain intestinal infections..... 008-009	137	71	66	61	3.7	2.4	8.9	10.3
Whooping cough..... 033	4	4	-	-	0.1	0.1	-	-
Meningococcal infection..... 036	95	82	13	10	2.6	2.8	1.8	1.7
Septicemia..... 038	274	170	104	95	7.4	5.8	14.1	16.0
Viral diseases..... 045-079	130	94	36	30	3.5	3.2	4.9	5.1
Congenital syphilis..... 090	10	6	4	4	0.3	0.2	0.5	0.7
Remainder of infectious and parasitic diseases..... 001-007, 010-032,034-035,037,039-041,080-088,091-139	87	52	35	33	2.4	1.8	4.7	5.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues..... 140-208	135	102	33	16	3.7	3.5	4.5	2.7
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature..... 210-239	60	42	18	14	1.6	1.4	2.4	2.4
Diseases of thymus gland..... 254	2	2	-	-	0.1	0.1	-	-
Cystic fibrosis..... 277.0	34	30	4	4	0.9	1.0	0.5	0.7
Diseases of blood and blood-forming organs..... 280-289	88	52	36	32	2.4	1.8	4.9	5.4
Meningitis..... 320-322	331	207	124	109	9.0	7.0	16.8	18.4
Other diseases of nervous system and sense organs..... 323-389	454	346	108	91	12.3	11.8	14.6	15.4
Acute upper respiratory infections..... 460-465	52	28	24	20	1.4	1.0	3.2	3.4
Bronchitis and bronchiolitis..... 466,490-491	115	77	38	33	3.1	2.6	5.1	5.6
Pneumonia and influenza..... 480-487	756	458	298	268	20.5	15.6	40.4	45.2
Pneumonia..... 480-486	748	453	295	266	20.3	15.4	39.9	44.9
Influenza..... 487	8	5	3	2	0.2	0.2	0.4	0.3
Remainder of diseases of respiratory system..... 470-478,492-519	470	299	171	162	12.8	10.2	23.2	27.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia..... 550-553,560	130	88	42	41	3.5	3.0	5.7	6.9
Gastritis, duodenitis, and noninfective enteritis and colitis..... 535,555-558	141	86	55	50	3.8	2.9	7.4	8.4
Remainder of diseases of digestive system..... 520-534,536-543,562-579	217	139	78	70	5.9	4.7	10.6	11.8
Congenital anomalies..... 740-759	9,024	7,281	1,743	1,488	245.2	247.5	236.0	251.1
Anencephalus and similar anomalies..... 740	720	629	91	67	19.6	21.4	12.3	11.3
Spina bifida..... 741	196	173	23	19	5.3	5.9	3.1	3.2
Congenital hydrocephalus..... 742.3	266	209	57	51	7.2	7.1	7.7	8.6
Other congenital anomalies of central nervous system and eye..... 742.0-742.2,742.4-742.9,743	305	246	59	46	8.3	8.4	8.0	7.8
Congenital anomalies of heart..... 745-746	2,804	2,269	535	454	76.2	77.1	72.4	76.6
Other congenital anomalies of circulatory system..... 747	901	637	264	235	24.5	21.7	35.7	39.7
Congenital anomalies of respiratory system..... 748	766	617	149	124	20.8	21.0	20.2	20.9
Congenital anomalies of digestive system..... 749-751	232	180	52	46	6.3	6.1	7.0	7.8
Congenital anomalies of genitourinary system..... 752-753	503	421	82	75	13.7	14.3	11.1	12.7
Congenital anomalies of musculoskeletal system..... 754-756	671	558	113	96	18.2	19.0	15.3	16.2
Down's syndrome..... 758.0	99	81	18	18	2.7	2.8	2.4	3.0
Other chromosomal anomalies..... 758.1-758.9	666	550	116	94	18.1	18.7	15.7	15.9
All other and unspecified congenital anomalies..... 744,757,759	895	711	184	163	24.3	24.2	24.9	27.5
Certain conditions originating in the perinatal period..... 760-779	20,685	13,848	6,837	6,443	562.0	470.7	925.8	1,087.2
Newborn affected by maternal conditions which may be unrelated to present pregnancy..... 760	136	97	39	34	3.7	3.3	5.3	5.7
Newborn affected by maternal complications of pregnancy..... 761	1,493	1,028	465	435	40.6	34.9	63.0	73.4
Newborn affected by complications of placenta, cord, and membranes..... 762	973	750	223	212	26.4	25.5	30.2	35.8
Newborn affected by other complications of labor and delivery..... 763	105	72	33	29	2.9	2.4	4.5	4.9
Slow fetal growth and fetal malnutrition..... 764	48	34	14	13	1.3	1.2	1.9	2.2
Disorders relating to short gestation and unspecified low birthweight..... 765	3,618	2,133	1,485	1,421	98.3	72.5	201.1	239.8

Table 11. Deaths under 1 year and infant mortality rates for 61 selected causes by race: United States, 1982—Con.

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

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races		All other		All races		All other	
	White	Black	Total	Black	White	Black	Total	Black
	Number				Rate			
Certain conditions originating in the perinatal period—Con.								
Disorders relating to long gestation and high birthweight	766	4	2	2	0.1	0.1	0.3	0.3
Birth trauma	767	617	444	173	16.8	15.1	23.4	27.2
Intrauterine hypoxia and birth asphyxia	768	1,489	1,056	433	40.5	35.9	58.6	67.7
Fetal distress in liveborn infant.	768.2–768.4	293	220	73	8.0	7.5	9.9	11.0
Birth asphyxia.	768.5–768.9	1,196	836	360	336	32.5	28.4	48.7
Respiratory distress syndrome	769	4,038	2,952	1,086	1,015	109.7	100.3	147.1
Other respiratory conditions of newborn	770	3,515	2,314	1,201	1,133	95.5	78.7	162.6
Infections specific to the perinatal period.	771	951	668	283	265	25.8	22.7	38.3
Neonatal hemorrhage	772	714	457	257	244	19.4	15.5	34.8
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice	773–774	62	50	12	9	1.7	1.7	1.6
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus	775.0–775.1	16	14	2	2	0.4	0.5	0.3
Hemorrhagic disease of newborn	776.0	9	5	4	4	0.2	0.2	0.7
All other and ill-defined conditions originating in the perinatal period	775.2–775.9,776.1–779	2,897	1,772	1,125	1,063	78.7	60.2	152.3
Symptoms, signs, and ill-defined conditions	780–799	5,933	4,026	1,907	1,713	161.2	136.8	258.2
Sudden infant death syndrome	798.0	5,278	3,632	1,646	1,477	143.4	123.5	222.9
Symptoms, signs, and all other ill-defined conditions	780–797,798.1–799	655	394	261	236	17.8	13.4	35.3
Accidents and adverse effects	E800–E949	1,024	707	317	281	27.8	24.0	42.9
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation	E911–E912	222	159	63	58	6.0	5.4	8.5
Accidental mechanical suffocation	E913	166	122	44	41	4.5	4.1	6.0
Other accidental causes and adverse effects	E800–E910,E914–E949	636	426	210	182	17.3	14.5	28.4
Homicide	E960–E969	243	146	97	87	6.6	5.0	13.1
Child battering and other maltreatment.	E967	91	56	35	29	2.5	1.9	4.7
Other homicide	E960–E966,E968–E969	152	90	62	58	4.1	3.1	8.4
All other causes	Residual	1,770	1,216	554	487	48.1	41.3	75.0

Table 12. Maternal deaths and maternal mortality rates for selected causes by race: United States, 1982

[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		All other		All races		All other	
	White	Black	Total	Black	White	Black	Total	Black
	Number				Rate			
Complications of pregnancy, childbirth, and the puerperium	630–676	292	171	121	108	7.9	5.8	16.4
Pregnancy with abortive outcome	630–638	55	27	28	23	1.5	0.9	3.8
Ectopic pregnancy	633	43	19	24	20	1.2	0.6	3.2
Spontaneous abortion	634	3	3	-	-	0.1	0.1	-
Legally induced abortion	635	3	1	2	2	0.1	0.0	0.3
Illegally induced abortion.	636	1	1	-	-	0.0	0.0	-
Other pregnancy with abortive outcome.	630–632,637–638	5	3	2	1	0.1	0.1	0.3
Direct obstetric causes.	640–646,651–676	224	137	87	79	6.1	4.7	11.8
Hemorrhage of pregnancy and childbirth.	640–641,666	37	26	11	9	1.0	0.9	1.5
Toxemia of pregnancy.	642.4–642.9,643	59	35	24	22	1.6	1.2	3.2
Obstructed labor.	660	-	-	-	-	-	-	-
Complications of the puerperium	670–676	67	39	28	25	1.8	1.3	3.8
Other direct obstetric causes.	642.0–642.3,644–646,651–659,661–665,667–669	61	37	24	23	1.7	1.3	3.2
Indirect obstetric causes.	647–648	13	7	6	6	0.4	0.2	0.8
Delivery in a completely normal case	650	-	-	-	-	-	-	-

Table 13. 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: 1982

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	1,974,797	852.0	42,401	11.5	28,335	7.7
Male	1,056,440	938.0	24,073	12.8	15,983	8.5
Female	918,357	770.7	18,328	10.2	12,352	6.9
White	1,729,085	872.9	29,659	10.1	19,959	6.8
Male	919,239	951.8	16,965	11.2	11,325	7.5
Female	809,846	797.9	12,694	8.9	8,634	6.0
All other	245,712	728.9	12,742	17.3	8,376	11.3
Male	137,201	854.8	7,108	18.9	4,658	12.4
Female	108,511	614.5	5,634	15.5	3,718	10.3
Black	226,513	819.2	11,642	19.6	7,744	13.1
Male	125,610	960.4	6,485	21.5	4,293	14.3
Female	100,903	692.4	5,157	17.7	3,451	11.8
Regions						
Northeast	465,193	943.5	7,757	11.5	5,533	8.2
North Central	514,090	872.4	10,693	11.5	7,228	7.8
South	663,628	846.4	15,880	12.5	10,585	8.3
West	331,886	735.1	8,071	10.0	4,989	6.2
Northeast						
New England	111,350	895.6	1,721	10.3	1,294	7.7
Maine	10,472	921.8	150	9.0	103	6.2
New Hampshire	7,616	803.4	155	11.0	121	8.6
Vermont	4,490	863.5	75	9.3	49	6.1
Massachusetts	52,946	920.8	766	10.1	573	7.6
Rhode Island	8,988	943.1	125	10.0	100	8.0
Connecticut	26,838	858.5	450	11.1	348	8.6
Middle Atlantic	353,843	959.6	6,036	11.9	4,239	8.3
New York	167,405	953.0	3,004	12.1	2,101	8.5
New Jersey	67,621	910.5	1,159	11.7	805	8.2
Pennsylvania	118,817	1,000.2	1,873	11.6	1,333	8.2
North Central						
East North Central	357,579	860.0	7,730	12.0	5,324	8.3
Ohio	94,473	877.0	1,895	11.5	1,300	7.9
Indiana	46,630	850.6	956	11.4	643	7.7
Illinois	100,501	876.5	2,500	13.6	1,716	9.3
Michigan	75,694	830.3	1,676	12.1	1,203	8.7
Wisconsin	40,281	848.9	703	9.5	462	6.2
West North Central	156,511	902.4	2,963	10.5	1,904	6.7
Minnesota	32,978	797.9	648	9.5	405	5.9
Iowa	26,890	925.3	456	10.2	281	6.3
Missouri	48,277	976.9	898	11.7	574	7.5
North Dakota	5,390	802.1	134	10.6	86	6.8
South Dakota	6,595	950.3	131	10.2	90	7.0
Nebraska	14,577	917.4	270	10.0	185	6.9
Kansas	21,804	905.5	426	10.4	283	6.9
South						
South Atlantic	333,197	869.9	7,445	13.2	5,150	9.1
Delaware	5,104	850.7	129	14.1	95	10.3
Maryland	34,098	798.5	762	11.9	536	8.4
District of Columbia	6,713	1,072.4	197	21.2	145	15.6
Virginia	41,904	764.0	1,039	12.8	755	9.3
West Virginia	18,994	968.6	312	11.4	197	7.2
North Carolina	48,551	806.6	1,175	13.7	814	9.5
South Carolina	25,070	776.9	832	16.1	552	10.7
Georgia	44,179	782.2	1,142	12.7	751	8.3
Florida	108,584	1,037.5	1,857	12.8	1,305	9.0

See footnotes at end of table.

Table 13. 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: 1982—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	131,567	885.5	3,028	13.2	2,003	8.7
Kentucky	32,990	893.6	680	12.0	443	7.8
Tennessee	40,292	865.4	807	12.0	535	8.0
Alabama	35,002	888.2	831	13.8	557	9.2
Mississippi	23,283	906.3	710	15.4	468	10.2
West South Central	198,864	787.7	5,407	11.3	3,432	7.2
Arkansas	22,419	971.8	357	10.1	204	5.8
Louisiana	35,776	816.2	1,097	13.0	708	8.4
Oklahoma	29,350	909.8	722	12.3	434	7.4
Texas	111,319	726.2	3,231	10.9	2,086	7.0
West						
Mountain	82,528	683.9	2,359	10.0	1,448	6.1
Montana	6,631	823.7	147	10.1	95	6.5
Idaho	6,957	712.1	195	9.9	123	6.3
Wyoming ³	3,191	626.9	109	9.8	65	5.9
Colorado	19,649	639.8	499	9.1	311	5.7
New Mexico	9,248	676.5	312	11.3	182	6.6
Arizona	21,969	759.6	491	9.3	299	5.7
Utah	8,515	542.0	457	11.0	282	6.8
Nevada	6,368	726.9	149	10.2	91	6.3
Pacific	249,358	753.8	5,712	10.0	3,541	6.2
Washington	32,300	755.4	740	10.6	418	6.0
Oregon	21,614	810.1	432	10.5	253	6.2
California	188,471	763.1	4,251	9.9	2,690	6.3
Alaska	1,785	402.0	125	11.1	73	6.5
Hawaii	5,188	520.4	164	8.8	107	5.7

¹Per 100,000 population in each race-sex group and area.²Per 1,000 live births in each race-sex group and area.³Wyoming infant and neonatal mortality data published in the 1981 Mortality Advance Report are incorrect. The correct 1981 numbers for Wyoming are 121 infant deaths and 76 neonatal deaths; the corresponding rates are 11.2 and 7.0 per 1,000 live births.

Table 14. Deaths and death rates for major causes of death for the United States, each region, division, and State; and by race and sex for the United States: 1982

[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.....	755,592	326.0	433,795	187.2	157,710	68.0	94,082	40.6	45,779	19.8	28,242	12.2
Male.....	398,570	353.9	233,864	207.6	63,855	56.7	65,754	58.4	33,191	29.5	21,625	19.2
Female.....	357,022	299.6	199,931	167.8	93,855	78.8	28,328	23.8	12,588	10.6	6,617	5.6
White.....	678,837	342.7	382,652	193.2	137,641	69.5	80,392	40.6	40,191	20.3	26,141	13.2
Male.....	358,308	371.0	204,477	211.7	54,726	56.7	55,896	57.9	29,073	30.1	19,965	20.7
Female.....	320,529	315.8	178,175	175.6	82,915	81.7	24,496	24.1	11,118	11.0	6,176	6.1
All other.....	76,755	227.7	51,143	151.7	20,069	59.5	13,690	40.6	5,588	16.6	2,101	6.2
Male.....	40,262	250.9	29,387	183.1	9,129	56.9	9,858	61.4	4,118	25.7	1,660	10.3
Female.....	36,493	206.7	21,756	123.2	10,940	62.0	3,832	21.7	1,470	8.3	441	2.5
Black.....	71,468	258.5	47,316	171.1	18,698	67.6	11,688	42.3	4,493	16.2	1,639	5.9
Male.....	36,925	282.3	27,226	208.2	8,414	64.3	8,449	64.6	3,387	25.9	1,327	10.1
Female.....	34,543	237.0	20,090	137.9	10,284	70.6	3,239	22.2	1,106	7.6	312	2.1
Regions												
Northeast.....	193,844	393.1	105,845	214.7	32,334	65.6	16,214	32.9	7,081	14.4	4,485	9.1
North Central.....	203,712	345.7	112,536	191.0	42,239	71.7	21,205	36.0	9,988	17.0	6,645	11.3
South.....	241,953	308.6	142,267	181.5	56,944	72.6	37,069	47.3	18,892	24.1	10,149	12.9
West.....	116,083	257.1	73,147	162.0	26,193	58.0	19,594	43.4	9,818	21.7	6,963	15.4
Northeast												
New England.....	44,060	354.4	26,341	211.9	8,246	66.3	4,150	33.4	1,784	14.3	1,229	9.9
Maine.....	4,114	362.1	2,429	213.8	799	70.3	428	37.7	191	16.8	148	13.0
New Hampshire.....	2,907	306.6	1,727	182.2	582	61.4	340	35.9	180	19.0	111	11.7
Vermont.....	1,769	340.2	978	188.1	342	65.8	215	41.3	95	18.3	83	16.0
Massachusetts.....	21,193	368.6	12,590	219.0	3,840	66.8	1,789	31.1	718	12.5	538	9.4
Rhode Island.....	3,694	387.6	2,206	231.5	589	61.8	273	28.6	120	12.6	108	11.3
Connecticut.....	10,383	332.1	6,411	205.1	2,094	67.0	1,105	35.3	480	15.4	241	7.7
Middle Atlantic.....	149,784	406.2	79,504	215.6	24,088	65.3	12,064	32.7	5,297	14.4	3,256	8.8
New York.....	73,016	415.6	36,877	209.9	10,814	61.6	5,528	31.5	2,305	13.1	1,331	7.6
New Jersey.....	28,160	379.2	16,062	216.3	4,701	63.3	2,392	32.2	1,118	15.1	578	7.8
Pennsylvania.....	48,608	409.2	26,565	223.6	8,573	72.2	4,144	34.9	1,874	15.8	1,347	11.3
North Central												
East North Central.....	143,598	345.3	79,287	190.7	28,417	68.3	14,148	34.0	6,783	16.3	4,674	11.2
Ohio.....	37,676	349.8	21,412	198.8	7,372	68.4	3,578	33.2	1,661	15.4	1,280	11.9
Indiana.....	18,114	330.4	10,120	184.6	4,173	76.1	2,065	37.7	1,020	18.6	624	11.4
Illinois.....	41,181	359.2	22,151	193.2	7,675	66.9	3,772	32.9	1,744	15.2	1,085	9.5
Michigan.....	30,151	330.7	16,615	182.3	5,857	64.2	3,129	34.3	1,566	17.2	1,102	12.1
Wisconsin.....	16,476	347.2	8,989	189.4	3,340	70.4	1,604	33.8	792	16.7	583	12.3
West North Central.....	60,114	346.6	33,249	191.7	13,822	79.7	7,057	40.7	3,205	18.5	1,971	11.4
Minnesota.....	12,315	298.0	7,193	174.0	3,021	73.1	1,477	35.7	632	15.3	470	11.4
Iowa.....	10,814	372.1	5,786	199.1	2,426	83.5	1,121	38.6	516	17.8	309	10.6
Missouri.....	18,254	369.4	10,432	211.1	4,011	81.2	2,085	42.2	918	18.6	583	11.8
North Dakota.....	2,029	301.9	1,167	173.7	482	71.7	324	48.2	158	23.5	73	10.9
South Dakota.....	2,691	387.8	1,264	182.1	570	82.1	368	53.0	167	24.1	95	13.7
Nebraska.....	5,716	359.7	2,978	187.4	1,362	85.7	648	40.8	273	17.2	164	10.3
Kansas.....	8,295	344.5	4,429	183.9	1,950	81.0	1,034	42.9	541	22.5	277	11.5
South												
South Atlantic.....	123,349	322.0	74,272	193.9	27,858	72.7	16,747	43.7	8,214	21.4	5,262	13.7
Delaware.....	1,983	330.5	1,217	202.8	303	50.5	233	38.8	126	21.0	76	12.7
Maryland.....	12,583	294.7	8,326	195.0	2,252	52.7	1,504	35.2	691	16.2	430	10.1
District of Columbia.....	2,118	338.3	1,543	246.5	420	67.1	230	36.7	48	7.7	74	11.8
Virginia.....	15,480	282.2	9,565	174.4	3,455	63.0	2,054	37.4	875	16.0	763	13.9
West Virginia.....	7,916	403.7	3,914	199.6	1,434	73.1	916	46.7	457	23.3	230	11.7

Table 14. Deaths and death rates for major causes of death for the United States, each region, division, and State; and by race and sex for the United States: 1982—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
South—Con.												
South Atlantic—Con.												
North Carolina	17,849	296.5	10,186	169.2	4,591	76.3	2,734	45.4	1,364	22.7	799	13.3
South Carolina	9,087	281.6	5,063	156.9	2,372	73.5	1,543	47.8	751	23.3	369	11.4
Georgia	15,642	276.9	8,916	157.9	4,252	75.3	2,720	48.2	1,270	22.5	743	13.2
Florida	40,691	388.8	25,542	244.0	8,779	83.9	4,813	46.0	2,632	25.1	1,778	17.0
East South Central	47,834	321.9	27,620	185.9	12,283	82.7	7,342	49.4	3,709	25.0	1,737	11.7
Kentucky	12,610	341.5	7,190	194.7	2,910	78.8	1,800	48.8	871	23.6	500	13.5
Tennessee	14,884	319.7	8,640	185.6	3,948	84.8	2,093	45.0	1,097	23.6	586	12.6
Alabama	12,115	307.4	7,322	185.8	3,322	84.3	1,926	48.9	982	24.9	428	10.9
Mississippi	8,225	320.2	4,468	173.9	2,103	81.9	1,523	59.3	759	29.5	223	8.7
West South Central	70,770	280.3	40,375	159.9	16,803	66.6	12,980	51.4	6,969	27.6	3,150	12.5
Arkansas	8,353	362.1	4,663	202.1	2,190	94.9	1,176	51.0	577	25.0	276	12.0
Louisiana	13,029	297.3	7,366	168.1	2,954	67.4	2,293	52.3	1,100	25.1	550	12.5
Oklahoma	10,961	339.8	5,883	182.4	2,537	78.6	2,017	62.5	1,099	34.1	455	14.1
Texas	38,427	250.7	22,463	146.5	9,122	59.5	7,494	48.9	4,193	27.4	1,869	12.2
West												
Mountain	27,404	227.1	16,719	138.5	5,633	46.7	6,061	50.2	3,202	26.5	2,099	17.4
Montana	2,243	278.6	1,374	170.7	526	65.3	475	59.0	234	29.1	126	15.7
Idaho	2,413	247.0	1,372	140.4	575	58.9	503	51.5	237	24.3	138	14.1
Wyoming	1,073	210.8	571	112.2	203	39.9	344	67.6	192	37.7	96	18.9
Colorado	6,643	216.3	3,843	125.1	1,320	43.0	1,372	44.7	675	22.0	504	16.4
New Mexico	2,372	173.5	1,875	137.2	576	42.1	852	62.3	544	39.8	270	19.8
Arizona	7,606	263.0	4,790	165.6	1,391	48.1	1,396	48.3	726	25.1	509	17.6
Utah	2,959	188.4	1,472	93.7	650	41.4	617	39.3	327	20.8	202	12.9
Nevada	2,095	239.2	1,422	162.3	392	44.7	502	57.3	267	30.5	254	29.0
Pacific	88,679	268.1	56,428	170.6	20,560	62.1	13,533	40.9	6,616	20.0	4,864	14.7
Washington	11,685	273.3	7,311	171.0	2,649	62.0	1,769	41.4	826	19.3	572	13.4
Oregon	7,633	286.1	4,787	179.4	1,880	70.5	1,109	41.6	553	20.7	392	14.7
California	67,295	272.5	42,738	173.0	15,572	63.1	9,950	40.3	4,986	20.2	3,749	15.2
Alaska	390	87.8	338	76.1	91	20.5	381	85.8	98	22.1	54	12.2
Hawaii	1,676	168.1	1,254	125.8	368	36.9	324	32.5	153	15.3	97	9.7

Technical notes

Nature and sources of data

Data shown in this report are based on information from all death certificates filed in the 50 States and the District of Columbia.

Mortality statistics are based on information coded by the National Center for Health Statistics (NCHS) from copies of the original certificates received from the State registration offices, and on State-coded data provided to NCHS through the Vital Statistics Cooperative Program (VSCP). In 1982, 46 States participated in this program. For these States part or all of the mortality data for 1982 were provided on computer tape to NCHS. The following 16 States in the VSCP submitted precoded medical and nonmedical data for all deaths on computer tape: Colorado, Iowa, Kansas, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Nebraska, New Hampshire, North Carolina, Pennsylvania, South Carolina, Virginia, and Wisconsin. The following 16 VSCP States submitted precoded nonmedical data for all deaths and precoded medical data for part of the deaths, along with copies of the original certificates from which NCHS coded the remaining medical data: Alabama, Arkansas, Florida, Idaho, Illinois, Indiana, Kentucky, Montana, North Dakota, Ohio, Oklahoma, Rhode Island, Tennessee, Texas, Washington, and West Virginia. The remaining 14 VSCP States submitted only precoded nonmedical data (Alaska, Connecticut, Hawaii, Maryland, Missouri, Nevada, New Jersey, New Mexico, New York, Oregon, South Dakota, Utah, Vermont, and Wyoming). For the four States and the District of Columbia that were not participants in the VSCP in 1982, NCHS coded all the nonmedical data and all or part of the medical data.

Data for the United States as a whole refer to events occurring within the United States. Data shown for geographic areas are by place of residence. Beginning with 1970, mortality statistics exclude deaths of nonresidents of the United States. All data exclude fetal deaths.

Cause-of-death classification

The mortality statistics presented here were compiled in accordance with the World Health Organization regulations, which specify that member nations classify causes of death by the current *Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death*.¹

Causes of death for 1979–82 were classified according to the *Ninth Revision International Classification of Diseases*.¹ For earlier years, causes of death were classified according to the revisions then in use, as follows: 1968–78, Eighth Revision; 1958–67, Seventh Revision; and 1949–57, Sixth Revision. 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. Comparability ratios between the Eighth and Ninth Revisions, between the Seventh and Eighth Revisions, and between the Sixth and Seventh Revisions may be found in other NCHS reports.^{2–4}

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*.⁵

Population bases for computing rates

The population used for computing rates shown in this report (furnished by the U.S. Bureau of the Census represents the population residing in the specified area. Death rates for 1982 are based on populations estimated as of July 1, 1982.^{6,7} The estimates are based on the 1980 census count. The 1980 census counts by race were modified to be consistent with Office of Management and Budget categories and historical categories for death data. The modification procedures are discussed in detail in a Census Bureau report.⁸

Cause-of-death ranking

The cause-of-death rankings shown in tables B, C, and D are based on the List of 72 Selected Causes of Death, and the cause-of-death ranking for infants in table 4 is based on the list of 61 Selected Causes of Infant Death.

The group titles Major cardiovascular diseases and Symptoms, signs, and ill-defined conditions are not ranked from the List of 72 Selected Causes of Death; and 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 (for example 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. The age-adjusted rates were based on 10-year age groups. It is important not to compare age-adjusted death rates with crude rates.

NOTE: A list of references follows the text.

This report presents summary tabulations from the final mortality statistics for 1982. More detailed tabulations for 1982 will be published in *Vital Statistics of the United States, 1982, 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
-

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