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Monthly

VITAL STATISTICS REPORT

Provisional Statistics

ANNUAL SUMMARY FOR THE UNITED STATES, 1976

**BIRTHS, DEATHS,
MARRIAGES,
AND DIVORCES**

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Public Health Service

National Center for Health Statistics

Hyattsville, Maryland 20782



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SYMBOLS

Data not available-----	---
Category not applicable-----	...
Quantity zero-----	-
Quantity more than 0 but less than 0.05----	0.0
Figure does not meet standards of reliability or precision-----	*

ANNUAL SUMMARY, 1976

VITAL STATISTICS OF THE UNITED STATES

Item	Rate per 1,000 population						
	1976 ¹	1975	1974	1973	1972	1971	1970
Births	14.7	14.8	14.9	14.9	15.6	17.2	18.4
Deaths	8.9	8.9	9.2	9.4	9.4	9.3	9.5
Natural increase	5.8	5.9	5.7	5.5	6.2	7.9	8.9
Marriages	9.9	10.1	10.5	10.9	11.0	10.6	10.6
Divorces (est.)	5.0	4.9	4.6	4.4	4.1	3.7	3.5

¹Provisional.

The provisional vital statistics reported here monthly, have been summarized for the year. These preliminary totals show more births, deaths, and divorces and fewer marriages in 1976 than in 1975.

BIRTHS

During 1976 the number of births in the United States rose slightly, while the birth rate and the fertility rate continued to decline. There were an estimated 3,165,000 live births, about 1 percent more than the final number for 1975 (table A).

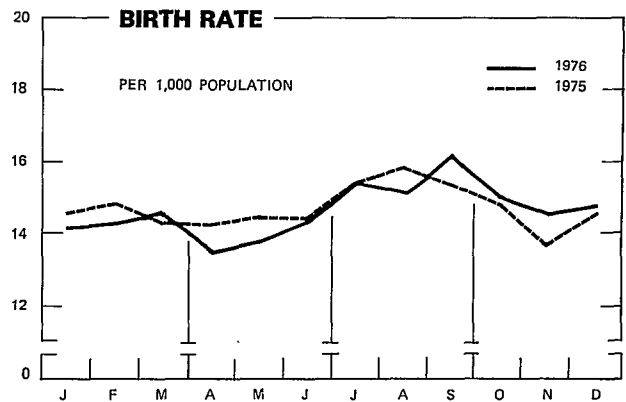


Table A. LIVE BIRTHS, BIRTH RATES, AND FERTILITY RATES, BY MONTH: UNITED STATES, 1975 AND 1976

[Rates on an annual basis. Birth rates per 1,000 population and fertility rates per 1,000 women aged 15-44 years. Data are provisional unless otherwise specified]

Month	Number			Birth rate			Fertility rate		
	1976	1975	1975 (final)	1976	1975	1975 (final)	1976	1975	1975 (final)
Total	3,165,000	3,149,000	3,144,198	14.7	14.8	14.8	65.6	66.7	66.7
January	257,000	264,000	259,173	14.2	14.6	14.4	63.5	66.5	65.3
February	242,000	243,000	238,153	14.3	14.9	14.6	64.0	67.7	66.3
March	266,000	259,000	261,608	14.6	14.3	14.5	65.5	65.0	65.7
April	239,000	250,000	250,992	13.6	14.3	14.4	60.9	64.7	65.0
May	252,000	262,000	261,572	13.9	14.5	14.5	62.0	65.7	65.5
June	253,000	253,000	255,734	14.4	14.5	14.6	64.0	65.4	66.0
July	281,000	280,000	279,744	15.5	15.5	15.5	68.9	69.8	69.7
August	278,000	288,000	279,937	15.3	15.9	15.5	68.0	71.7	69.7
September	286,000	270,000	273,750	16.2	15.4	15.6	72.2	69.3	70.3
October	278,000	273,000	267,841	15.2	15.0	14.8	67.7	67.7	66.4
November	260,000	241,000	249,907	14.8	13.7	14.2	65.5	61.7	63.9
December	272,000	266,000	265,787	14.9	14.6	14.6	66.1	65.8	65.7

The birth rate declined from 14.8 births per 1,000 population in 1975 to 14.7 in 1976. The fertility rate of 65.6 births per 1,000 women 15-44 years of age was 1.6 percent lower than the final rate for 1975 (table A).

The increase in the number of births is a result of the increase in the number of women in the childbearing ages (assumed to be 15-44 years). This number has risen rapidly due to the high birth rates of the 1940's and the 1950's. The declines in age-specific birth rates have generally been sufficient to more than offset the effects of the increasing number of women. However, in recent years the decline in age-specific rates has slowed down. Declines in the fertility rate averaged 7 percent in the years between 1970 and 1973 compared with an average of 2 percent in the years between 1973 and 1976. Although the fertility rate for 1976 reached a record low for the fifth consecutive year, the decline was not enough to offset the 2-percent increase in the number of women.

According to projections prepared by the U.S. Bureau of the Census, the number of women 15-44 years of age will increase another 8 percent by 1980. The projected increase for women at ages 20-29 years, where fertility rates are highest, is 6 percent. Unless age-specific rates decline further the projected increase in the number of women will tend to continue the rise in the annual number of births.

Provisional data by place of occurrence show that the number of births declined in five of the nine geographic divisions between 1975 and 1976, and the birth rate declined in all except the Mountain and Pacific Divisions. The number of births declined in 21 States and the District of Columbia, and the birth rate declined in 27 States and the District of Columbia.

NATURAL INCREASE

During 1976 the growth of the population due to natural increase (the excess of births over deaths) amounted to 1,253,000 persons. The rate of natural increase was 5.8 persons per 1,000 population compared with a final rate of 5.9 for 1975. This decline was due entirely to the decline in the birth rate.

DEATHS

During 1976 an estimated 1,912,000 deaths occurred in the United States. The provisional death rate was 8.9 per 1,000 population, unchanged from the final rate for 1975 (table C).

The death rates by month for 1976 show the characteristic pattern of mortality in recent years with the highest death rates occurring in the winter and the lowest in the summer. The

Table B. SEASONALLY ADJUSTED BIRTH AND FERTILITY RATES, BY MONTH: UNITED STATES, 1975 AND 1976

[Rates on an annual basis. Birth rates per 1,000 population and fertility rates per 1,000 women aged 15-44 years. Data are provisional unless otherwise specified]

Month	Birth rate			Fertility rate		
	1976	1975	1975 (final)	1976	1975	1975 (final)
January	14.5	15.0	14.8	65.1	67.9	67.3
February	14.4	15.0	14.8	64.6	68.3	67.3
March	15.0	14.6	14.8	67.1	66.3	67.2
April	14.3	15.0	15.1	64.1	68.0	68.2
May	14.5	15.3	15.1	64.6	69.3	68.3
June	14.8	14.8	15.0	65.9	66.8	67.6
July	15.0	15.2	14.9	66.6	68.5	67.2
August	14.4	15.1	14.6	63.9	67.9	65.8
September	15.2	14.3	14.6	67.8	64.4	65.6
October	14.9	14.8	14.5	66.3	66.7	65.3
November	14.9	13.8	14.4	66.3	62.1	64.7
December	14.9	14.6	14.6	66.0	65.3	65.7

MONTHLY VITAL STATISTICS REPORT

Table C. DEATHS AND DEATH RATES, BY MONTH: UNITED STATES, 1975 AND 1976

[Rates on an annual basis per 1,000 population. Data are provisional unless otherwise specified]

Month	Number			Rate		
	1976	1975	1975 (final)	1976	1975	1975 (final)
Total	1,912,000	1,910,000	1,892,879	8.9	9.0	8.9
January	169,000	182,000	182,594	9.3	10.1	10.1
February	171,000	166,000	161,324	10.1	10.2	9.9
March	187,000	172,000	165,118	10.3	9.5	9.1
April	160,000	161,000	153,607	9.1	9.2	8.8
May	156,000	155,000	155,822	8.6	8.6	8.6
June	148,000	154,000	149,514	8.4	8.8	8.5
July	153,000	155,000	153,773	8.4	8.6	8.5
August	146,000	153,000	152,398	8.0	8.5	8.4
September	145,000	146,000	146,846	8.2	8.3	8.4
October	158,000	157,000	155,304	8.7	8.7	8.6
November	154,000	148,000	151,641	8.7	8.4	8.6
December	166,000	161,000	164,938	9.1	8.9	9.1

months of February, March, and April had higher death rates than the corresponding months of the previous year. This is attributable to the fact that the outbreak of influenza during these 3 months was more severe than during the first quarter of 1975. Also the months of October and November 1976 had slightly higher death rates than the corresponding months of 1975. For all other months, the rate was the same or lower (table C).

Table D. DEATH RATES FROM 15 LEADING CAUSES OF DEATH: UNITED STATES, 1976

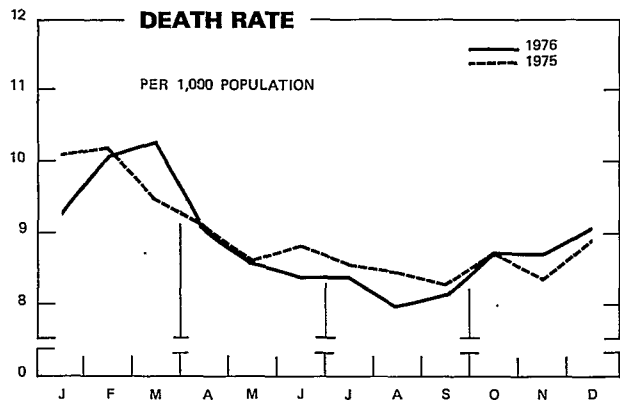
[Based on a 10-percent sample of deaths. Rates per 100,000 population. See table 8 for category numbers of causes of death]

Rank	Cause of death	Death rate	Per- cent of total deaths
	All causes	890.8	100.0
1	Diseases of heart	338.6	38.0
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	174.6	19.6
3	Cerebrovascular diseases	88.1	9.9
4	Accidents	46.8	5.3
5	Influenza and pneumonia	29.3	3.3
6	Diabetes mellitus	16.3	1.8
7	Cirrhosis of liver	14.5	1.6
8	Arteriosclerosis	13.4	1.5
9	Suicide	11.7	1.3
10	Certain causes of mortality in early infancy	11.6	1.3
11	Bronchitis, emphysema, and asthma	11.1	1.2
12	Homicide	8.8	1.0
13	Congenital anomalies	6.4	0.7
14	Nephritis and nephrosis	4.1	0.5
15	Septicemia	3.0	0.3
...	All other causes	112.4	12.6

Major Causes of Death

The 15 leading causes of death are ranked for 1976 in table D. Deaths assigned to these causes accounted for 87.4 percent of the total number of deaths in 1976. The list of the leading causes included one change from 1975. Septicemia became the 15th leading cause, replacing Peptic ulcer.

Cause-of-death ranking is based on the List of 69 Selected Causes of Death, adapted from one of the special lists for mortality tabulations recommended by the World Health Organization for use with the Eighth Revision of the International Classification of Diseases. Two group



titles—Major cardiovascular diseases and Symptoms and ill-defined conditions—are not ranked. In addition, category titles that begin with the words “Other” or “All other” are not ranked. The remaining titles are ranked to determine the leading causes of death. When one of the titles that represents a subtotal is ranked (e.g., Tuberculosis, all forms), its component parts (in this case, Tuberculosis of respiratory system and Tuberculosis, other forms) are not ranked.

The nominal reduction of 0.3 percent in the provisional death rate per 100,000 population for 1976 over the final rate for 1975 resulted primarily from sizable declines for 9 of the 15 leading causes of death. These declines were in great part offset by increases in the death rate for the remaining six of the leading causes. Decreases in mortality occurred for Cerebrovascular diseases; Accidents (both motor vehicle and other accidents); Diabetes mellitus; Cirrhosis of liver; Arteriosclerosis; Suicide; Certain causes of mortality in early infancy; Bronchitis, emphysema, and asthma; and Homicide. Causes for which the provisional death rate for 1976 was higher than the final rate for 1975 were (in the order of the magnitude of the rates for 1976) Diseases of heart, Malignant neoplasms, Influenza and pneumonia, Congenital anomalies, Nephritis and nephrosis, and Septicemia.

Diseases of heart.—The provisional death rate for Diseases of heart (338.6 per 100,000) for 1976 was slightly higher than the final rate for 1975 (336.2 per 100,000). But an examination of age-specific rates shows that mortality from this cause was lower for every age group in the age span of 15-84 years (table H). These

decreases were offset by a marked increase in the rate for the age group 85 years and over—from 7,282.0 deaths per 100,000 for 1975 to 7,489.8 deaths per 100,000 for 1976.

As measured by the age-adjusted death rate, however, mortality from heart disease continued to decline—from 220.5 deaths per 100,000 for 1975 to 217.2 deaths for 1976.

Diseases of heart persists as the most frequent cause of death. The percent that the number of deaths from Diseases of heart contributed to the total number of deaths remained quite stable during the third quarter of this century. This was 37.0 percent for 1950 and 38.0 for 1976.

Malignant neoplasms.—The estimated 1976 death rate for Malignant neoplasms (174.6 per 100,000) was 1.7 percent higher than the final rate for 1975 (171.7 per 100,000). The 1976 age-adjusted death rate (131.7 deaths per 100,000) was 0.6 percent higher than the final rate for 1975.

In general, the estimated age-specific death rates for 1976 continue the downward trend of the final figures for 1970-75 for ages under 45 years (table H). Increases for 1976 over 1975 occurred in all other age groups.

Unfortunately these age-specific death rates for the total population are of limited value for interpretation. For most age groups, they probably result from the offsetting of increases in the death rate for the male population by decreases in the rate for the female population. Over the period 1950-75 (the most recent years for which death rates for Malignant neoplasms are available by age, color, and sex), this death rate increased for the male population from 142.9 to 192.3 deaths per 100,000. This gives a total increase of 34.6 percent and an average annual increase of 1.4 percent. For this same period, the age-adjusted death rate for the male population was also upward—rising from 130.8 in 1950 to 161.4 deaths per 100,000, a total increase of 23.4 percent and an average annual increase of about 0.9 percent.

Although there was some increase in the unadjusted rate for Malignant neoplasms because of the increased proportion of women at the older ages, the trend for the age-adjusted rate was clearly downward for the female popula-

tion. It dropped 10.3 percent between 1950 and 1975—from 120.8 to 108.3 deaths per 100,000.

The trends for some of the major components of the diseases brought together under Malignant neoplasms are considered in the following paragraphs.

For all but three of these nine components, the estimated death rate for 1976 was higher than the final rate for 1975.

The greatest absolute increase was for Malignant neoplasms of respiratory system, which rose from 40.7 deaths per 100,000 for 1975 to an estimated 42.1 for 1976. The estimated 1976 age-adjusted rate for these neoplasms (33.3 deaths per 100,000) was 2.5 percent higher than the corresponding final rate for 1975 (32.5).

The estimated 1976 death rate for Malignant neoplasms of digestive organs and peritoneum, the largest of the nine components, was 46.9 per 100,000. This rate is about the same as the final rate for 1975 (46.8). Between 1945 and 1967 the death rate for this group of causes was generally downward, falling from 60.5 to 48.2 deaths per 100,000 for 1967. Between 1968 and 1975, however, the downward trend leveled off, with a rate of 46.8 deaths per 100,000 for both 1968 and 1975. The leveling off between 1968 and 1975 reflected the countervailing effects of the downturn in mortality from Malignant neoplasms of stomach, rectum, and liver and biliary passages and the upturn in mortality from Malignant neoplasms of esophagus, large intestine, and pancreas.

The 1976 estimated death rate of 15.5 per 100,000 for Malignant neoplasm of breast was slightly higher than the 1975 final rate. The estimated 1976 age-adjusted death rate (12.6 deaths per 100,000) was also slightly higher than the final age-adjusted rate for 1975. More meaningful data for this cause of death are those limited to the female population. The estimated 1976 female death rate for Malignant neoplasm of breast was 30.0 per 100,000, which was somewhat higher than the final rate for 1975 (29.4 per 100,000).

For Malignant neoplasms of the genital organs, the 1.0-percent increase in the estimated 1976 death rate from the final rate for 1975 reflects the offsetting of a decline of 0.5 percent in mortality for the female population by a rise

of 2.0 percent in mortality for the male population. An examination of final rates for 1968-75 by sex shows a downturn in mortality from Malignant neoplasms of cervix uteri and from Malignant neoplasms of other parts of uterus; and an upturn in mortality from Malignant neoplasms of prostate—from 17.3 for 1968 to 18.7 deaths per 100,000 for 1975.

Cerebrovascular diseases.—Between 1975 and 1976 the death rate for Cerebrovascular diseases dropped 3.3 percent—from 91.1 deaths per 100,000 to an estimated 88.1 for 1976. This percent decrease occurred despite the influenza epidemic during the first part of 1976. Between 1950 and 1975 the age-adjusted death rate dropped 38.6 percent—from 88.8 to 54.5 deaths per 100,000; between 1975 and 1976 the age-adjusted death rate dropped 5.7 percent—from 54.5 to 51.4 deaths per 100,000.

Accidents.—For 1976 the death rate for Motor vehicle accidents fell 0.9 percent—from 21.5 deaths per 100,000 for 1975 to an estimated 21.3 for 1976. This drop followed a decrease of 17.0 percent between the rate for 1973 and 1974—from 26.5 to 22.0 deaths per 100,000; and a decrease of 2.3 percent between the rates for 1974 and 1975. In 1974 there were serious gasoline shortages and new legislation went into effect establishing a maximum speed limit of 55 miles per hour on the Nation's highways.

The drop of the motor vehicle death rate to 21.3 for 1976 brought the rate almost down to the rate for 1961 (20.8). The year 1961 had the lowest rate recorded since 1943-44, when restrictions imposed by World War II, with shortages of tires, gasoline, and other materials, severely curtailed use of motor vehicles.

As measured by age-adjusted death rates, mortality from Motor vehicle accidents for 1976 (an estimated 20.8 deaths per 100,000) was the lowest recorded since the war-restricted years of 1943 and 1944, when the rates fell to 17.6 and 18.2 deaths per 100,000. Following World War II the age-adjusted death rate peaked at 28.5 deaths per 100,000 for 1969. The drop to 20.8 for 1976 represents a reduction from this peak of 27.0 percent.

Influenza and pneumonia.—From 1975 to 1976 (both influenza epidemic years) the un-

adjusted and the age-adjusted death rates for Influenza and pneumonia increased 12.3 and 5.4 percent, respectively. During the period 1950-75 there were 13 years with outbreaks of influenza in the Nation that resulted in annual death rates for Influenza (based on final figures), ranging from 2.4 to 6.0 deaths per 100,000.

Diabetes mellitus.—The unadjusted death rate for Diabetes mellitus for 1976 was 16.3 per 100,000; and the age-adjusted death rate for this cause was 11.2 deaths per 100,000. These rates were 1.2 and 3.4 percent lower, respectively, than the corresponding unadjusted and adjusted rates for 1975 (based on final figures). During the period 1968-76 the unadjusted death rate for Diabetes mellitus declined 15.1 percent and the age-adjusted rate declined 23.8 percent.

Cirrhosis of liver.—Again for 1976, as for each of the years 1973-75, Cirrhosis of liver ranked as the seventh leading cause of death. It moved steadily up to this rank from the 10th leading cause for 1969. This occurred despite the fact that the long upturn in mortality from Cirrhosis of liver peaked in 1973, both for the unadjusted death rate (with a peak of 15.9 deaths per 100,000), and for the age-adjusted death rate (15.0 deaths per 100,000). The estimated decrease in the age-adjusted death rate for this disease was 2.9 percent between 1975 and 1976.

Arteriosclerosis.—The death rate for Arteriosclerosis dropped slightly between 1975 and 1976—from 13.6 to 13.4 deaths per 100,000. For 1976, 95.6 percent of the deaths attributed to this cause occurred at ages 65 years and over. The age-adjusted death rate for Arteriosclerosis dropped an estimated 4.5 percent between 1975 and 1976.

Certain causes of mortality in early infancy.—The 1976 death rate for Certain causes of mortality in early infancy (11.6 per 100,000 population) dropped from the 6th to the 10th leading cause between 1968 and 1976. Between 1975 and 1976 the estimated decrease for this rate was 7.2 percent. The infant mortality rate for these causes (number of these deaths at ages under 1 year per 1,000 live births) decreased 7.1 percent, from 8.5 for 1975 to an estimated 7.9 for 1976.

Suicide.—Suicide became the ninth leading

cause in 1976. The estimated suicide rate (11.7 per 100,000) was 7.9 percent lower than the rate in 1975. The age-adjusted rate for this cause decreased 7.9 percent, from 12.6 to 11.6 deaths per 100,000.

At ages 15-24 years the estimated suicide rate for 1976 (10.5 per 100,000) was 11.0 percent lower than the final rate for 1975. Suicide among persons at these ages for 1975 was almost three times higher than the rate for 1957 (4.0 deaths per 100,000).

Bronchitis, emphysema, and asthma.—The decrease of 7.5 percent between 1975 and 1976 in the death rate for Bronchitis, emphysema, and asthma (ICDA Nos. 490-493), from 12.0 to 11.1 deaths per 100,000, is misleading. The probable upturn of mortality from these causes between 1975 and 1976 has been obscured by the increasing frequency with which medical certifiers are entering the generalized term "chronic obstructive lung disease" on certificates instead of a more specific diagnosis of "Emphysema," "Bronchitis," or "Asthma." Chronic obstructive lung disease is, by international rules, assigned to the category "Other diseases of lung" (ICDA No. 519.2). Beginning with data year 1969, the United States established a separate category (denoted by *519.3) to identify deaths assigned to Chronic obstructive lung disease. Effective with data for 1972 the title was changed to Chronic obstructive lung disease without mention of asthma, bronchitis, or emphysema. The following table shows separate death rates for each year of the period 1969-75 for these complementary categories and for their combinations.

Year	Bronchitis, emphysema, and asthma (490-493)	Chronic obstructive lung disease without mention of asthma, bronchitis, or emphysema (*519.3)	Combination of 490-493 and *519.3
1975	12.0	8.3	20.2
1974	12.7	6.8	19.5
1973	14.2	5.4	19.6
1972	14.8	3.9	18.7
1971	14.7	3.1	17.8
1970	15.2	2.2	17.4
1969	15.4	1.3	16.8

The percents of the combined death rates that are deaths attributed to Chronic obstructive lung disease without mention of asthma, bronchitis, or emphysema increased from 7.7 for 1969 to 41.1 for 1975. Separate death rates for this category are not available from provisional data. It is likely, however, that final data for 1976 will show a continuation of the rising percent that deaths assigned to Chronic obstructive lung disease without mention of asthma, bronchitis, or emphysema are of the total deaths assigned to the combination of categories ICDA Nos. 490-493 and *519.3.

Homicide.—Both the unadjusted and the age-adjusted death rates for Homicide for 1976 (8.8 and 9.2 per 100,000 population) were lower than the corresponding rates for 1975.

Congenital anomalies.—For 1976 deaths at ages under 1 year assigned to Congenital anomalies (8,300) constituted about 60 percent of the total number of 13,780 deaths assigned to this cause. This percent that died before reaching their first birthday decreased over the period 1950-75, from 76 percent for 1950 to 65 percent for 1975.

Nephritis and nephrosis.—The death rate for Nephritis and nephrosis rises with age. Its unadjusted death rate dropped from 4.7 deaths per 100,000 for 1968 (the first year the Eighth Revision was in use) to an estimated 4.1 for 1976.

Septicemia.—This cause became one of the leading causes of death for the first time in

1976, replacing Peptic ulcer. This once infrequent cause of death has been rising steadily—from 1.9 deaths per 100,000 for 1971 to 3.0 per 100,000 for 1976.

Death Rates by Age, Color, and Sex

There were decreases in the rate at ages under 1 year and in the rates per 1,000 population for every 10-year age group in the span 5-84 years (table 6). The rates for children 1-4 years remained the same for 1975 and 1976 while those for persons 85 years and over rose slightly.

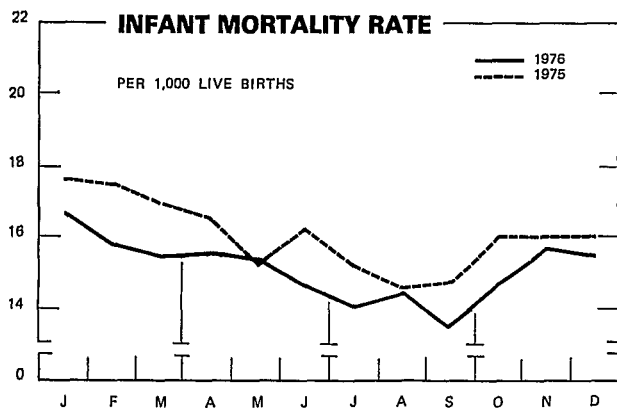
Sex differentials for mortality by age.—The 1976 death rate for the male population (10.1 per 1,000) was 1.3 times the corresponding rate for the female population (7.8), which was the same as the ratio for 1975. For both years the death rate was higher for males than for females in each age group (chart on page 8), and the mortality sex ratio varied widely by age with a major peak at ages 15-24 years—3.0 in 1975 and 2.8 in 1976.

Table E. DEATH RATES BY AGE: UNITED STATES, 1975 AND 1976

[For 1976, based on a 10-percent sample of deaths. Rates per 100,000 population in specified group]

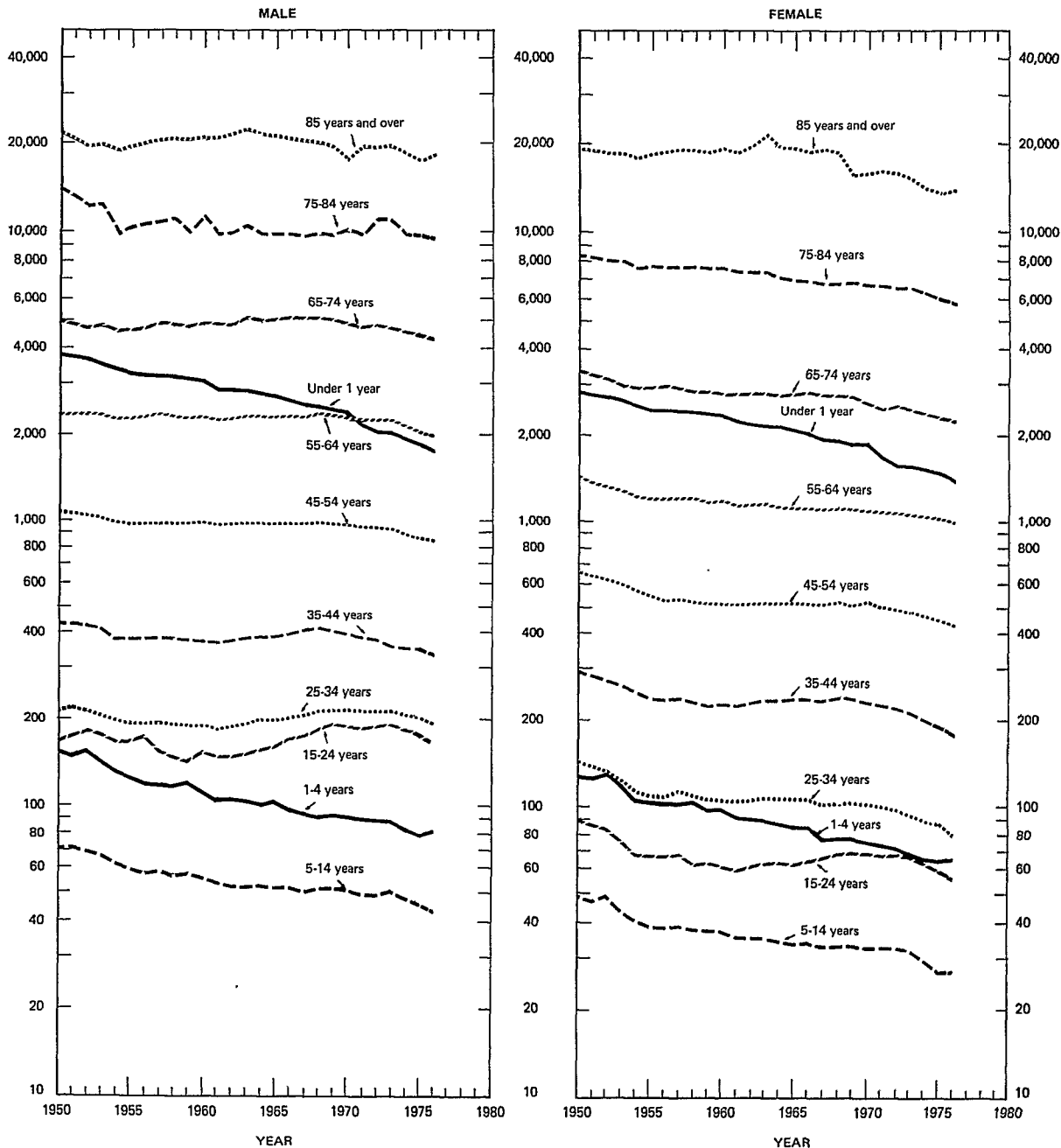
Age	1976 (est.)	1975 (final)	Percent difference
All ages ¹	890.8	888.5	0.3
Under 1 year.....	1,579.3	1,641.0	-3.8
1-4 years.....	72.3	70.8	2.1
5-14 years.....	34.7	35.7	-2.8
15-24 years.....	113.8	118.9	-4.3
25-34 years.....	133.3	143.2	-6.9
35-44 years.....	254.0	266.8	-4.8
45-54 years.....	636.2	649.6	-2.1
55-64 years.....	1,478.7	1,495.5	-1.1
65-74 years.....	3,137.7	3,189.2	-1.6
75-84 years.....	7,306.3	7,359.2	-0.7
85+ years.....	15,638.9	15,187.9	3.0

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



DEATH RATES PER 100,000 POPULATION, BY AGE AND SEX: UNITED STATES, 1950-76

[For 1976, based on a 10-percent sample of deaths; for all other years, based on final data]



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Table F. INFANT MORTALITY RATES BY AGE AND COLOR: UNITED STATES, 1950 AND 1960-76

[For 1976, based on a 10-percent sample of deaths; for all others years, based on final data. Rates per 1,000 live births]

Year	Total			White			All other		
	Under 1 year	Under 28 days	28 days to 11 months	Under 1 year	Under 28 days	28 days to 11 months	Under 1 year	Under 28 days	28 days to 11 months
1976 (est.)	15.1	10.7	4.4	13.4	9.5	3.9	22.1	15.4	6.7
1975	16.1	11.6	4.5	14.2	10.4	3.8	24.2	16.8	7.5
1974	16.7	12.3	4.4	14.8	11.1	3.7	24.9	17.2	7.7
1973	17.7	13.0	4.8	15.8	11.8	3.9	26.2	17.9	8.3
1972 ¹	18.5	13.6	4.8	16.4	12.4	4.0	27.7	19.2	8.5
1971	19.1	14.2	4.9	17.1	13.0	4.0	28.5	19.6	8.9
1970	20.0	15.1	4.9	17.8	13.8	4.0	30.9	21.4	9.5
1969	20.9	15.6	5.3	18.4	14.2	4.2	32.9	22.5	10.4
1968	21.8	16.1	5.7	19.2	14.7	4.5	34.5	23.0	11.6
1967	22.4	16.5	5.9	19.7	15.0	4.7	35.9	23.8	12.1
1966	23.7	17.2	6.5	20.6	15.6	5.0	38.8	24.8	13.9
1965	24.7	17.7	7.0	21.5	16.1	5.4	40.3	25.4	14.9
1964	24.8	17.9	6.9	21.6	16.2	5.4	41.1	26.5	14.6
1963 ²	25.2	18.2	7.0	22.2	16.7	5.5	41.5	26.1	15.4
1962 ²	25.3	18.3	7.0	22.3	16.9	5.5	41.4	26.1	15.3
1961	25.3	18.4	6.9	22.4	16.9	5.5	40.7	26.2	14.5
1960	26.0	18.7	7.3	22.9	17.2	5.7	43.2	26.9	16.4
1950	29.2	20.5	8.7	26.8	19.4	7.4	44.5	27.5	16.9

¹Based on a 50-percent sample of deaths.

²Figures by color exclude data for residents of New Jersey.

Table G. INFANT MORTALITY RATES, BY AGE AND SELECTED CAUSES: UNITED STATES, 1973-76

[For 1976, based on a 10-percent sample of deaths; for all other years, based on final data. Rates per 1,000 live births]

Age and cause of death	1976 (est.)	1975	1974	1973
Total, under 1 year	15.1	16.1	16.7	17.7
Under 28 days	10.7	11.6	12.3	13.0
28 days to 11 months	4.4	4.5	4.4	4.8
Certain gastrointestinal diseases	004,006-009,535,561,563	0.2	0.3	0.2
Influenza and pneumonia	470-474,480-486	0.6	0.7	0.8
Congenital anomalies	740-759	2.6	2.7	2.9
Birth injuries	764-768(0.3),772	0.5	0.6	0.6
Asphyxia of newborn, unspecified	776.9	1.1	1.3	1.7
Immaturity, unqualified	777	1.4	1.4	1.7
Other diseases of early infancy	Remainder of 760-778	4.7	5.2	5.5
All other causes	Residual	4.0	3.9	3.8

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Table H. AGE-SPECIFIC AND AGE-ADJUSTED DEATH RATES FOR SPECIFIED CAUSES: UNITED STATES, 1975 AND 1976

[For 1976, based on a 10-percent sample of deaths; and for 1975 based on final data. Rates per 100,000 population in specified group]

Cause of death and year	All ages	Under 1 year	1-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over	Age-adjusted rate ¹
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-209):												
1976.....	174.6	2.3	4.9	6.6	13.9	52.0	183.2	440.0	781.7	1,223.2	1,414.0	131.7
1975.....	171.7	4.2	5.0	6.8	14.9	53.0	181.8	430.7	775.5	1,221.9	1,408.8	130.9
Malignant neoplasms of digestive organs and peritoneum (150-159):												
1976.....	46.9	—	0.1	0.3	1.7	9.3	37.1	104.1	219.8	401.5	494.4	33.3
1975.....	46.8	0.4	0.1	0.4	1.8	8.9	37.0	105.2	221.3	406.9	504.4	33.6
Malignant neoplasms of respiratory system (160-163):												
1976.....	42.1	—	0.0	0.1	0.8	11.0	53.4	138.5	209.5	213.0	151.1	33.3
1975.....	40.7	0.2	0.0	0.1	0.9	11.0	52.3	131.9	205.3	212.4	142.8	32.5
Malignant neoplasm of breast (174):												
1976.....	15.5	—	—	0.0	1.5	8.8	26.4	43.3	58.3	80.3	110.9	12.6
1975.....	15.2	0.1	0.0	0.1	1.7	9.5	26.1	42.1	55.4	81.8	109.1	12.5
Malignant neoplasms of genital organs (180-187):												
1976.....	20.4	—	0.1	0.5	1.8	5.4	16.7	40.1	87.1	183.6	247.7	14.4
1975.....	20.2	—	0.1	0.7	2.0	5.9	17.0	39.0	89.6	182.5	234.8	14.6
Diabetes mellitus (250):												
1976.....	16.3	—	0.0	0.4	1.8	4.4	9.4	29.7	70.9	156.6	226.3	11.2
1975.....	16.5	0.2	0.1	0.4	1.7	4.2	10.3	29.3	75.2	160.1	224.6	11.6
Major cardiovascular diseases (390-448):												
1976.....	455.4	23.1	1.6	3.7	12.4	64.3	237.8	666.2	1,673.0	4,569.9	11,117.0	284.8
1975.....	455.8	26.4	1.8	4.4	13.1	68.4	245.9	684.4	1,716.4	4,670.1	10,939.7	291.4
Diseases of heart (390-398,402,404,410-429):												
1976.....	338.6	16.5	1.2	2.0	8.1	51.4	199.1	553.0	1,295.9	3,263.0	7,489.8	217.2
1975.....	336.2	20.3	1.1	2.6	8.6	53.9	205.1	564.7	1,323.7	3,280.8	7,282.0	220.5
Cerebrovascular diseases (430-438):												
1976.....	88.1	5.9	0.4	1.3	3.7	10.4	31.4	84.7	284.1	1,009.6	2,618.5	51.4
1975.....	91.1	5.1	0.6	1.4	3.5	11.7	32.2	91.7	303.1	1,076.3	2,654.8	54.5
Cerebral hemorrhage (431):												
1976.....	11.5	1.7	0.1	0.4	1.2	3.9	9.7	18.1	43.8	106.4	191.3	7.9
1975.....	12.6	2.1	0.1	0.4	0.9	3.6	9.9	22.3	49.0	117.2	217.2	8.7
Cerebral thrombosis (433):												
1976.....	21.2	1.0	0.0	0.0	0.1	0.4	3.3	14.0	65.2	263.6	741.6	11.4
1975.....	22.7	0.3	0.0	0.1	0.2	0.7	3.6	16.9	72.7	296.8	754.9	12.7
Arteriosclerosis (440):												
1976.....	13.4	—	—	0.0	—	0.3	0.9	4.8	24.9	150.1	701.4	6.3
1975.....	13.6	—	—	0.0	0.0	0.2	1.1	5.2	26.6	159.4	706.8	6.6
Influenza and pneumonia (470-474,480-486):												
1976.....	29.3	60.1	1.6	1.3	2.2	5.2	11.1	27.6	71.1	302.4	975.6	17.5
1975.....	26.1	71.5	1.8	1.7	2.5	5.3	11.1	27.0	70.2	264.4	777.1	16.6
Bronchitis, emphysema, and asthma (490-493):												
1976.....	11.1	1.3	0.2	0.2	0.3	1.0	5.6	23.2	59.8	97.9	109.9	7.7
1975.....	12.0	3.2	0.3	0.3	0.6	1.6	6.4	25.4	65.3	106.2	101.3	8.6
Cirrhosis of liver (571):												
1976.....	14.5	1.7	0.1	0.3	3.2	15.3	37.1	45.9	41.6	32.2	15.8	13.4
1975.....	14.8	1.2	0.1	0.4	3.8	16.7	36.0	49.0	42.8	29.0	16.9	13.8
Accidents (E800-E949):												
1976.....	46.8	44.6	19.0	58.4	42.0	37.9	40.4	48.5	62.6	134.0	333.2	42.8
1975.....	48.4	43.4	20.6	60.3	44.9	39.8	42.1	48.8	66.5	141.0	316.9	44.8
Motor vehicle accidents (E810-E823):												
1976.....	21.3	8.6	8.6	39.3	23.5	17.9	18.1	18.5	19.9	32.8	31.0	20.8
1975.....	21.5	8.3	9.1	39.2	25.0	18.9	17.2	18.1	22.0	32.5	24.2	21.3
All other accidents (E800-E807, E825-E949):												
1976.....	25.5	36.0	10.4	19.1	18.4	19.9	22.3	30.0	42.7	101.3	302.1	21.9
1975.....	26.8	35.1	11.5	21.1	20.0	20.9	24.8	30.7	44.5	108.6	292.7	23.5
Suicide (E950-E959):												
1976.....	11.7	...	0.2	10.5	14.7	16.7	17.5	19.6	17.5	20.5	18.8	11.6
1975.....	12.7	...	0.3	11.8	16.4	17.4	20.1	20.0	19.7	20.6	18.1	12.6
Homicide (E960-E978):												
1976.....	8.8	9.6	1.2	12.6	15.6	13.4	9.5	7.3	5.5	4.6	5.1	9.2
1975.....	10.0	5.8	1.4	13.7	18.4	15.8	11.6	8.0	6.0	5.7	4.6	10.5

¹The age-adjusted rates were computed by the direct method: age-specific death rates for a particular cause were applied to the standard population. The total population as enumerated in 1940, distributed by the same age groups shown in this table, was selected as the standard for 1976; for 1975 the same standard population and age distribution was used, except that the age group 1-14 years was divided into 1-4 and 5-14 years.

Table J. DEATHS UNDER 1 YEAR AND INFANT MORTALITY RATES, BY MONTH: UNITED STATES, 1975 AND 1976

[Rates on an annual basis per 1,000 live births. Monthly rates adjusted for changing number of births. Data are provisional unless otherwise specified]

Month	Number			Rate		
	1976	1975	1975 (final)	1976	1975	1975 (final)
Total	47,800	50,700	50,525	15.1	16.1	16.1
January	4,300	4,700	4,608	16.7	17.6	17.8
February	3,800	4,300	4,055	15.7	17.5	17.0
March	4,100	4,500	4,310	15.5	17.0	16.5
April	3,800	4,200	4,126	15.6	16.5	16.4
May	3,900	4,000	4,262	15.4	15.3	16.3
June	3,700	4,200	4,118	14.7	16.3	16.1
July	3,900	4,200	4,265	14.1	15.2	15.2
August	4,000	4,200	4,207	14.5	14.6	15.0
September	3,800	4,000	4,093	13.6	14.8	15.0
October	4,100	4,400	4,209	14.9	16.0	15.7
November	4,100	4,000	4,075	15.7	16.0	16.3
December	4,200	4,300	4,197	15.6	16.0	15.8

Maternal and Infant Mortality

In 1976 the deaths of an estimated 460 women were assigned to Complications of pregnancy, childbirth, and the puerperium. The provisional maternal mortality rate was 14.5 per 100,000 live births. The maternal mortality rates per 100,000 live births for 1950 and each of the last 17 years are as follows:

1976 (est.)	14.5	1967	28.0
1975	12.8	1966	29.1
1974	14.6	1965	31.6
1973	15.2	1964	33.3
1972	18.8	1963	35.8
1971	18.8	1962	35.2
1970	21.5	1961	36.9
1969	22.2	1960	37.1
1968	24.5	1950	83.3

In 1976 there were approximately 47,800 infant deaths resulting in an estimated infant mortality rate of 15.1 per 1,000 live births. This was the lowest annual rate ever recorded in the United States and represents a decrease of 6.2 percent from the final rate of 16.1 for 1975. Both the neonatal (under 28 days) and the postneonatal (28 days to 11 months) mortality rates declined in 1976 with the neonatal rate

showing a proportionately greater decline than the postneonatal rate.

Expectation of Life

The estimated expectation of life at birth in 1976 was 72.8 years for the total population, the highest life expectancy ever attained in the United States. Expectation of life is the average number of years that an infant would be expected to live if the age-specific death rates observed during the year of the infant's birth were to continue unchanged throughout its life.

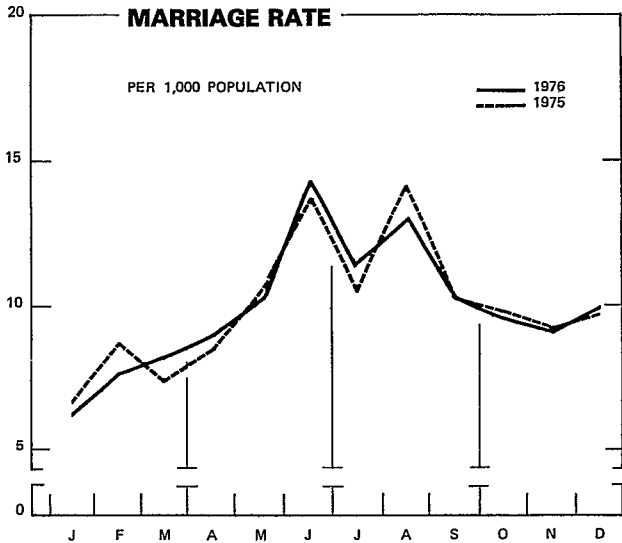
Based on the respective annual age-specific death rates, the expectation of life at birth for each of the last 10 years was as follows:

1976 (est.)	72.8	1971	71.1
1975	72.5	1970	70.9
1974	71.9	1969	70.4
1973	71.3	1968	70.2
1972	71.1	1967	70.5

MARRIAGES

Provisional reports indicate that 2,133,000 marriages were performed in 1976, about 20,000 fewer than the 1975 final total of

2,152,662 (table K). The number of marriages was lower in 1976 than in any year since 1969. After increasing for 15 years, from 1958 to 1973, the number declined in both 1974 and 1975.



In 1976 the provisional marriage rate dropped for the fourth consecutive year. It was 9.9 per 1,000 population (table K), 2 percent lower than the final rate for 1975 and 10 percent lower than the 22-year high reached in 1972.

The number of marriages and the marriage rate for each State and geographic division are shown in table 1. Comparing provisional data for 1976 with final data for 1975, both the number of marriages and the marriage rate declined in seven of the nine geographic divisions. In the South Atlantic and the West South Central Divisions, marriages remained essentially unchanged, while in the East South Central Division (Alabama, Kentucky, Mississippi, and Tennessee) the number increased more than 4 percent, and the marriage rate increased more than 3 percent. Provisional reports for 1976 indicate that in 26 States the numbers of marriages increased over final totals for 1975. However, many of these changes were small, and the direction of change for some States may be reversed when final totals for 1976 are available.

Table K. MARRIAGES AND MARRIAGE RATES, BY MONTH: UNITED STATES, 1975 AND 1976

[Rates on an annual basis per 1,000 population. Data are provisional unless otherwise specified]

Month	Number			Rate				
	1976	1975	1975 (final)	Unadjusted for seasonal variation			Adjusted for seasonal variation	
				1976	1975	1975 (final)	1976	1975
Total	2,133,000	2,126,000	2,152,662	9.9	10.0	10.1
January	115,000	120,000	121,125	6.3	6.6	6.7	8.8	9.2
February	129,000	143,000	132,607	7.6	8.8	8.1	9.8	11.4
March	147,000	135,000	147,712	8.1	7.5	8.2	10.2	9.4
April	156,000	152,000	155,819	8.9	8.7	8.9	10.3	10.1
May	187,000	193,000	203,073	10.3	10.7	11.2	11.0	11.4
June	253,000	238,000	254,632	14.4	13.6	14.5	9.5	9.0
July	208,000	193,000	193,899	11.4	10.6	10.7	10.9	10.1
August	236,000	255,000	251,839	13.0	14.1	13.9	9.8	10.6
September	181,000	181,000	174,942	10.3	10.3	10.0	9.5	9.5
October	174,000	179,000	173,209	9.6	9.9	9.5	10.1	10.5
November	163,000	163,000	165,528	9.2	9.3	9.4	9.2	9.2
December	183,000	175,000	178,277	10.0	9.7	9.8	10.0	9.7

DIVORCES

According to provisional estimates, 1,077,000 divorces were granted in 1976, representing an increase of 41,000, or 4 percent, over the final count in 1975. The number of divorces in the United States increased every year after 1962 and more than doubled between 1966 (499,000 divorces) and 1976 (1,077,000 divorces). In recent years the increase has slowed, and the additional number of divorces has been smaller each year since 1971.

While the increase in divorces has been diminishing, it still out paced population growth, resulting in a higher divorce rate. Estimated from provisional reports, the 1976 divorce rate was 5.0 per 1,000 population, double the 1966 divorce rate of 2.5. The divorce rate has increased every year since 1966. The rise was very rapid in the late sixties, with an average annual increase of more than 11 percent between 1967 and 1970. However, the rate of increase has declined in more recent years. The 1976 provisional divorce rate was only 2 percent higher than the 1975 final rate of 4.9 per 1,000 population.

The divorce rate varied considerably from one State to another (table 3). Nevada had the highest 1976 provisional divorce rate at 16.6 per 1,000 population. All the other reporting States had divorce rates between 2.4 (New Jersey) and 8.4 (Alaska). These rate differentials may be compared with the differentials obtained a decade earlier. In 1966 Nevada had the highest divorce rate at 21.4 per 1,000 population, while all other States had rates between 0.4 (New York) and 5.7 (Arizona). Recent legal changes in various States have probably contributed to the reduction of the overall range in State divorce rates. Most States now have some form of "no fault" divorce law. In addition, many States have reduced their residency requirements and the duration of separation required before divorce.

EXPLANATORY NOTES

Nature and Sources of Data

All data for 1976 in this report are provisional. Data for the United States as a whole refer to events occurring within the United States; other data refer to events within the reporting areas shown.

Beginning with 1970, final birth and mortality statistics exclude data for births to nonresidents of the United States. Data for nonresidents are included in provisional data for 1975 and 1976.

Provisional or estimated figures for births, marriages, divorces, and deaths, except data estimated from the Current Mortality Sample, summarize data from monthly reports of the numbers of birth, marriage, divorce, and death certificates received in registration offices between two dates a month apart regardless of when the events occurred. Final figures are counts of events occurring in the specified year. Monthly estimates of births and marriages for the entire United States are based on the monthly reports adjusted for observed differences from final monthly figures. State figures are not adjusted in this manner. All mortality figures exclude fetal deaths.

Table L. ESTIMATED NUMBER OF DIVORCES AND DIVORCE RATES, BY MONTH: UNITED STATES, 1975 AND 1976

[Rates on an annual basis per 1,000 population]

Month	Number		Rate	
	1976	1975	1976	1975
Total.....	1,077,000	1,026,000	5.0	4.8
January	88,000	83,000	4.8	4.6
February	79,000	73,000	4.7	4.5
March	95,000	84,000	5.3	4.6
April	94,000	84,000	5.4	4.8
May	87,000	82,000	4.8	4.6
June	95,000	87,000	5.4	4.9
July	93,000	87,000	5.1	4.8
August	87,000	83,000	4.8	4.6
September	88,000	91,000	5.0	5.2
October	91,000	90,000	5.0	5.0
November	87,000	84,000	4.9	4.8
December	93,000	99,000	5.1	5.5

Provisional marriage data by State are shown in table 1. For most States, data represent marriages reported. The following areas reported marriage licenses issued in some or all months of 1976: Arizona, Arkansas, Florida, New Mexico, and New York City.

Seasonal adjustment factors used for marriages were modified for monthly variation in the number of specified days of the week (Sundays, Mondays, and so forth) because marriages are more likely on some days than on others.

Provisional divorce data including reported annulments are shown in table 3 for the areas reporting divorce data monthly. Divorce figures for the United States are estimated from a summary of monthly reports from 44 States and the District of Columbia. These areas contain over 90 percent of the population of the United States as enumerated in 1970.

Current Mortality Sample

The Current Mortality Sample is a 10-percent systematic sample of death certificates received each month in State vital statistics offices. Deaths and death rates for 1976 by cause, age, color, and sex were estimated from this sample.

The sample was taken from death certificates received monthly during 1976 in the vital statistics offices in the 50 States, the District of Columbia, and the independent registration area of New York City. The sample for each of these areas consists of one-tenth of the death certificates received in the office between a given date and the same date of the following month. All death certificates received during the 1-month period are sampled regardless of the month or year in which the death occurred. As a result the monthly sample is not strictly comparable to a sample on a month-of-occurrence basis. The proportion of death certificates received in the samples for each month of 1976 representing deaths occurring in the current month and those occurring in other months are shown in the following table:

Month	Deaths occurring in—		
	Same month	Previous month	All other months
January	77.0	15.9	7.1
February	75.4	17.7	6.9
March	74.9	18.8	6.3
April	76.1	18.1	5.9
May	76.9	16.9	6.2
June	75.6	18.4	6.0
July	75.8	17.2	7.1
August	76.0	18.2	5.8
September	73.9	18.7	7.5
October	75.6	17.2	7.2
November	76.1	18.0	5.9
December	75.8	17.9	6.3

Because of the way in which death certificates are processed in California, this State contributes a high proportion of the certificates for deaths not occurring in the sample month. For the sample exclusive of California, the percent of the sample deaths occurring in the current month constitute about 83 percent of the total as opposed to 76 percent of the entire sample. As for the year of occurrence 97.5 percent of the 190,398 transcripts in the 1976 sample were for deaths occurring in 1976 and 2.5 percent for deaths occurring in 1975.

Correction for Bias and Adjustments to Provisional Counts

The Current Mortality Sample is selected at a specified time each month. Complete information concerning the underlying cause of death is sometimes not available in the State offices when the sample is drawn but is available later when copies of the final death certificates are submitted to the National Center for Health Statistics. As a result estimates based on sample counts for certain causes are recurrently biased estimates of final counts. Comparisons of sample and final counts for previous years have shown that these biases are primarily associated with certain cause-of-death groups.

Cause of death	Adjusted weight (all ages)
Malignant neoplasms of urinary organs	188,189 9.72
Benign neoplasms and neoplasms of unspecified nature	210-239 9.48
All other forms of heart disease	420-423,425-427,429 10.20
Pneumonia	480-486 10.22
Chronic and unqualified nephritis and renal sclerosis	582,584 10.54
Other complications of pregnancy and the puerperium	630-639,650-678 8.46
Birth injury, difficult labor, and other anoxic and hypoxic conditions	764-768,772,776 9.72
Other causes of mortality in early infancy	Remainder of 760-778 10.57
Symptoms and ill-defined conditions	780-796 8.02
All other diseases	Residual 10.14
Motor vehicle accidents	E810-E823 10.25
All other accidents	E800-E807,E825-E949 10.32
Suicide	E950-E959 10.25
Homicide	E960-E978 10.59

The sample data in this report are adjusted for such deficiencies based on the experience of the 3 years—1973, 1974, and 1975. If for a given cause the sample count for these years departs from one-tenth of the final count by more than would be expected on the basis of sampling variability alone, the sample deaths for this cause are corrected by multiplying the sample frequency by an adjusted weight. The adjusted weight used is the ratio of the number of deaths from the given cause in the final count of deaths for the 3 years to the number of deaths from this cause in the sample returns for the same years, multiplied by 10 times the 3-year average sampling fraction for all causes. Such adjustments have been necessary for relatively few causes. The adjusted weights which were applied to the 1976 sample for all ages are shown in the table above.

The same list of causes that was tested for bias for "all ages" was also tested for bias at ages

under 1 year. For those causes found to need correction for bias at ages under 1 year, the adjusted weight used is the ratio of the number of deaths under 1 year of age from the given cause in the final count of deaths for the 3 years to the number of deaths under 1 year of age from this cause in the sample returns for the same years, multiplied by 10 times the 3-year average sampling fraction for all causes at ages under 1 year. The adjusted weights which were applied to the 1976 sample for under 1 year of age are listed in the table below.

The number of deaths for all ages for each of the 14 causes to be corrected for bias are multiplied by the adjusted weights for all ages, to obtain the preliminary estimates of the number of deaths from these causes. The preliminary estimates of the number of deaths (all ages) for each of the remaining causes are obtained by multiplying by 10 the numbers in the sample from these causes.

Cause of death	Adjusted weight (under 1 year)
Enteritis and other diarrheal diseases	008,009 8.82
Cerebral hemorrhage	431 15.60
Cerebral thrombosis	433 15.60
Cerebral embolism	434 15.60
All other cerebrovascular diseases	430,432,435-438 15.60
Congenital anomalies	740-759 9.64
Birth injury, difficult labor, and other anoxic and hypoxic conditions	764-768,772,776 9.62
Other causes of mortality in early infancy	Remainder of 760-778 10.43

Similarly the number of deaths at ages under 1 year for each of the eight causes to be corrected for bias are multiplied by the adjusted weights for under 1 year, to obtain the preliminary estimates of the number of deaths at ages under 1 year from these causes. The preliminary estimates of the number of deaths at ages under 1 year for each of the remaining causes are obtained by multiplying by 10 the numbers in the sample from these causes at ages under 1 year.

The preliminary estimate of the number of deaths at ages 1 year and over is obtained for each cause by subtracting the preliminary estimate of the number of deaths from the cause at ages under 1 year from the preliminary estimate of all deaths from the particular cause.

Then for each cause the final estimate of the number of deaths at ages under 1 year was obtained by adjusting the preliminary estimate proportionately to the provisional count of deaths at ages under 1 year; and for each cause the final estimate of the number of deaths at ages 1 year and over was obtained by adjusting the preliminary estimate proportionately to the provisional count of deaths at ages 1 year and over.

For each cause the final estimate of the number of deaths for all ages was taken to be the sum of the estimates at ages under 1 year and at 1 year and over.

These two sets of adjustments resulted in final weights which were assigned to the sample records and are reflected in estimates for color-sex groups and the age groups as well as cause groups.

Cause-of-Death Classification

The mortality statistics presented here are compiled in accordance with the World Health Organization Regulations, which specify that member nations classify causes of death in accordance with the current revision of the International Statistical Classification of Diseases, Injuries, and Causes of Death.¹ An adap-

¹World Health Organization: *Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death*, based on the Recommendations of the Eighth Revision Conference, 1965. Geneva. World Health Organization, 1967.

tion of the Eighth Revision of the Classification—*Eighth Revision, International Classification of Diseases, Adapted for Use in the United States*²—was used beginning with 1968. The Seventh Revision was used for 1958 through 1967.

This introduction of a new revision has led to a break in the comparability of data by cause of death. The comparability ratio is a measure that estimates the degree of comparability by cause.

For information about comparability ratios between the Seventh and Eighth Revisions, see *Monthly Vital Statistics Reports*, Vol. 17, No. 8, Supplement. For a list of other reports on the effects of revisions of the International Lists on mortality statistics tabulated by cause, see *Vital Statistics—Special Reports*, Vol. 51, No. 4, March 1965, p. 248.

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.

Causes of death for data presented in this publication were coded by procedures outlined in issues of Part 2a of NCHS *Instruction Manual, Vital Statistics, Instructions for Classifying the Underlying Cause of Death*.

Population Bases for Computing Rates

The populations used for computing rates shown in this report represent the population residing in the specified area. They were published by the U.S. Bureau of the Census in the following issues of *Current Population Reports*, Series P-25:

1. No. 642. "Population Estimates and Projections," 1976.

²National Center for Health Statistics: *Eighth Revision International Classification of Diseases, Adapted for Use in the United States*. PHS Pub. No. 1693. Public Health Service. Washington. U.S. Government Printing Office, 1967.

2. No. 643. "Population Estimates and Projections," 1977.

Infant mortality rates are based on live births. For an explanation of the method used in computing infant mortality rates adjusted for the changing numbers of births, see "Effect of Changing Birth Rates Upon Infant Mortality Rates," *Vital Statistics—Special Reports*, Vol. 19. No. 21. Nov. 1944 (U.S. Bureau of the Census).

Sampling Variability

Since the estimates of deaths and death rates presented in this report (with the exceptions of total deaths and deaths under 1 year) are based on a sample of the death certificates, they are subject to sampling variability. The estimated percent error shown in this report is a measure of the sampling error of the estimated number of deaths (or of the estimated death rate) expressed as a percent of the estimate. The chances are about 2 out of 3 that the percent difference between an estimate and the result of a complete count is less than the percent error shown. The chances are about 19 out of 20 that the percent difference is less than twice the percent error.

Two methods are used for estimating percent errors—one for the ratio estimates for the causes of death corrected for bias and the other for estimates for the remaining causes of death or for given age-color-sex groups. The percent error of a ratio estimate for a given cause of death for all ages is computed as follows:

$$V = 300 \sqrt{\frac{1}{10} \left(\frac{1}{x} - \frac{1}{D} \right) + \left(\frac{1}{Y} - \frac{1}{M} \right)}$$

where

V = percent error of the estimate X

X = The estimated number of deaths (or estimated death rate) in a given cause or age-color-sex group

x = the number of deaths in the sample from the given cause

D = 190,398, the total number of death certificates in the sample for 1976

Y = the final number of deaths from the given cause in the 3 years 1973, 1974, and 1975 combined

M = 5,800,270, the final count of all deaths occurring in the 3 years—1973, 1974, and 1975 combined.

The percent errors for the remaining estimates for given causes of death or for a given age-color-sex group are computed as follows:

$$V = 300 \sqrt{\frac{1}{X} - \frac{1}{N}}$$

where

V = the percent error of the estimate X

X = the estimated number of deaths from a given cause or age-color-sex group

N = 1,912,000, the provisional number of registered deaths in 1976.

The percent error due to sampling may be obtained by using the above formula where X is the estimated number of deaths in a given group. For easy reference, the percent errors ascribable to sampling for estimates based on several levels in the number of deaths are

50	42.4	1,000	9.5
100	30.0	2,000	6.7
200	21.2	5,000	4.2
300	17.3	10,000	3.0
400	15.0	20,000	2.1
500	13.4	50,000	1.3
600	12.2	100,000	0.9
700	11.2	200,000	0.6
800	10.6	500,000	0.4
900	10.0	1,000,000	0.2

MONTHLY VITAL STATISTICS REPORT

Table 1. LIVE BIRTHS, MARRIAGES, AND RATES: EACH REPORTING AREA, 1975 AND 1976

[By place of occurrence. Rates per 1,000 population in specified area. Data are provisional unless otherwise specified]

Area	Live births					Marriages ¹				
	Number		Rate			Number		Rate		
	1976	1975 (final)	1976	1975	1975 (final)	1976	1975 (final)	1976	1975	1975 (final)
New England	145,082	148,657	11.9	12.0	12.2	94,519	96,761	7.7	7.9	7.9
Maine	14,603	14,771	13.6	13.6	13.9	11,345	11,190	10.6	10.6	10.6
New Hampshire	11,247	11,073	13.7	13.3	13.5	8,396	8,831	10.2	10.5	10.8
Vermont	6,604	6,438	13.9	12.7	13.7	4,292	4,553	9.0	9.2	9.7
Massachusetts	66,592	69,756	11.5	11.8	12.0	40,228	42,103	7.0	7.2	7.2
Rhode Island	11,090	10,957	12.0	11.8	11.8	6,910	6,695	7.5	7.2	7.2
Connecticut	34,946	35,662	11.2	11.4	11.5	22,648	23,389	7.3	7.4	7.6
Middle Atlantic	472,906	476,617	12.7	12.8	12.8	277,532	287,425	7.4	7.6	7.7
New York	235,806	237,683	13.0	13.1	13.1	136,694	142,752	7.6	7.8	7.9
New Jersey	87,643	89,014	11.9	12.0	12.2	52,281	53,008	7.1	6.9	7.2
Pennsylvania	149,457	149,920	12.6	12.7	12.7	88,557	91,665	7.5	7.6	7.8
East North Central	596,551	606,093	14.6	14.9	14.8	384,714	387,411	9.4	9.4	9.5
Ohio	153,553	158,938	14.4	15.0	14.8	97,929	101,135	9.2	9.4	9.4
Indiana	80,260	82,490	15.1	15.8	15.5	56,359	56,075	10.6	10.5	10.6
Illinois	167,591	166,882	14.9	15.0	15.0	111,261	111,459	9.9	10.0	10.0
Michigan	130,135	132,783	14.3	14.5	14.5	83,193	82,856	9.1	8.9	9.0
Wisconsin	65,012	65,000	14.1	14.0	14.1	35,972	35,886	7.8	7.8	7.8
West North Central	248,756	248,010	14.8	14.9	14.9	156,786	161,945	9.3	9.3	9.7
Minnesota	56,204	56,780	14.2	14.5	14.5	33,198	32,261	8.4	7.8	8.2
Iowa	41,134	41,771	14.3	14.5	14.6	25,643	25,616	8.9	8.9	8.9
Missouri	70,802	70,788	14.8	15.1	14.9	44,750	50,147	9.4	9.6	10.5
North Dakota	11,398	11,272	17.7	17.8	17.8	5,638	5,993	8.8	9.5	9.4
South Dakota	11,420	11,128	16.6	16.3	16.3	10,755	11,074	15.7	16.2	16.2
Nebraska	24,068	23,908	15.5	15.4	15.5	13,386	13,087	8.6	8.5	8.5
Kansas	33,730	32,363	14.6	14.3	14.3	23,416	23,767	10.1	10.5	10.5
South Atlantic	480,140	481,788	14.1	14.3	14.3	366,085	366,591	10.8	10.8	10.9
Delaware	8,291	8,414	14.2	14.5	14.5	3,941	3,944	6.8	6.8	6.8
Maryland	45,501	45,807	11.0	11.1	11.2	44,891	44,776	10.8	10.9	10.9
District of Columbia	18,983	19,780	27.0	27.1	27.6	4,681	4,911	6.7	7.0	6.9
Virginia	67,007	67,378	13.3	13.7	13.6	56,474	54,688	11.2	11.2	11.0
West Virginia	28,440	27,888	15.6	15.4	15.5	17,145	17,041	9.4	9.4	9.5
North Carolina	80,393	80,806	14.7	14.8	14.8	42,548	42,310	7.8	7.8	7.8
South Carolina	46,554	45,149	16.3	16.1	16.0	50,028	50,249	17.6	17.7	17.8
Georgia	80,229	81,450	16.1	16.5	16.5	60,207	63,245	12.1	12.2	12.8
Florida	104,742	105,116	12.4	12.7	12.6	86,170	85,427	10.2	10.3	10.2
East South Central	222,282	222,654	16.3	16.6	16.4	162,261	155,226	11.9	11.6	11.5
Kentucky	56,860	55,990	16.6	16.5	16.5	34,807	32,068	10.2	9.9	9.4
Tennessee	65,284	65,752	15.5	16.0	15.7	53,365	51,530	12.7	12.3	12.3
Alabama	57,707	57,506	15.7	16.1	15.9	47,639	45,349	13.0	12.4	12.5
Mississippi	42,431	43,406	18.0	18.3	18.5	26,450	26,279	11.2	11.3	11.2
West South Central	371,491	367,843	17.5	17.5	17.6	258,836	254,910	12.2	12.1	12.2
Arkansas	33,196	33,632	15.7	16.0	15.9	22,630	24,337	10.7	10.9	11.5
Louisiana	69,388	68,136	18.1	17.8	18.0	39,050	37,309	10.2	9.7	9.8
Oklahoma	42,372	41,315	15.3	15.3	15.2	40,677	40,110	14.7	14.4	14.8
Texas	226,535	224,760	18.1	18.2	18.4	156,479	153,154	12.5	12.6	12.5
Mountain	185,163	176,398	18.8	18.2	18.3	208,042	212,045	21.2	21.5	22.0
Montana	12,387	11,815	16.5	15.8	15.8	7,328	7,331	9.7	9.8	9.8
Idaho	16,821	15,860	20.2	19.2	19.3	13,105	12,688	15.8	15.6	15.5
Wyoming	6,784	6,588	17.4	17.3	17.6	5,763	5,649	14.8	15.3	15.1
Colorado	41,333	40,623	16.0	15.9	16.0	27,144	27,565	10.5	10.7	10.9
New Mexico	22,108	20,842	18.9	17.8	18.2	12,393	15,790	10.6	11.8	13.8
Arizona	40,143	39,418	17.7	17.7	17.7	28,312	26,558	12.5	12.6	11.9
Utah	35,965	32,408	29.3	27.1	26.9	14,275	14,905	11.6	11.5	12.4
Nevada	9,622	8,844	15.8	14.7	14.9	99,722	101,559	163.5	166.3	171.6
Pacific	441,023	425,496	15.4	14.9	15.1	225,473	230,348	7.8	8.4	8.2
Washington	49,994	50,424	13.8	14.1	14.2	40,684	41,807	11.3	12.2	11.8
Oregon	35,633	34,312	15.3	15.0	15.0	19,507	19,322	8.4	8.2	8.4
California	331,039	317,606	15.4	14.8	15.0	150,654	154,812	7.0	7.5	7.3
Alaska	8,032	7,396	21.0	20.9	21.0	4,878	4,734	12.8	13.6	13.4
Hawaii	16,325	15,758	18.4	18.3	18.2	9,750	9,673	11.0	11.2	11.2

¹Data are either marriages reported or marriage licenses issued; see Explanatory Notes.

MONTHLY VITAL STATISTICS REPORT

Table 2. DEATHS, INFANT DEATHS, AND RATES: EACH REPORTING AREA, 1975 AND 1976

[By place of occurrence. Rates for deaths at all ages are per 1,000 population. Infant mortality rates are deaths under 1 year per 1,000 live births. Data are provisional unless otherwise specified]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	Number		Rate			Number		Rate		
	1976	1975 (final)	1976	1975	1975 (final)	1976	1975 (final)	1976	1975	1975 (final)
New England.....	111,941	110,813	9.2	9.1	9.1	1,777	2,075	12.2	13.8	14.0
Maine.....	10,760	10,290	10.1	9.7	9.7	148	193	10.1	11.8	13.1
New Hampshire.....	7,612	7,212	9.3	8.6	8.8	106	122	9.4	11.6	11.0
Vermont.....	4,306	4,324	9.0	8.7	9.2	87	85	13.2	12.8	13.2
Massachusetts.....	53,719	54,222	9.2	9.6	9.3	759	931	11.4	13.4	13.3
Rhode Island.....	9,321	9,037	10.1	9.7	9.7	181	189	16.3	16.9	17.2
Connecticut.....	26,223	25,728	8.4	8.4	8.3	496	555	14.2	15.1	15.6
Middle Atlantic.....	356,930	353,333	9.6	9.5	9.5	7,333	7,605	15.5	16.0	16.0
New York.....	172,150	169,062	9.5	9.3	9.3	3,827	3,880	16.2	16.7	16.3
New Jersey.....	63,721	64,029	8.7	8.8	8.8	1,153	1,184	13.2	13.5	13.3
Pennsylvania.....	121,059	120,242	10.2	10.2	10.2	2,353	2,541	15.7	16.4	16.9
East North Central.....	358,438	357,358	8.8	8.7	8.7	8,833	9,717	14.8	16.0	16.0
Ohio.....	95,223	95,972	8.9	9.0	8.9	2,224	2,525	14.5	16.1	15.9
Indiana.....	46,712	46,668	8.8	8.9	8.8	1,143	1,180	14.2	13.5	14.3
Illinois.....	101,417	101,085	9.0	9.0	9.1	2,731	2,999	16.3	17.7	18.0
Michigan.....	74,866	73,741	8.2	8.0	8.1	1,943	2,150	14.9	16.4	16.2
Wisconsin.....	40,220	39,892	8.7	8.7	8.7	792	863	12.2	13.5	13.3
West North Central.....	158,684	159,157	9.4	9.7	9.5	3,664	3,735	14.7	14.8	15.1
Minnesota.....	33,471	33,254	8.4	8.6	8.5	796	812	14.2	14.0	14.3
Iowa.....	27,636	27,935	9.6	10.0	9.7	572	550	13.9	13.3	13.2
Missouri.....	49,367	49,886	10.3	10.6	10.5	1,185	1,269	16.7	17.5	17.9
North Dakota.....	5,762	5,656	9.0	8.9	8.9	156	169	13.7	15.3	15.0
South Dakota.....	6,568	6,434	9.6	9.3	9.4	182	179	15.9	16.2	16.1
Nebraska.....	14,668	14,755	9.4	9.5	9.5	349	348	14.5	13.4	14.6
Kansas.....	21,212	21,137	9.2	9.3	9.3	424	408	12.6	12.5	12.6
South Atlantic.....	307,497	303,547	9.0	9.1	9.0	8,159	8,779	17.0	17.7	18.2
Delaware.....	4,973	4,908	8.5	8.5	8.5	100	118	12.1	11.9	14.0
Maryland.....	31,681	31,093	7.6	7.6	7.6	655	761	14.4	12.6	16.6
District of Columbia.....	9,127	9,418	13.0	13.3	13.2	483	503	25.4	25.2	25.4
Virginia.....	39,578	38,874	7.9	8.0	7.8	1,081	1,172	16.1	17.2	17.4
West Virginia.....	19,624	19,650	10.8	11.0	10.9	498	504	17.5	18.2	18.1
North Carolina.....	45,910	46,014	8.4	8.5	8.4	1,545	1,480	19.2	19.3	18.3
South Carolina.....	23,417	22,978	8.2	8.2	8.2	916	867	19.7	19.0	19.2
Georgia.....	41,792	41,828	8.4	8.7	8.5	1,247	1,486	15.5	17.5	18.2
Florida.....	91,395	88,784	10.9	10.6	10.6	1,634	1,888	15.6	17.6	18.0
East South Central.....	130,259	129,848	9.5	9.9	9.6	3,982	4,055	17.9	18.0	18.2
Kentucky.....	32,177	32,992	9.4	9.8	9.7	812	818	14.3	14.3	14.6
Tennessee.....	41,475	40,978	9.8	10.0	9.8	1,138	1,179	17.4	18.1	17.9
Alabama.....	33,986	33,493	9.3	9.4	9.3	1,173	1,109	20.3	20.1	19.3
Mississippi.....	22,621	22,385	9.6	10.7	9.5	859	949	20.2	19.7	21.9
West South Central.....	184,686	181,806	8.7	8.7	8.7	6,102	6,135	16.4	16.6	16.7
Arkansas.....	21,215	21,484	10.1	10.2	10.2	598	589	18.0	16.9	17.5
Louisiana.....	34,538	33,810	9.0	8.9	8.9	1,225	1,223	17.7	17.8	17.9
Oklahoma.....	26,486	26,413	9.6	9.9	9.7	704	660	16.6	15.8	16.0
Texas.....	102,447	100,099	8.2	8.2	8.2	3,575	3,663	15.8	16.4	16.3
Mountain.....	73,516	71,790	7.5	7.4	7.4	2,580	2,607	13.9	14.7	14.8
Montana.....	6,637	6,494	8.8	8.7	8.7	190	171	15.3	14.7	14.5
Idaho.....	6,326	6,226	7.6	7.6	7.6	175	169	10.4	10.6	10.7
Wyoming.....	3,096	3,028	7.9	8.1	8.1	97	97	14.3	15.2	14.7
Colorado.....	18,732	17,969	7.3	7.0	7.1	578	621	14.0	15.9	15.3
New Mexico.....	8,237	7,948	7.1	6.9	6.9	336	346	15.2	16.4	16.6
Arizona.....	17,805	17,450	7.8	7.9	7.8	604	587	15.0	14.3	14.9
Utah.....	7,708	7,854	6.3	6.5	6.5	459	470	12.8	14.3	14.5
Nevada.....	4,975	4,821	8.2	8.0	8.1	141	146	14.7	15.9	16.5
Pacific.....	228,991	227,483	8.0	8.1	8.1	5,616	5,911	12.7	13.9	13.9
Washington.....	30,148	30,092	8.3	8.5	8.5	725	811	14.5	15.9	16.1
Oregon.....	20,532	20,184	8.8	8.9	8.8	465	518	13.0	15.1	15.1
California.....	171,927	171,074	8.0	8.1	8.1	4,106	4,269	12.4	13.4	13.4
Alaska.....	1,665	1,558	4.4	4.5	4.4	136	96	16.9	13.5	13.0
Hawaii.....	4,719	4,575	5.3	5.3	5.3	184	217	11.3	13.8	13.8

MONTHLY VITAL STATISTICS REPORT

Table 3. DIVORCES AND DIVORCE RATES: UNITED STATES AND EACH REPORTING AREA, 1975 AND 1976

[By place of occurrence. Rates per 1,000 population in specified area. Data are provisional unless otherwise specified]

Area	Number		Rate		
	1976	1975 (final)	1976	1975 (final)	1975 (final)
United States ¹	1,077,000	1,036,000	5.0	4.8	4.9
Total, 48 areas	1,007,379	974,174	5.0	4.8	4.8
Alabama	24,063	23,001	6.6	6.2	6.4
Alaska	3,207	2,865	8.4	8.2	8.1
Arkansas	17,398	² 16,737	8.2	7.4	27.9
California	133,672	128,492	6.2	6.1	6.1
Colorado	17,424	15,733	6.7	6.2	6.2
Connecticut	10,546	12,238	3.4	3.9	4.0
Delaware	3,235	2,761	5.6	4.7	4.8
District of Columbia	2,805	3,789	4.0	3.5	5.3
Florida	62,571	63,446	7.4	7.6	7.6
Georgia	28,625	29,483	5.8	5.7	6.0
Hawaii	4,714	4,265	5.3	4.9	4.9
Idaho	5,707	5,203	6.9	6.4	6.3
Illinois	50,043	50,954	4.5	4.7	4.6
Iowa	10,803	10,304	3.8	3.6	3.6
Kansas	12,900	12,559	5.6	5.5	5.5
Kentucky	16,784	14,508	4.9	4.5	4.3
Maine	5,416	5,543	5.1	5.1	5.2
Maryland	15,613	15,398	3.8	3.6	3.8
Massachusetts	16,407	16,581	2.8	2.8	2.8
Michigan	43,109	40,782	4.7	4.5	4.5
Minnesota	13,735	13,188	3.5	3.2	3.4
Mississippi	12,096	12,303	5.1	5.4	5.2
Missouri	25,316	24,527	5.3	5.3	5.1
Montana	4,847	4,286	6.4	5.8	5.7
Nebraska	5,929	5,570	3.8	3.6	3.6
Nevada	10,151	10,542	16.6	16.7	17.8
New Hampshire	4,803	4,241	5.8	5.5	5.2
New Jersey	17,866	19,446	2.4	2.6	2.7
New Mexico	7,089	8,413	6.1	6.3	7.3
New York	53,866	55,612	3.0	3.1	3.1
North Carolina	24,443	22,107	4.5	4.1	4.1
North Dakota	1,864	1,713	2.9	2.7	2.7
Ohio	61,036	52,626	5.7	4.8	4.9
Oklahoma	21,755	20,641	7.9	7.4	7.6
Oregon	16,126	15,562	6.9	6.8	6.8
Pennsylvania	35,695	34,955	3.0	2.7	3.0
Rhode Island	3,289	2,658	3.5	2.9	2.9
South Carolina	9,830	9,671	3.5	3.2	3.4
South Dakota	2,363	2,228	3.4	3.3	3.3
Tennessee	27,801	24,611	6.6	5.9	5.9
Texas	80,235	76,685	6.4	6.3	6.3
Utah	6,170	6,132	5.0	5.1	5.1
Vermont	1,844	1,921	3.9	4.0	4.1
Virginia	21,468	19,491	4.3	3.9	3.9
Washington	26,715	25,848	7.4	7.1	7.3
West Virginia	9,092	8,632	5.0	4.7	4.8
Wisconsin	14,088	13,088	3.1	3.2	2.8
Wyoming	2,825	2,835	7.2	7.5	7.6

¹Estimated.²Data are incomplete.

Table 4. ABRIDGED LIFE TABLE FOR THE TOTAL POPULATION: UNITED STATES, 1976

[For explanation of the columns of the life table, see Section 5 of *Vital Statistics of the United States, 1973, Volume II, Part A*]

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + n$	nq_x	l_x	n^d_x	nL_x	T_x	e^o_x
0-1	0.0151	100,000	1,512	98,660	7,277,511	72.8
1-5	.0029	98,488	281	393,299	7,178,851	72.9
5-10	.0018	98,207	174	490,567	6,785,552	69.1
10-15	.0017	98,033	168	489,810	6,294,985	64.2
15-20	.0048	97,865	474	488,250	5,805,175	59.3
20-25	.0066	97,391	644	485,366	5,316,925	54.6
25-30	.0062	96,747	601	482,232	4,831,559	49.9
30-35	.0072	96,146	694	479,070	4,349,327	45.2
35-40	.0097	95,452	930	475,084	3,870,257	40.5
40-45	.0156	94,522	1,479	469,156	3,395,173	35.9
45-50	.0247	93,043	2,294	459,838	2,926,017	31.4
50-55	.0379	90,749	3,439	445,682	2,466,179	27.2
55-60	.0576	87,310	5,028	424,658	2,020,497	23.1
60-65	.0875	82,282	7,198	394,245	1,595,839	19.4
65-70	.1195	75,084	8,970	353,869	1,201,594	16.0
70-75	.1823	66,114	12,054	301,390	847,725	12.8
75-80	.2686	54,060	14,520	234,507	546,335	10.1
80-85	.3670	39,540	14,511	160,835	311,828	7.9
85 and over	1.0000	25,029	25,029	150,993	150,993	6.0

MONTHLY VITAL STATISTICS REPORT

Table 5. DEATH RATES BY MONTH: UNITED STATES, 1964-76

[For 1976, based on provisional figures; for all other years, based on final data. Rates on an annual basis per 1,000 population]

Month	1976	1975	1974	1973	1972 ¹	1971	1970	1969	1968	1967	1966	1965	1964
Annual.....	8.9	8.9	9.2	9.4	9.4	9.3	9.5	9.5	9.7	9.4	9.5	9.4	9.4
January.....	9.3	10.1	9.6	10.8	11.0	10.0	10.6	10.9	11.6	9.8	10.1	10.1	10.1
February.....	10.1	9.9	9.6	10.2	10.3	10.0	10.4	9.8	10.0	9.8	10.1	10.4	9.8
March.....	10.3	9.1	9.6	9.3	9.3	9.6	9.5	9.8	9.6	9.6	9.9	10.1	9.7
April.....	9.1	8.8	9.5	9.3	9.2	9.5	9.3	9.4	9.2	9.3	9.9	9.5	9.3
May.....	8.6	8.6	8.9	9.2	9.1	9.2	9.1	9.3	9.1	9.3	9.4	9.2	9.2
June.....	8.4	8.5	8.8	9.1	8.9	9.2	9.0	9.2	9.2	9.1	9.3	9.1	9.3
July.....	8.4	8.5	8.9	9.0	9.3	8.9	9.1	9.2	9.1	8.9	9.6	8.9	9.2
August.....	8.0	8.4	8.5	8.9	8.9	8.8	8.8	8.9	9.0	8.7	8.7	8.7	8.8
September.....	8.2	8.4	8.7	9.0	8.8	8.8	8.8	8.8	8.8	8.9	8.8	8.8	8.7
October.....	8.7	8.6	9.0	9.1	9.2	9.1	9.2	9.2	9.1	9.2	9.3	9.3	9.3
November.....	8.7	8.6	9.0	9.4	9.4	9.4	9.5	9.6	9.7	9.5	9.3	9.5	9.4
December.....	9.1	9.1	9.6	9.7	10.0	9.9	9.7	10.0	11.3	10.2	9.8	9.9	9.9

¹Based on a 50-percent sample of deaths.

MONTHLY VITAL STATISTICS REPORT

Table 6. DEATH RATES BY AGE, COLOR, AND SEX: UNITED STATES, 1950, 1960, AND 1970-76

[For 1976, based on a 10-percent sample of deaths; for all other years, based on final data. Rates per 1,000 population in specified group]

Color, sex, and year	All ages ¹	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over
TOTAL												
1976 (est.)	8.9	15.8	0.7	0.3	1.1	1.3	2.5	6.4	14.8	31.4	73.1	156.4
1975	8.9	16.4	0.7	0.4	1.2	1.4	2.7	6.5	15.0	31.9	73.6	151.9
1974	9.2	17.6	0.7	0.4	1.2	1.5	2.8	6.8	15.5	33.3	76.5	165.3
1973	9.4	18.1	0.8	0.4	1.3	1.5	3.0	7.0	16.1	34.4	79.3	174.3
1972 ²	9.4	18.3	0.8	0.4	1.3	1.5	3.0	7.1	16.3	35.3	79.7	173.5
1971	9.3	19.0	0.8	0.4	1.3	1.6	3.1	7.1	16.2	34.9	78.7	174.3
1970	9.5	21.4	0.8	0.4	1.3	1.6	3.1	7.3	16.6	35.8	80.0	163.4
1960	9.5	27.0	1.1	0.5	1.1	1.5	3.0	7.6	17.4	38.2	87.5	198.6
1950	9.6	33.0	1.4	0.6	1.3	1.8	3.6	8.5	³ 19.0	³ 41.0	93.3	202.0
MALE												
1976 (est.)	10.1	17.5	0.8	0.4	1.7	1.9	3.3	8.4	20.1	43.5	94.9	183.1
1975	10.1	18.3	0.8	0.4	1.8	2.0	3.5	8.6	20.3	44.1	95.2	175.7
1974	10.4	19.7	0.8	0.5	1.8	2.1	3.6	8.9	21.1	45.8	97.9	188.8
1973	10.7	20.3	0.9	0.5	1.9	2.1	3.8	9.2	22.1	47.3	101.1	198.1
1972 ²	10.8	20.6	0.9	0.5	1.9	2.1	3.9	9.4	22.5	48.2	101.2	196.0
1971	10.7	21.4	0.9	0.5	1.9	2.1	3.9	9.3	22.3	47.6	99.2	197.5
1970	10.9	24.1	0.9	0.5	1.9	2.2	4.0	9.6	22.8	48.7	100.1	178.2
1960	11.0	30.6	1.2	0.6	1.5	1.9	3.7	9.9	23.1	49.1	101.8	211.9
1950	11.1	37.3	1.5	0.7	1.7	2.2	4.3	10.7	24.0	49.3	104.3	216.4
FEMALE												
1976 (est.)	7.8	14.0	0.6	0.3	0.6	0.8	1.8	4.4	10.0	22.1	59.8	143.9
1975	7.7	14.4	0.6	0.3	0.6	0.9	1.9	4.6	10.1	22.5	60.3	140.3
1974	8.0	15.3	0.7	0.3	0.6	0.9	2.0	4.7	10.5	23.6	63.3	153.9
1973	8.1	15.7	0.7	0.3	0.7	0.9	2.2	4.9	10.8	24.5	65.6	162.3
1972 ²	8.1	15.9	0.7	0.3	0.7	1.0	2.2	5.0	10.8	25.3	65.8	162.0
1971	8.0	16.6	0.7	0.3	0.7	1.0	2.3	5.0	10.8	25.0	65.3	162.2
1970	8.1	18.6	0.8	0.3	0.7	1.0	2.3	5.2	11.0	25.8	66.8	155.2
1960	8.1	23.2	1.0	0.4	0.6	1.1	2.3	5.3	12.0	28.7	76.3	190.1
1950	8.2	28.5	1.3	0.5	0.9	1.4	2.9	6.4	14.0	33.3	84.0	191.9
WHITE												
1976 (est.)	9.0	13.5	0.6	0.3	1.1	1.1	2.2	5.8	14.1	30.7	73.1	162.7
1975	9.0	14.1	0.6	0.3	1.1	1.2	2.3	6.0	14.2	31.0	73.8	157.1
1974	9.2	15.2	0.7	0.4	1.1	1.2	2.4	6.2	14.7	32.3	77.0	170.6
1973	9.4	15.7	0.7	0.4	1.2	1.3	2.5	6.3	15.3	33.4	79.8	179.3
1972 ²	9.5	15.8	0.7	0.4	1.2	1.3	2.6	6.5	15.5	34.3	80.2	178.6
1971	9.4	16.6	0.7	0.4	1.1	1.3	2.6	6.5	15.4	33.9	79.1	179.1
1970	9.5	18.7	0.8	0.4	1.2	1.3	2.7	6.7	15.8	34.9	80.4	168.7
1960	9.5	23.6	1.0	0.4	1.0	1.2	2.6	6.9	16.3	37.4	88.3	203.5
1950	9.5	29.9	1.2	0.6	1.1	1.5	3.1	7.7	18.0	40.2	94.2	206.8
WHITE, MALE												
1976 (est.)	10.1	14.8	0.7	0.4	1.6	1.6	2.8	7.7	19.3	43.1	95.5	191.3
1975	10.2	15.9	0.7	0.4	1.7	1.7	3.0	7.9	19.5	43.6	96.1	182.6
1974	10.4	17.3	0.8	0.5	1.7	1.7	3.1	8.2	20.3	45.1	99.0	195.4
1973	10.7	17.8	0.8	0.5	1.8	1.8	3.2	8.4	21.2	46.5	102.1	204.4
1972 ²	10.8	18.0	0.8	0.5	1.7	1.7	3.3	8.6	21.6	47.5	102.3	202.7
1971	10.7	18.8	0.8	0.5	1.7	1.7	3.3	8.6	21.5	47.0	100.3	204.2
1970	10.9	21.1	0.8	0.5	1.7	1.8	3.4	8.8	22.0	48.1	101.0	185.5
1960	11.0	26.9	1.0	0.5	1.4	1.6	3.3	9.3	22.3	48.5	103.0	217.5
1950	10.9	34.0	1.4	0.7	1.5	1.9	3.8	9.8	23.0	48.6	105.3	221.2

See footnotes at end of table.

MONTHLY VITAL STATISTICS REPORT

Table 6. DEATH RATES BY AGE, COLOR, AND SEX: UNITED STATES, 1950, 1960, AND 1970-76—Con.

[For 1976, based on a 10-percent sample of deaths; for all other years, based on final data. Rates per 1,000 population in specified group]

Color, sex, and year	All ages ¹	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over
WHITE, FEMALE												
1976 (est.)	7.9	12.2	0.6	0.3	0.5	0.7	1.5	4.0	9.4	21.2	59.6	149.5
1975	7.8	12.2	0.6	0.3	0.6	0.7	1.6	4.1	9.4	21.5	60.3	144.9
1974	8.1	13.1	0.6	0.3	0.6	0.8	1.7	4.3	9.7	22.5	63.5	158.5
1973	8.2	13.4	0.6	0.3	0.6	0.8	1.8	4.4	10.0	23.2	65.8	166.9
1972 ²	8.2	13.4	0.6	0.3	0.6	0.8	1.9	4.4	10.0	24.2	66.2	166.6
1971	8.1	14.2	0.7	0.3	0.6	0.8	1.9	4.5	10.0	23.9	65.6	166.3
1970	8.1	16.1	0.7	0.3	0.6	0.8	1.9	4.6	10.1	24.7	67.0	159.8
1960	8.0	20.1	0.9	0.3	0.5	0.9	1.9	4.6	10.8	27.8	77.0	194.8
1950	8.0	25.7	1.1	0.5	0.7	1.1	2.4	5.5	12.9	32.4	84.8	196.8
ALL OTHER												
1976 (est.)	8.2	27.0	1.1	0.4	1.5	2.7	5.0	10.6	21.5	37.7	72.9	97.0
1975	8.3	27.7	1.0	0.5	1.6	3.0	5.3	10.8	21.8	39.7	70.8	101.0
1974	8.7	29.2	1.1	0.5	1.7	3.1	5.7	11.5	22.9	42.7	70.8	121.5
1973	9.1	30.2	1.2	0.5	1.9	3.3	6.1	12.4	24.0	44.7	74.2	121.4
1972 ²	9.2	31.3	1.2	0.5	2.0	3.5	6.4	12.6	24.1	44.9	73.4	118.5
1971	9.2	32.5	1.3	0.5	2.1	3.6	6.5	12.4	23.8	44.1	72.7	119.9
1970	9.4	36.0	1.3	0.5	2.0	3.5	6.6	12.9	24.3	44.9	75.1	107.5
1960	10.1	46.3	1.9	0.6	1.6	3.2	6.3	13.4	27.7	47.8	76.3	139.1
1950	11.2	53.7	2.5	0.9	2.5	4.4	8.1	17.1	³ 31.3	³ 52.1	80.4	144.7
ALL OTHER, MALE												
1976 (est.)	9.9	31.0	1.2	0.6	2.3	4.0	7.0	14.1	28.6	47.3	88.6	115.3
1975	10.0	30.0	1.1	0.6	2.4	4.5	7.4	14.2	28.1	49.7	86.0	116.9
1974	10.4	32.1	1.2	0.6	2.6	4.7	7.7	15.0	29.4	52.9	85.6	127.8
1973	10.8	33.4	1.4	0.7	2.8	5.0	8.2	15.9	30.7	54.6	89.7	136.1
1972 ²	11.0	34.4	1.3	0.6	3.0	5.1	8.7	16.4	30.7	54.9	89.4	133.3
1971	10.9	36.1	1.4	0.7	3.1	5.2	8.5	15.7	30.1	53.8	87.5	133.5
1970	11.2	40.2	1.4	0.7	3.0	5.0	8.7	16.5	30.5	54.7	89.8	114.1
1960	11.5	51.9	2.1	0.8	2.1	3.9	7.3	15.5	31.5	56.6	86.6	152.4
1950	12.5	59.9	2.7	1.0	2.9	5.0	8.6	18.6	34.8	57.9	90.3	160.2
ALL OTHER, FEMALE												
1976 (est.)	6.7	22.7	1.0	0.3	0.9	1.6	3.5	7.7	15.5	30.1	61.5	86.8
1975	6.8	25.2	0.9	0.3	0.9	1.6	3.6	7.8	16.4	31.7	59.8	91.8
1974	7.2	26.1	1.0	0.4	0.9	1.8	4.0	8.5	17.2	34.4	60.2	103.4
1973	7.6	27.0	1.1	0.4	1.0	1.9	4.4	9.3	18.2	36.6	62.9	111.2
1972 ²	7.6	28.2	1.1	0.4	1.0	2.1	4.6	9.3	18.3	36.8	61.8	109.4
1971	7.6	29.0	1.1	0.4	1.1	2.2	4.8	9.5	18.3	36.3	62.0	112.7
1970	7.8	31.7	1.2	0.4	1.1	2.2	4.9	9.8	18.9	36.8	63.9	102.9
1960	8.7	40.7	1.7	0.5	1.1	2.6	5.5	11.4	24.1	39.8	67.1	128.7
1950	9.9	47.5	2.3	0.8	2.2	3.9	7.5	15.5	27.6	46.1	70.6	133.7

¹Figures for age not stated included in "All ages" but not distributed among age groups.²Based on a 50-percent sample of deaths.³For 1950, rates for "Total" and "All other" based on enumerated population adjusted for age bias in the "All other" population at ages 55-69 years.

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Table 7. DEATHS AND DEATH RATES, BY AGE, COLOR, AND SEX: UNITED STATES, 1976

[Based on a 10-percent sample of deaths. Rates per 1,000 population in specified group. Due to rounding estimates of deaths, figures may not add to totals]

Age	Total			White			All other		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
NUMBER									
All ages	1,912,000	1,056,420	855,690	1,678,650	922,370	756,280	233,460	134,050	99,410
Under 1 year.....	47,800	27,140	20,680	34,140	19,130	15,010	13,680	8,010	5,670
1-4 years.....	8,900	5,030	3,870	6,530	3,700	2,830	2,370	1,330	1,040
5-14 years.....	12,910	7,870	5,040	10,180	6,140	4,040	2,730	1,730	1,000
15-24 years.....	46,190	34,760	11,440	36,950	28,130	8,820	9,250	6,630	2,620
25-34 years.....	42,520	29,640	12,890	31,630	22,190	9,440	10,900	7,450	3,450
35-44 years.....	58,440	37,300	21,180	43,780	28,160	15,620	14,700	9,140	5,560
45-54 years.....	150,380	96,220	54,200	122,420	79,030	43,390	28,000	17,190	10,810
55-59 years.....	127,090	82,060	45,030	108,610	70,720	37,890	18,480	11,340	7,140
60-64 years.....	169,600	109,090	60,510	146,570	94,990	51,580	23,030	14,100	8,930
65-69 years.....	209,450	130,970	78,480	184,120	116,480	67,640	25,330	14,490	10,840
70-74 years.....	235,960	137,420	98,540	209,990	123,370	86,620	25,970	14,050	11,920
75-79 years.....	250,180	130,720	119,460	226,040	118,260	107,780	24,140	12,460	11,680
80-84 years.....	244,860	112,880	131,980	228,330	104,600	123,730	16,530	8,280	8,250
85 years and over.....	307,460	115,140	192,340	289,140	107,300	181,840	18,340	7,840	10,500
Not stated.....	380	250	130	310	210	100	70	40	30
RATE									
All ages ¹	8.9	10.1	7.8	9.0	10.1	7.9	8.2	9.9	6.7
Under 1 year.....	15.8	17.5	14.0	13.6	14.8	12.2	27.0	31.0	22.8
1-4 years.....	0.7	0.8	0.6	0.6	0.7	0.6	1.1	1.2	1.0
5-14 years.....	0.3	0.4	0.3	0.3	0.4	0.3	0.4	0.6	0.3
15-24 years.....	1.1	1.7	0.6	1.1	1.6	0.5	1.5	2.3	0.9
25-34 years.....	1.3	1.9	0.8	1.1	1.6	0.7	2.7	4.0	1.6
35-44 years.....	2.5	3.3	1.8	2.2	2.8	1.5	5.0	7.0	3.5
45-54 years.....	6.4	8.4	4.4	5.8	7.7	4.0	10.6	14.1	7.7
55-59 years.....	11.8	16.0	8.0	11.2	15.2	7.5	17.6	23.2	12.7
60-64 years.....	18.2	25.0	12.2	17.4	24.0	11.5	26.2	35.1	18.7
65-69 years.....	25.3	35.8	17.0	24.9	35.5	16.4	29.0	37.8	22.1
70-74 years.....	39.9	54.9	28.9	38.7	54.0	27.6	53.4	63.6	45.0
75-79 years.....	61.8	82.4	48.5	60.8	82.0	47.3	72.9	86.5	62.5
80-84 years.....	89.9	114.9	75.8	91.4	117.3	77.1	72.8	92.0	60.2
85 years and over.....	156.4	183.1	143.9	162.7	191.3	149.5	97.0	115.3	86.8

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

Table 8. DEATHS FOR SELECTED CAUSES: UNITED STATES, 1971-76

[For 1976, based on a 10-percent sample of deaths; for all other years, based on final data]

Cause of death	Number					
	1976 (est.)	1975	1974	1973	1972 ¹	1971
All causes.....	1,912,000	1,892,879	1,934,388	1,973,003	1,963,944	1,927,542
Bacillary dysentery and amebiasis.....004.006	80	62	57	64	90	84
Enteritis and other diarrheal diseases.....008.009	2,000	2,010	2,255	2,322	2,286	2,466
Tuberculosis, all forms.....010-019	3,290	3,333	3,513	3,875	4,376	4,501
Tuberculosis of respiratory system.....010-012	2,490	2,576	2,775	3,009	3,474	3,590
Tuberculosis, other forms.....013-019	800	757	738	866	902	911
Whooping cough.....033	10	8	14	5	6	18
Streptococcal sore throat and scarlet fever.....034	10	15	22	20	16	23
Meningococcal infections.....036	350	308	305	330	350	509
Septicemia.....038	6,360	5,584	5,243	4,560	4,214	3,907
Acute poliomyelitis.....040-043	30	9	3	10	2	18
Measles.....055	30	20	20	23	24	90
Infectious hepatitis.....070	670	612	630	656	778	906
Syphilis and its sequelae.....090-097	250	272	300	393	344	375
Other infective and parasitic diseases.....Remainder of 000-136	3,630	3,697	3,360	3,411	3,132	3,130
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.....140-209	374,780	365,693	360,472	351,055	345,618	337,398
Malignant neoplasms of buccal cavity and pharynx.....140-149	8,140	8,135	7,968	7,822	7,482	7,725
Malignant neoplasms of digestive organs and peritoneum.....150-159	100,620	99,629	98,913	96,549	95,808	94,914
Malignant neoplasms of respiratory system.....160-163	90,410	86,675	83,475	79,335	76,998	72,898
Malignant neoplasm of breast.....174	33,330	32,435	32,424	32,143	31,460	30,277
Malignant neoplasms of genital organs.....180-187	43,730	42,994	43,111	42,591	42,366	42,017
Malignant neoplasms of urinary organs.....188,189	16,390	16,533	16,457	15,877	15,738	15,288
Malignant neoplasms of all other and unspecified sites.....170-173,190-199	46,520	44,585	43,620	42,693	41,724	40,685
Leukemia.....204-207	15,380	14,754	14,575	14,478	14,402	14,469
Other neoplasms of lymphatic and hematopoietic tissues.....200-203,208,209	20,260	19,953	19,929	19,567	19,640	19,125
Benign neoplasms and neoplasms of unspecified nature.....210-239	5,260	4,947	5,060	5,013	4,956	4,958
Diabetes mellitus.....250	35,090	35,230	37,329	38,208	38,674	38,256
Avitaminoses and other nutritional deficiencies.....260-269	2,440	2,615	2,527	2,576	2,538	2,537
Anemias.....280-285	3,170	3,195	3,312	3,318	3,426	3,449
Meningitis.....320	1,630	1,630	1,539	1,523	1,482	1,553
Major cardiovascular diseases.....390-448	977,410	971,047	1,010,926	1,037,492	1,035,146	1,017,145
Diseases of heart.....390-398,402,404,410-429	726,700	716,215	738,171	757,075	755,864	743,368
Active rheumatic fever and chronic rheumatic heart disease.....390-398	13,260	12,930	13,302	13,739	14,118	14,644
Hypertensive heart disease.....402	6,740	6,693	7,167	7,268	7,760	7,860
Hypertensive heart and renal disease.....404	3,930	4,334	4,916	5,515	5,778	6,190
Ischemic heart disease.....410-413	649,280	642,719	664,854	684,066	684,424	674,292
Acute myocardial infarction.....410	321,610	324,652	334,196	351,662	357,844	357,714
Other acute and subacute forms of ischemic heart disease.....411	3,960	4,069	4,418	4,503	4,528	4,027
Chronic ischemic heart disease.....412	323,600	313,847	326,065	327,722	321,884	312,351
Angina pectoris.....413	110	151	175	179	168	200
Chronic disease of endocardium and other myocardial insufficiency.....424,428	4,330	4,411	4,895	5,137	5,612	6,132
All other forms of heart disease.....420-423,425-427,429	49,160	45,128	43,037	41,350	38,172	34,250
Hypertension.....400,401,403	6,060	6,300	6,894	7,428	7,754	7,837
Cerebrovascular diseases.....430-438	189,100	194,038	207,424	214,313	213,344	209,092
Cerebral hemorrhage.....431	24,660	26,862	30,515	33,909	36,748	38,563
Cerebral thrombosis.....433	45,470	48,457	53,542	56,648	57,482	57,229
Cerebral embolism.....434	770	811	910	967	976	954
All other cerebrovascular diseases.....430,432,435-438	118,200	117,908	122,457	122,789	118,138	112,346
Arteriosclerosis.....440	28,760	28,887	32,239	32,617	32,486	31,521
Other diseases of arteries, arterioles, and capillaries.....441-448	26,790	25,607	26,198	26,059	25,698	25,327
Acute bronchitis and bronchiolitis.....466	770	737	750	905	1,146	1,154
Influenza and pneumonia.....470-474,480-486	62,980	55,664	54,777	62,559	62,580	57,194
Influenza.....470-474	7,800	4,277	2,201	5,131	4,986	1,504
Pneumonia.....480-486	55,180	51,387	52,576	57,428	57,594	55,690

¹Based on a 50-percent sample of deaths.

MONTHLY VITAL STATISTICS REPORT

Table 8. DEATHS FOR SELECTED CAUSES: UNITED STATES, 1971-76—Con.

[For 1976, based on a 10-percent sample of deaths; for all other years, based on final data]

Cause of death	Number					
	1976 (est.)	1975	1974	1973	1972 ¹	1971
Bronchitis, emphysema, and asthma.....490-493	23,840	25,468	26,880	29,708	30,768	30,284
Chronic and unqualified bronchitis.....490-491	4,490	4,712	5,097	5,547	5,862	5,591
Emphysema.....492	17,550	18,795	19,907	22,249	22,580	22,539
Asthma.....493	1,800	1,961	1,876	1,912	2,326	2,154
Peptic ulcer.....531-533	6,260	6,743	7,069	7,688	7,916	8,120
Appendicitis.....540-543	600	822	864	1,066	1,206	1,295
Hernia and intestinal obstruction.....550-553,560	5,940	6,178	6,506	6,746	6,790	6,989
Cirrhosis of liver.....571	31,130	31,623	33,319	33,350	32,576	31,808
Cholelithiasis, cholecystitis and cholangitis.....574,575	2,690	3,004	3,194	3,422	3,666	3,735
Nephritis and nephrosis.....580-584	8,830	8,072	8,068	8,336	8,548	8,443
Acute nephritis and nephrotic syndrome.....580,581	1,760	1,585	1,541	1,536	1,466	1,373
Chronic and unqualified nephritis and renal sclerosis.....582-584	7,070	6,487	6,527	6,800	7,082	7,070
Infections of kidney.....590	3,740	4,502	5,451	6,134	6,946	7,558
Hyperplasia of prostate.....600	1,190	1,221	1,377	1,589	1,862	1,918
Complications of pregnancy, childbirth, and the puerperium.....630-678	460	403	462	477	612	668
Abortions.....640-645	10	27	27	36	70	99
Other complications of pregnancy, childbirth, and the puerperium.....630-639,650-678	450	376	435	441	542	569
Congenital anomalies.....740-759	13,780	13,245	13,526	14,062	14,698	15,957
Certain causes of mortality in early infancy.....760-769.2, 769.4-772, 774-778	24,870	26,616	28,786	30,503	33,798	38,494
Birth injury, difficult labor, and other anoxic and hypoxic conditions.....764-768,772,776	13,380	14,593	15,974	16,933	18,704	20,992
Other causes of mortality in early infancy.....Remainder of 760-778	11,490	12,023	12,812	13,570	15,094	17,502
Symptoms and ill-defined conditions.....780-796	32,320	31,768	31,145	30,399	27,500	26,534
All other diseases.....Residual	127,100	120,263	118,396	114,751	110,710	104,680
Accidents.....E800-E949	100,430	103,030	104,622	115,821	115,448	113,439
Motor vehicle accidents.....E810-E823	45,800	45,853	46,402	55,511	56,278	54,381
All other accidents.....E800-E807,E825-E949	54,630	57,177	58,220	60,310	59,170	59,058
Suicide.....E950-E959	25,200	27,063	25,683	25,118	25,004	24,092
Homicide.....E960-E978	18,970	21,310	21,465	20,465	19,638	18,787
Other external causes.....E980-E999	4,440	4,860	5,161	5,050	5,074	5,070

¹Based on a 50-percent sample of deaths.

MONTHLY VITAL STATISTICS REPORT

Table 9. DEATH RATES FOR SELECTED CAUSES: UNITED STATES, 1971-76

[For 1976, based on a 10-percent sample of deaths; for all other years, based on final data. Rates per 100,000 population]

Cause of death	Rate					
	1976	1975	1974	1973	1972 ¹	1971
All causes	890.8	888.5	915.1	940.2	943.2	934.7
Bacillary dysentery and amebiasis	0.0	0.0	0.0	0.0	0.0	0.0
Enteritis and other diarrheal diseases	0.9	0.9	1.1	1.1	1.1	1.2
Tuberculosis, all forms	1.5	1.6	1.7	1.8	2.1	2.2
Tuberculosis of respiratory system	1.2	1.2	1.3	1.4	1.7	1.7
Tuberculosis, other forms	0.4	0.4	0.3	0.4	0.4	0.4
Whooping cough	0.0	0.0	0.0	0.0	0.0	0.0
Streptococcal sore throat and scarlet fever	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infections	0.2	0.1	0.1	0.2	0.2	0.2
Septicemia	3.0	2.6	2.5	2.2	2.0	1.9
Acute poliomyelitis	0.0	0.0	0.0	0.0	0.0	0.0
Measles	0.0	0.0	0.0	0.0	0.0	0.0
Infectious hepatitis	0.3	0.3	0.3	0.3	0.4	0.4
Syphilis and its sequelae	0.1	0.1	0.1	0.2	0.2	0.2
Other infective and parasitic diseases	1.7	1.7	1.6	1.6	1.5	1.5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	174.6	171.7	170.5	167.3	166.0	163.6
Malignant neoplasms of buccal cavity and pharynx	3.8	3.8	3.8	3.7	3.6	3.7
Malignant neoplasms of digestive organs and peritoneum	46.9	46.8	46.8	46.0	46.0	46.0
Malignant neoplasms of respiratory system	42.1	40.7	39.5	37.8	37.0	35.4
Malignant neoplasm of breast	15.5	15.2	15.3	15.3	15.1	14.7
Malignant neoplasms of genital organs	20.4	20.2	20.4	20.3	20.3	20.4
Malignant neoplasms of urinary organs	7.6	7.8	7.8	7.6	7.6	7.4
Malignant neoplasms of all other and unspecified sites	21.7	20.9	20.6	20.3	20.0	19.7
Leukemia	7.2	6.9	6.9	6.9	6.9	7.0
Other neoplasms of lymphatic and hematopoietic tissues	9.4	9.4	9.4	9.3	9.4	9.3
Benign neoplasms and neoplasms of unspecified nature	2.5	2.3	2.4	2.4	2.4	2.4
Diabetes mellitus	16.3	16.5	17.7	18.2	18.6	18.6
Avitaminoses and other nutritional deficiencies	1.1	1.2	1.2	1.2	1.2	1.2
Anemias	1.5	1.5	1.6	1.6	1.6	1.7
Meningitis	0.8	0.8	0.7	0.7	0.7	0.8
Major cardiovascular diseases	455.4	455.8	478.2	494.4	497.1	493.3
Diseases of heart	338.6	336.2	349.2	360.8	363.0	360.5
Active rheumatic fever and chronic rheumatic heart disease	6.2	6.1	6.3	6.5	6.8	6.8
Hypertensive heart disease	3.1	3.1	3.4	3.5	3.7	3.8
Hypertensive heart and renal disease	1.8	2.0	2.3	2.6	2.8	3.0
Ischemic heart disease	302.5	301.7	314.5	326.0	328.7	327.0
Acute myocardial infarction	149.8	152.4	158.1	167.6	171.9	173.5
Other acute and subacute forms of ischemic heart disease	1.8	1.9	2.1	2.1	2.2	2.0
Chronic ischemic heart disease	150.8	147.3	154.2	156.2	154.6	151.5
Angina pectoris	0.1	0.1	0.1	0.1	0.1	0.1
Chronic disease of endocardium and other myocardial insufficiency	2.0	2.1	2.3	2.4	2.7	3.0
All other forms of heart disease	22.9	21.2	20.4	19.7	18.3	16.6
Hypertension	2.8	3.0	3.3	3.5	3.7	3.8
Cerebrovascular diseases	88.1	91.1	98.1	102.1	102.5	101.4
Cerebral hemorrhage	11.5	12.6	14.4	16.2	17.6	18.7
Cerebral thrombosis	21.2	22.7	25.3	27.0	27.6	27.8
Cerebral embolism	0.4	0.4	0.4	0.5	0.5	0.5
All other cerebrovascular diseases	55.1	55.3	57.9	58.5	56.7	54.5
Arteriosclerosis	13.4	13.6	15.3	15.5	15.6	15.3
Other diseases of arteries, arterioles, and capillaries	12.5	12.0	12.4	12.4	12.3	12.3
Acute bronchitis and bronchiolitis	0.4	0.3	0.4	0.4	0.6	0.6
Influenza and pneumonia	29.3	26.1	25.9	29.8	30.1	27.7
Influenza	3.6	2.0	1.0	2.4	2.4	0.7
Pneumonia	25.7	24.1	24.9	27.4	27.7	27.0

¹Based on a 50-percent sample of deaths.

MONTHLY VITAL STATISTICS REPORT

Table 9. DEATH RATES FOR SELECTED CAUSES: UNITED STATES, 1971-76-Con.

[For 1976, based on a 10-percent sample of deaths; for all other years, based on final data. Rates per 100,000 population]

Cause of death	Rate						
	1976	1975	1974	1973	1972 ¹	1971	
Bronchitis, emphysema, and asthma	490-493	11.1	12.0	12.7	14.2	14.8	14.7
Chronic and unqualified bronchitis	490,491	2.1	2.2	2.4	2.6	2.8	2.7
Emphysema	492	8.2	8.8	9.4	10.6	10.8	10.9
Asthma	493	0.8	0.9	0.9	0.9	1.1	1.0
Peptic ulcer	531-533	2.9	3.2	3.3	3.7	3.8	3.9
Appendicitis	540-543	0.3	0.4	0.4	0.5	0.6	0.6
Hernia and intestinal obstruction	550-553,560	2.8	2.9	3.1	3.2	3.3	3.4
Cirrhosis of liver	571	14.5	14.8	15.8	15.9	15.6	15.4
Cholelithiasis, cholecystitis and cholangitis	574,575	1.3	1.4	1.5	1.6	1.8	1.8
Nephritis and nephrosis	580-584	4.1	3.8	3.8	4.0	4.1	4.1
Acute nephritis and nephrotic syndrome	580,581	0.8	0.7	0.7	0.7	0.7	0.7
Chronic and unqualified nephritis and renal sclerosis	582-584	3.3	3.0	3.1	3.2	3.4	3.4
Infections of kidney	590	1.7	2.1	2.6	2.9	3.3	3.7
Hyperplasia of prostate	600	0.6	0.6	0.7	0.8	0.9	0.9
Complications of pregnancy, childbirth, and the puerperium	630-678	0.2	0.2	0.2	0.2	0.3	0.3
Abortions	640-645	0.0	0.0	0.0	0.0	0.0	0.0
Other complications of pregnancy, childbirth, and the puerperium	630-639,650-678	0.2	0.2	0.2	0.2	0.3	0.3
Congenital anomalies	740-759	6.4	6.2	6.4	6.7	7.1	7.7
Certain causes of mortality in early infancy	760-769,2,769,4-772,774-778	11.6	12.5	13.6	14.5	16.2	18.7
Birth injury, difficult labor, and other anoxic and hypoxic conditions	764-768,772,776	6.2	6.9	7.6	8.1	9.0	10.2
Other causes of mortality in early infancy	Remainder of 760-778	5.4	5.6	6.1	6.5	7.2	8.5
Symptoms and ill-defined conditions	780-796	15.1	14.9	14.7	14.5	13.2	12.9
All other diseases	Residual	59.2	56.5	56.0	54.7	53.2	50.8
Accidents	E800-E949	46.8	48.4	49.5	55.2	55.4	55.0
Motor vehicle accidents	E810-E823	21.3	21.5	22.0	26.5	27.0	26.4
All other accidents	E800-E807,E825-E949	25.5	26.8	27.5	28.7	28.4	28.6
Suicide	E950-E959	11.7	12.7	12.1	12.0	12.0	11.7
Homicide	E960-E978	8.8	10.0	10.2	9.8	9.4	9.1
Other external causes	E980-E999	2.1	2.3	2.4	2.4	2.4	2.5

¹Based on a 50-percent sample of deaths.

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