

● Monthly

(HRA) 74-1120  
VOL. 22, No. 13  
JUNE 27, 1974

# VITAL STATISTICS REPORT

*Provisional Statistics*

## ANNUAL SUMMARY FOR THE UNITED STATES, 1973

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

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

PUBLIC HEALTH SERVICE

HEALTH RESOURCES ADMINISTRATION

NATIONAL CENTER FOR HEALTH STATISTICS

Rockville, Maryland 20852



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# ANNUAL SUMMARY, 1973

## VITAL STATISTICS OF THE UNITED STATES

Item	Rate per 1,000 population						
	1973 <sup>1</sup>	1972 <sup>1</sup>	1971	1970	1969	1968	1967
Births-----	15.0	15.6	17.2	18.4	17.8	17.5	17.8
Deaths-----	9.4	9.4	9.3	9.5	9.5	9.7	9.4
Natural increase-----	5.6	6.2	7.9	8.9	8.3	7.8	8.4
Marriages-----	10.9	10.9	<sup>1</sup> 10.6	10.6	10.6	10.4	9.7
Divorces (est.)-----	4.4	4.0	<sup>1</sup> 3.7	3.5	3.2	2.9	2.6

<sup>1</sup>Provisional.

The provisional vital statistics reported here monthly have been summarized for the year. These preliminary totals show more marriages, divorces, and deaths and fewer births in 1973 than in 1972.

### BIRTHS

In 1973 the number of live births in the United States declined to an estimated 3,141,000, about 4 percent fewer than the number estimated for 1972. The birth and fertility rates declined to record low levels in 1973. The birth rate was 15.0 births per

1,000 population and the fertility rate was 69.3 births per 1,000 women 15-44 years of age. These rates were 4 and 6 percent lower, respectively, than in 1972 (table A). These declines were more than enough to offset a 2-percent increase in the number of women in the childbearing ages (assumed to be 15-44 years), resulting in a decline of about 115,000 births.

According to projections prepared by the U.S. Bureau of the Census, the number of women in the childbearing ages will increase another 4 percent by 1975. The projected increase is greatest at ages 20-29 (7 percent between 1973 and 1975) where fer-

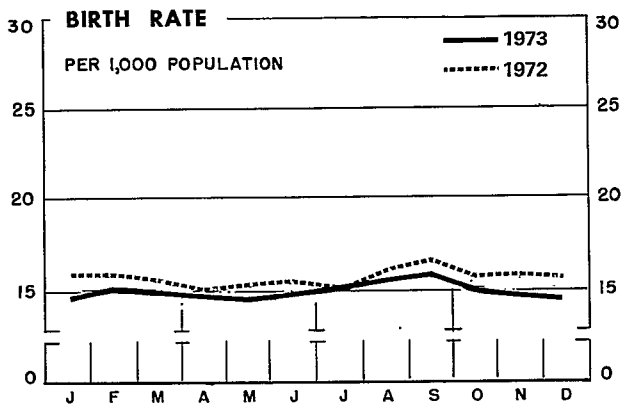
Table A. LIVE BIRTHS, BIRTH RATES, AND FERTILITY RATES, BY MONTH: UNITED STATES, 1972 AND 1973

[Rates on an annual basis. Birth rates per 1,000 population and fertility rates per 1,000 women aged 15-44 years]

Month	Number		Birth rate			Fertility rate		
	1973	1972	Unadjusted for seasonal variation		Adjusted for seasonal variation	Unadjusted for seasonal variation		Adjusted for seasonal variation
			1973	1972	1973	1973	1972	1973
Total-----	3,141,000	3,256,000	15.0	15.6	...	69.3	73.4	...
January-----	259,000	278,000	14.6	15.9	15.4	68.1	74.8	71.5
February-----	244,000	261,000	15.2	15.9	15.4	70.9	74.9	71.6
March-----	267,000	275,000	15.0	15.6	15.4	69.9	73.5	71.9
April-----	255,000	256,000	14.8	15.0	15.4	68.9	70.8	71.8
May-----	260,000	270,000	14.6	15.4	15.2	67.7	72.2	70.6
June-----	253,000	264,000	14.7	15.5	14.9	68.0	72.6	69.0
July-----	267,000	265,000	15.0	15.0	14.7	69.4	70.5	68.1
August-----	277,000	284,000	15.5	16.1	15.0	72.0	75.4	69.2
September-----	277,000	284,000	16.0	16.6	14.9	74.2	77.9	68.9
October-----	266,000	275,000	14.9	15.6	14.6	68.8	72.9	67.2
November-----	255,000	269,000	14.7	15.7	14.5	67.9	73.3	67.1
December-----	260,000	275,000	14.6	15.5	14.4	67.0	72.6	66.6

tivity rates are highest. Unless there are further declines in the age-specific birth rates the projected changes in the number of young women will tend to raise the future number of births.

Provisional data by place of occurrence show that the birth rate declined in all geographic divisions between 1972 and 1973 and the number of births declined in all except the Mountain Division. The birth rate declined in all States except Georgia and the number of births declined in all but nine States.



**NATURAL INCREASE**

Natural increase (the excess of births over deaths) resulted in the net addition of 1,164,000 persons to the population of the United States during 1973. The rate of natural increase was 5.6 persons per 1,000

population compared with 6.2 for 1972. This is less than one-half of the high rates of about 16 per 1,000 population observed in the mid-1950's. Since the death rate has been quite stable, the decline in the rate of natural increase has been due almost entirely to the decline in the birth rate.

**DEATHS**

There were approximately 1,977,000 deaths to residents of the United States during 1973, 15,000 more than in 1972. However, the provisional death rate for 1973 was 9.4 per 1,000 population, the same as the rate recorded for 1972.

The usual pattern of the highest death rates occurring in the winter and the lowest in the summer was evident again in 1973. However, the months of December and January had substantially lower death rates than the corresponding months of the previous year (table B).

**Major Causes of Death**

The 10 leading causes of death shown in table C each had the same rank for 1973 as for 1972 except for Cirrhosis of liver (9 in 1972) and Certain causes of mortality in early infancy (7 in 1972).

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

Table B. DEATHS AND DEATH RATES, BY MONTH: UNITED STATES, 1972 AND 1973

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

Month	Number		Rate	
	1973	1972	1973	1972
Total-----	1,977,000	1,962,000	9.4	9.4
January-----	179,000	186,000	10.1	10.6
February-----	177,000	174,000	11.0	10.6
March-----	175,000	171,000	9.8	9.7
April-----	161,000	159,000	9.4	9.3
May-----	163,000	159,000	9.2	9.0
June-----	159,000	154,000	9.2	9.0
July-----	158,000	159,000	8.9	9.0
August-----	160,000	160,000	9.0	9.1
September-----	156,000	153,000	9.0	8.9
October-----	161,000	161,000	9.0	9.1
November-----	161,000	157,000	9.3	9.2
December-----	168,000	170,000	9.4	9.6

Table C. DEATH RATES FOR THE 10 LEADING CAUSES OF DEATH: UNITED STATES, 1973

[Based on a 10-percent sample of deaths. Rates per 100,000 population. See table 7 for category numbers of causes of death]

Rank	Cause of death	Death rate	Percent of total deaths
	All causes-----	942.1	100.0
1	Diseases of heart-----	359.5	38.2
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----	168.4	17.9
3	Cerebrovascular diseases-----	102.3	10.9
4	Accidents-----	54.8	5.8
5	Influenza and pneumonia-----	29.1	3.1
6	Diabetes mellitus-----	17.4	1.8
7	Cirrhosis of liver-----	16.0	1.7
8	Arteriosclerosis-----	15.9	1.7
9	Certain causes of mortality in early infancy-----	14.8	1.6
10	Bronchitis, emphysema, and asthma-----	14.4	1.5
...	All other causes-----	149.4	15.9

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.

*Diseases of heart.*—The death rate for Diseases of heart (the leading cause of death) showed a 0.5-percent decrease from an estimated 361.3 per 100,000 population in 1972 to an estimated 359.5 in 1973.

*Malignant neoplasms.*—In 1973 the estimated death rate for Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues, was 168.4 per 100,000 population, an increase of 1.1 percent from the estimated rate of 166.6 in 1972. Higher death rates were recorded for the age groups 55-64 years, 75-84 years, and 85 years and over.

*Cerebrovascular diseases.*—The provisional death rate for Cerebrovascular diseases increased from 100.9 per 100,000 population in 1972 to an estimated 102.3 in 1973, a 1.4-percent increase.

*Accidents.*—The provisional death rate for Accidents increased from 54.6 per 100,000 population in 1972 to an estimated 54.8 in 1973, an increase of 0.4 percent. The death rate for Motor vehicle accidents in 1973 (26.5) decreased 2.6 percent when compared with the rate for 1972 (27.2). However, the death rate for All other accidents in 1973 (28.3) increased 3.3 percent when compared with the rate in 1972 (27.4).

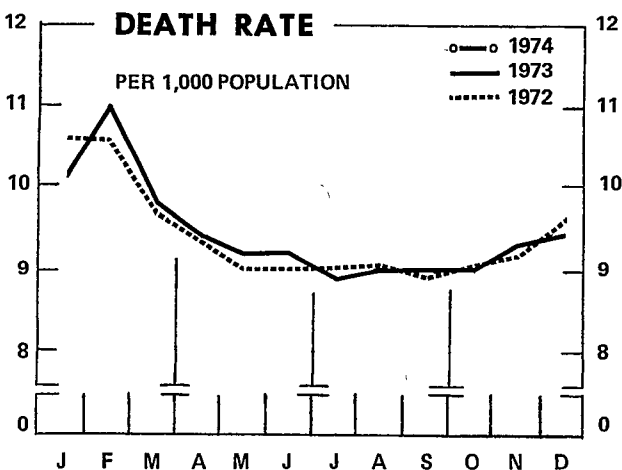
*Influenza and pneumonia.*—In 1973 the estimated death rate for Influenza and pneumonia was 29.1 per 100,000 population, down 1.0 percent from the estimated rate of 29.4 in 1972. This decline was due entirely to a drop in the death rate for Pneumonia. The Influenza death rate remained the same (2.4).

*Diabetes mellitus.*—The provisional death rate for Diabetes mellitus decreased from 18.8 per 100,000 population in 1972 to an estimated 17.4 in 1973, a 7.4-percent decrease.

*Cirrhosis of liver.*—In 1973 the estimated death rate for Cirrhosis of liver was 16.0 per 100,000 population, the highest ever recorded in the United States. This rate was 1.9 percent higher than the 1972 estimated rate (15.7).

*Arteriosclerosis.*—The provisional death rate for Arteriosclerosis was 15.9 per 100,000 population, an increase of 0.6 percent from the estimated rate of 15.8 in 1972.

*Certain causes of mortality in early infancy.*—The death rate for Certain causes of mortality in early infancy decreased from 16.4 per 100,000 population in 1972 to an estimated 14.8 in 1973. This rate was the lowest ever recorded in the United States,



and represented a decrease of 9.8 percent from the estimated rate in 1972.

*Bronchitis, emphysema, and asthma.*—In 1973 the estimated death rate for Bronchitis, emphysema, and asthma was 14.4 per 100,000 population, an increase of 4.3 percent from the estimated rate of 13.8 in 1972.

#### Death Rates by Age, Color, and Sex

During 1973 all the age-specific death rates per 100,000 population decreased from the 1972 rates except for the age groups 1-4 years, 5-14 years, 15-24 years, 75-84 years, and 85 years and over (table D). The largest declines occurred in the age groups 35-44 years (down 4.0 percent) and 65-74 years (down 3.3 percent).

*White males.*—In 1973 the age groups under 1 year, 35-44 years, 45-54 years, 55-64 years, and 65-74 years had the lowest estimated age-specific death rates ever recorded for white males in the United States. The age group under 1 year had an estimated death rate of 17.5 per 1,000 population, a 1.7-percent decrease from the estimated 1972 rate (table 5).

*All other males.*—In 1973 the age group 65-74 years had the lowest estimated age-specific death rate ever recorded for the category "all other males." The age group under 1 year had a death rate of 33.0 per 1,000 population, an increase of 8.2 percent when compared with the estimated rate for 1972 (30.5).

Table D. DEATH RATES BY AGE: UNITED STATES, 1972 AND 1973

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

Age	1973	1972	Percent difference
All ages <sup>1</sup> ---	942.1	942.2	-0.0
Under 1 year ----	1,796.0	1,795.4	0.0
1-4 years -----	79.9	79.4	0.6
5-14 years -----	41.4	40.7	1.7
15-24 years -----	130.6	129.0	1.2
25-34 years -----	152.7	156.9	-2.7
35-44 years -----	289.0	301.1	-4.0
45-54 years -----	698.6	714.2	-2.2
55-64 years -----	1,607.0	1,612.1	-0.3
65-74 years -----	3,434.7	3,551.7	-3.3
75-84 years -----	7,976.7	7,901.3	1.0
85+ years -----	17,446.6	16,222.6	7.5

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

*White females.*—In 1973 the age groups under 1 year and 65-74 years had the lowest estimated age-specific death rates ever recorded for white females in the United States. The age group under 1 year had an estimated death rate of 13.1 per 1,000 population, a reduction of 4.4 percent from the estimated rate for 1972 (13.7).

*All other females.*—In 1973 the age groups 15-24 years, 25-34 years, 45-54 years, and 55-64 years had the lowest estimated age-specific death rates ever recorded for the category "all other females." The age group under 1 year had a death rate of 29.4 per 1,000 population, an increase of 13.1 percent when compared with the estimated rate for 1972 (26.0).

#### Maternal and Infant Mortality

In 1973 the deaths of an estimated 470 women were assigned to Complications of pregnancy, childbirth, and the puerperium. The provisional maternal mortality rate was 15.0 per 100,000 live births. This rate is the equivalent of one maternal death for every 6,683 live births. The maternal mortality rates per 100,000 live births for 1950 and the last 14 years are as follows:

1973 (est.)-----	15.0	1965-----	31.6
1972 (est.)-----	24.0	1964-----	33.3
1971-----	18.8	1963-----	35.8
1970-----	21.5	1962-----	35.2
1969-----	22.2	1961-----	36.9
1968-----	24.5	1960-----	37.1
1967-----	28.0	1950-----	83.3
1966-----	29.1		

In 1973 there were approximately 55,300 infant deaths resulting in an estimated infant mortality rate of 17.6 per 1,000 live births. This was the lowest annual rate ever recorded in the United States and represents a decrease of 4.9 percent from the estimated rate of 18.5 in 1972. The infant mortality rate was a record low for every month in 1973 except February. Both the neonatal (under 28 days) and the postneonatal (28 days to 11 months) mortality rates declined in 1973 with the neonatal rate showing a proportionately greater decline than the postneonatal rate. The infant mortality rate increased for two causes of death during 1973 when compared with 1972—Certain gastrointestinal diseases increased 50.0 percent and Birth injuries increased 20.0 percent.

Table E. INFANT MORTALITY RATES BY AGE AND COLOR: UNITED STATES, 1950 AND 1960-73

[For 1972 and 1973, based on a 10-percent sample of deaths; for all other 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
1973 (est.)-----	17.6	12.9	4.7	15.2	11.5	3.7	28.8	19.8	9.0
1972 (est.)-----	18.5	13.7	4.8	16.3	12.3	4.0	29.0	20.6	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-----	25.2	18.2	7.0	22.2	16.7	5.5	41.5	26.1	15.4
1962-----	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

## Expectation of Life

The estimated expectation of life at birth in 1973 was 71.3 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 could be expected to live if the age-specific death rates observed during the year of

Table F. INFANT MORTALITY RATES, BY AGE AND SELECTED CAUSES: UNITED STATES, 1970-73

[For 1972 and 1973, 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	1973	1972	1971	1970
Total, under 1 year-----	17.6	18.5	19.1	20.0
Under 28 days-----	12.9	13.7	14.2	15.1
28 days to 11 months-----	4.7	4.8	4.9	4.9
Certain gastrointestinal diseases-----004,006-009,535,561,563	0.3	0.2	0.2	0.2
Influenza and pneumonia-----470-474,480-486	1.1	1.3	1.5	1.7
Congenital anomalies-----740-759	2.8	3.0	3.0	3.0
Birth injuries-----764-768(.0-.3),772	0.6	0.5	0.6	0.6
Asphyxia of newborn, unspecified-----776.9	1.9	2.1	2.3	2.5
Immaturity, unqualified-----777	1.7	1.9	2.1	2.3
Other diseases of early infancy-----Remainder of 760-778	5.6	6.0	5.8	6.1
All other causes-----Residual	3.6	3.5	3.6	3.5

## MONTHLY VITAL STATISTICS REPORT

Table G. DEATH RATES FOR SPECIFIED CAUSES, BY AGE

[Based on a 10-percent sample of deaths. Rates

Cause of death and year		All ages <sup>1</sup>	1-14 years
1	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-209):		
2	1973-----	168.4	5.6
	1972-----	166.6	6.2
3	Malignant neoplasms of digestive organs and peritoneum (150-159):		
4	1973-----	46.5	0.1
	1972-----	46.7	0.1
5	Malignant neoplasms of respiratory system(160-163):		
6	1973-----	37.3	0.1
	1972-----	36.9	0.1
7	Malignant neoplasm of breast (174):		
8	1973-----	15.2	-
	1972-----	14.9	-
9	Malignant neoplasms of genital organs (180-187):		
10	1973-----	20.2	-
	1972-----	20.4	0.0
11	Diabetes mellitus (250):		
12	1973-----	17.4	0.1
	1972-----	18.8	0.2
13	Major cardiovascular diseases (390-448):		
14	1973-----	494.4	1.6
	1972-----	493.9	1.7
15	Diseases of heart (390-398,402,404,410-429):		
16	1973-----	359.5	0.9
	1972-----	361.3	1.0
17	Cerebrovascular diseases (430-438):		
18	1973-----	102.3	0.6
	1972-----	100.9	0.6
19	Cerebral hemorrhage (431):		
20	1973-----	16.3	0.2
	1972-----	17.6	0.2
21	Cerebral thrombosis (433):		
22	1973-----	26.8	0.0
	1972-----	27.1	-
23	Arteriosclerosis (440):		
24	1973-----	15.9	-
	1972-----	15.8	-
25	Influenza and pneumonia (470-474,480-486):		
26	1973-----	29.1	2.2
	1972-----	29.4	2.6
27	Bronchitis, emphysema, and asthma (490-493):		
28	1973-----	14.4	0.1
	1972-----	13.8	0.3
29	Cirrhosis of liver (571):		
30	1973-----	16.0	-
	1972-----	15.7	0.1
31	Accidents (E800-E949):		
32	1973-----	54.8	24.1
	1972-----	54.6	22.4
33	Motor vehicle accidents (E810-E823):		
34	1973-----	26.5	10.5
	1972-----	27.2	10.7
35	All other accidents (E800-E807,E825-E949):		
36	1973-----	28.3	13.6
	1972-----	27.4	11.7
37	Suicide (E950-E959):		
38	1973-----	11.6	0.4
	1972-----	11.7	0.1
39	Homicide (E960-E978):		
40	1973-----	9.4	1.6
	1972-----	9.1	0.9

<sup>1</sup>Includes deaths under 1 year of age.



MONTHLY VITAL STATISTICS REPORT

GROUPS OVER 1 YEAR: UNITED STATES, 1972 AND 1973

per 100,000 population in specified group]

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	
7.2	15.4	54.9	181.4	428.6	778.2	1,208.1	1,457.7	1
7.4	15.8	55.6	183.4	426.3	784.2	1,178.4	1,348.4	2
0.4	2.2	8.8	37.0	108.6	226.5	401.4	556.4	3
0.4	2.1	9.1	38.1	108.0	231.5	409.9	518.5	4
0.1	1.0	10.6	49.7	122.7	193.6	191.6	128.2	5
0.2	1.0	10.8	49.0	123.0	191.4	192.4	121.1	6
0.1	1.7	10.7	26.4	43.0	58.6	77.3	106.7	7
0.1	1.7	10.0	27.0	39.7	57.7	77.5	116.9	8
0.9	2.2	6.3	18.4	38.7	89.9	190.3	243.6	9
0.7	2.6	7.0	19.6	40.6	96.7	176.1	223.7	10
0.4	1.7	4.4	11.4	33.1	82.0	171.1	227.0	11
0.5	2.6	4.3	13.2	34.6	95.5	176.2	224.3	12
4.0	14.3	73.3	268.1	762.6	1,914.5	5,229.4	12,914.7	13
4.5	14.7	80.0	282.8	767.9	1,990.8	5,190.4	11,960.6	14
2.4	9.9	56.0	222.0	621.3	1,452.2	3,634.3	8,382.2	15
2.4	9.3	61.2	233.4	625.8	1,514.4	3,636.5	7,834.7	16
1.2	3.6	13.5	36.5	107.7	356.7	1,229.7	3,266.3	17
1.6	4.4	14.9	39.1	110.6	367.5	1,198.5	2,972.0	18
0.3	0.5	4.4	11.2	28.2	66.8	162.6	327.6	19
0.3	1.3	4.8	13.0	31.8	72.9	169.5	324.6	20
0.0	0.1	0.6	3.8	21.3	91.6	356.0	973.0	21
0.0	0.1	0.9	4.4	21.3	93.9	368.8	915.9	22
-	0.0	0.1	1.1	6.3	34.4	193.1	910.4	23
-	0.1	0.0	1.1	6.5	35.0	192.3	860.4	24
2.0	3.7	7.6	14.6	31.0	79.9	288.3	875.5	25
2.2	2.8	6.8	16.0	31.8	84.1	282.3	816.8	26
0.2	0.5	1.9	8.3	32.2	79.8	134.2	123.9	27
0.2	0.7	1.8	8.0	31.1	82.9	117.7	106.8	28
0.4	3.8	19.1	40.1	53.1	45.4	30.1	17.8	29
0.3	3.9	18.6	40.2	50.9	44.8	29.4	25.7	30
71.0	51.6	45.3	49.2	52.2	75.2	157.0	404.9	31
67.2	51.7	46.2	48.5	56.5	79.4	172.5	389.0	32
48.2	30.9	23.8	24.2	22.3	28.4	42.0	36.2	33
47.3	31.5	25.1	24.7	26.4	31.0	46.1	35.2	34
22.8	20.8	21.5	25.1	29.9	46.8	115.1	368.7	35
19.9	20.2	21.1	23.8	30.1	48.4	126.4	353.8	36
10.4	14.2	15.4	19.8	19.7	19.8	18.8	19.6	37
9.7	14.3	16.7	19.7	20.5	20.3	20.4	18.5	38
13.2	17.5	13.5	10.8	9.7	5.2	5.6	3.1	39
12.4	18.3	16.3	11.1	7.7	4.4	2.5	4.8	40

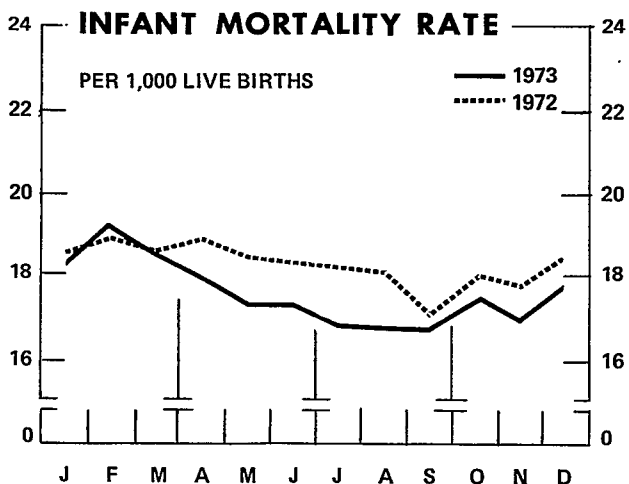
Table H. DEATHS UNDER 1 YEAR AND INFANT MORTALITY RATES, BY MONTH: UNITED STATES, 1972 AND 1973

[Rates on an annual basis per 1,000 live births. Monthly rates adjusted for changing number of births]

Month	Number		Rate	
	1973	1972	1973	1972
Total-----	55,300	60,200	17.6	18.5
January-----	4,800	5,300	18.1	18.5
February-----	4,700	5,100	19.3	19.0
March-----	5,000	5,200	18.5	18.6
April-----	4,600	5,000	17.9	18.8
May-----	4,500	5,100	17.3	18.4
June-----	4,400	4,900	17.3	18.4
July-----	4,500	4,900	16.7	18.3
August-----	4,600	5,200	16.6	18.2
September-----	4,500	4,800	16.6	17.0
October-----	4,600	5,000	17.4	18.1
November-----	4,300	4,700	16.9	17.6
December-----	4,600	5,100	17.7	18.4

birth were to continue unchanged throughout his lifetime. 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:

1973 (est.)-----	71.3	1968 -----	70.2
1972 (est.)-----	71.2	1967-----	70.5
1971 -----	71.0	1966-----	70.1
1970 -----	70.9	1965-----	70.2
1969 -----	70.4	1964-----	70.2



## MARRIAGES

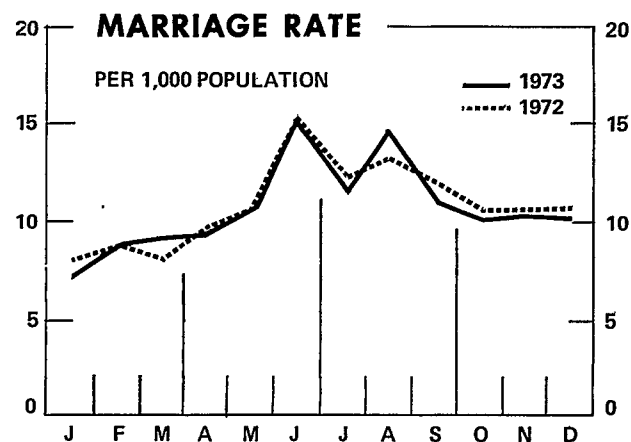
The number of marriages continued to rise in 1973 but at a decreasing rate. The provisional national total this year was 2,277,000, about 8,000 more than in 1972, or an increase of less than 0.5 percent. In 1968 there was a steep 7-percent increase in the number of marriages, but since then, the yearly increase has slowed down and has averaged less than 2 percent a year.

The provisional marriage rate remained the same for 1973 as for 1972, 10.9 per 1,000 population. This was preceded by a 3-year plateau of 10.6 per 1,000 population.

In 1973 four of the nine geographic divisions of the United States had slight decreases in the number of marriages performed (New England, Middle Atlantic, East South Central, and Pacific). The marriage rate declined in the South Atlantic Division as well as in the Middle Atlantic and East South Central Divisions. There was no change in the rate for the New England and Pacific Divisions. The marriage rate increased in the remaining four divisions. Changes in the rate ranged from -2.4 percent to +4.0 percent.

The number of marriages increased in 34 States and declined in 16 and the District of Columbia. A considerable decrease in the number of marriages occurred in New York (down 11,000 or 7 percent). When compared with 1972, the 1973 marriage rates increased in 23 States, declined in 22 and the District of Columbia, and remained the same in 5 States. The marriage rate increased noticeably for Ohio (up 13 percent) and Utah (up 10 percent). Sizable decreases were noted in the rates for the District of Columbia (down 10 percent), New York (down 7 percent), South Carolina (down 7 percent), and Georgia (down 5 percent).

Marriage rates were higher in 1973 than in 1972 for only 4 months (February, March, May, and August). The 1973 rate was the same as for 1972 for



MONTHLY VITAL STATISTICS REPORT

Table J. MARRIAGES AND MARRIAGE RATES, BY MONTH: UNITED STATES, 1972 AND 1973

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

Month	Number		Rate		
	1973	1972	Unadjusted for seasonal variation		Adjusted for seasonal variation
			1973	1972	
Total-----	2,277,000	2,269,000	10.9	10.9	...
January-----	130,000	139,000	7.3	7.9	10.0
February-----	145,000	146,000	9.0	8.9	11.7
March-----	161,000	139,000	9.1	7.9	11.5
April-----	159,000	166,000	9.3	9.8	10.7
May-----	198,000	188,000	11.1	10.7	12.0
June-----	266,000	262,000	15.4	15.4	10.0
July-----	210,000	225,000	11.8	12.7	11.2
August-----	267,000	237,000	15.0	13.4	12.2
September-----	191,000	208,000	11.1	12.1	9.6
October-----	185,000	189,000	10.3	10.7	10.8
November-----	183,000	182,000	10.6	10.6	11.2
December-----	183,000	187,000	10.2	10.6	9.6

the months of June and November and lower than for 1972 for the other 6 months.

**DIVORCES**

Both the number and the rate of divorces and annulments granted in the United States continued to increase in 1973. The provisional number of divorces granted was 913,000. This represented an increase of 74,000 or 9 percent over the number of divorces granted in 1972, similar to the increase from 1971 to 1972. The divorce rate was 4.4 per 1,000 population, the highest national rate ever reported and 10 percent above the 1972 rate. The increase in the divorce rate between 1971 and 1972 was 8 percent. The previous alltime peak of 4.3 per 1,000 population occurred in 1946. When comparing 1973 with 1963, the divorce rate nearly doubled. The average annual increase was around 5 percent for the years 1963 to 1968 and a little over 8 percent from 1968 to 1973.

The divorce rate among the States differs considerably. It ranges from 2.2 per 1,000 population in North Dakota to 15.6 per 1,000 population in Nevada. Excluding Nevada, the highest rates for 1973 occurred in Florida, Oklahoma, and Arkansas, with rates of 7.3, 7.7, and 8.4 per 1,000 population, respectively. In 1973 New Jersey, Maryland, West Virginia, and Arkansas had a 20 percent or more increase in their divorce rate over that for 1972. The provisional data

Table K. ESTIMATED NUMBER OF DIVORCES AND DIVORCE RATES, BY MONTH: UNITED STATES, 1972 AND 1973

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

Month	Number		Rate	
	1973	1972	1973	1972
Total-----	913,000	839,000	4.4	4.0
January-----	73,000	63,000	4.1	3.6
February-----	67,000	64,000	4.1	3.9
March-----	78,000	76,000	4.4	4.3
April-----	75,000	65,000	4.3	3.8
May-----	79,000	72,000	4.4	4.1
June-----	78,000	75,000	4.5	4.4
July-----	77,000	66,000	4.3	3.7
August-----	78,000	70,000	4.4	3.9
September-----	74,000	70,000	4.3	4.1
October-----	80,000	72,000	4.5	4.1
November-----	77,000	70,000	4.4	4.1
December-----	79,000	76,000	4.4	4.3

for 1973 show declines in the divorce rate for Alaska, the District of Columbia, Georgia, and Oregon.

There were no changes from 1972 to 1973 in the divorce rate for Connecticut, Hawaii, or Wyoming. In contrast to marriages, which demonstrate monthly variations in the rate, there is little variability in the divorce rate by month.

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Table L. DIVORCES AND DIVORCE RATES: UNITED STATES AND EACH REPORTING AREA, 1972 AND 1973

[By place of occurrence. Rates per 1,000 population]

Area	Number		Rate	
	1973	1972	1973	1972
United States <sup>1</sup> -----	913,000	839,000	4.4	4.0
Total, 45 areas <sup>2</sup> -----	824,000	<sup>a</sup> 753,000	4.3	4.0
Alabama-----	<sup>a</sup> 21,273	19,052	6.0	5.4
Alaska-----	2,056	2,096	6.2	6.4
Arkansas-----	17,205	13,762	8.4	7.0
California-----	117,677	111,162	5.7	5.4
Colorado-----	14,189	12,503	5.8	5.3
Connecticut-----	7,890	8,003	2.6	2.6
Delaware-----	2,187	1,836	3.8	3.2
District of Columbia-----	2,975	3,136	4.0	4.2
Florida-----	56,021	51,688	7.3	7.1
Georgia-----	23,975	23,934	5.0	5.1
Hawaii-----	<sup>a</sup> 3,964	3,895	4.8	4.8
Idaho-----	4,477	3,801	5.8	5.0
Illinois-----	45,323	43,164	4.0	3.8
Iowa-----	9,176	8,504	3.2	2.9
Kansas-----	10,566	9,945	4.6	4.4
Kentucky-----	12,783	12,048	3.8	3.7
Maine-----	4,680	4,170	4.6	4.1
Maryland-----	14,165	11,665	3.5	2.9
Massachusetts-----	14,469	---	2.5	---
Michigan <sup>3</sup> -----	26,046	24,612	2.9	2.7
Minnesota-----	10,962	10,193	2.8	2.6
Mississippi-----	11,081	9,699	4.9	4.3
Missouri-----	22,023	20,809	4.6	4.4
Montana-----	3,779	3,628	5.2	5.0
Nebraska-----	5,071	4,458	3.3	2.9
Nevada-----	8,550	---	15.6	---
New Hampshire-----	3,364	3,141	4.3	4.1
New Jersey-----	21,761	17,499	3.0	2.4
New Mexico-----	6,179	14,230	5.6	4.0
New York-----	47,460	40,937	2.6	2.2
North Carolina-----	18,648	17,233	3.5	3.3
North Dakota-----	1,383	1,272	2.2	2.0
Ohio-----	48,907	44,167	4.6	4.1
Oklahoma-----	20,523	17,480	7.7	6.6
Oregon-----	11,917	12,435	5.4	5.7
Pennsylvania-----	30,497	27,142	2.6	2.3
Rhode Island-----	2,409	2,017	2.5	2.1
South Carolina-----	7,903	6,773	2.9	2.5
South Dakota-----	1,808	1,635	2.6	2.4
Tennessee-----	22,122	20,336	5.4	5.0
Texas-----	64,759	61,069	5.5	5.2
Utah-----	5,270	4,904	4.6	4.4
Vermont-----	2,146	---	4.6	---
Virginia-----	16,131	14,174	3.4	3.0
Washington-----	21,785	<sup>a</sup> 20,702	6.4	6.0
West Virginia-----	7,286	6,011	4.1	3.4
Wisconsin-----	11,642	9,716	2.5	2.1
Wyoming-----	2,224	2,170	6.3	6.3

<sup>1</sup>Estimated.<sup>2</sup>Excludes figures for Massachusetts, Nevada, and Vermont.<sup>3</sup>Incomplete.<sup>a</sup>Revised.

## EXPLANATORY NOTES

## Nature and Sources of Data

All data for 1972 and 1973 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 statistics exclude data for births to nonresidents of the United States and final mortality statistics exclude data for deaths of nonresidents of the United States. Data for nonresidents are included in provisional data for 1972 and 1973.

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.

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 1973: Arizona, Arkansas, Kentucky, Louisiana, Nevada, New Mexico, New Orleans, and New York City.

Seasonal adjustment factors reflect changes in the Lenten season each year and in the number of Saturdays in each month.

Provisional divorce data including reported annulments are shown in table L for the areas reporting divorce data monthly. Divorce figures for the United States are estimated from a summary of monthly reports from 42 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 1972 and 1973 by cause, age, color, and sex were estimated from this sample.

The sample was taken from death certificates received monthly during 1972 and 1973 in the vital

statistics offices in the 50 States, the District of Columbia, and two independent registration cities—New Orleans and New York. 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 1973 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-----	77.6	17.2	5.2
February-----	74.5	22.2	3.3
March-----	71.5	18.1	10.4
April-----	77.0	18.5	4.4
May-----	68.8	25.8	5.4
June-----	61.6	32.1	6.3
July-----	66.4	26.7	6.9
August-----	70.4	23.0	6.6
September-----	55.7	33.0	11.3
October-----	63.3	30.2	6.5
November-----	56.8	35.7	7.6
December-----	60.2	31.6	8.2

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 percentages of the sample deaths occurring in the current month constitute about 72 percent of the total as opposed to 67 percent of the entire sample. As for the year of occurrence, 97.6 percent of the 193,863 transcripts in the 1973 sample were for deaths occurring in 1973 and 2.4 percent for deaths occurring in 1972.

## 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.<sup>1</sup> An adaptation of the Eighth Revision of the Classification—*Eighth Revision, International Classification of Diseases, Adapted for Use in the United States*<sup>2</sup>—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 the 1969, 1970-71, and 1972 issues of Part 2 of *NCHS Instruction Manual*, Vital Statistics, Instructions for Medical Classification of Death Records and the Underlying Cause of Death.

### Correction for Bias

The method of computing the bias factors which adjust for over- or under-reporting of certain causes of death in the Current Mortality Sample would have involved comparing sample data for 1973 with final data for the 3 years immediately preceding 1973. However, final 1972 data are not yet available. As a result the usual correction factors that correct for

biases in the sample data for certain causes of death were not computed for the 1973 data.

### 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 variability to be expected and represents the standard 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.

The percent errors of the 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

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

$N$  = 1,977,000, the provisional number of registered deaths in 1973.

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

<sup>1</sup>World 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.

<sup>2</sup>National 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.

**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:

No. 508. "Estimates of the Population of States, July 1, 1972 and 1973," 1973.

No. 512. "Estimates of the Population of the United States to December 1, 1973," 1974.

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).

SYMBOLS USED IN TABLES	
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--	*

## MONTHLY VITAL STATISTICS REPORT

Table 1. LIVE BIRTHS, MARRIAGES, AND RATES: EACH REPORTING AREA, 1972 AND 1973

[By place of occurrence. Rates per 1,000 population]

Area	Live births				Marriages <sup>1</sup>			
	Number		Rate		Number		Rate	
	1973	1972	1973	1972	1973	1972	1973	1972
New England-----	156,774	166,513	12.9	13.8	106,468	106,709	8.8	8.8
Maine-----	15,314	15,892	14.9	15.4	11,997	11,751	11.7	11.4
New Hampshire-----	11,077	11,294	14.0	14.6	9,615	9,651	12.2	12.5
Vermont-----	6,305	7,180	13.6	15.5	4,986	5,131	10.7	11.1
Massachusetts-----	74,777	79,522	12.9	13.7	46,213	47,595	7.9	8.2
Rhode Island-----	12,659	13,495	13.0	13.9	7,698	7,829	7.9	8.1
Connecticut-----	36,642	39,130	11.9	12.7	25,959	24,752	8.4	8.0
Middle Atlantic-----	489,387	516,702	13.0	13.7	316,298	324,774	8.4	8.6
New York-----	241,349	254,431	13.2	13.9	155,807	166,730	8.5	9.1
New Jersey-----	93,478	97,529	12.7	13.2	59,308	58,573	8.1	8.0
Pennsylvania-----	154,560	164,742	13.0	13.8	101,183	99,471	8.5	8.3
East North Central-----	615,543	644,471	15.1	15.7	420,575	405,593	10.3	9.9
Ohio-----	160,996	170,347	15.0	15.8	103,754	93,156	9.7	8.6
Indiana-----	84,388	87,191	15.9	16.5	61,144	60,649	11.5	11.5
Illinois-----	166,844	175,604	14.8	15.6	120,606	118,087	10.7	10.5
Michigan-----	140,731	147,187	15.6	16.2	94,974	95,276	10.5	10.5
Wisconsin-----	62,584	64,142	13.7	14.2	40,097	38,425	8.8	8.5
West North Central-----	239,502	249,435	14.3	15.0	170,775	167,429	10.2	10.1
Minnesota-----	54,273	56,629	13.9	14.5	32,878	31,817	8.4	8.2
Iowa-----	39,303	41,383	13.5	14.4	27,629	26,540	9.5	9.2
Missouri-----	71,496	74,981	15.0	15.8	53,755	53,739	11.3	11.3
North Dakota-----	10,376	10,577	16.2	16.7	5,745	5,826	9.0	9.2
South Dakota-----	10,545	10,728	15.4	15.8	12,312	12,090	18.0	17.8
Nebraska-----	22,899	23,500	14.9	15.4	13,770	13,756	8.9	9.0
Kansas-----	30,610	31,637	13.4	14.0	24,686	23,661	10.8	10.5
South Atlantic-----	504,102	514,943	15.5	16.2	393,666	393,251	12.1	12.4
Delaware-----	8,222	8,867	14.3	15.7	4,272	4,359	7.4	7.7
Maryland-----	47,349	51,059	11.6	12.6	48,171	49,553	11.8	12.2
District of Columbia-----	19,919	21,579	26.7	28.8	5,665	6,292	7.6	8.4
Virginia-----	68,980	71,939	14.3	15.1	58,336	55,849	12.1	11.7
West Virginia-----	28,146	29,679	15.7	16.7	18,152	18,281	10.1	10.3
North Carolina-----	85,772	89,491	16.3	17.2	47,299	48,963	9.0	9.4
South Carolina-----	47,787	49,007	17.5	18.4	55,961	58,576	20.5	22.0
Georgia-----	90,048	84,337	18.8	17.9	66,972	70,056	14.0	14.8
Florida-----	107,879	108,985	14.1	15.0	88,838	81,322	11.6	11.2
East South Central-----	<sup>a</sup> 228,306	232,489	17.2	17.7	<sup>a</sup> 170,495	171,561	12.8	13.1
Kentucky-----	55,663	55,419	16.7	16.8	37,102	37,309	11.1	11.3
Tennessee-----	68,484	69,752	16.6	17.3	56,326	56,249	13.7	14.0
Alabama-----	<sup>a</sup> 59,760	61,869	16.9	17.6	<sup>a</sup> 48,178	49,569	13.6	14.1
Mississippi-----	44,399	45,449	19.5	20.1	28,889	28,434	12.7	12.6
West South Central-----	356,544	362,664	17.6	18.2	<sup>b</sup> 257,764	<sup>b</sup> 252,677	<sup>b</sup> 12.7	<sup>b</sup> 12.6
Arkansas-----	32,687	32,985	16.0	16.7	26,075	24,949	12.8	12.6
Louisiana-----	65,887	68,611	17.5	18.4	<sup>b</sup> 39,469	<sup>b</sup> 38,037	<sup>b</sup> 10.5	<sup>b</sup> 10.2
Oklahoma-----	39,770	41,246	14.9	15.7	41,053	40,784	15.4	15.5
Texas-----	218,200	219,822	18.5	18.9	151,167	148,907	12.8	12.8
Mountain-----	165,823	165,446	18.1	18.7	211,592	<sup>b</sup> 202,086	23.1	<sup>b</sup> 22.9
Montana-----	11,189	11,361	15.5	15.8	7,812	7,608	10.8	10.6
Idaho-----	13,996	13,828	18.2	18.3	12,268	12,119	15.9	16.0
Wyoming-----	5,912	5,814	16.7	16.9	5,408	5,328	15.3	15.4
Colorado-----	39,345	39,869	16.1	16.9	27,262	26,513	11.2	11.2
New Mexico-----	20,643	20,589	18.7	19.3	15,136	<sup>b</sup> 14,273	13.7	<sup>b</sup> 13.4
Arizona-----	37,980	37,258	18.5	19.2	26,022	<sup>b</sup> 23,864	12.6	<sup>b</sup> 12.3
Utah-----	27,958	27,934	24.2	24.8	14,818	13,116	12.8	11.6
Nevada-----	8,800	8,793	16.1	16.7	102,866	<sup>b</sup> 99,265	187.7	<sup>b</sup> 188.4
Pacific-----	399,789	405,114	14.6	14.9	245,403	<sup>a</sup> 246,190	9.0	<sup>a</sup> 9.0
Washington-----	45,447	47,148	13.3	13.7	42,040	<sup>a</sup> 40,390	12.3	<sup>a</sup> 11.7
Oregon-----	31,731	32,303	14.3	14.8	19,596	18,824	8.8	8.6
California-----	300,637	303,542	14.6	14.8	170,173	173,563	8.3	8.5
Alaska-----	6,640	6,797	20.1	20.9	3,836	3,682	11.6	11.3
Hawaii-----	15,334	15,324	18.4	18.9	9,758	9,731	11.7	12.0

<sup>1</sup>Data are either marriages reported or marriage licenses issued; see Explanatory Notes.<sup>2</sup>Estimated.<sup>a</sup>Revised.



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Table 2. DEATHS, INFANT DEATHS, AND RATES: EACH REPORTING AREA, 1972 AND 1973

[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]

Area	Deaths (all ages)				Infant deaths (under 1 year)			
	Number		Rate		Number		Rate	
	1973	1972	1973	1972	1973	1972	1973	1972
New England-----	121,534	122,235	10.0	10.1	2,379	2,826	15.2	17.0
Maine-----	10,906	11,174	10.6	10.9	233	265	15.2	16.7
New Hampshire-----	7,700	7,482	9.7	9.7	154	167	13.9	14.8
Vermont-----	4,440	4,451	9.6	9.6	99	114	15.7	15.9
Massachusetts-----	62,214	63,037	10.7	10.9	1,156	1,386	15.5	17.4
Rhode Island-----	9,496	9,601	9.8	9.9	218	257	17.2	19.0
Connecticut-----	26,778	26,490	8.7	8.6	519	637	14.2	16.3
Middle Atlantic-----	374,167	376,595	10.0	10.0	8,261	9,192	16.9	17.8
New York-----	179,448	182,570	9.8	9.9	4,189	4,602	17.4	18.1
New Jersey-----	67,824	66,974	9.2	9.1	1,426	1,671	15.3	17.1
Pennsylvania-----	126,895	127,051	10.7	10.7	2,646	2,919	17.1	17.7
East North Central-----	377,637	379,691	9.2	9.3	11,021	11,877	17.9	18.4
Ohio-----	101,087	102,164	9.4	9.5	2,810	2,993	17.5	17.6
Indiana-----	49,761	48,622	9.4	9.2	1,578	1,673	18.7	19.2
Illinois-----	107,871	108,894	9.6	9.7	3,293	3,517	19.7	20.0
Michigan-----	77,427	77,923	8.6	8.6	2,430	2,715	17.3	18.4
Wisconsin-----	41,491	42,088	9.1	9.3	910	979	14.5	15.3
West North Central-----	167,044	167,877	10.0	10.1	3,957	4,401	16.5	17.6
Minnesota-----	34,571	34,991	8.9	9.0	890	987	16.4	17.4
Iowa-----	29,193	29,799	10.1	10.3	620	720	15.8	17.4
Missouri-----	53,433	52,653	11.2	11.1	1,290	1,363	18.0	18.2
North Dakota-----	6,003	5,819	9.4	9.2	173	166	16.7	15.7
South Dakota-----	6,588	7,078	9.6	10.4	173	228	16.4	21.3
Nebraska-----	15,150	15,615	9.8	10.2	361	417	15.8	17.7
Kansas-----	22,106	21,922	9.7	9.7	450	520	14.7	16.4
South Atlantic-----	311,145	309,827	9.6	9.8	9,723	10,709	19.3	20.8
Delaware-----	5,137	5,153	8.9	9.1	125	168	15.2	18.9
Maryland-----	32,191	32,826	7.9	8.1	718	806	15.2	15.8
District of Columbia-----	9,769	10,393	13.1	13.9	483	550	24.2	25.5
Virginia-----	40,540	40,199	8.4	8.4	1,288	1,483	18.7	20.6
West Virginia-----	20,248	20,739	11.3	11.6	546	618	19.4	20.8
North Carolina-----	48,027	47,345	9.1	9.1	1,875	2,058	21.9	23.0
South Carolina-----	24,580	23,587	9.0	8.9	1,099	1,069	23.0	21.8
Georgia-----	40,402	44,189	8.4	9.4	1,529	1,789	17.0	21.2
Florida-----	90,251	85,396	11.8	11.8	2,060	2,168	19.1	19.9
East South Central-----	<sup>a</sup> 136,200	132,998	10.2	10.2	<sup>a</sup> 4,941	5,117	21.6	22.0
Kentucky-----	34,447	33,857	10.3	10.3	935	1,071	16.8	19.3
Tennessee-----	42,383	41,610	10.3	10.3	1,498	1,548	21.9	22.2
Alabama-----	<sup>a</sup> 35,604	34,313	10.1	9.8	<sup>a</sup> 1,378	1,375	23.1	22.2
Mississippi-----	23,766	23,218	10.4	10.3	1,130	1,123	25.5	24.7
West South Central-----	187,101	181,823	9.2	9.1	6,708	6,935	18.8	19.1
Arkansas-----	21,881	21,571	10.7	10.9	618	555	18.9	16.8
Louisiana-----	35,272	34,314	9.4	9.2	1,342	1,356	20.4	19.8
Oklahoma-----	26,720	25,967	10.0	9.9	634	766	15.9	18.6
Texas-----	103,228	99,971	8.8	8.6	4,114	4,258	18.9	19.4
Mountain-----	72,709	70,520	7.9	8.0	2,705	2,821	16.3	17.1
Montana-----	6,763	6,847	9.4	9.5	208	208	18.6	18.3
Idaho-----	6,290	6,114	8.2	8.1	228	215	16.3	15.5
Wyoming-----	3,020	2,999	8.6	8.7	95	117	16.1	20.1
Colorado-----	19,060	18,453	7.8	7.8	654	701	16.6	17.6
New Mexico-----	8,129	7,994	7.3	7.5	420	409	20.3	19.9
Arizona-----	17,238	16,082	8.4	8.3	583	611	15.4	16.4
Utah-----	7,685	7,571	6.6	6.7	363	401	13.0	14.4
Nevada-----	4,524	4,460	8.3	8.5	154	159	17.5	18.1
Pacific-----	231,795	224,128	8.5	8.2	5,952	6,474	14.9	16.0
Washington-----	30,532	29,881	8.9	8.7	706	748	15.5	15.9
Oregon-----	20,915	20,289	9.4	9.3	471	537	14.8	16.6
California-----	174,297	167,979	8.5	8.2	4,439	4,809	14.8	15.8
Alaska-----	1,457	1,492	4.4	4.6	129	112	19.4	16.5
Hawaii-----	4,594	4,487	5.5	5.5	207	268	13.5	17.5

<sup>a</sup>Revised.

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Table 3. ABRIDGED LIFE TABLE FOR THE TOTAL POPULATION: UNITED STATES, 1973

[For explanation of the columns of the life table, see Section 5 of *Vital Statistics of the United States, 1968, 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 $x+n$	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$T_x$	$e_x$
0-1-----	0.0176	100,000	1,757	98,439	7,133,339	71.3
1-5-----	.0032	98,243	314	392,220	7,034,900	71.6
5-10-----	.0022	97,929	211	489,075	6,642,680	67.8
10-15-----	.0020	97,718	195	488,150	6,153,605	63.0
15-20-----	.0058	97,523	562	486,325	5,665,455	58.1
20-25-----	.0074	96,961	717	483,045	5,179,130	53.4
25-30-----	.0071	96,244	679	479,547	4,696,085	48.8
30-35-----	.0083	95,565	794	475,932	4,216,538	44.1
35-40-----	.0111	94,771	1,055	471,393	3,740,606	39.5
40-45-----	.0175	93,716	1,642	464,768	3,269,213	34.9
45-50-----	.0275	92,074	2,531	454,503	2,804,445	30.5
50-55-----	.0414	89,543	3,706	438,997	2,349,942	26.2
55-60-----	.0635	85,837	5,447	416,319	1,910,945	22.3
60-65-----	.0930	80,390	7,479	384,152	1,494,626	18.6
65-70-----	.1310	72,911	9,549	341,588	1,110,474	15.2
70-75-----	.1954	63,362	12,381	286,751	768,886	12.1
75-80-----	.2908	50,981	14,825	218,473	482,135	9.5
80-85-----	.3930	36,156	14,209	144,537	263,662	7.3
85 and over-----	1.0000	21,947	21,947	119,125	119,125	5.4

Table 4. DEATH RATES BY MONTH: UNITED STATES, 1961-73

[For 1972 and 1973, based on provisional figures; for all other years, based on final data. Rates on an annual basis per 1,000 population]

Month	1973 (est.)	1972 (est.)	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961
Annual-----	9.4	9.4	9.3	9.5	9.5	9.7	9.4	9.5	9.4	9.4	9.6	9.5	9.3
January-----	10.1	10.6	10.0	10.6	10.9	11.6	9.8	10.1	10.1	10.1	10.4	10.4	10.0
February-----	11.0	10.6	10.0	10.4	9.8	10.0	9.8	10.1	10.4	9.8	11.2	10.3	9.8
March-----	9.8	9.7	9.6	9.5	9.8	9.6	9.6	9.9	10.1	9.7	11.1	10.0	9.4
April-----	9.4	9.3	9.5	9.3	9.4	9.2	9.3	9.9	9.5	9.3	9.6	9.6	9.4
May-----	9.2	9.0	9.2	9.1	9.3	9.1	9.3	9.4	9.2	9.2	9.1	9.3	9.1
June-----	9.2	9.0	9.2	9.0	9.2	9.2	9.1	9.3	9.1	9.3	9.3	8.9	9.0
July-----	8.9	9.0	8.9	9.1	9.2	9.1	8.9	9.6	8.9	9.2	9.0	8.8	8.9
August-----	9.0	9.1	8.8	8.8	8.9	9.0	8.7	8.7	8.7	8.8	8.5	8.8	8.6
September-----	9.0	8.9	8.8	8.8	8.8	8.8	8.9	8.8	8.8	8.7	8.7	8.7	8.8
October-----	9.0	9.1	9.1	9.2	9.2	9.1	9.2	9.3	9.3	9.3	9.0	9.2	9.2
November-----	9.3	9.2	9.4	9.5	9.6	9.7	9.5	9.3	9.5	9.4	9.2	9.5	9.4
December-----	9.4	9.6	9.9	9.7	10.0	11.3	10.2	9.8	9.9	9.9	10.3	10.1	10.0



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Table 5. DEATH RATES BY AGE, COLOR, AND SEX: UNITED STATES, 1950 AND 1960-73--Con.

[For 1972 and 1973, 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 <sup>1</sup>	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
<b>WHITE, FEMALE</b>												
1973 (est.)-----	8.3	13.1	0.6	0.3	0.6	0.8	1.8	4.4	9.9	23.3	66.6	166.4
1972 (est.)-----	8.2	13.7	0.6	0.3	0.6	0.8	1.8	4.4	9.9	24.4	65.2	157.9
1971-----	8.1	14.1	0.7	0.3	0.6	0.8	1.9	4.5	10.0	24.3	64.7	184.1
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
1969-----	8.2	16.4	0.7	0.3	0.6	0.8	2.0	4.5	10.1	25.5	66.9	198.0
1968-----	8.2	16.8	0.7	0.3	0.6	0.8	2.0	4.7	10.4	26.2	68.9	200.1
1967-----	8.0	16.7	0.7	0.3	0.6	0.8	1.9	4.6	10.1	25.9	67.6	197.0
1966-----	8.1	17.3	0.7	0.3	0.6	0.9	1.9	4.6	10.2	26.7	70.2	202.7
1965-----	8.0	17.9	0.7	0.3	0.6	0.9	1.9	4.6	10.2	26.4	70.6	202.1
1964-----	8.0	18.5	0.8	0.3	0.6	0.9	1.9	4.6	10.3	26.7	71.1	200.0
1963 <sup>2</sup> -----	8.1	19.0	0.8	0.3	0.6	0.9	1.9	4.6	10.5	27.3	73.9	206.6
1962 <sup>2</sup> -----	8.0	19.1	0.8	0.3	0.5	0.9	1.9	4.6	10.4	27.1	73.8	199.7
1961-----	7.8	19.3	0.8	0.3	0.5	0.8	1.9	4.5	10.3	27.0	73.4	192.0
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
<b>ALL OTHER</b>												
1973 (est.)-----	9.2	31.2	1.1	0.5	1.9	3.3	6.1	12.3	24.0	44.5	75.4	124.1
1972 (est.)-----	9.3	28.3	1.2	0.5	2.1	3.6	6.6	12.9	24.6	43.5	75.2	109.6
1971-----	9.2	28.5	1.1	0.5	2.1	3.6	6.7	12.6	24.7	53.3	71.1	89.4
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
1969-----	9.6	32.0	1.3	0.6	2.1	3.7	7.1	13.2	26.2	55.6	69.3	99.6
1968-----	9.9	33.6	1.4	0.6	1.9	3.8	7.2	13.5	27.3	57.7	71.2	111.5
1967-----	9.4	35.4	1.4	0.6	1.7	3.5	6.7	12.9	25.5	53.7	67.3	108.5
1966-----	9.7	38.8	1.5	0.6	1.7	3.5	6.8	13.2	26.4	55.2	71.2	120.0
1965-----	9.7	40.2	1.5	0.6	1.6	3.4	6.6	13.0	26.6	52.6	70.2	123.5
1964-----	9.7	40.6	1.6	0.6	1.6	3.3	6.6	13.2	27.1	50.6	69.8	128.0
1963 <sup>2</sup> -----	10.1	41.3	1.7	0.6	1.6	3.2	6.5	13.2	27.9	53.0	74.4	145.7
1962 <sup>2</sup> -----	9.8	41.2	1.7	0.6	1.6	3.1	6.3	12.9	27.0	49.7	72.0	144.0
1961-----	9.6	40.8	1.7	0.6	1.5	3.1	6.2	12.7	26.6	47.1	70.1	142.3
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	<sup>2</sup> 31.3	<sup>2</sup> 52.1	80.4	144.7
<b>ALL OTHER, MALE</b>												
1973 (est.)-----	10.9	33.0	1.3	0.7	2.9	4.8	8.0	16.1	31.3	53.7	90.7	141.9
1972 (est.)-----	11.1	30.5	1.2	0.6	3.0	5.4	9.2	16.7	31.8	54.0	89.9	119.0
1971-----	10.8	31.5	1.2	0.6	3.1	5.1	8.8	16.1	31.4	63.8	88.3	89.6
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
1969-----	11.3	35.4	1.4	0.7	3.0	5.2	9.4	16.9	32.5	66.5	84.1	101.7
1968-----	11.6	36.9	1.5	0.7	2.8	5.2	9.2	17.0	33.8	69.8	85.1	115.6
1967-----	10.9	38.8	1.5	0.7	2.5	4.8	8.5	16.1	30.9	65.0	79.7	114.3
1966-----	11.3	42.6	1.6	0.7	2.4	4.6	8.5	16.3	31.8	66.9	82.1	127.0
1965-----	11.1	44.5	1.6	0.7	2.2	4.4	8.1	15.9	31.3	63.8	81.3	130.7
1964-----	11.1	45.1	1.7	0.7	2.1	4.3	8.1	15.7	31.5	61.4	79.2	134.3
1963 <sup>2</sup> -----	11.5	46.0	1.9	0.7	2.2	4.0	7.6	15.7	31.8	64.4	85.0	161.6
1962 <sup>2</sup> -----	11.2	45.6	1.8	0.7	2.1	3.9	7.4	15.3	30.5	59.5	80.5	161.0
1961-----	10.9	45.2	1.8	0.7	2.1	3.8	7.2	14.7	30.0	56.2	78.2	155.9
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
<b>ALL OTHER, FEMALE</b>												
1973 (est.)-----	7.6	29.4	1.0	0.4	0.9	2.0	4.6	9.0	17.8	36.9	64.2	112.0
1972 (est.)-----	7.6	26.0	1.1	0.5	1.2	2.1	4.5	9.6	18.4	34.9	64.2	103.3
1971-----	7.7	25.5	1.0	0.4	1.1	2.3	5.0	9.6	18.9	44.4	58.9	89.2
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
1969-----	8.0	28.6	1.2	0.4	1.1	2.4	5.2	10.0	20.6	46.1	58.5	98.1
1968-----	8.3	30.2	1.2	0.4	1.1	2.5	5.5	10.3	21.5	47.6	60.9	109.9
1967-----	7.9	32.0	1.2	0.4	1.0	2.5	5.1	10.1	20.6	44.1	57.4	104.1
1966-----	8.3	35.0	1.4	0.5	1.0	2.5	5.3	10.4	21.4	45.2	62.2	114.6
1965-----	8.2	36.0	1.4	0.5	1.0	2.5	5.4	10.4	22.2	42.9	60.9	117.9
1964-----	8.3	36.1	1.5	0.5	1.0	2.5	5.3	10.9	23.0	41.4	61.3	123.3
1963 <sup>2</sup> -----	8.7	36.5	1.6	0.5	1.0	2.6	5.5	11.0	24.2	43.1	65.4	137.1
1962 <sup>2</sup> -----	8.5	36.6	1.5	0.5	1.1	2.5	5.4	10.7	23.7	41.2	64.4	134.8
1961-----	8.4	36.4	1.6	0.5	1.1	2.5	5.3	10.8	23.4	38.9	62.9	132.0
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

<sup>1</sup>Figures for age not stated included in "All ages" but not distributed among age groups.<sup>2</sup>For 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.<sup>3</sup>Figures by color exclude data for residents of New Jersey.

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Table 6. DEATHS AND DEATH RATES BY AGE, COLOR, AND SEX: UNITED STATES, 1973

[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
<b>NUMBER</b>									
All ages-----	1,977,000	1,097,830	879,090	1,731,010	958,130	772,880	245,910	139,700	106,210
Under 1 year-----	55,300	31,480	23,830	39,440	23,000	16,440	15,870	8,480	7,390
1-4 years-----	10,890	6,220	4,670	8,330	4,780	3,550	2,560	1,440	1,120
5-14 years-----	16,130	10,140	5,990	12,800	8,010	4,790	3,330	2,130	1,200
15-24 years-----	50,370	37,990	12,430	40,060	30,250	9,810	10,360	7,740	2,620
25-34 years-----	43,460	29,920	13,560	32,070	22,220	9,850	11,410	7,700	3,710
35-44 years-----	65,700	40,350	25,370	48,650	30,260	18,390	17,070	10,090	6,980
45-54 years-----	166,300	105,900	60,420	135,180	86,930	48,250	31,140	18,970	12,170
55-59 years-----	132,740	86,700	46,040	113,500	75,070	38,430	19,240	11,630	7,610
60-64 years-----	176,910	114,810	62,100	152,300	99,970	52,330	24,610	14,840	9,770
65-69 years-----	212,400	131,000	81,400	185,660	116,290	69,370	26,740	14,710	12,030
70-74 years-----	241,570	139,820	101,750	213,820	124,970	88,850	27,750	14,850	12,900
75-79 years-----	265,240	135,910	129,330	242,920	124,110	118,810	22,320	11,800	10,520
80-84 years-----	251,890	117,150	134,740	236,140	109,630	126,510	15,750	7,520	8,230
85 years and over---	284,380	108,650	175,770	267,040	101,130	165,910	17,380	7,520	9,860
Not stated-----	3,500	1,780	1,740	3,130	1,510	1,620	390	270	120
<b>RATE</b>									
All ages <sup>1</sup> -----	9.4	10.7	8.2	9.5	10.7	8.3	9.2	10.9	7.6
Under 1 year-----	18.0	20.0	15.8	15.3	17.5	13.1	31.2	33.0	29.4
1-4 years-----	0.8	0.9	0.7	0.7	0.8	0.6	1.1	1.3	1.0
5-14 years-----	0.4	0.5	0.3	0.4	0.5	0.3	0.5	0.7	0.4
15-24 years-----	1.3	2.0	0.6	1.2	1.8	0.6	1.9	2.9	0.9
25-34 years-----	1.5	2.1	0.9	1.3	1.8	0.8	3.3	4.8	2.0
35-44 years-----	2.9	3.6	2.2	2.4	3.1	1.8	6.1	8.0	4.6
45-54 years-----	7.0	9.2	4.9	6.4	8.4	4.4	12.3	16.1	9.0
55-59 years-----	13.1	17.9	8.7	12.3	17.0	8.0	20.6	26.7	15.2
60-64 years-----	19.4	27.0	12.8	18.5	26.1	11.9	27.7	36.2	20.4
65-69 years-----	27.9	38.7	19.2	27.1	38.1	18.2	35.6	44.0	28.8
70-74 years-----	43.1	59.1	31.4	41.7	58.1	29.8	58.5	68.8	49.8
75-79 years-----	67.7	87.2	54.9	67.3	86.9	54.4	73.7	90.1	61.2
80-84 years-----	98.1	123.7	83.2	99.8	126.7	84.3	78.0	91.7	68.6
85 years and over---	174.5	199.4	162.0	179.2	205.1	166.4	124.1	141.9	112.0

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

## MONTHLY VITAL STATISTICS REPORT

Table 7. DEATHS FOR SELECTED CAUSES: UNITED STATES, 1968-73

[For 1972 and 1973, based on a 10-percent sample of deaths; for all other years, based on final data.]

Cause of death	Number					
	1973	1972	1971	1970	1969	1968
All causes-----	1,977,000	1,962,000	1,927,542	1,921,031	1,921,990	1,930,082
Bacillary dysentery and amebiasis-----004-006	90	70	84	89	94	111
Enteritis and other diarrheal diseases-----008-009	2,370	2,180	2,466	2,567	2,612	2,940
Tuberculosis, all forms-----010-019	3,870	4,550	4,501	5,217	5,567	6,292
Tuberculosis of respiratory system-----010-012	3,000	3,580	3,590	4,162	4,492	5,009
Tuberculosis, other forms-----013-019	870	970	911	1,055	1,075	1,283
Whooping cough-----033	10	-	18	12	13	36
Streptococcal sore throat and scarlet fever-----034	20	-	23	29	41	28
Meningococcal infections-----038	290	420	509	550	744	741
Septicemia-----040-043	4,290	4,180	3,907	3,535	3,009	2,991
Acute poliomyelitis-----040-043	20	20	18	7	13	24
Measles-----055	10	-	90	89	41	24
Infectious hepatitis-----070	700	700	906	1,014	1,011	877
Syphilis and its sequelae-----090-097	410	320	375	461	543	586
Other infective and parasitic diseases-----Remainder of 000-136	3,350	3,360	3,130	3,079	3,103	3,126
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	353,440	346,930	337,398	330,730	323,092	318,547
Malignant neoplasms of buccal cavity and pharynx-----140-149	8,350	7,520	7,725	7,512	7,553	7,284
Malignant neoplasms of digestive organs and peritoneum-----150-159	97,610	97,180	94,914	94,703	93,986	93,563
Malignant neoplasms of respiratory system-----160-163	78,330	76,860	72,898	69,517	66,038	63,485
Malignant neoplasm of breast-----174	31,980	31,070	30,277	29,917	29,083	29,081
Malignant neoplasms of genital organs-----180-187	42,460	42,470	42,017	41,190	41,008	40,936
Malignant neoplasms of urinary organs-----188,189	16,810	15,520	15,288	15,514	14,897	14,792
Malignant neoplasms of all other and unspecified sites-----170-173,190-199	43,020	41,870	40,685	39,068	37,825	37,247
Leukemia-----204-207	15,050	14,630	14,469	14,492	14,450	14,375
Other neoplasms of lymphatic and hematopoietic tissues-----200-203,208,209	19,830	19,810	19,125	18,717	18,252	17,774
Benign neoplasms and neoplasms of unspecified nature-----210-239	5,540	5,870	4,958	4,828	4,677	4,948
Diabetes mellitus-----230	36,450	39,070	38,256	38,324	38,341	38,352
Avitaminoses and other nutritional deficiencies-----260-269	2,350	2,400	2,537	2,470	2,534	2,543
Anemias-----280-285	3,250	3,060	3,449	3,427	3,318	3,484
Meningitis-----320	1,600	1,350	1,553	1,701	1,719	1,707
Major cardiovascular diseases-----390-448	1,037,460	1,028,560	1,017,145	1,007,984	1,013,015	1,023,399
Diseases of heart-----390-398,402,404,410-429	754,460	752,450	743,368	735,542	739,265	744,658
Active rheumatic fever and chronic rheumatic heart disease-----390-393	13,580	14,090	14,664	14,889	15,432	16,358
Hypertensive heart disease-----402	7,810	7,570	7,860	8,413	8,976	9,811
Hypertensive heart and renal disease-----404	5,390	5,550	6,190	6,578	7,310	7,887
Ischemic heart disease-----410-413	682,910	683,100	674,292	666,665	669,829	674,747
Acute myocardial infarction-----410	348,010	357,590	357,714	357,241	361,583	369,610
Other acute and subacute forms of ischemic heart disease-----411	4,330	4,400	4,027	4,246	4,677	4,691
Chronic ischemic heart disease-----412	330,440	320,950	312,351	304,962	303,362	300,216
Angina pectoris-----413	130	160	200	216	207	230
Chronic disease of endocardium and other myocardial insufficiency-----424,428	4,870	5,330	6,132	6,705	7,475	7,836
All other forms of heart disease-----420-423,425-427,429	39,900	36,810	34,250	32,292	30,243	28,019
Hypertension-----400,401,403	8,010	7,680	7,837	8,273	8,426	9,063
Cerebrovascular diseases-----430-438	214,650	210,050	209,092	207,166	207,179	211,390
Cerebral hemorrhage-----431	13,270	16,380	18,563	14,379	15,303	17,002
Cerebral thrombosis-----433	56,260	56,460	57,229	57,845	58,748	60,331
Cerebral embolism-----434	940	890	954	884	1,005	1,136
All other cerebrovascular diseases-----430,432,435-438	123,180	116,120	112,346	107,058	104,123	102,921
Arteriosclerosis-----440	33,430	31,521	31,821	31,682	33,063	33,568
Other diseases of arteries, arterioles, and capillaries-----441-448	26,910	25,560	25,327	25,321	25,082	24,720
Acute bronchitis and bronchiolitis-----466	810	1,080	1,154	1,310	1,286	1,432
Influenza and pneumonia-----470-474,480-486	61,160	61,160	57,194	62,739	68,365	73,492
Influenza-----470-474	4,970	5,010	1,504	3,707	5,971	7,062
Pneumonia-----480-486	56,190	56,150	55,690	59,032	62,394	66,430
Bronchitis, emphysema, and asthma-----490-493	30,280	28,760	30,284	30,889	31,144	33,078
Chronic and unqualified bronchitis-----490,491	5,810	5,360	5,591	5,846	5,843	6,205
Emphysema-----492	22,540	21,310	22,539	22,721	22,939	24,185
Asthma-----493	1,930	2,090	2,154	2,322	2,362	2,688
Peptic ulcer-----531-533	7,830	7,660	8,120	8,607	9,312	9,460
Appendicitis-----540-543	940	1,130	1,295	1,397	1,407	1,485
Hernia and intestinal obstruction-----550-553,560	6,710	6,280	6,989	7,235	7,500	7,758
Cirrhosis of liver-----571	33,630	32,760	31,808	31,399	29,866	29,183
Cholelithiasis, cholecystitis and cholangitis-----574,575	3,280	3,630	3,735	3,973	4,262	4,385
Nephritis and nephrosis-----580-584	7,740	8,190	8,443	8,877	9,417	9,311
Acute nephritis and nephrotic syndrome-----580,581	1,380	1,550	1,373	1,354	1,392	1,294
Chronic and unqualified nephritis and renal sclerosis-----582-584	6,360	6,640	7,070	7,523	8,025	8,017
Infections of kidney-----590	6,100	7,010	7,558	8,190	8,750	9,395
Hyperplasia of prostate-----600	1,700	1,900	1,918	2,168	2,499	2,647
Complications of pregnancy, childbirth, and the puerperium-----630-678	470	780	668	803	801	859
Abortions-----640-645	10	140	99	128	132	133
Other complications of pregnancy, childbirth, and the puerperium-----630-639,650-678	460	640	569	675	669	726
Congenital anomalies-----740-759	13,940	15,050	15,957	16,824	17,008	16,793
Certain causes of mortality in early infancy-----760-769,2,769.4-772,774-778	31,030	34,240	38,494	43,205	43,171	43,840
Birth injury, difficult labor, and other anoxic and hypoxic conditions-----764-768,772,776	17,790	18,940	20,992	22,801	21,939	22,132
Other causes of mortality in early infancy-----Remainder of 760-778	13,240	15,300	17,502	20,404	21,232	21,708
Symptoms and ill-defined conditions-----780-796	38,310	36,170	26,534	25,781	26,160	23,656
All other diseases-----Residual	112,700	110,910	104,680	101,128	97,982	97,305
Accidents-----E800-E949	115,040	113,670	113,439	114,638	116,385	114,864
Motor vehicle accidents-----E810-E823	55,680	56,630	54,381	54,839	55,791	56,322
All other accidents-----E800-E807,E825-E949	59,350	57,080	59,058	60,005	60,594	60,002
Suicide-----E950-E959	24,440	24,280	24,092	23,480	22,364	21,372
Homicide-----E960-E978	19,700	18,880	18,787	18,848	15,477	14,686
Other external causes-----E980-E999	5,370	5,690	5,070	5,427	5,147	4,315

# MONTHLY VITAL STATISTICS REPORT

Table 8. DEATH RATES FOR SELECTED CAUSES: UNITED STATES, 1968-73

[For 1972 and 1973, 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					
	1973	1972	1971	1970	1969	1968
<b>All causes-----</b>	<b>942.1</b>	<b>942.2</b>	<b>932.2</b>	<b>945.3</b>	<b>951.9</b>	<b>965.7</b>
Bacillary dysentery and amebiasis-----004-006	0.0	0.0	0.0	0.0	0.0	0.1
Enteritis and other diarrheal diseases-----008-009	1.1	1.0	1.2	1.3	1.3	1.5
Tuberculosis, all forms-----010-019	1.8	2.2	2.2	2.6	2.8	3.1
Tuberculosis of respiratory system-----010-012	1.4	1.7	1.7	2.0	2.2	2.5
Tuberculosis, other forms-----013-019	0.4	0.5	0.4	0.5	0.5	0.6
Whooping cough-----033	0.0	-	0.0	0.0	0.0	0.0
Streptococcal sore throat and scarlet fever-----034	0.0	-	0.0	0.0	0.0	0.0
Meningococcal infections-----036	0.1	0.2	0.2	0.3	0.4	0.4
Septicemia-----038	2.0	2.0	1.9	1.7	1.5	1.5
Acute poliomyelitis-----040-043	0.0	0.0	0.0	0.0	0.0	0.0
Measles-----055	0.0	-	0.0	0.0	0.0	0.0
Infectious hepatitis-----070	0.3	0.3	0.4	0.5	0.5	0.4
Syphilis and its sequelae-----090-097	0.2	0.2	0.2	0.2	0.3	0.3
Other infective and parasitic diseases-----Remainder of 000-136	1.6	1.6	1.5	1.5	1.5	1.6
<b>Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----</b>	<b>168.4</b>	<b>166.6</b>	<b>163.2</b>	<b>162.8</b>	<b>160.0</b>	<b>159.4</b>
Malignant neoplasms of buccal cavity and pharynx-----140-209	4.0	3.6	3.7	3.7	3.7	3.6
Malignant neoplasms of digestive organs and peritoneum-----150-159	46.5	46.7	45.9	46.6	46.5	46.8
Malignant neoplasms of respiratory system-----160-163	37.3	36.9	35.3	34.2	32.7	31.8
Malignant neoplasm of breast-----174	15.2	14.9	14.9	14.6	14.4	14.4
Malignant neoplasms of genital organs-----180-187	20.2	20.4	20.3	20.3	20.3	20.5
Malignant neoplasms of urinary organs-----188-189	8.0	7.5	7.4	7.6	7.4	7.4
Malignant neoplasms of all other and unspecified sites-----170-173,190-199	20.5	20.1	19.7	19.2	18.7	18.6
Leukemia-----204-207	7.2	7.0	7.0	7.1	7.2	7.2
Other neoplasms of lymphatic and hematopoietic tissues-----200-203,208,209	9.4	9.5	9.2	9.2	9.0	8.9
Benign neoplasms and neoplasms of unspecified nature-----210-239	2.6	2.8	2.4	2.4	2.3	2.5
Diabetes mellitus-----250	17.4	18.8	18.5	18.9	19.1	19.2
Avitaminoses and other nutritional deficiencies-----260-269	1.1	1.2	1.2	1.2	1.3	1.3
Anemias-----280-285	1.5	1.5	1.7	1.7	1.6	1.7
Meningitis-----320	0.8	0.6	0.8	0.8	0.9	0.9
<b>Major cardiovascular diseases-----</b>	<b>494.4</b>	<b>493.9</b>	<b>491.9</b>	<b>496.0</b>	<b>501.7</b>	<b>512.1</b>
Diseases of heart-----390-398,402,404,410-429	359.5	361.3	359.5	362.0	366.1	372.6
Active rheumatic fever and chronic rheumatic heart disease-----390-398	6.5	6.8	7.1	7.3	7.6	8.2
Hypertensive heart disease-----402	3.7	3.6	3.8	4.1	4.4	4.6
Hypertensive heart and renal disease-----404	2.6	2.7	3.0	3.2	3.6	3.9
Ischemic heart disease-----410-413	325.4	328.0	326.1	328.1	331.7	337.6
Acute myocardial infarction-----411	165.8	171.7	173.0	175.8	179.1	184.9
Other acute and subacute forms of ischemic heart disease-----411	2.1	2.1	1.9	2.1	2.3	2.3
Chronic ischemic heart disease-----412	157.5	154.1	151.1	150.1	150.2	150.2
Angina pectoris-----413	0.1	0.1	0.1	0.1	0.1	0.1
Chronic disease of endocardium and other myocardial insufficiency-----424,428	2.3	2.6	3.0	3.3	3.7	3.9
All other forms of heart disease-----420-423,425-427,429	19.0	17.7	16.6	15.9	15.0	14.0
Hypertension-----400,401,403	3.8	3.7	3.8	4.1	4.2	4.5
Cerebrovascular diseases-----430-438	102.3	100.9	101.1	101.9	102.6	105.8
Cerebral hemorrhage-----431	16.3	17.6	18.6	20.4	21.4	23.5
Cerebral thrombosis-----433	26.8	27.1	27.7	28.5	29.1	30.2
Cerebral embolism-----434	0.4	0.4	0.5	0.4	0.5	0.6
All other cerebrovascular diseases-----430,432,435-438	58.7	55.8	54.3	52.7	51.6	51.5
Arteriosclerosis-----440	15.9	15.8	15.2	15.6	16.4	16.8
Other diseases of arteries, arterioles, and capillaries-----441-448	12.8	12.3	12.2	12.5	12.4	12.4
Acute bronchitis and bronchiolitis-----466	0.4	0.5	0.6	0.6	0.6	0.7
Influenza and pneumonia-----470-474,480-486	29.1	29.4	27.7	30.9	33.9	36.8
Influenza-----470-474	2.4	2.4	0.7	1.8	3.0	3.5
Pneumonia-----480-486	26.8	27.0	26.9	29.0	30.9	33.2
Bronchitis, emphysema, and asthma-----490-493	14.4	13.8	14.6	15.2	15.4	16.6
Chronic and unqualified bronchitis-----490,491	2.8	2.6	2.7	2.9	3.1	3.1
Emphysema-----492	10.7	10.2	10.9	11.2	11.4	12.1
Asthma-----493	0.9	0.9	0.9	1.0	1.0	1.3
Peptic ulcer-----531-533	3.7	3.7	3.9	4.2	4.6	4.7
Appendicitis-----540-543	0.4	0.5	0.6	0.7	0.7	0.7
Hernia and intestinal obstruction-----550-553,560	3.2	3.0	3.4	3.6	3.7	3.9
Cirrhosis of liver-----574	16.0	15.7	15.4	15.5	14.8	14.6
Cholelithiasis, cholecystitis and cholangitis-----574,575	1.6	1.7	1.8	2.0	2.1	2.2
Nephritis and nephrosis-----580-584	3.7	3.9	4.1	4.4	4.7	4.7
Acute nephritis and nephrotic syndrome-----580,581	0.7	0.7	0.7	0.7	0.7	0.6
Chronic and unqualified nephritis and renal sclerosis-----582-584	3.0	3.2	3.4	3.7	4.0	4.0
Infections of kidney-----590	2.9	3.4	3.7	4.0	4.3	4.7
Hyperplasia of prostate-----600	0.8	0.9	0.9	1.1	1.2	1.3
Complications of pregnancy, childbirth, and the puerperium-----630-678	0.2	0.4	0.3	0.4	0.4	0.4
Abortions-----640-645	0.0	0.1	0.0	0.1	0.1	0.1
Other complications of pregnancy, childbirth, and the puerperium-----630-639,650-678	0.2	0.3	0.3	0.3	0.3	0.4
Congenital anomalies-----740-759	6.6	7.2	7.7	8.3	8.4	8.4
Certain causes of mortality in early infancy-----760-769,2,769.4-772,774-778	14.8	16.4	18.6	21.3	21.4	21.9
Birth injury, difficult labor, and other anoxic and hypoxic conditions-----764-768,772,776	8.5	9.1	10.2	11.2	10.9	11.1
Other causes of mortality in early infancy-----Remainder of 760-778	6.3	7.3	8.5	10.0	10.5	10.9
Symptoms and ill-defined conditions-----780-796	18.3	17.4	12.8	12.7	13.0	11.8
All other diseases-----Residual	53.7	53.3	50.6	49.8	48.5	48.7
<b>Accidents-----E800-E949</b>	<b>54.8</b>	<b>54.6</b>	<b>54.9</b>	<b>56.4</b>	<b>57.6</b>	<b>57.5</b>
Motor vehicle accidents-----E810-E823	26.5	27.2	26.3	26.9	27.6	27.5
All other accidents-----E800-E807,E825-E949	28.3	27.4	28.6	29.5	30.0	30.0
Suicide-----E950-E959	11.6	11.7	11.7	11.6	11.1	10.7
Homicide-----E960-E978	9.4	9.1	9.1	8.3	7.7	7.3
Other external causes-----E980-E999	2.6	2.7	2.5	2.7	2.5	2.2

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