

Monthly Vital Statistics Report



Provisional Data From the CENTERS FOR DISEASE CONTROL AND PREVENTION/National Center for Health Statistics

Births, Marriages, Divorces, and Deaths for July 1994

Mortality Surveillance System

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**Malignant neoplasms of trachea, bronchus, and lung:
65 years and over by sex and race**

State Maps
pages 8 and 9

Malignant neoplasms of respiratory and intrathoracic organs by sex

Births

According to provisional reports, an estimated 346,000 births occurred in the United States during July 1994. This was a 3-percent decrease from the provisional number of births reported for July 1993 (357,000). The birth rate, 15.6 live births per 1,000 population, was 4 percent lower than the rate of 16.3 for July 1993. The fertility rate, 68.7 live births per 1,000 women aged 15-44 years, was 4 percent lower than the comparable rate for July 1993 (71.2). The seasonally adjusted fertility rate (66.0) was also 4 percent lower than the comparable rate for July 1993 (68.4).

During the first 7 months of 1994, an estimated 2,296,000 births occurred, a 2-percent decrease from the 2,333,000 reported for the first 7 months of 1993. The birth rate declined by 3 percent from 15.6 in 1993 to 15.2 in 1994. The fertility rate for the first 7 months of 1994 was 66.7, 2 percent lower than the rate for the same period of 1993 (68.0).

An estimated 4,001,000 live births occurred in the 12-month period ending with July 1994, a decline of 1 percent from the 4,043,000 births reported for the same period a year earlier. The birth rate of 15.4 was 2 percent lower than the rate of 15.7 for the preceding 12 months. The fertility rate for the most

Provisional Vital Statistics for the United States

[Rates for infant deaths are deaths under 1 year per 1,000 live births; fertility rates are live births per 1,000 women aged 15-44 years; all other rates per 1,000 total population. Data are subject to monthly reporting variation; see Technical notes]

Item	July				January-July				12 months ending with July				
	Number		Rate		Number		Rate		Number		Rate		
	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1992
Live births	346,000	357,000	15.6	16.3	2,296,000	2,333,000	15.2	15.6	4,001,000	4,043,000	15.4	15.7	16.2
Fertility rate . . . . .	...	...	68.7	71.2	...	...	66.7	68.0	...	...	67.5	68.5	69.6
Deaths	184,000	184,000	8.3	8.4	1,357,000	1,344,000	9.0	9.0	2,280,000	2,227,000	8.8	8.7	8.6
Infant deaths	2,600	2,700	7.5	7.7	18,500	19,700	8.0	8.5	32,000	33,700	8.0	8.4	8.6
Natural increase	162,000	173,000	7.3	7.9	939,000	989,000	6.2	6.6	1,721,000	1,816,000	6.6	7.0	7.6
Marriages	222,000	235,000	10.0	10.7	1,312,000	1,296,000	8.8	8.7	2,350,000	2,345,000	9.1	9.1	9.3
Divorces	98,000	100,000	4.4	4.6	694,000	694,000	4.6	4.6	1,188,000	1,193,000	4.6	4.6	4.7
Population base (in millions) . . . . .	...	...	260.7	257.9	...	...	...	...	...	...	259.6	256.7	253.9

NOTES: Figures include revisions received from the States. Twelve-month figures for the current year reflect revisions received for previous months, and figures for earlier years may differ from those previously published.



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Public Health Service
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recent 12-month period was 67.5, 1 percent lower than the rate for the 12 months ending with July 1993 (68.5). These lower rates continue the generally downward trend observed since early 1991.

Natural increase

As a result of natural increase, the excess of births over deaths, an estimated 162,000 people or 7.3 persons per 1,000 population were added to the population during July 1994.

For the 12-month period ending with July 1994, 1,721,000 persons were added to the population. This represented a rate of natural increase of 6.6, 6 percent lower than the rate of 7.0 for the preceding 12-month period. The decline in the rate of natural increase was due to a decrease in the birth rate and a rise in the death rate.

Marriages

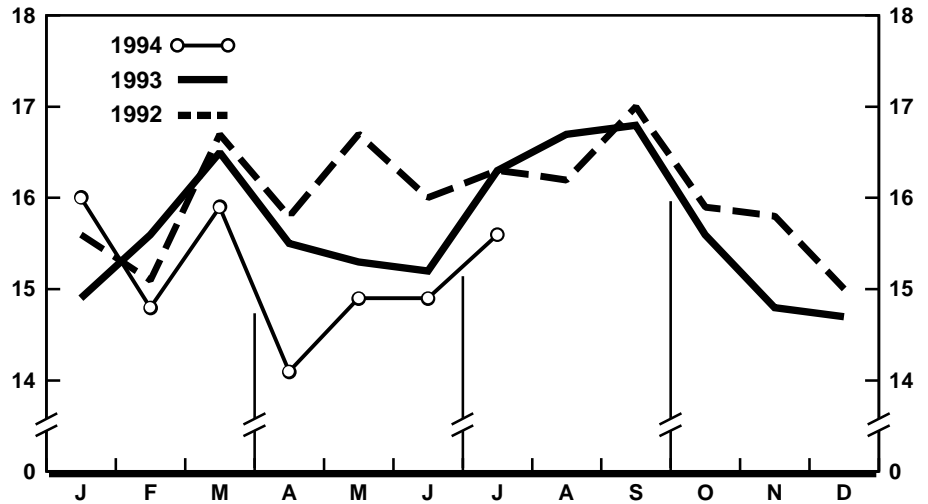
The estimated number of couples that married in July 1994 was 222,000, 6 percent fewer than in July 1993 (235,000). The marriage rate per 1,000 population for July was 7 percent lower in 1994 (10.0) than in 1993 (10.7).

Although the number of marriages was lower in July 1994, the cumulative number of marriages for January–July was 1 percent higher in 1994 (1,312,000) than in 1993 (1,296,000). The marriage rate for the 7-month period was also 1 percent higher in 1994 (8.8) than in 1993 (8.7).

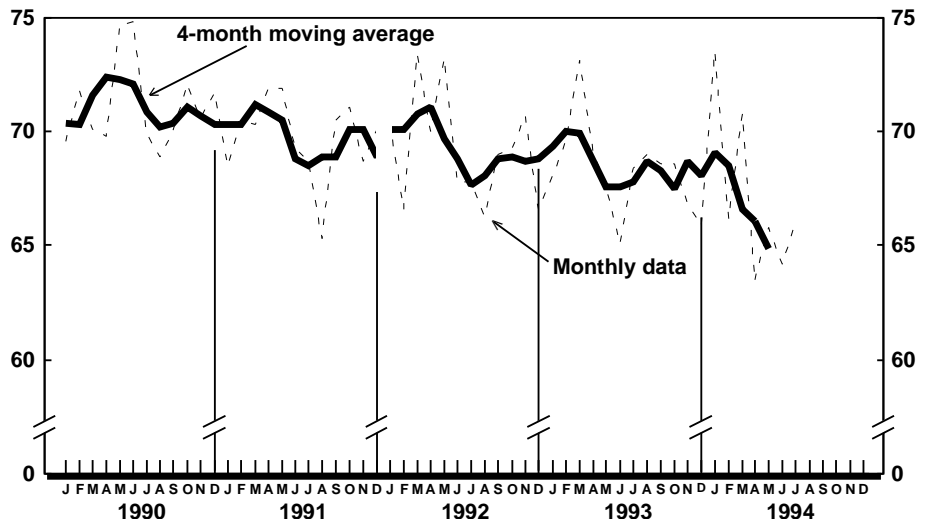
Marriages performed during the 12-month period ending with July 1994 numbered 2,350,000, an increase of less than 1 percent compared with the same period a year earlier (2,345,000). The 12-month marriage rate was 9.1 for the period ending with July 1993 and the period ending with July 1994.

Divorces

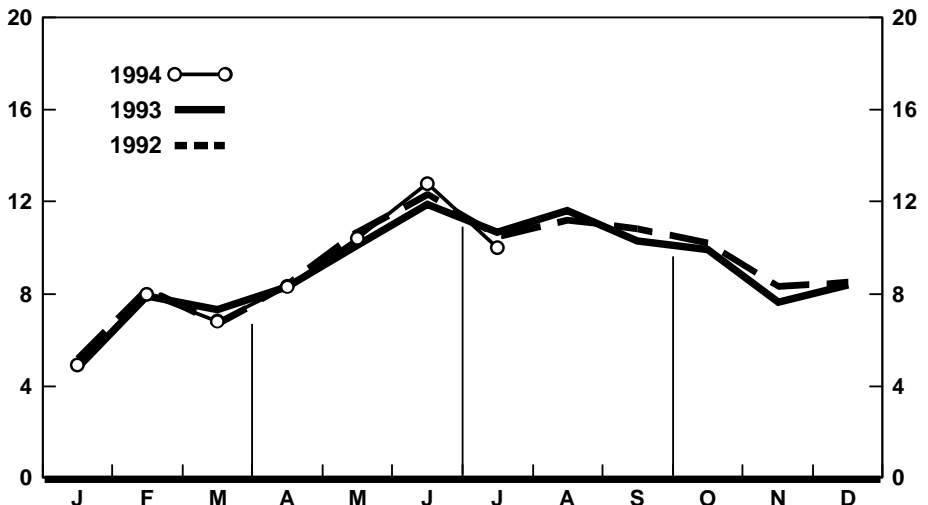
Approximately 98,000 couples divorced in July 1994 compared with 100,000 in July a year earlier—a 2-percent decline. The divorce rate per 1,000 population for July was 4 percent lower in 1994 (4.4) than in 1993 (4.6).



Provisional birth rates per 1,000 population by month: United States, 1992-94



Provisional seasonally adjusted fertility rates per 1,000 women aged 15-44 years: United States, 1990-94



Provisional marriage rates per 1,000 population by month: United States, 1992-94

The estimated number of divorces granted during the cumulative period of January–July 1994 (694,000) was the same as the estimated number for the same period in 1993. The divorce rate for the 7-month period was 4.6 in both years.

Divorces granted during the 12 months ending with July 1994 totaled 1,188,000, 5,000 fewer than for the same period a year earlier (1,193,000). Despite the slight decline in the number of divorces, the divorce rate was 4.6 in the current 12-month period and the period ending with July 1993.

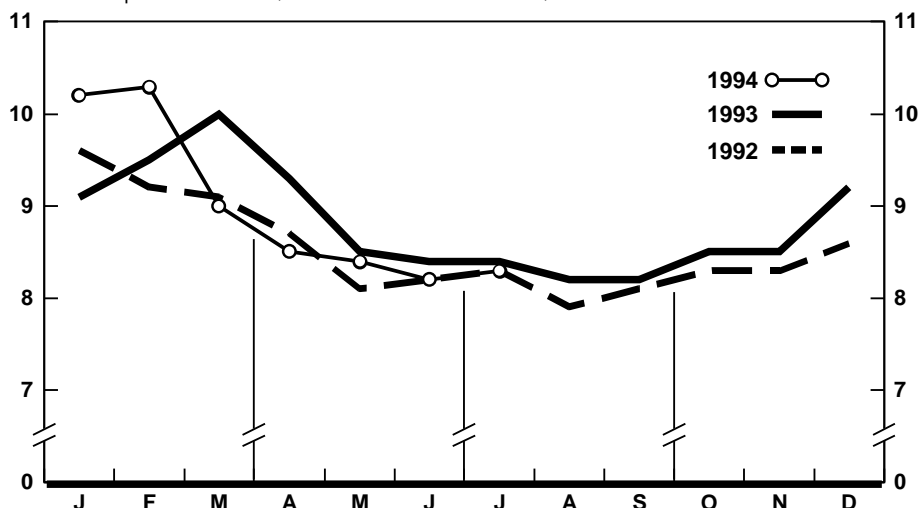
Deaths

For July 1994 there were an estimated 184,000 deaths in the United States. The death rate was 8.3 deaths per 1,000 population, 1 percent lower than the rate of 8.4 for July a year earlier. Among the 184,000 deaths for July 1994 were 2,600 deaths at ages under 1 year.

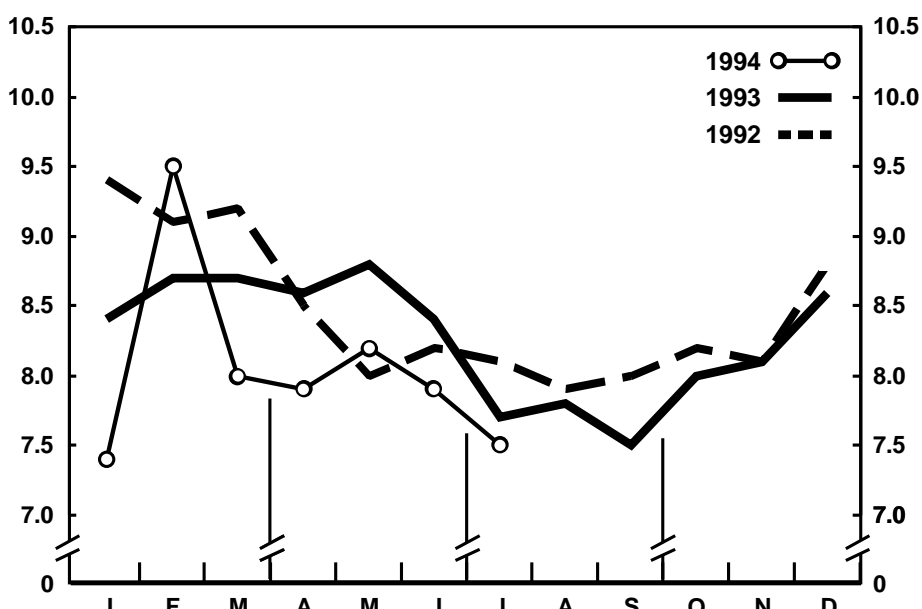
According to provisional statistics, there were 1,357,000 deaths during the first 7 months of 1994, 1 percent higher than the number estimated for the same months of 1993 (1,344,000). The death rate, 9.0 per 1,000 population, was the same as the rate for January–July 1993. Among the 1,357,000 deaths for January–July 1994 were 18,500 deaths at ages under 1 year, yielding an infant mortality rate of 8.0 per 1,000 live births. This rate was 6 percent lower than the rate of 8.5 for the first 7 months of 1993.

The death rate for the 12 months ending with July 1994 was 8.8 deaths per 1,000 population, 1 percent higher than the rate of 8.7 for the comparable period a year earlier. The infant mortality rate for the most recent 12-month period was 8.0 per 1,000 live births, 5 percent lower than the rate of 8.4 for the 12 months ending with July 1993.

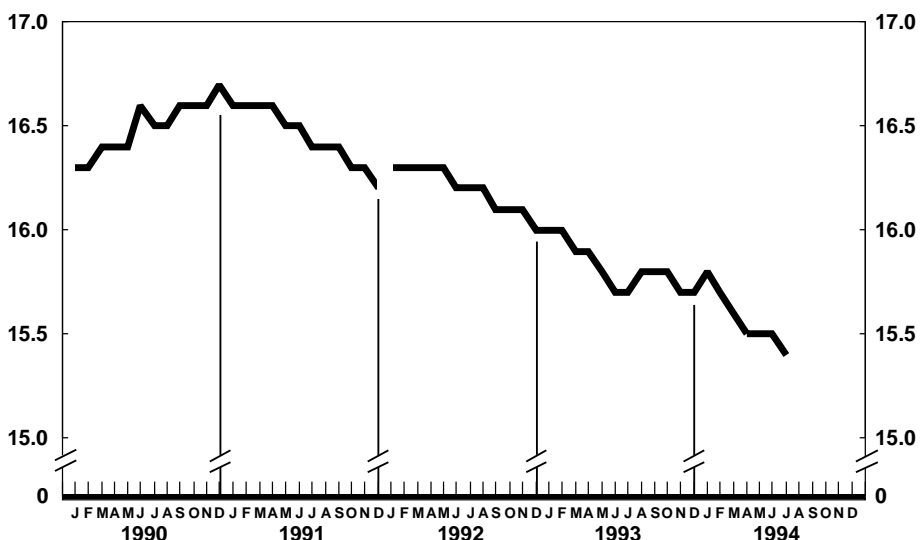
Current Mortality Sample, 12 months ending with June 1994—The provisional death rate for the 12 months ending with June 1994 was 878.8 per 100,000 population, 1 percent higher than the rate of 866.5 for the 12-month period ending June 1993. The provisional age-adjusted death rate for the 12-month period ending with June 1994 was 510.7 per 100,000 U.S. standard million population compared with a rate of 508.6 for the



Provisional death rates per 1,000 population by month: United States, 1992–94



Provisional infant mortality rates per 1,000 live births by month: United States, 1992–94



Provisional birth rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1990–94

12-month period ending with June 1993. The change in the age-adjusted death rate was not statistically significant. Age-adjusted death rates control for changes and variations in the age composition of the population; therefore, they are better indicators than crude rates for showing changes in mortality risk over time and for showing differences between race-sex groups within the population. For the four race-sex groups, the changes in the estimated age-adjusted death rates were not statistically significant. By age the death rate for the total population increased for the age group 85 years and over.

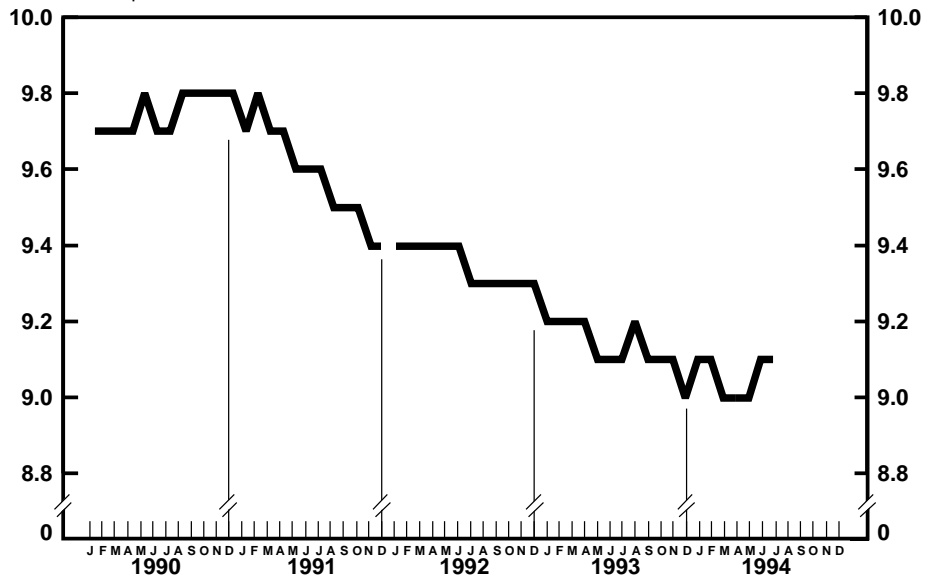
Among the major causes of death, the estimated death rate increased between the two successive 12-month periods for Accidents and adverse effects, Chronic obstructive pulmonary diseases and allied conditions, Pneumonia and influenza, and Human immunodeficiency virus infection.

The death rate for injury by firearms for the 12 months ending with June 1994 was 15.1 per 100,000 population, 5 percent higher than the rate of 14.4 for the comparable period a year earlier.

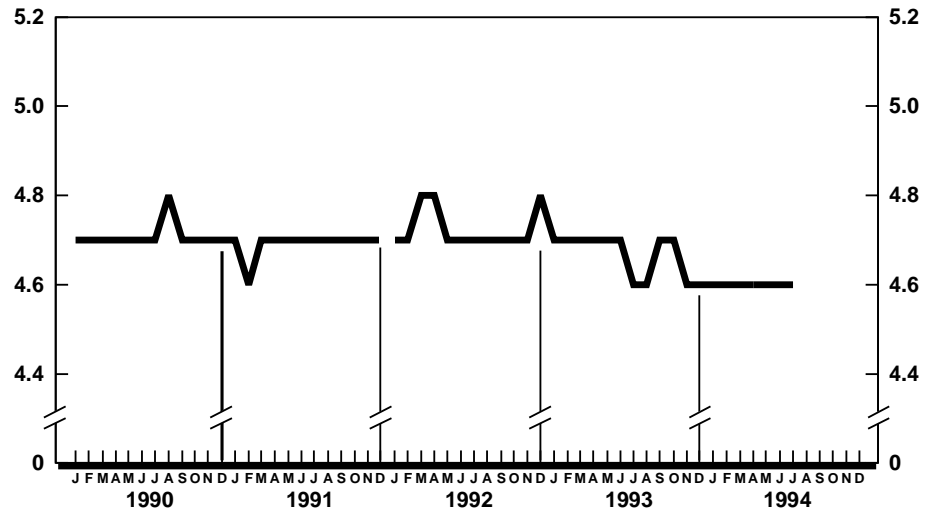
The infant mortality rate for the 12 months ending with June 1994 was 805.7 per 100,000 live births, 4 percent lower than the rate of 842.1 for the comparable period a year earlier. For infants under 28 days, the 12-month rate ending with June 1994 was 516.2 compared with a rate of 527.8 for the 12-month period a year earlier. The change in the mortality rate for infants under 28 days was not statistically significant. The infant mortality rate for infants 28 days to 11 months was 289.0, 8 percent lower than the rate of 314.2 for the 12-month period a year earlier.

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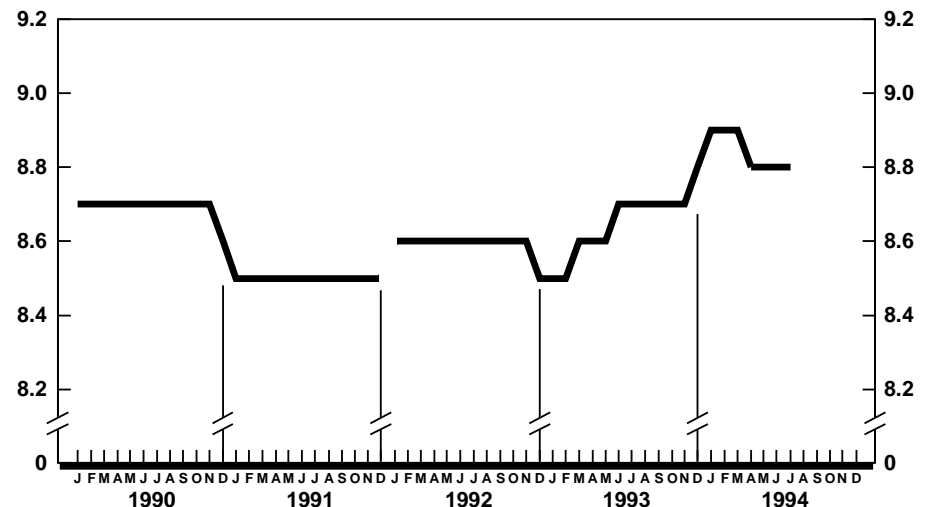
Discussed this month are recent trends in death rates for Malignant neoplasms of trachea, bronchus, and lung (lung cancer) for the black and white populations by sex for ages 65 years and over. In this issue final mortality data are analyzed for data year 1991 and provisional data from January 1985 to December 1993.



Provisional marriage rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1990-94



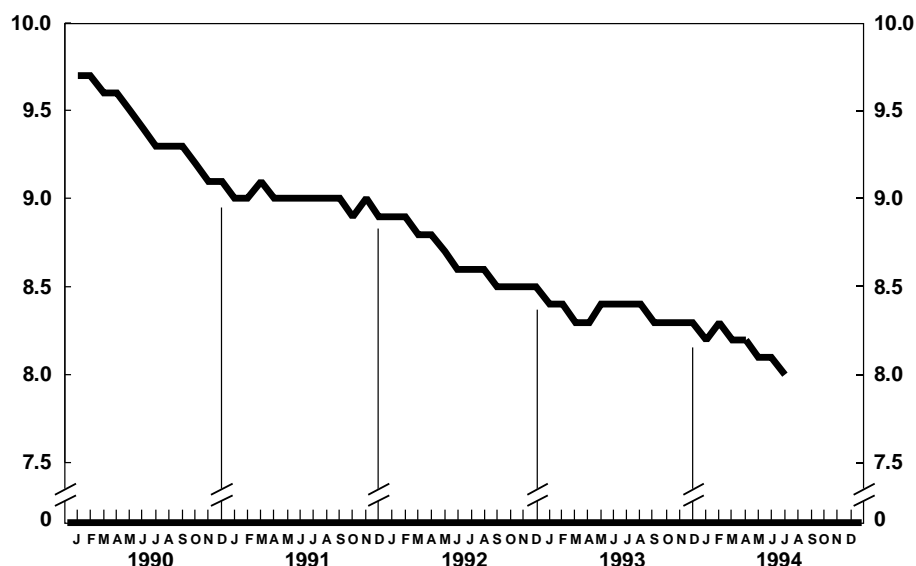
Provisional divorce rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1990-94



Provisional death rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1990-94

In 1991, lung cancer, a major cause of cancer mortality, accounted for 96,307 deaths. It accounted for 6 percent of all deaths and 27 percent of all cancer mortality for persons aged 65 years and over. Among black women aged 65 years and over, lung cancer accounted for 2,626 deaths or 3 percent of all deaths and 17 percent of all cancer deaths for these women. Among white women lung cancer accounted for 32,053 deaths or 4 percent of all deaths and 21 percent of all cancer deaths for this age-race-sex group. Among black men aged 65 years and over, lung cancer accounted for 5,899 deaths or 9 percent of all deaths and 31 percent of all cancer deaths for these men. Among white men lung cancer accounted for 54,674 deaths or 8 percent of all deaths and 33 percent of all cancer deaths for this age-race-sex group.

Based on 1991 final data, the death rate for lung cancer for black men aged 65 years and over was 1.3 times the rate for white men and 3.6 times the rate for black women in this age group. For white women aged 65 years and over, the death rate for lung cancer was 1.1 times the rate for black women in this age group. The rate for white men was 2.5 times the rate for white women. Trends based on provisional data for lung cancer for these demographic groups are presented in the Mortality Surveillance System charts and accompanying text that follow.

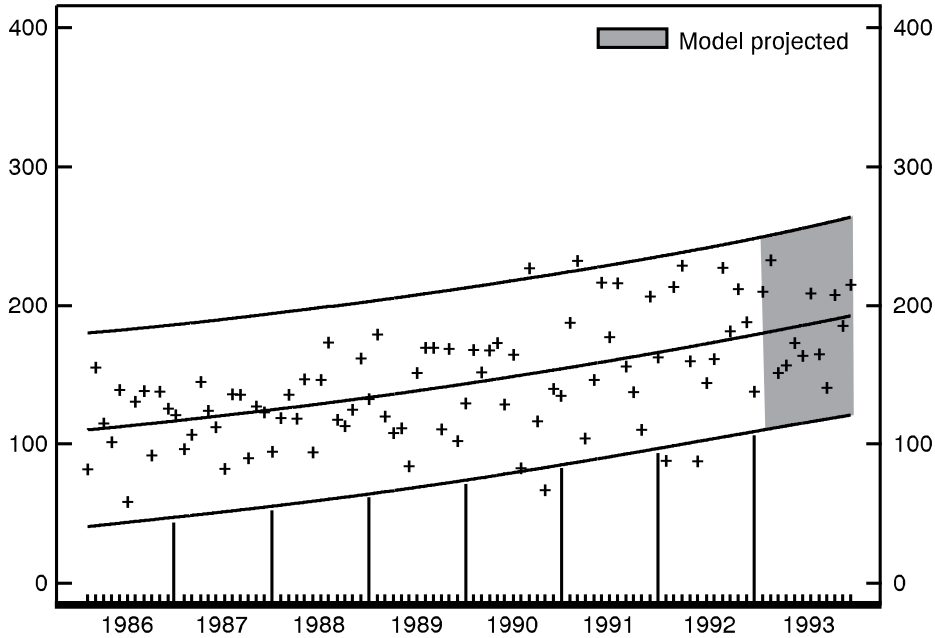


Provisional infant mortality rates per 1,000 live births for successive 12-month periods ending with month indicated: United States, 1990-94

Mortality Surveillance System charts

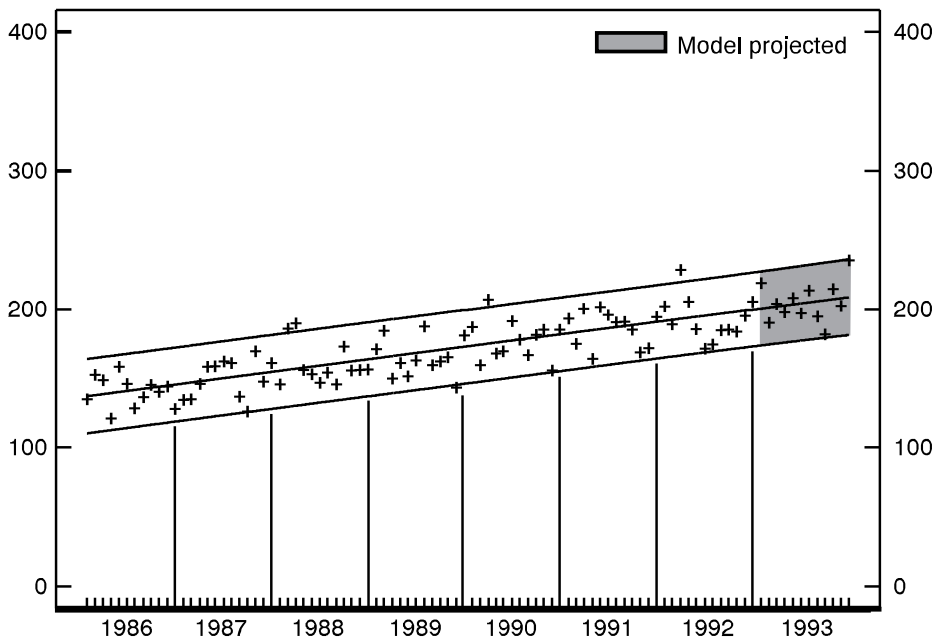
[Observed and fitted provisional monthly death rates and 95-percent prediction intervals. Model fitted using death rates for January 1985–December 1992; projected for January 1993–December 1993. See Technical notes]

Trends in mortality from Malignant neoplasms of trachea, bronchus, and lung are presented in the charts below. Slowing the rise of mortality from lung cancer excluding trachea and bronchus is addressed in *Healthy People 2000* (objectives 3.2 and 16.2) (1).



Provisional death rates per 100,000 black females 65 years of age and over for Malignant neoplasms of trachea, bronchus, and lung, by month: United States, 1986–93

- For the modeled period, provisional death rates increased.
- For the projection period, observed provisional monthly death rates fell within 95-percent prediction intervals.



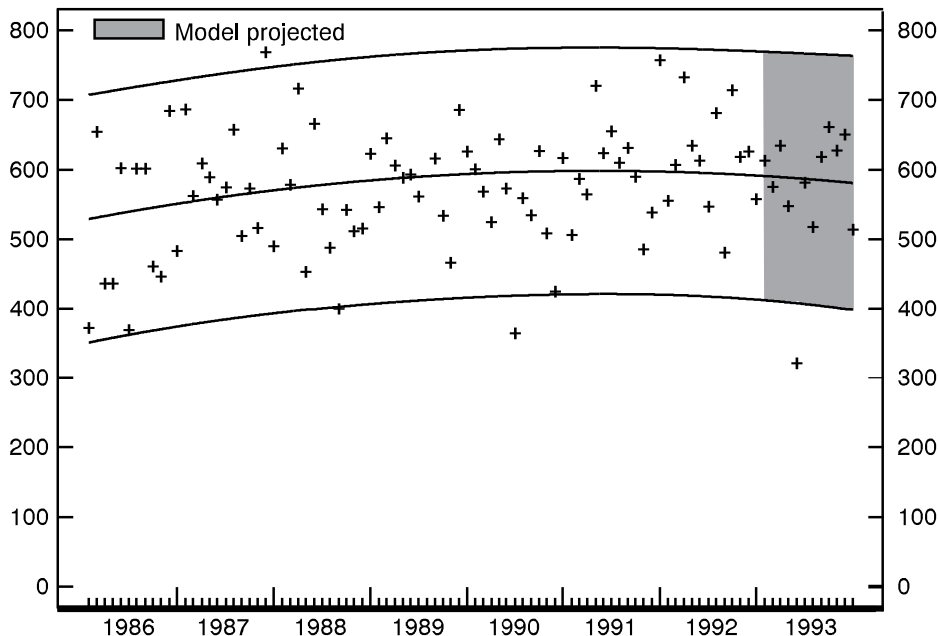
Provisional death rates per 100,000 white females 65 years of age and over for Malignant neoplasms of trachea, bronchus, and lung, by month: United States, 1986–93

- For the modeled period, provisional death rates increased.
- For the projection period, observed provisional monthly death rates, except for 1 month, fell within 95-percent prediction intervals.

Mortality Surveillance System charts—Con.

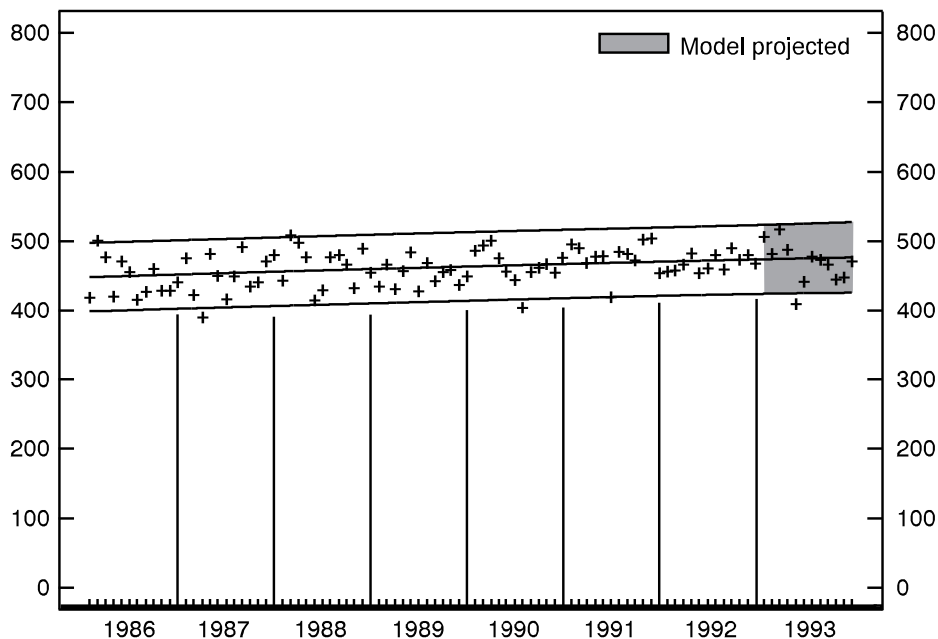
[Observed and fitted provisional monthly death rates and 95-percent prediction intervals. Model fitted using death rates for January 1985–December 1992; projected for January 1993–December 1993. See Technical notes]

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Provisional death rates per 100,000 black males 65 years of age and over for Malignant neoplasms of trachea, bronchus, and lung, by month: United States, 1986–93

- For the modeled period, provisional death rates increased through 1990, leveled off, and then decreased slightly.
- For the projection period, observed provisional monthly death rates, except for one month, fell within 95-percent prediction intervals.

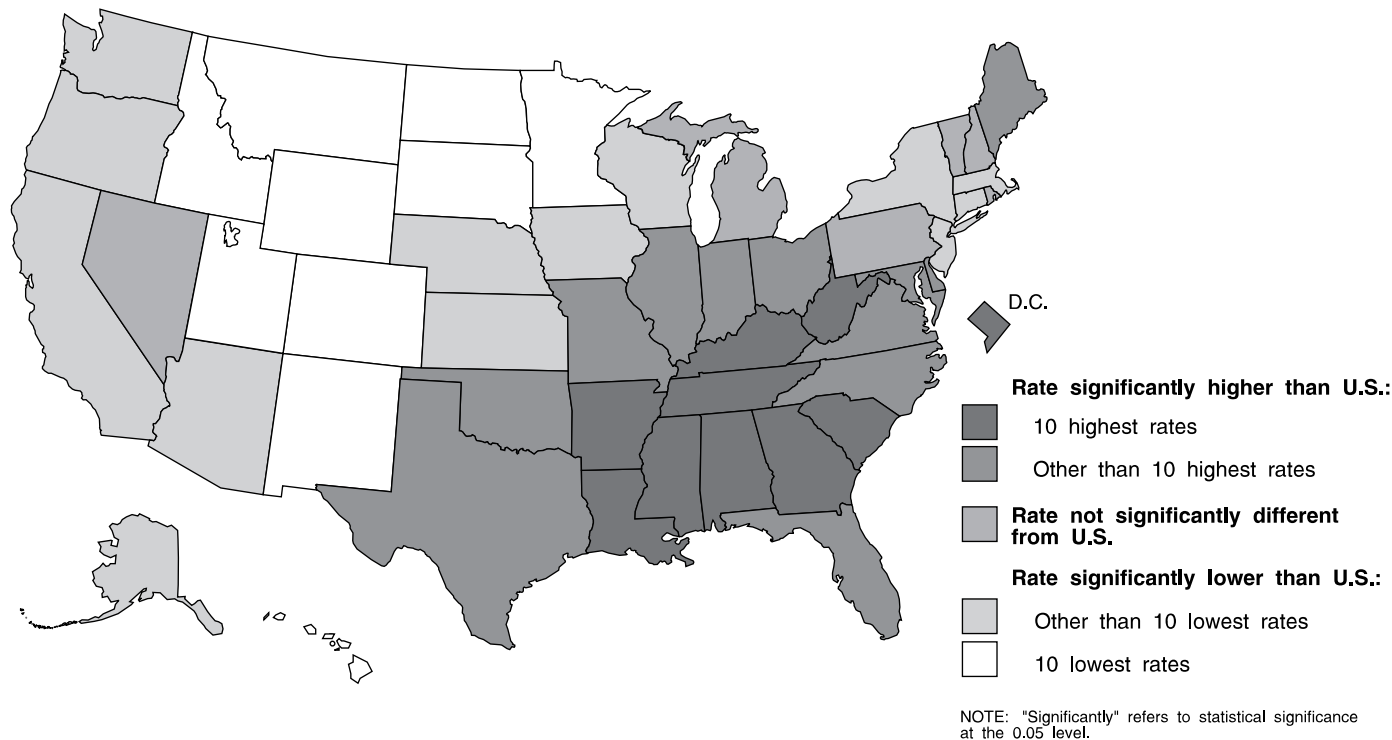


Provisional death rates per 100,000 white males 65 years of age and over for Malignant neoplasms of trachea, bronchus, and lung, by month: United States, 1986–93

- For the modeled period, provisional death rates increased slightly.
- For the projection period, observed provisional monthly death rates, except for 1 month, fell within 95-percent prediction intervals.

Final 3-year total number of deaths and average annual age-adjusted death rates and 95-percent confidence limits for Malignant neoplasms of respiratory and intrathoracic organs for males: United States and each State, 1989–91

[Data are final by State of residence]

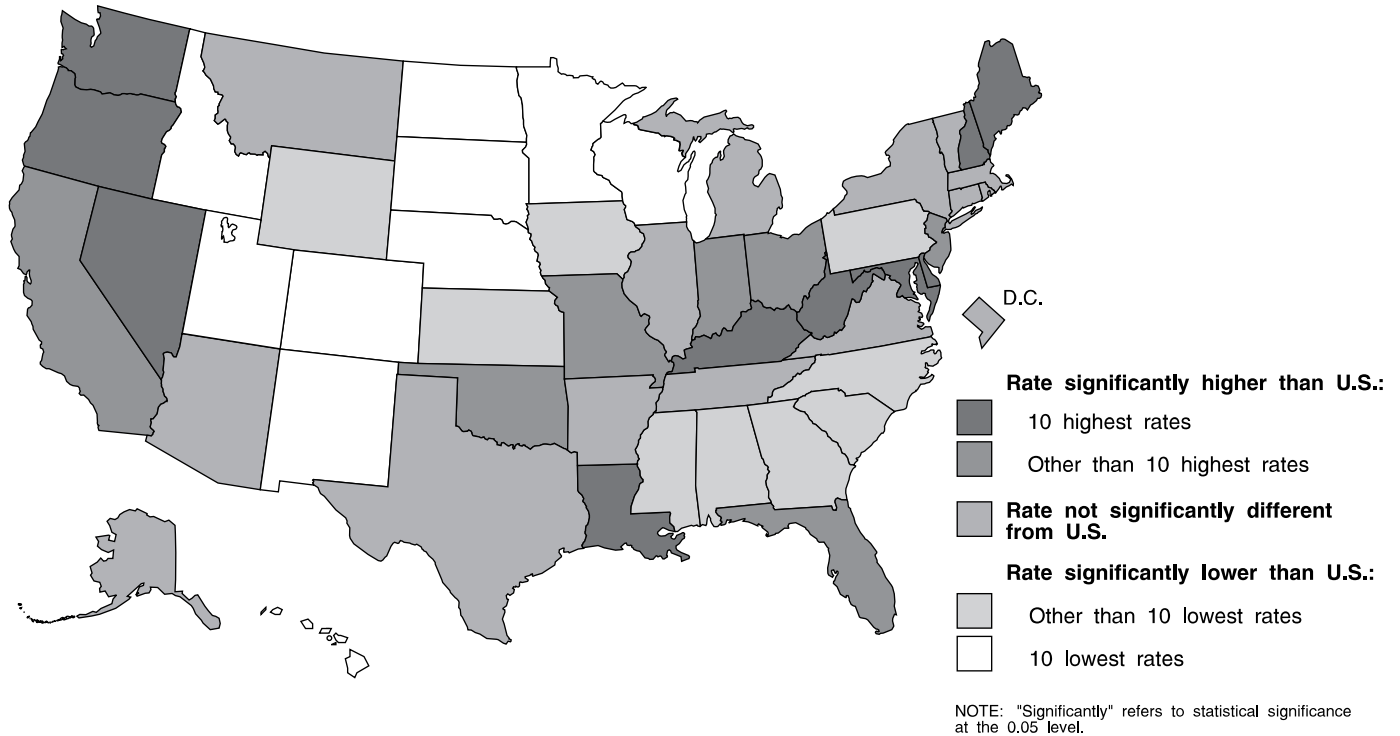


Area	Deaths, 3-year total (final)	Age-adjusted rate (final)	95-percent confidence limits		Area	Deaths, 3-year total (final)	Age-adjusted rate (final)	95-percent confidence limits	
			Lower	Upper				Lower	Upper
United States	283,540	60.7	60.5	60.9	South Atlantic—Con.				
New England					West Virginia	2,935	††76.1	73.2	79.0
Maine	1,609	††66.1	62.8	69.4	North Carolina	8,555	††72.0	70.4	73.6
New Hampshire	1,144	58.7	55.2	62.2	South Carolina	4,317	††73.3	71.1	75.5
Vermont	598	58.1	53.3	62.9	Georgia	7,446	††74.9	73.2	76.6
Massachusetts	6,439	††55.3	53.9	56.7	Florida	20,389	††62.3	61.4	63.2
Rhode Island	1,258	60.9	57.4	64.4	East South Central				
Connecticut	3,443	††51.8	50.0	53.6	Kentucky	5,867	††85.4	83.2	87.6
Middle Atlantic					Tennessee	7,139	††78.8	76.9	80.7
New York	18,949	††55.2	54.4	56.0	Alabama	5,665	††75.3	73.3	77.3
New Jersey	8,993	††58.2	57.0	59.4	Mississippi	3,526	††76.6	74.0	79.2
Pennsylvania	15,674	60.4	59.4	61.4	West South Central				
East North Central					Arkansas	3,860	††78.3	75.7	80.9
Ohio	13,747	††66.0	64.9	67.1	Louisiana	5,696	††81.0	78.8	83.2
Indiana	7,152	††68.7	67.1	70.3	Oklahoma	4,291	††68.8	66.7	70.9
Illinois	13,073	†62.0	60.9	63.1	Texas	17,015	††62.8	61.8	63.8
Michigan	10,341	60.8	59.6	62.0	Mountain				
Wisconsin	4,912	††49.9	48.4	51.4	Montana	841	††48.5	45.1	51.9
West North Central					Idaho	793	††41.1	38.1	44.1
Minnesota	3,784	††45.3	43.8	46.8	Wyoming	353	††44.3	39.6	49.0
Iowa	3,417	††55.4	53.4	57.4	Colorado	2,405	††44.1	42.3	45.9
Missouri	7,097	††69.0	67.3	70.7	New Mexico	1,082	††39.9	37.5	42.3
North Dakota	618	††44.9	41.1	48.7	Arizona	3,641	††49.2	47.5	50.9
South Dakota	719	††46.5	42.9	50.1	Utah	675	††27.4	25.3	29.5
Nebraska	1,702	††52.7	50.0	55.4	Nevada	1,378	60.0	56.8	63.2
Kansas	2,866	††57.5	55.3	59.7	Pacific				
South Atlantic					Washington	4,950	††54.2	52.6	55.8
Delaware	900	††71.9	67.1	76.7	Oregon	3,390	††56.1	54.1	58.1
Maryland	5,407	††66.7	64.9	68.5	California	24,692	††49.6	49.0	50.2
District of Columbia	769	††75.4	69.9	80.9	Alaska	274	†52.6	46.3	58.9
Virginia	6,934	††66.9	65.3	68.5	Hawaii	820	††38.9	36.1	41.7

NOTES: Data are final. Rates per 100,000 U.S. standard million population; see Technical notes. The symbols † and †† denote statistical significance of the difference between the U.S. and State rates at the 0.05 and 0.01 levels, respectively. For method of computation of rates, confidence limits, and tests of statistical significance, see Technical notes.

Final 3-year total number of deaths and average annual age-adjusted death rates and 95-percent confidence limits for Malignant neoplasms of respiratory and intrathoracic organs for females: United States and each State, 1989–91

[Data are final by State of residence]



Area	Deaths, 3-year total (final)	Age-adjusted rate (final)	95-percent confidence limits		Area	Deaths, 3-year total (final)	Age-adjusted rate (final)	95-percent confidence limits	
			Lower	Upper				Lower	Upper
United States	154,246	26.1	26.0	26.2	South Atlantic—Con.				
New England					West Virginia	1,502	††30.1	28.4	31.8
Maine	943	††31.4	29.2	33.6	North Carolina	3,517	††22.8	22.0	23.6
New Hampshire	673	†29.0	26.6	31.4	South Carolina	1,789	††23.4	22.2	24.6
Vermont	291	24.4	21.4	27.4	Georgia	3,185	††24.3	23.4	25.2
Massachusetts	4,184	26.9	26.0	27.8	Florida	11,383	††28.2	27.6	28.8
Rhode Island	685	25.2	23.1	27.3	East South Central				
Connecticut	2,166	25.6	24.4	26.8	Kentucky	2,836	††33.2	31.9	34.5
Middle Atlantic					Tennessee	3,011	26.2	25.2	27.2
New York	11,854	25.7	25.2	26.2	Alabama	2,281	††22.7	21.7	23.7
New Jersey	5,563	††27.5	26.7	28.3	Mississippi	1,427	††23.9	22.5	25.3
Pennsylvania	8,496	††24.7	24.1	25.3	West South Central				
East North Central					Arkansas	1,670	27.3	25.8	28.8
Ohio	7,455	††27.8	27.1	28.5	Louisiana	2,642	††28.9	27.7	30.1
Indiana	3,638	††27.5	26.5	28.5	Oklahoma	2,165	††28.1	26.8	29.4
Illinois	7,087	26.4	25.7	27.1	Texas	8,776	25.7	25.1	26.3
Michigan	5,572	26.6	25.9	27.3	Mountain				
Wisconsin	2,522	††21.6	20.7	22.5	Montana	465	25.0	22.5	27.5
West North Central					Idaho	472	††21.7	19.6	23.8
Minnesota	2,078	††20.9	19.9	21.9	Wyoming	201	†22.2	19.0	25.4
Iowa	1,608	††21.8	20.6	23.0	Colorado	1,334	††20.0	18.9	21.1
Missouri	3,580	†27.2	26.2	28.2	New Mexico	637	††20.1	18.4	21.8
North Dakota	302	††20.6	18.0	23.2	Arizona	2,229	25.4	24.2	26.6
South Dakota	328	††18.7	16.4	21.0	Utah	328	††11.4	10.1	12.7
Nebraska	860	††21.7	20.1	23.3	Nevada	892	††36.2	33.8	38.6
Kansas	1,406	††23.1	21.7	24.5	Pacific				
South Atlantic					Washington	3,121	††28.9	27.8	30.0
Delaware	501	††32.3	29.3	35.3	Oregon	2,154	††30.5	29.1	31.9
Maryland	3,130	††30.0	28.9	31.1	California	16,709	††27.3	26.9	27.7
District of Columbia	418	28.4	25.4	31.4	Alaska	162	29.8	25.2	34.4
Virginia	3,584	27.0	26.1	27.9	Hawaii	434	††18.7	16.9	20.5

NOTES: Data are final. Rates per 100,000 U.S. standard million population; see Technical notes. The symbols † and †† denote statistical significance of the difference between the U.S. and State rates at the 0.05 and 0.01 levels, respectively. For method of computation of rates, confidence limits, and tests of statistical significance, see Technical notes.

Table 1. Provisional number of live births, marriages, divorces, deaths, and infant deaths and rates, by month: United States, January 1993–July 1994

[Data are provisional and are subject to monthly reporting variation; see Technical notes]

Period	Live births				Marriages		Divorces		Deaths		Infant deaths	
	Number	Rate per 1,000 women aged 15–44 years			Number	Rate per 1,000 population	Number	Rate per 1,000 population	Number	Rate per 1,000 population	Number	Rate per 1,000 live births
		Rate per 1,000 population	Unadjusted	Seasonally adjusted ¹								
1993:												
January	325,000	14.9	64.7	68.1	103,000	4.8	92,000	4.2	198,000	9.1	2,800	8.4
February	308,000	15.6	68.0	69.6	154,000	7.9	87,000	4.4	187,000	9.5	2,700	8.7
March	360,000	16.5	71.7	73.1	157,000	7.3	113,000	5.2	217,000	10.0	3,000	8.7
April	328,000	15.5	67.5	69.1	174,000	8.3	98,000	4.6	196,000	9.3	2,800	8.6
May	335,000	15.3	66.8	67.7	221,000	10.1	103,000	4.7	185,000	8.5	2,900	8.8
June	321,000	15.2	66.1	65.1	252,000	11.9	101,000	4.8	178,000	8.4	2,700	8.4
July	357,000	16.3	71.2	68.4	235,000	10.7	100,000	4.6	184,000	8.4	2,700	7.7
August	367,000	16.7	73.0	69.0	254,000	11.6	100,000	4.6	180,000	8.2	2,700	7.8
September	356,000	16.8	73.3	68.6	218,000	10.3	101,000	4.8	174,000	8.2	2,600	7.5
October	344,000	15.6	68.4	68.6	218,000	9.9	102,000	4.7	188,000	8.5	2,800	8.0
November	316,000	14.8	64.9	66.9	162,000	7.6	94,000	4.4	180,000	8.5	2,600	8.1
December	323,000	14.7	64.3	65.9	185,000	8.4	96,000	4.4	202,000	9.2	2,800	8.6
1994:												
January	352,000	16.0	70.0	73.5	107,000	4.9	97,000	4.4	224,000	10.2	2,500	7.4
February	295,000	14.8	64.9	66.2	156,000	8.0	89,000	4.5	204,000	10.3	2,900	9.5
March	352,000	15.9	69.9	70.8	147,000	6.8	103,000	4.7	199,000	9.0	2,700	8.0
April	302,000	14.1	62.0	63.5	174,000	8.3	100,000	4.7	182,000	8.5	2,500	7.9
May	329,000	14.9	65.4	65.8	231,000	10.4	104,000	4.7	186,000	8.4	2,700	8.2
June	320,000	14.9	65.6	64.2	275,000	12.8	103,000	4.8	176,000	8.2	2,500	7.9
July	346,000	15.6	68.7	66.0	222,000	10.0	98,000	4.4	184,000	8.3	2,600	7.5

¹The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15 (1967 revision).

NOTE: Figures include all revisions received from the States and, therefore, may differ from those previously published.

Symbols

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

Table 2. Provisional number of live births and deaths: each division and State, July 1993 and 1994, and cumulative figures, 1992-94

[Data are estimates by State of residence; see Technical notes]

Area	Live births					Deaths				
	July		January-July			July		January-July		
	1994	1993	1994	1993	1992	1994	1993	1994	1993	1992
New England	110,747	17,002	177,378	105,417	113,648	9,493	9,470	68,050	70,304	68,814
Maine	1,196	1,000	8,343	8,567	9,257	1,098	1,092	6,506	6,725	6,379
New Hampshire	1,467	1,386	8,519	8,389	9,290	670	796	5,192	5,148	4,775
Vermont	537	583	3,942	4,333	4,685	349	358	2,735	2,947	2,875
Massachusetts	6,248	8,459	48,849	51,503	54,209	4,443	4,282	31,533	33,590	32,733
Rhode Island	1,299	1,338	7,725	8,452	8,560	771	825	5,475	5,822	5,443
Connecticut	---	4,236	---	24,173	27,647	2,162	2,117	16,609	16,072	16,609
Middle Atlantic	48,631	51,736	319,872	326,126	329,749	29,433	31,147	218,818	222,953	213,114
New York	23,818	28,206	163,908	163,481	167,308	13,893	14,742	100,223	104,057	98,791
New Jersey	11,318	10,548	64,722	68,577	64,942	5,646	5,663	42,845	43,331	41,527
Pennsylvania	13,495	12,982	91,669	93,641	97,499	9,894	10,742	75,750	75,565	72,796
East North Central	54,227	55,464	374,580	383,002	386,106	30,406	30,557	234,219	226,581	218,452
Ohio	12,610	12,824	94,879	94,596	99,827	7,864	7,891	63,609	59,843	58,916
Indiana	6,810	6,901	46,688	48,985	48,947	4,653	4,056	31,639	30,337	29,653
Illinois	16,919	17,455	109,237	110,960	111,139	8,274	8,276	63,335	62,073	59,276
Michigan	12,309	12,189	81,789	86,742	84,170	6,328	6,737	48,964	48,611	46,536
Wisconsin	5,579	6,095	41,987	41,719	42,023	3,287	3,597	26,672	25,717	24,071
West North Central	23,380	21,440	147,724	148,643	153,461	14,047	13,230	101,336	101,399	94,366
Minnesota	5,868	6,094	38,187	37,780	38,555	3,048	2,780	21,431	21,057	20,342
Iowa	3,008	2,828	20,396	21,008	22,566	2,030	2,302	15,401	17,453	16,009
Missouri	7,856	6,577	44,608	44,411	44,192	5,181	4,201	34,286	32,953	28,741
North Dakota	786	756	5,032	5,079	5,236	473	468	3,459	3,398	3,326
South Dakota	849	860	6,201	6,341	6,655	509	453	4,007	3,970	4,140
Nebraska	2,133	1,954	13,062	13,303	13,840	1,172	1,239	8,606	8,745	8,689
Kansas	2,880	2,371	20,238	20,721	22,417	1,634	1,787	14,146	13,823	13,119
South Atlantic	56,993	58,130	378,499	385,826	393,229	33,426	34,637	255,020	253,318	240,273
Delaware	783	876	5,984	6,165	6,421	460	481	3,609	3,631	3,478
Maryland	6,455	6,682	39,622	42,461	43,232	3,292	3,419	22,728	25,365	21,717
District of Columbia	861	869	5,354	5,815	5,938	567	540	3,659	3,979	4,029
Virginia	8,399	8,822	54,513	56,273	57,723	4,331	4,452	32,271	30,741	29,135
West Virginia	1,732	1,914	13,178	13,133	13,220	1,448	1,679	12,254	11,950	12,422
North Carolina	10,286	9,174	57,895	57,296	59,637	5,295	5,057	38,798	37,557	35,116
South Carolina	4,133	5,541	30,275	31,692	32,757	2,387	2,485	18,285	18,424	17,955
Georgia	8,534	8,339	62,284	63,893	65,597	3,742	5,118	33,779	33,288	31,715
Florida	15,810	15,913	109,394	109,098	108,704	11,904	11,406	89,637	88,383	84,706
East South Central	20,009	20,955	131,651	133,089	133,611	12,696	12,658	93,493	92,373	88,352
Kentucky	4,548	4,632	29,869	30,214	31,585	2,859	2,993	22,759	22,162	21,052
Tennessee	6,364	5,981	42,495	41,313	41,427	4,328	3,856	28,824	28,997	28,274
Alabama	5,671	6,479	35,480	37,654	36,390	3,410	3,587	25,825	25,470	24,056
Mississippi	3,426	3,863	23,807	23,908	24,209	2,099	2,222	16,085	15,744	14,970
West South Central	36,339	44,046	271,304	279,043	283,379	18,806	19,340	145,490	141,376	137,014
Arkansas	3,263	3,340	19,850	19,924	20,287	2,173	2,299	16,276	15,887	15,047
Louisiana	5,732	5,627	39,422	41,425	43,789	3,190	2,931	25,382	24,844	24,028
Oklahoma	3,685	3,455	26,786	26,426	28,293	2,540	2,672	19,405	19,152	18,121
Texas ²	23,659	31,624	185,246	191,268	191,010	10,903	11,438	84,427	81,493	79,818
Mountain	22,292	21,115	144,667	145,250	143,404	11,102	8,428	67,225	65,192	61,528
Montana	961	1,018	6,389	6,656	6,890	616	621	4,326	4,417	4,198
Idaho	1,687	1,406	10,352	10,213	10,284	634	676	4,893	4,894	4,726
Wyoming	593	627	3,761	3,829	4,088	320	296	2,051	2,029	1,930
Colorado	4,519	4,846	31,856	32,504	32,524	2,040	1,760	14,343	13,820	13,077
New Mexico	2,644	2,276	16,325	15,825	16,247	984	783	7,227	7,070	6,889
Arizona	6,569	6,182	40,000	42,046	37,564	4,883	2,613	21,364	20,777	18,944
Utah	3,111	2,900	22,635	21,300	22,579	709	843	6,118	5,917	5,791
Nevada	2,208	1,860	13,349	12,877	13,228	916	836	6,903	6,268	5,973
Pacific	167,366	66,815	1410,593	415,204	427,895	124,867	24,233	1171,658	170,882	172,425
Washington	6,370	7,819	44,423	38,079	40,146	3,169	2,969	22,592	25,006	22,039
Oregon	3,770	3,490	25,213	24,431	24,531	2,479	2,176	16,658	15,474	14,705
California ²	55,555	52,873	329,709	335,605	344,896	18,575	18,306	128,116	124,866	130,447
Alaska	---	911	---	5,768	6,775	---	229	---	1,249	1,226
Hawaii	1,671	1,722	11,248	11,321	11,547	644	553	4,292	4,287	4,008

¹Excludes figures for State(s) shown below as not available.

²Figures include adjustments for varying length of reporting periods; see Technical notes.

NOTES: Figures include all revisions received from the States. Cumulative figures for the current year reflect revisions received for previous months, and figures for earlier years may differ from those previously published.

Table 3. Provisional number of marriages and divorces: each division and State, July 1993 and 1994, and cumulative figures, 1992-94

[By State of occurrence. Number of events reported; see Technical notes. Divorces include reported annulments]

Area	Marriages					Divorces				
	July		January-July			July		January-July		
	1994	1993	1994	1993	1992	1994	1993	1994	1993	1992
New England	18,668	11,057	142,439	45,265	50,722	11,429	4,126	19,333	25,711	27,927
Maine	1,141	1,092	4,949	5,182	5,576	465	458	2,933	3,246	3,517
New Hampshire	1,170	287	4,969	2,985	3,678	555	415	2,923	2,798	3,531
Vermont	838	824	2,555	2,781	2,658	165	194	1,574	1,607	1,814
Massachusetts	4,777	5,590	26,417	18,833	22,993	---	1,994	---	9,838	10,105
Rhode Island	742	765	3,549	3,674	3,716	244	259	1,903	2,042	2,104
Connecticut	---	2,499	---	11,810	12,101	---	806	---	6,180	6,856
Middle Atlantic	27,515	26,548	141,217	143,298	150,912	9,217	9,222	68,807	69,021	71,982
New York ²	16,067	14,408	76,128	76,274	80,769	4,197	4,265	31,887	31,235	32,798
New Jersey	5,452	4,812	27,090	27,566	28,528	1,786	1,761	14,394	14,949	15,661
Pennsylvania	5,996	7,328	37,999	39,458	41,615	3,234	3,196	22,526	22,837	23,523
East North Central	36,258	35,551	178,633	180,963	186,301	10,886	12,639	185,704	188,173	188,921
Ohio	9,701	9,271	47,899	47,116	50,083	3,699	4,839	28,514	29,720	31,102
Indiana	5,702	5,644	27,164	27,853	27,846	---	---	---	---	---
Illinois	9,240	8,892	48,870	48,843	50,003	3,368	3,727	24,257	25,657	24,919
Michigan	7,641	7,084	36,119	35,436	36,082	2,529	2,645	22,984	22,477	22,239
Wisconsin	3,974	4,660	18,581	21,715	22,287	1,290	1,428	9,949	10,319	10,661
West North Central	14,187	15,441	75,990	79,336	81,527	5,506	7,043	44,099	45,355	44,574
Minnesota	3,881	3,686	16,570	16,508	16,665	1,110	1,590	9,246	10,026	8,873
Iowa	2,734	2,690	11,625	14,223	12,227	639	815	6,500	6,284	6,520
Missouri	4,294	4,510	23,765	24,940	25,693	2,116	2,309	16,106	15,634	15,647
North Dakota	601	575	2,652	2,714	2,692	158	209	1,265	1,287	1,390
South Dakota	905	883	4,018	4,121	4,130	257	241	1,687	1,696	1,694
Nebraska	1,442	1,595	7,234	7,303	7,825	519	496	3,825	3,612	3,887
Kansas	330	1,502	10,126	9,527	12,295	707	1,383	5,470	6,816	6,563
South Atlantic	42,781	42,090	252,897	254,141	246,411	21,525	19,497	136,904	137,555	138,503
Delaware	469	470	2,686	2,789	2,710	316	349	2,026	1,846	2,003
Maryland	4,411	4,010	23,304	22,734	22,151	1,418	1,510	9,601	9,730	10,307
District of Columbia	206	183	923	1,432	1,592	127	88	1,106	975	1,472
Virginia	7,585	7,034	38,863	38,927	39,062	2,523	2,344	16,721	16,904	17,073
West Virginia	1,368	1,324	5,496	7,521	7,088	703	670	5,273	5,646	5,477
North Carolina	4,774	4,461	27,551	27,180	28,339	3,181	3,117	21,043	20,759	21,558
South Carolina	4,907	5,439	31,225	30,773	31,606	1,172	1,346	9,011	8,972	9,411
Georgia	6,033	6,247	35,458	36,027	31,192	3,831	3,068	21,976	22,416	20,393
Florida	13,028	12,922	87,391	86,758	82,671	8,254	7,005	50,147	50,307	50,809
East South Central	19,635	22,298	104,687	108,162	105,820	7,646	9,249	56,900	56,306	58,733
Kentucky	5,559	5,873	27,860	26,707	28,409	1,729	2,016	13,382	13,104	14,208
Tennessee	7,247	8,768	40,219	43,813	40,766	2,922	3,122	19,630	19,537	19,451
Alabama	4,008	5,146	23,205	23,487	23,331	2,360	2,531	15,566	16,076	15,982
Mississippi	2,821	2,511	13,403	14,155	13,314	635	1,580	8,322	7,589	9,092
West South Central	24,976	29,501	179,772	169,185	170,520	11,739	10,968	184,526	183,413	186,949
Arkansas	3,858	3,477	22,113	21,500	20,995	1,227	1,183	10,413	10,158	10,551
Louisiana	4,266	5,583	24,007	20,014	20,999	---	---	---	---	---
Oklahoma	3,013	3,220	17,536	18,000	19,008	1,635	1,892	12,492	12,800	14,918
Texas ³	13,839	17,221	116,116	109,671	109,518	8,877	7,893	61,621	60,455	61,480
Mountain	24,574	26,400	153,317	147,351	142,352	16,185	16,335	144,648	145,171	146,163
Montana	1,009	991	3,733	3,901	3,904	340	388	2,414	2,531	2,544
Idaho	1,420	1,400	8,395	7,109	8,317	544	450	4,287	3,983	3,928
Wyoming	652	382	2,561	2,378	2,660	314	284	1,761	1,715	1,862
Colorado	3,580	4,110	18,893	19,337	18,792	1,446	1,625	11,331	11,206	11,328
New Mexico ^{4,5}	1,284	1,365	7,319	7,518	7,918	836	848	5,810	6,052	5,836
Arizona ²	3,261	3,672	21,592	24,040	21,164	1,932	2,126	13,569	14,535	15,010
Utah	1,867	2,518	10,935	11,418	11,166	773	614	5,476	5,149	5,655
Nevada	11,501	11,962	79,889	71,650	68,431	---	---	---	---	---
Pacific	129,303	29,973	1164,476	161,743	185,639	15,043	14,113	130,576	125,856	130,969
Washington	5,875	5,277	22,772	19,049	22,756	3,063	2,090	17,919	12,436	16,475
Oregon	3,250	2,872	14,011	12,208	11,571	1,500	1,368	9,844	8,999	9,072
California	18,459	19,455	117,230	117,358	137,557	---	---	---	---	---
Alaska	---	699	---	2,926	3,341	---	175	---	1,508	2,340
Hawaii	1,719	1,670	10,463	10,202	10,414	480	480	2,813	2,913	3,082

¹Excludes figures for State(s) shown below as not available.
²Figures for marriages are marriage licenses issued for some counties.
³Figures include adjustments for varying length of reporting periods; see Technical notes.
⁴Figures for marriages are marriage licenses issued.
⁵Figures for divorces include estimates for some counties.

NOTES: Figures include all revisions received from the States. Cumulative figures for the current year reflect revisions received for previous months, and figures for earlier years may differ from those previously published.

Table 4. Provisional number of deaths under 1 year and infant mortality rates: each division and State, 12 months ending with July 1993 and 1994

[Data are estimates by State of residence; see Technical notes. Infant mortality rates are deaths under 1 year per 1,000 live births in specified area]

Area	12 months ending with July			
	1994		1993	
	Number	Rate	Number	Rate
New England	1,727	15.4	1,174	6.5
Maine	86	5.8	91	6.1
New Hampshire	94	6.2	74	5.0
Vermont	32	4.6	45	6.2
Massachusetts	422	5.0	524	6.1
Rhode Island	93	6.9	135	9.2
Connecticut	---	---	305	7.0
Middle Atlantic	4,607	8.3	4,851	8.6
New York	2,375	8.5	2,430	8.6
New Jersey	972	8.2	997	8.1
Pennsylvania	1,260	8.0	1,424	8.8
East North Central	5,787	9.1	6,008	9.2
Ohio	1,466	9.3	1,390	8.5
Indiana	755	9.2	825	9.8
Illinois	1,838	9.7	1,860	9.7
Michigan	1,205	8.7	1,399	9.9
Wisconsin	523	7.5	534	7.7
West North Central	2,000	7.8	2,055	8.1
Minnesota	466	7.3	465	7.2
Iowa	233	6.4	251	6.9
Missouri	624	8.0	691	9.1
North Dakota	62	7.1	56	6.4
South Dakota	122	11.4	113	10.3
Nebraska	186	8.2	169	7.5
Kansas	307	8.2	310	8.7
South Atlantic	5,986	9.0	6,590	9.8
Delaware	80	7.7	93	8.7
Maryland	656	9.0	678	9.0
District of Columbia	157	16.8	177	17.8
Virginia	727	7.8	949	9.9
West Virginia	153	6.9	217	9.8
North Carolina	1,008	10.0	1,063	10.6
South Carolina	489	9.3	535	9.6
Georgia	1,151	10.4	1,146	10.4
Florida	1,565	8.1	1,732	9.0
East South Central	2,122	9.2	2,366	10.1
Kentucky	429	8.3	477	9.1
Tennessee	637	8.5	722	9.8
Alabama	633	10.4	637	9.9
Mississippi	423	10.1	530	12.3
West South Central	3,853	8.1	3,807	8.0
Arkansas	312	9.1	321	9.3
Louisiana	660	9.7	684	9.9
Oklahoma	441	9.4	429	9.3
Texas ²	2,440	7.5	2,373	7.3
Mountain	1,777	7.2	1,873	7.6
Montana	97	8.7	85	7.5
Idaho	126	7.3	154	8.8
Wyoming	39	5.9	71	10.8
Colorado	374	6.9	411	7.5
New Mexico	270	9.6	221	7.9
Arizona	539	7.8	554	7.8
Utah	204	5.4	236	6.5
Nevada	128	5.9	141	6.4
Pacific	14,742	16.5	4,948	6.6
Washington	455	5.8	502	6.5
Oregon	286	6.7	323	7.8
California ²	3,874	6.6	3,903	6.6
Alaska	---	---	83	7.8
Hawaii	127	6.5	137	7.0

¹Excludes figures for State shown below as not available.

²Figures include adjustments for varying length of reporting periods; see Technical notes.

NOTES: Figures include all revisions received from the States. Figures for the current year reflect revisions received for previous months, and figures for earlier years may differ from those previously published.

Table 5. Provisional number of deaths and death rates, by age, race, and sex, and age-adjusted death rates by race and sex: United States, June 1993 and 1994, cumulative figures 1993 and 1994, and 12 months ending with June 1993 and 1994

[Data are provisional, estimated from a 10-percent sample of deaths. Age-specific rates on an annual basis per 100,000 population in specified group; age-adjusted rates per 100,000 U.S. standard million population; see Technical notes. Due to rounding of estimates, figures may not add to totals. For method of computation and information on standard errors of the estimates, see Technical notes]

Age, race, and sex	June				January-June				12 months ending with June			
	1994		1993		1994		1993		1994		1993	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All races, both sexes¹												
All ages	176,000	824.4	178,000	839.7	1,172,000	909.7	1,161,000	910.5	2,279,000	878.8	2,223,000	866.5
Under 1 year	} 4,040	85.7	3,890	83.5	15,900	² 813.0	17,000	² 867.0	32,200	² 815.0	33,800	² 852.6
1-4 years					3,810	48.3	3,690	47.4	7,140	45.1	6,890	44.0
5-14 years					4,000	21.5	4,240	23.2	8,500	22.8	8,300	22.6
15-24 years	2,690	90.9	2,830	95.6	16,900	94.7	16,640	93.1	35,380	98.3	34,630	96.0
25-34 years	4,960	145.6	4,530	131.4	28,420	138.0	28,910	138.6	59,450	142.8	58,680	139.3
35-44 years	8,390	245.0	7,780	232.4	49,090	238.7	47,440	235.9	98,200	237.9	95,080	235.4
45-54 years	10,310	421.0	11,380	484.3	66,740	455.2	66,210	470.8	134,020	456.7	128,200	456.0
55-64 years	18,930	1,095.7	19,530	1,135.9	121,550	1,167.2	124,280	1,198.4	239,580	1,141.8	241,940	1,157.1
65-74 years	38,000	2,468.9	39,210	2,558.3	251,220	2,707.3	251,750	2,727.2	489,830	2,619.0	484,230	2,605.2
75-84 years	49,150	5,450.2	49,650	5,610.4	332,720	6,141.6	329,300	6,192.7	641,130	5,887.3	625,290	5,851.5
85 years and over	39,940	14,024.1	39,020	14,066.5	282,130	16,529.5	270,830	16,291.5	533,740	15,570.0	505,300	15,156.0
Not stated	60	...	30	...	310	...	380	...	810	...	810	...
Age-adjusted rate ³	...	484.5	...	498.4	...	522.6	...	528.6	...	510.7	...	508.6
All races, male¹												
All ages	90,820	868.9	92,980	899.3	597,170	949.1	594,220	954.8	1,169,110	923.2	1,142,500	912.3
Under 1 year	} 2,300	95.3	2,440	102.3	9,230	² 920.8	9,760	² 971.6	18,790	² 931.6	18,800	² 927.0
1-4 years					2,230	55.4	2,090	52.4	4,120	50.9	3,900	48.7
5-14 years					2,310	24.4	2,440	26.0	5,060	26.5	5,000	26.6
15-24 years	2,060	136.4	2,160	142.8	13,080	143.5	12,560	137.4	26,920	146.4	26,140	141.7
25-34 years	3,720	218.3	3,370	195.3	20,440	198.6	21,200	203.2	43,580	209.3	43,080	204.4
35-44 years	5,820	342.6	5,340	321.8	34,370	337.0	32,750	328.5	68,260	333.4	65,620	327.8
45-54 years	6,410	535.5	7,180	625.2	41,900	584.4	41,870	609.0	84,520	589.3	80,950	589.0
55-64 years	11,620	1,415.6	12,140	1,488.8	74,610	1,508.3	75,420	1,534.0	146,120	1,466.2	146,110	1,474.2
65-74 years	21,680	3,182.6	22,020	3,255.7	144,780	3,527.4	144,000	3,536.4	281,720	3,406.9	276,560	3,375.2
75-84 years	24,080	6,952.4	25,320	7,500.8	162,780	7,834.5	163,490	8,069.6	315,820	7,570.0	310,050	7,623.6
85 years and over	13,100	16,296.9	13,000	16,754.9	91,280	18,963.1	88,380	19,022.2	173,740	18,004.1	165,740	17,802.4
Not stated	40	...	30	...	170	...	260	...	460	...	560	...
Age-adjusted rate ³	...	626.5	...	652.9	...	675.9	...	684.9	...	662.0	...	658.8
All races, female¹												
All ages	85,640	781.9	84,850	782.8	575,600	872.9	566,460	868.2	1,110,820	836.9	1,080,640	822.9
Under 1 year	} 1,740	75.6	1,450	63.8	6,670	² 696.1	7,250	² 756.4	13,360	² 692.2	15,000	² 775.2
1-4 years					1,580	41.1	1,600	42.3	3,020	39.0	2,990	39.1
5-14 years					1,680	18.7	1,800	20.2	3,440	18.9	3,300	18.4
15-24 years	630	43.5	670	46.3	3,820	43.9	4,070	46.6	8,460	48.1	8,490	48.2
25-34 years	1,240	72.8	1,160	67.4	7,980	77.5	7,710	74.1	15,870	76.3	15,600	74.1
35-44 years	2,580	149.5	2,440	144.6	14,720	141.9	14,690	145.0	29,940	143.9	29,460	144.6
45-54 years	3,900	311.5	4,200	349.7	24,840	331.3	24,340	338.7	49,510	330.0	47,250	328.7
55-64 years	7,310	806.2	7,400	818.7	46,940	858.9	48,860	896.2	93,470	848.5	95,830	871.3
65-74 years	16,320	1,902.5	17,180	2,006.4	106,430	2,057.0	107,750	2,088.1	208,110	1,994.7	207,670	1,998.4
75-84 years	25,070	4,513.4	24,330	4,444.0	169,940	5,088.7	165,810	5,037.1	325,310	4,843.1	315,240	4,762.7
85 years and over	26,840	13,130.4	26,020	13,027.8	190,850	15,566.3	182,450	15,232.9	360,000	14,610.4	339,560	14,130.7
Not stated	20	...	...	...	140	...	120	...	350	...	250	...
Age-adjusted rate ³	...	366.0	...	371.2	...	395.6	...	400.8	...	385.4	...	385.5
White												
All ages	152,230	856.0	152,530	864.9	1,010,550	943.4	1,000,160	941.6	1,960,390	908.8	1,910,640	893.3
Under 1 year	} 2,710	72.5	2,630	71.0	10,310	² 669.8	11,260	² 729.9	20,680	² 667.5	21,960	² 705.0
1-4 years					2,530	40.5	2,570	41.7	4,880	38.9	4,810	38.8
5-14 years					2,820	19.1	3,100	21.3	6,210	20.9	6,020	20.6
15-24 years	1,940	82.1	2,020	85.1	11,960	83.9	11,510	80.3	24,800	86.1	24,120	83.3
25-34 years	3,600	129.1	3,300	116.5	20,060	118.9	20,870	121.8	42,410	124.3	41,880	120.9
35-44 years	5,930	207.8	5,590	199.8	34,340	200.3	33,770	200.9	69,200	200.9	68,370	202.2
45-54 years	8,000	381.2	8,600	426.1	51,530	409.9	50,780	420.0	103,430	410.9	98,790	408.6
55-64 years	15,280	1,021.2	15,910	1,065.6	99,190	1,099.1	101,560	1,127.0	195,610	1,075.3	197,500	1,086.3
65-74 years	33,080	2,419.4	33,910	2,485.4	217,860	2,641.6	218,050	2,651.8	423,770	2,548.2	419,540	2,533.3
75-84 years	44,630	5,462.2	44,800	5,584.7	299,510	6,101.1	296,790	6,156.5	577,180	5,848.4	562,520	5,806.4
85 years and over	37,010	14,227.1	35,750	14,122.0	260,240	16,696.8	249,660	16,458.0	491,680	15,708.6	464,580	15,272.2
Not stated	50	...	20	...	190	...	250	...	530	...	560	...
Age-adjusted rate ³	...	459.8	...	470.5	...	494.8	...	500.3	...	482.9	...	480.5

See footnotes at end of table.

Table 5. Provisional number of deaths and death rates, by age, race, and sex, and age-adjusted death rates by race and sex: United States, June 1993 and 1994, cumulative figures 1993 and 1994, and 12 months ending with June 1993 and 1994—Con.

[Data are provisional, estimated from a 10-percent sample of deaths. Age-specific rates on an annual basis per 100,000 population in specified group; age-adjusted rates per 100,000 U.S. standard million population; see Technical notes. Due to rounding of estimates, figures may not add to totals. For method of computation and information on standard errors of the estimates, see Technical notes]

Age, race, and sex	June				January–June				12 months ending with June			
	1994		1993		1994		1993		1994		1993	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
White male												
All ages	77,110	884.1	78,910	912.6	507,760	966.6	506,970	973.6	993,130	938.9	972,850	927.9
Under 1 year	} 1,550	80.8	1,630	85.8	5,950	² 755.8	6,400	² 810.5	12,000	² 756.6	12,360	² 773.5
1–4 years					1,530	48.0	1,500	47.1	2,860	44.5	2,820	44.3
5–14 years					1,590	21.0	1,800	24.1	3,740	24.5	3,600	23.9
15–24 years					1,420	117.1	1,560	128.0	9,110	124.4	8,640	117.3	18,460	124.9	18,080	121.5
25–34 years	2,690	190.9	2,500	174.7	14,640	171.8	15,680	181.1	31,320	181.7	31,410	179.4
35–44 years	4,120	287.9	3,940	281.0	24,320	282.7	23,980	284.6	48,750	282.4	48,480	286.3
45–54 years	5,050	487.4	5,460	548.0	32,660	526.4	32,270	540.9	66,050	531.5	62,750	525.9
55–64 years	9,400	1,307.8	9,930	1,387.4	61,460	1,417.8	62,440	1,446.2	120,180	1,375.8	120,950	1,388.6
65–74 years	19,070	3,130.3	19,280	3,181.9	125,990	3,431.3	126,040	3,453.5	245,750	3,320.9	241,650	3,289.5
75–84 years	21,840	6,941.5	22,840	7,452.0	147,010	7,787.9	147,700	8,029.3	285,190	7,524.8	279,740	7,574.9
85 years and over	11,930	16,400.9	11,760	16,773.7	83,380	19,157.6	80,340	19,140.4	158,520	18,158.1	150,660	17,914.4
Not stated	40	...	20	...	120	...	160	...	310	...	360	...
Age-adjusted rate ³	...	591.0	...	616.0	...	637.9	...	648.9	...	624.5	...	623.3
White female												
All ages	75,120	828.9	73,620	819.0	502,790	921.0	493,200	910.8	967,260	879.8	937,790	860.1
Under 1 year	} 1,160	63.7	1,010	56.1	4,360	² 580.9	4,860	² 649.0	8,690	² 574.7	9,600	² 632.8
1–4 years					1,010	33.0	1,070	35.3	2,020	33.1	2,000	33.1
5–14 years					1,230	17.0	1,300	18.3	2,460	17.0	2,420	17.0
15–24 years					520	45.2	460	39.8	2,850	40.9	2,870	41.0	6,340	45.2	6,040	42.9
25–34 years	910	65.9	800	57.1	5,420	65.0	5,190	61.2	11,090	65.7	10,460	61.0
35–44 years	1,810	127.2	1,650	118.2	10,020	117.2	9,790	116.6	20,450	119.0	19,900	118.0
45–54 years	2,950	277.7	3,140	307.2	18,870	296.3	18,510	302.4	37,380	293.3	36,040	294.3
55–64 years	5,880	756.2	5,990	770.6	37,730	804.4	39,120	833.7	75,430	797.6	76,550	808.3
65–74 years	14,010	1,848.1	14,620	1,927.6	91,870	2,008.0	92,000	2,011.6	178,030	1,928.8	177,890	1,930.4
75–84 years	22,790	4,535.9	21,960	4,430.1	152,510	5,047.1	149,090	5,001.2	292,000	4,803.4	282,780	4,716.9
85 years and over	25,080	13,383.3	23,990	13,106.3	176,860	15,744.3	169,320	15,430.9	333,160	14,761.2	313,920	14,262.6
Not stated	10	...	—	...	70	...	90	...	220	...	200	...
Age-adjusted rate ³	...	349.8	...	350.2	...	375.9	...	378.2	...	365.3	...	363.0
Black												
All ages	21,500	801.5	22,410	848.9	143,940	892.4	142,690	898.8	283,320	873.5	277,080	868.2
Under 1 year	} 1,130	153.9	1,170	161.5	4,910	² 1,561.4	5,310	² 1,665.7	10,290	² 1,625.6	10,720	² 1,669.8
1–4 years					1,070	85.9	1,030	82.6	1,840	73.4	1,790	72.1
5–14 years					980	33.6	980	35.0	1,890	32.9	1,950	34.7
15–24 years					640	144.4	740	168.6	4,340	162.6	4,490	169.6	9,290	172.9	9,110	170.6
25–34 years	1,180	263.2	1,080	239.6	7,340	271.4	7,160	263.2	15,080	275.7	15,090	275.0
35–44 years	2,260	547.2	2,000	500.7	13,700	552.9	12,460	519.9	26,700	537.4	24,230	504.2
45–54 years	2,050	813.5	2,510	1,046.9	13,670	907.3	13,920	970.0	27,440	912.2	26,300	918.9
55–64 years	3,230	1,882.1	3,170	1,869.5	19,640	1,902.6	20,070	1,966.5	38,810	1,867.7	39,330	1,914.8
65–74 years	4,490	3,405.8	4,670	3,589.3	29,790	3,753.2	29,870	3,814.5	58,760	3,677.1	57,250	3,634.9
75–84 years	3,890	5,743.7	4,250	6,352.4	29,220	7,176.6	28,700	7,145.4	55,930	6,837.4	55,480	6,866.3
85 years and over	2,620	12,958.0	2,820	14,004.1	19,180	15,813.6	18,560	15,340.1	37,010	15,168.0	35,590	14,646.1
Not stated	—	...	10	...	110	...	130	...	270	...	240	...
Age-adjusted rate ³	...	726.5	...	771.0	...	795.1	...	805.8	...	782.0	...	779.4
Black male												
All ages	12,140	953.9	12,550	1,002.8	78,850	1,030.4	77,260	1,026.6	155,100	1,008.1	149,620	989.0
Under 1 year	} 670	179.9	730	199.0	2,970	² 1,863.1	3,070	² 1,897.7	6,210	² 1,934.6	5,880	² 1,809.2
1–4 years					560	90.3	530	84.8	1,020	80.3	920	73.3
5–14 years					590	41.4	540	37.4	1,070	36.8	1,160	40.8
15–24 years					550	248.3	560	255.6	3,490	261.7	3,460	261.0	7,530	280.4	7,040	264.1
25–34 years	920	433.7	770	361.3	5,130	400.3	4,890	381.0	10,880	420.6	10,460	403.2
35–44 years	1,560	809.7	1,310	704.3	9,350	809.3	8,090	725.2	18,000	777.2	15,690	701.7
45–54 years	1,200	1,050.3	1,540	1,416.2	8,220	1,202.0	8,730	1,341.1	16,510	1,211.3	16,290	1,256.0
55–64 years	2,010	2,687.4	1,970	2,669.1	11,650	2,587.3	11,570	2,605.3	22,980	2,536.4	22,260	2,487.2
65–74 years	2,330	4,262.9	2,520	4,680.9	16,680	5,070.3	16,010	4,943.1	31,880	4,815.7	31,020	4,765.0
75–84 years	1,860	7,619.5	2,090	8,678.6	13,590	9,285.3	13,540	9,385.4	26,100	8,877.6	26,140	9,013.8
85 years and over	1,050	17,993.0	1,050	17,743.1	6,580	18,688.8	6,720	18,821.4	12,760	17,971.8	12,570	17,458.3
Not stated	—	...	10	...	50	...	100	...	150	...	190	...
Age-adjusted rate ³	...	997.0	...	1,054.2	...	1,073.9	...	1,072.2	...	1,051.4	...	1,033.2

See footnotes at end of table.

Table 5. Provisional number of deaths and death rates, by age, race, and sex, and age-adjusted death rates by race and sex: United States, June 1993 and 1994, cumulative figures 1993 and 1994, and 12 months ending with June 1993 and 1994—Con.

[Data are provisional, estimated from a 10-percent sample of deaths. Age-specific rates on an annual basis per 100,000 population in specified group; age-adjusted rates per 100,000 U.S. standard million population; see Technical notes. Due to rounding of estimates, figures may not add to totals. For method of computation and information on standard errors of the estimates, see Technical notes]

Age, race, and sex	June				January–June				12 months ending with June			
	1994		1993		1994		1993		1994		1993	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Black female												
All ages	9,360	663.9	9,860	710.2	65,100	767.7	65,430	783.6	128,210	752.0	127,470	759.4
Under 1 year	} 460	127.0	440	123.1	1,940	² 1,251.1	2,250	² 1,428.3	4,090	² 1,310.9	4,830	² 1,523.7
1–4 years					520	86.3	500	81.9	820	66.3	870	71.0
5–14 years					390	27.7	440	31.9	830	29.3	790	28.5
15–24 years					100	*	180	81.9	860	63.6	1,040	78.5	1,760	65.5	2,070	77.4
25–34 years	260	110.1	310	130.5	2,220	155.6	2,260	157.6	4,200	145.7	4,630	160.0
35–44 years	700	317.7	690	323.3	4,340	329.0	4,370	341.1	8,700	328.1	8,540	332.3
45–54 years	850	617.0	970	740.4	5,450	661.6	5,180	660.9	10,920	663.8	10,010	639.6
55–64 years	1,220	1,260.0	1,200	1,253.2	7,990	1,371.7	8,500	1,475.5	15,830	1,350.7	17,070	1,472.8
65–74 years	2,160	2,798.7	2,150	2,818.8	13,120	2,824.7	13,860	3,018.5	26,870	2,870.7	26,230	2,838.7
75–84 years	2,040	4,709.7	2,160	5,044.1	15,620	5,995.5	15,170	5,889.1	29,830	5,692.7	29,340	5,664.1
85 years and over	1,580	10,984.8	1,770	12,448.0	12,600	14,651.1	11,830	13,872.0	24,250	14,017.3	23,030	13,467.8
Not stated	—	...	—	...	60	...	30	...	120	...	50	...
Age-adjusted rate ³ . . . . .	...	520.7	...	554.7	...	581.3	...	602.8	...	573.6	...	585.5

¹Includes races other than white and black.

²Death rates under 1 year (based on population estimates) differ from infant mortality rates (based on live births); see table 9 for infant mortality rates.

³For method of computation, see Technical notes.

NOTES: Figures include all revisions received from the States. Cumulative and 12-month figures for the current year reflect revisions received for previous months, and figures for earlier years may differ from those previously published.

Table 6. Provisional number of deaths and death rates for 72 selected causes and Human immunodeficiency virus infection: United States, June 1993 and 1994, cumulative figures 1993 and 1994, and 12 months ending with June 1993 and 1994

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population. Due to rounding of estimates, figures may not add to totals. For method of computation and information on standard errors of the estimates, see Technical notes. For explanation of the asterisk preceding cause-of-death codes, see Technical notes!]

Cause of death (Ninth Revision, International Classification of Diseases, 1975)	June		January-June		12 months ending with June									
	1994	1993	1994	1993	1994	1993								
	Number	Rate	Number	Rate	Number	Rate								
All causes	176,000	824.4	178,000	839.7	1,172,000	909.7	1,161,000	910.5	2,279,000	878.8	2,223,000	866.5		
Shigellosis and amebiasis . . . . .	.004,006	*	—	*	10	*	—	*	10	*	—	*		
Certain other intestinal infections . . . . .	.007-009	*	60	*	410	*	320	0.3	670	0.3	670	0.3		
Tuberculosis	010-018	110	0.5	190	0.9	780	0.6	870	0.7	1,430	0.6	1,610	0.6	
Tuberculosis of respiratory system	010-012	80	*	150	0.7	620	0.5	700	0.5	1,140	0.4	1,270	0.5	
Other tuberculosis	013-018	30	*	40	*	160	0.1	170	0.1	290	0.1	340	0.1	
Whooping cough	—	*	—	*	20	*	10	*	20	*	20	*	
Streptococcal sore throat, scarlatina, and erysipelas034-035	—	—	—	—	—	—	—	—	—	—	—	
Meningococcal infection036	40	*	20	*	170	0.1	170	0.1	280	0.1		
Septicemia038	1,330	6.2	1,430	6.7	10,550	8.2	10,200	8.0	20,740	8.0		
Acute poliomyelitis045	—	—	—	—	—	—	—	—	—	—		
Measles055	—	—	10	*	—	*	—	*	—	*		
Viral hepatitis070	240	1.1	230	1.1	1,310	1.0	1,290	1.0	2,540	1.0		
Syphilis090-097	10	*	—	*	70	*	20	*	150	0.1		
All other infectious and parasitic diseases ¹001-003,005,020-032,037,039-041,*042-044,046-054,056-066,071-088,098-139	3,500	16.3	3,780	17.8	22,480	17.4	21,690	17.0	44,930	17.3	41,760	16.3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues140-208	42,990	200.8	41,950	198.1	265,880	206.3	262,550	205.9	534,600	206.1	525,290	204.7
Malignant neoplasms of lip, oral cavity, and pharynx140-149	550	2.6	650	3.1	3,770	2.9	4,010	3.1	7,920	3.1	8,160	3.2
Malignant neoplasms of digestive organs and peritoneum150-159	9,850	46.0	9,950	47.0	62,040	48.1	60,060	47.1	125,440	48.4	121,530	47.4
Malignant neoplasms of respiratory and intrathoracic organs160-165	11,870	55.4	11,820	55.8	75,460	58.6	76,130	59.7	153,260	59.1	152,340	59.4
Malignant neoplasm of breast174-175	3,500	16.3	3,380	16.0	21,860	17.0	22,370	17.5	44,030	17.0	44,030	17.2
Malignant neoplasms of genital organs179-187	5,330	24.9	4,690	22.1	30,610	23.7	30,440	23.9	60,900	23.5	60,010	23.4
Malignant neoplasms of urinary organs188-189	11,670	7.8	11,900	9.0	11,260	8.7	10,940	8.6	22,440	8.7	21,900	8.5
Malignant neoplasms of all other and unspecified sites170-173,190-199	5,910	27.6	5,390	25.4	33,820	26.2	32,560	25.5	67,640	26.1	64,620	25.2
Leukemia204-208	1,480	6.9	1,410	6.7	9,970	7.7	9,640	7.6	19,260	7.4	19,710	7.7
Other malignant neoplasms of lymphatic and hematopoietic tissues200-203	2,830	13.2	2,770	13.1	17,090	13.3	16,390	12.9	33,540	12.9	32,990	12.9
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature210-239	570	2.7	730	3.4	3,880	3.0	3,990	3.1	7,930	3.1	7,710	3.0
Diabetes mellitus250	4,190	19.6	4,250	20.1	28,350	22.0	28,520	22.4	54,860	21.2	52,470	20.5
Nutritional deficiencies260-269	270	1.3	220	1.0	1,630	1.3	1,610	1.3	3,350	1.3	3,170	1.2
Anemias280-285	260	1.2	370	1.7	1,980	1.5	2,290	1.8	4,220	1.6	4,300	1.7
Meningitis320-322	60	*	50	*	550	0.4	430	0.3	940	0.4	750	0.3
Major cardiovascular diseases390-448	72,370	338.1	73,470	346.9	489,170	379.6	489,940	384.3	939,720	362.3	930,150	362.6
Diseases of heart390-442,404-429	56,640	264.6	57,790	272.9	380,890	295.6	383,580	300.9	734,300	283.1	730,140	284.6
Rheumatic fever and rheumatic heart disease390-398	500	2.3	430	2.0	3,010	2.3	2,930	2.3	5,650	2.2	5,840	2.3
Hypertensive heart disease402	1,650	7.7	1,970	9.3	12,050	9.7	12,420	9.7	22,900	8.8	23,610	9.2
Hypertensive heart and renal disease404	200	0.9	190	0.9	1,040	0.8	1,140	0.9	2,170	0.8	2,330	0.9
Ischemic heart disease410-414	37,760	176.4	38,110	179.9	252,210	195.7	253,380	198.8	484,350	186.7	483,390	188.4
Acute myocardial infarction410	17,370	81.1	17,730	83.7	118,180	91.7	117,170	91.9	227,700	87.8	226,490	88.3
Other acute and subacute forms of ischemic heart disease411	130	0.6	300	1.4	1,280	1.0	1,490	1.2	2,750	1.1	2,790	1.1
Angina pectoris413	60	*	70	*	460	0.4	360	0.3	830	0.3	880	0.3
Old myocardial infarction and other forms of chronic ischemic heart disease412,414	20,190	94.3	20,000	94.4	132,290	102.6	134,360	105.4	253,070	97.6	253,240	98.7
Other diseases of endocardium424	890	4.1	1,070	5.0	7,170	5.6	7,400	5.8	14,250	5.5	14,400	5.6
All other forms of heart disease425-429	15,640	73.1	16,020	75.6	105,420	81.8	106,310	83.4	204,970	79.0	200,570	78.2
Hypertension with or without renal disease401,403	730	3.4	910	4.3	5,630	4.4	5,430	4.3	10,740	4.1	10,400	4.1
Cerebrovascular diseases430-438	11,660	54.5	11,310	53.4	79,420	61.6	77,910	61.1	151,010	58.2	147,280	57.4
Intraocular and other intracranial hemorrhage431-432	1,400	6.5	1,600	7.5	10,670	8.2	11,450	9.0	20,460	7.9	21,750	8.5

See footnotes at end of table.

Table 6. Provisional number of deaths and death rates for 72 selected causes and Human immunodeficiency virus infection: United States, June 1993 and 1994, cumulative figures 1993 and 1994, and 12 months ending with June 1993 and 1994—Con.

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population. Due to rounding of estimates, figures may not add to totals. For method of computation and information on standard errors of the estimates, see Technical notes. For explanation of the asterisk preceding cause-of-death codes, see Technical notes!]

Cause of death (Ninth Revision, International Classification of Diseases, 1975)	June		1993		1994		January-June		12 months ending with June					
	1994	1993	1993	1994	1993	1994	1993	1994	1993					
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate				
Cerebral thrombosis and unspecified occlusion of cerebral arteries.	434.0	434.9	1,160	5.4	1,190	5.6	7,850	6.1	8,160	6.4	15,500	6.0	15,780	6.2
Cerebral embolism	434.1		80	*	40	*	490	0.4	280	0.2	700	0.3	620	0.2
All other and late effects of cerebrovascular diseases	430.4	435-438	9,010	42.1	8,480	40.0	60,450	46.9	58,010	45.5	114,850	44.1	109,140	42.5
Atherosclerosis	440		1,190	5.5	1,330	6.3	9,350	7.2	9,010	7.1	17,400	6.7	16,910	6.6
Other diseases of arteries, arterioles, and capillaries	441-448		2,150	10.0	2,140	10.1	13,860	10.8	14,000	11.0	26,280	10.1	25,420	9.9
Acute bronchitis and bronchiolitis	466		40	*	50	*	410	0.3	370	0.3	600	0.2	590	0.2
Pneumonia and influenza	480-487		5,490	25.6	5,530	26.1	47,770	37.1	44,820	35.2	82,670	31.9	77,840	30.3
Pneumonia	480-486		5,440	25.4	5,500	26.0	46,550	36.1	44,130	34.6	81,210	31.3	77,100	30.1
Influenza	487		50	*	30	*	1,230	1.0	680	0.5	1,470	0.6	740	0.3
Chronic obstructive pulmonary diseases and allied conditions	490-496		7,100	33.2	8,470	40.0	55,580	43.1	55,550	43.6	100,650	38.8	96,250	37.5
Bronchitis, chronic and unspecified	490-491		200	0.9	210	1.0	2,010	1.5	2,010	1.6	3,590	1.4	3,620	1.4
Empysema	492		1,270	5.9	1,520	7.2	9,260	7.2	10,020	7.9	17,210	6.6	17,780	6.9
Asthma	493		370	1.7	510	2.4	2,830	2.2	2,740	2.1	4,960	1.9	4,750	1.9
Other chronic obstructive pulmonary diseases and allied conditions	494-496		5,270	24.6	6,230	29.4	41,480	32.2	40,770	32.0	74,890	28.9	70,090	27.3
Ulcer of stomach and duodenum	531-533		540	2.5	470	2.2	3,330	2.6	2,990	2.3	5,890	2.3	5,730	2.2
Appendicitis	540-543		60	*	40	*	150	0.1	260	0.2	340	0.1	360	0.1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560		520	2.4	550	2.6	2,960	2.3	2,820	2.2	5,910	2.3	5,860	2.3
Chronic liver disease and cirrhosis	571		2,130	9.9	1,660	7.8	12,840	9.9	12,100	9.5	25,400	9.8	24,840	9.7
Cholelithiasis and other disorders of gallbladder	574-575		200	0.9	150	0.7	1,360	1.0	1,360	1.1	2,670	1.0	2,770	1.1
Nephritis and nephrotic syndrome, and nephrosis	580-589		1,770	8.3	2,000	9.4	12,710	9.9	13,380	10.5	24,000	9.3	24,410	9.5
Acute glomerulonephritis and nephrotic syndrome	580-581		20	*	40	*	150	0.1	160	0.1	320	0.1	250	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587		130	0.6	160	0.8	800	0.6	830	0.6	1,540	0.6	1,460	0.6
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589		1,610	7.5	1,800	8.5	11,770	9.1	12,390	9.7	22,140	8.5	22,690	8.8
Infections of kidney	590		50	*	50	*	550	0.4	500	0.4	1,030	0.4	1,030	0.4
Hypertrophia of prostate	600		10	*	60	*	190	0.1	240	0.2	400	0.2	400	0.2
Complications of pregnancy, childbirth, and the puerperium	630-676		50	*	10	*	170	0.1	160	0.1	310	0.1	360	0.1
Pregnancy with abortive outcome	630-638		10	*	-	-	50	*	30	*	80	*	50	*
Other complications of pregnancy, childbirth, and the puerperium	640-676		40	*	10	*	120	0.1	130	0.1	230	0.1	310	0.1
Congenital anomalies	740-759		860	4.0	860	4.1	5,480	4.2	5,760	4.5	11,340	4.4	11,910	4.6
Certain conditions originating in the perinatal period	760-779		1,170	5.5	1,190	5.6	7,030	5.5	7,580	5.9	15,080	5.8	15,430	6.0
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769		210	1.0	210	1.0	1,220	0.9	1,430	1.1	2,710	1.0	3,050	1.2
Other conditions originating in the perinatal period	760-766,770-779		960	4.5	980	4.6	5,820	4.5	6,140	4.8	12,370	4.8	12,380	4.8
Symptoms, signs, and ill-defined conditions	780-799		3,180	14.9	3,160	14.9	20,300	15.7	20,380	16.0	39,220	15.1	37,940	14.8
All other diseases	Residual		15,120	70.6	14,810	69.9	104,690	81.2	100,910	79.2	201,240	77.6	187,570	73.1
Accidents and adverse effects	E800-E949		7,400	34.6	7,410	35.0	42,130	32.7	40,030	31.4	89,110	34.4	83,760	32.6
Motor vehicle accidents	E810-E825		3,540	16.5	3,470	16.4	19,250	14.9	18,180	14.3	41,850	16.1	40,090	15.6
All other accidents and adverse effects	E800-E807,E826-E949		3,860	18.0	3,940	18.6	22,880	17.7	21,850	17.1	47,260	18.2	43,670	17.0
Suicide	E950-E959		2,830	13.2	2,410	11.4	15,290	11.9	14,600	11.5	30,680	11.8	28,840	11.2
Homicide and legal intervention	E960-E978		1,800	8.4	2,060	9.7	11,460	8.9	11,650	9.1	24,600	9.5	24,540	9.6
All other external causes	E980-E999		180	0.8	140	0.7	1,110	0.8	1,300	1.0	2,400	0.9	2,450	1.0
Human immunodeficiency virus infection ²	*042-044		2,970	13.9	3,230	15.2	19,090	14.8	18,000	14.1	38,060	14.7	34,710	13.5

¹Includes data for deaths due to Human immunodeficiency virus infection (category nos. 042-044) shown separately below; see Technical notes.

²Included in All other infectious and parasitic diseases shown above.

NOTES: Figures include all revisions received from the States. Cumulative and 12-month figures for the current year reflect revisions received for previous months, and figures for earlier years may differ from those previously published.

Table 7. Provisional number of deaths and death rates for 16 selected subcategories of Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues: United States, June 1993 and 1994, cumulative figures 1993 and 1994, and 12 months ending with June 1993 and 1994

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population. Due to rounding of estimates, figures may not add to totals. For method of computation and information on standard errors of the estimates, see Technical notes]

Cause of death (Ninth Revision, International Classification of Diseases, 1975)	June		January-June		12 months ending with June							
	1994		1993		1994		1993					
	Number	Rate	Number	Rate	Number	Rate	Number	Rate				
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues ¹	42,990	200.8	41,950	198.1	265,880	206.3	262,550	205.9	534,600	206.1	525,290	204.7
Malignant neoplasm of esophagus	980	4.6	770	3.6	5,810	4.5	4,810	3.8	11,230	4.3	10,210	4.0
Malignant neoplasm of stomach	1,130	5.3	1,170	5.5	6,610	5.1	6,750	5.3	13,700	5.3	13,170	5.1
Malignant neoplasms of colon, rectum, sigmoid junction, and anus	4,470	20.9	4,760	22.5	28,450	22.1	27,630	21.7	57,400	22.1	56,210	21.9
Malignant neoplasm of pancreas	1,890	8.8	2,030	9.6	13,170	10.2	13,100	10.3	26,650	10.3	26,380	10.3
Malignant neoplasms of trachea, bronchus, and lung	11,460	53.5	11,480	54.2	72,930	56.6	73,830	57.9	147,990	57.1	147,450	57.5
Malignant melanoma of skin	650	3.0	470	2.2	3,690	2.9	3,240	2.5	7,230	2.8	6,700	2.6
Malignant neoplasm of cervix uteri	390	1.8	310	1.5	2,260	1.7	2,270	1.8	4,810	1.9	4,500	1.8
Malignant neoplasms of body of uterus and of uterus, part unspecified	540	2.5	480	2.3	3,000	2.3	3,010	2.4	5,980	2.3	6,200	2.4
Malignant neoplasm of ovary	1,200	5.6	1,070	5.0	6,580	5.1	6,520	5.1	12,810	4.9	12,990	5.1
Malignant neoplasm of prostate	3,060	14.3	2,670	12.6	17,720	13.7	17,780	14.0	35,280	13.6	34,640	13.5
Malignant neoplasm of bladder	870	3.7	890	4.2	5,660	4.3	5,470	4.3	11,160	4.3	10,800	4.2
Malignant neoplasm of kidney and other and unspecified urinary organs	870	4.1	1,010	4.8	5,650	4.4	5,470	4.3	11,280	4.3	11,100	4.3
Malignant neoplasms of brain and other and unspecified parts of nervous system	1,170	5.5	1,100	5.2	5,830	4.5	5,640	4.4	11,340	4.4	11,070	4.3
Hodgkin's disease	90	0.4	160	0.8	730	0.6	850	0.7	1,480	0.6	1,670	0.7
Malignant lymphoma other than Hodgkin's disease	200,202	9.1	1,750	8.3	11,270	8.7	10,480	8.2	22,130	8.5	21,360	8.3
Multiple myeloma and other immunoproliferative neoplasms	790	3.7	860	4.1	5,100	4.0	5,060	4.0	9,930	3.8	9,960	3.9

¹Includes figures for subcategories not shown below.

NOTES: Figures include all revisions received from the States. Cumulative and 12-month figures for the current year reflect revisions received for previous months, and figures for earlier years may differ from those previously published.

Table 8. Provisional number of deaths and death rates for injury by firearms: United States, June 1993 and 1994, cumulative figures 1993 and 1994, and 12 months ending with June 1993 and 1994

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population. Due to rounding of estimates, figures may not add to totals. For method of computation and information on standard errors of the estimates, see Technical notes]

Cause of death (Ninth Revision, International Classification of Diseases, 1975)	June		January-June		12 months ending with June							
	1994		1993		1994		1993					
	Number	Rate	Number	Rate	Number	Rate	Number	Rate				
Injury by firearms	3,360	15.7	3,020	14.3	18,730	14.5	18,280	14.3	39,250	15.1	36,950	14.4
Accident caused by firearm missile	160	0.7	120	0.6	700	0.5	850	0.7	1,530	0.6	1,680	0.7
Suicide by firearms	1,840	8.6	1,430	6.7	9,750	7.6	8,930	7.0	19,620	7.6	17,870	7.0
Homicide and legal intervention by firearms	1,340	6.3	1,450	6.8	8,180	6.4	8,330	6.5	17,800	6.9	17,090	6.7
Injury by firearms, undetermined whether accidentally or purposely inflicted	30	*	20	*	110	0.1	170	0.2	310	0.1	310	0.1

NOTES: Figures include all revisions received from the States. Cumulative and 12-month figures for the current year reflect revisions received for previous months, and figures for earlier years may differ from those previously published.

Table 9. Provisional number of deaths under 1 year and infant mortality rates, by age and for 10 selected causes: United States, June 1993 and 1994, cumulative figures 1993 and 1994, and 12 months ending with June 1993 and 1994

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 live births. Due to rounding of estimates, figures may not add to totals. For method of computation and information on standard errors of the estimates, see Technical notes]

Age and cause of death (Ninth Revision, International Classification of Diseases, 1975)	June		January-June		12 months ending with June							
	1994		1993		1994		1993					
	Number	Rate	Number	Rate	Number	Rate	Number	Rate				
Total, under 1 year	2,500	790.3	2,700	840.0	15,900	813.3	17,000	860.3	32,200	805.7	33,800	842.1
Under 28 days	1,630	505.6	1,690	535.5	9,570	488.9	10,350	523.3	20,610	516.2	21,180	527.8
28 days to 11 months	920	285.4	960	304.2	6,330	323.4	6,660	336.7	11,540	289.0	12,610	314.2
Certain gastrointestinal diseases	20	*	10	*	110	5.6	90	*	220	5.5	230	5.7
Pneumonia and influenza	30	158.2	50	155.3	300	15.3	310	15.7	450	11.3	590	14.7
Congenital anomalies	510	158.2	490	155.3	3,180	162.5	3,290	166.3	6,620	165.8	7,010	174.7
Disorders relating to short gestation and unspecified low birthweight	300	93.1	330	104.6	1,970	100.7	2,000	101.1	4,060	101.7	3,940	98.2
Birth trauma	30	*	30	76.8	130	6.6	70	*	200	5.0	140	3.5
Intrauterine hypoxia and birth asphyxia	30	*	60	47.5	220	11.2	330	16.7	540	13.5	740	18.4
Respiratory distress syndrome	150	46.5	150	47.5	850	43.4	1,020	51.6	1,920	48.1	2,130	53.1
Other conditions originating in the perinatal period	640	198.5	630	199.6	3,700	189.0	4,050	204.8	8,070	202.1	8,280	206.3
Sudden infant death syndrome	330	102.4	340	107.7	1,920	98.1	2,350	118.8	3,860	96.7	4,320	107.7
All other causes	520	161.3	590	186.9	3,530	180.4	3,520	178.0	6,210	155.5	6,400	159.5
Residual												

NOTES: Figures include all revisions received from the States. Cumulative and 12-month figures for the current year reflect revisions received for previous months, and figures for earlier years may differ from those previously published.

Technical notes

Nature and sources of data

Data in this report are provisional unless otherwise specified and include only events occurring within the United States. Mortality data exclude fetal deaths.

Birth, death, and infant death figures in tables 2 and 4 for each State are estimates by State of residence. These estimates are derived by applying adjustment ratios to the actual counts of certificates for all events occurring in the State and received in registration offices during a 1-month period regardless of date of the event. The adjustment ratios for each data year represent the observed relationship between final State occurrence and residence figures for the three most recent years for which final data were available and are expressed as a single ratio for each State. As in previous years, monthly State marriage and divorce figures represent the actual count of all events occurring in the State (State of occurrence) that were received in the registration offices during the 1-month period. Delay in the receipt of certificates in a registration office may result in a low State figure for a given month followed by a high figure for the month(s) in which the delayed records are received. Data for previous months and cumulative data include revised figures received from the States.

Figures for births, deaths, and infant deaths for California shown in tables 2 and 4 contain adjustments for varying length of State reporting periods. Figures for Texas for all events shown in tables 2-4 also are adjusted for varying length of State reporting periods. The figures for both States are adjusted by the ratio between the number of days in the data month and the number of days in the State reporting period. The adjusted figures are included in the U.S. totals shown elsewhere in this report.

U.S. totals for births, deaths, and infant deaths are based on the State estimates by State of residence and, therefore, in effect, exclude events to nonresidents of the United States. Events to nonresidents of the United

States are included in all marriage and divorce figures. The effect of excluding events to nonresidents from the U.S. totals is small.

Provisional totals for the United States include estimates for State data shown as not available. Provisional totals for births and marriages for the entire United States include adjustments for observed differences between provisional and final monthly figures.

Divorce figures include reported annulments. The monthly national divorce estimate is obtained by multiplying the total for the reporting areas by the ratio observed between the most recent final annual divorce total for the United States and the provisional total for the reporting areas combined.

Random variation—Although the counts in this report are not subject to sampling variability (except the Current Mortality Sample), they may be affected by random variation. When the number of events is small and the probability of such an event is small, considerable caution must be observed in interpreting the data. Such infrequent events may be assumed to follow a Poisson probability distribution. For this distribution a simple approximation may be used to estimate the random variation as follows:

If N is the number of events in the population and R is the corresponding rate, the chances are 19 in 20 that

$$1. N - 2\sqrt{N} \text{ and } N + 2\sqrt{N}$$

covers the "true" number of events.

$$2. R - 2\frac{R}{\sqrt{N}} \text{ and } R + 2\frac{R}{\sqrt{N}}$$

covers the "true" rate.

If the rate R_1 corresponding to N_1 events is compared with the rate R_2 corresponding to N_2 events, the difference between the two rates may be regarded as statistically significant at the 0.05 level if it exceeds

$$2\sqrt{\frac{R_1^2}{N_1} + \frac{R_2^2}{N_2}}$$

Additional information on random variation in numbers of events, rates, and ratios may be found in the technical

appendixes of *Vital Statistics of the United States, 1989*, volumes I and II.

Rates

Rates are on an annual basis and, except for infant mortality rates, are per 1,000 or 100,000 estimated population residing in the United States. The populations used for computing these rates are furnished by the U.S. Bureau of the Census. Rates shown in this report were computed using populations comparable to those used for final data. Monthly rates are based on populations estimated for the specific month. Year-to-date rates are averages of monthly rates that have been weighted by the number of days in the corresponding months. Rates for 12-month periods are the sum of events for the period per population estimated at the midpoint of the period.

Infant mortality rates are deaths under 1 year of age for the specified period (monthly, year-to-date, or 12-month period) per 1,000 or 100,000 live births. Births used for computing monthly and year-to-date infant mortality rates are adjusted for monthly variation in the number of births. Births used to compute 12-month rates do not contain this adjustment. Births used for computing infant mortality rates are not corrected for observed differences between provisional and final monthly figures as described in Nature and sources of data. Because monthly infant mortality rates are based on relatively few events, they are highly variable. Therefore, comparisons of monthly infant mortality rates should be interpreted cautiously; see Random variation.

Age-adjusted death rates are used to compare relative mortality risks across groups and over time. However, they should be viewed as constructs or indexes rather than as direct or actual measures of mortality risk. Statistically, they are weighted averages of the age-specific death rates, where the weights represent the fixed population proportions by age. See chapter 5 of an earlier report (2). The age-adjusted death rates presented in this report were computed by the direct method, that is, by applying age-specific death rates to the U.S. standard million population (3). See also chapter 10 of an earlier report (2). Age groups in table 5 were used to compute the age-adjusted

rates shown in that table. The age-adjusted death rates on which the State maps are based and which are shown with the State maps were computed from average annual age-specific death rates in 10-year age groups for the specified 3-year period. The average annual age-specific death rates were computed by dividing the number of deaths in an age group for the 3-year period by three times the population in that age group estimated at the midpoint of the period (4). It is important not to compare age-adjusted rates with crude rates.

Current Mortality Sample

The Current Mortality Sample (CMS) is a 10-percent systematic sample of death certificates drawn each month after the certificates are counted in the State registration offices. Deaths and death rates for the United States by age, race, sex, and cause are estimated based on the sample. Because of the additional time required to select and process the certificates, data based on the CMS are published 1 month after publication of the U.S. and State counts. Complete information concerning the underlying cause of death sometimes is not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is not made in this report but is made in the annual summary (issue number 13 in this series) each year.

Estimated numbers of deaths based on the sample were proportionately adjusted to be consistent with estimates based on the count of death certificates received in State registration offices.

HIV infection—Beginning with data for 1987, the National Center for Health Statistics introduced category numbers *042–*044 for classifying and coding Human immunodeficiency virus infection. The asterisk before the category numbers indicates that these codes are not part of the *Ninth Revision, International Classification of Diseases*. Deaths classified to these categories are included in All other infectious and parasitic diseases in the List of 72 Selected Causes of Death and are also shown separately at the bottom of table 6.

Sampling variability—Because the estimates of deaths and death rates presented in this report (with the exception of total deaths and deaths under 1 year) are based on a sample of death certificates, they are subject to sampling variability. The estimated relative standard error shown in the following table 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 first column refers to monthly estimates; the second, to annual; cumulative year-to-date totals fall between the two.

The chances are about 2 in 3 that the percent difference between an estimate and the result of a complete count is less than the percent shown. The chances are about 19 in 20 that the percent difference is less than twice the percent shown. A figure based on 100 or fewer estimated deaths has a relative standard error of 30 percent or more and is, therefore, considered unreliable. A rate based on 100 or fewer estimated deaths has been replaced by an asterisk.

Unless otherwise specified, comparisons made in the text between death rates based on the CMS were statistically significant at the 0.05 level of significance. Lack of comment in the text about any two rates does not mean

that the difference was tested and found not to be significant at this level.

Mortality Surveillance System—The Mortality Surveillance System (MSS) charts are based entirely on monthly provisional data from the CMS. Where sample size permits, age-race-sex comparisons are made for the causes of death. Where sample size is too small, only age-sex comparisons are made. A time series regression model of the following form was used:

$$Y(t) = A_0 + A_1t + A_2t^2 + C \cos(2\pi t/12) + S \sin(2\pi t/12) + \epsilon_t$$

where

$Y(t)$ = monthly death rate at time t

t = month number

A_0 = coefficient, which, together with C determines the Y -intercept

A_1 = coefficient of t

A_2 = coefficient of t^2

C, S = coefficients of the harmonic terms

ϵ_t = error terms, assumed to be independent and normally distributed with means 0 and constant variances,

and $\cos(2\pi t/12)$ and $\sin(2\pi t/12)$ are 12-month period harmonic functions.

The coefficients of this model were estimated using provisional monthly death rates for January 1985 through the month that is 12 months prior to the latest month shown in the chart. The graph of the estimated equation and 95-percent prediction intervals is shown for January 1986 through the month that is 12 months prior to the latest month shown in the chart; the graph for the subsequent 12 months is projected (5). Symbols in each chart represent actual monthly death rates based on the CMS. In some cases the data are converted by the natural logarithm before fitting the model. For graphical purposes the data are converted back to rates by the inverse of the natural logarithm. This procedure has the advantage of avoiding negative prediction intervals for the model. The models, parameter estimates, and statistical tests for lack of fit are available on request for the charts published in the MSS. Time series

Relative standard errors for estimated numbers of deaths from the Current Mortality Sample expressed as a percent of the estimate

Estimated number of deaths	Relative standard error of estimate (as percent)	
	170,000 estimated deaths each month	2,000,000 estimated deaths each year
10	94.9	94.9
20	67.1	67.1
50	42.4	42.4
100	30.0	30.0
200	21.2	21.2
500	13.4	13.4
1,000	9.5	9.5
2,000	6.7	6.7
5,000	4.2	4.2
10,000	2.9	3.0
20,000	2.0	2.1
50,000	1.1	1.3
100,000	0.6	0.9
200,000 . . . . .	...	0.6
500,000 . . . . .	...	0.4
1,000,000 . . . . .	...	0.2

regression models have been used previously to describe trends in mortality data (6–8). A list of MSS cause-of-death topics and comparable *Healthy People 2000* (1) objectives is presented on the back of this report.

State maps

Unlike other data presented in this report, the State maps are based on final data instead of provisional data. The age-adjusted death rates used to produce the State maps were computed by using a 3-year total number of deaths for 1989–91 and the 1990 census population enumerated as of April 1, 1990 (4). Assigning the States into the given categories on the maps was carried out in two steps: a) determining whether the State age-adjusted death rate differed significantly from the corresponding U.S. rate at the 0.05 level of significance; b) then grouping the State rates found to be significantly different from the U.S. rate into the four categories: 10 highest State rates of those significantly greater than the U.S. rate, remaining State rates significantly greater than the U.S. rate, 10 lowest State rates of those significantly lower than the U.S. rate, and remaining State rates significantly lower than the U.S. rate. Age-adjusted death rates and the corresponding 95-percent confidence intervals are shown in the tables. The symbols † and †† in the tables are used to denote State rates that differ significantly from the U.S. rate at the 0.05 and 0.01 levels of significance, respectively. Different procedures were used to determine tests of statistical significance and confidence intervals, depending on the number of deaths.

For 50 deaths or more, the standard normal Z statistic was used to perform the significance test:

$$Z = (R'_s - R'_{us}) / \sqrt{S^2(R'_s) + S^2(R'_{us})}$$

where

R'_s = age-adjusted rate for

1989–91 for the given State per 100,000 U.S. standard million population

R'_{us} = age-adjusted rate for 1989–91 for the United States per 100,000 U.S. standard million population

$S^2(R'_s)$ = estimated variance of the age-adjusted death rate for 1989–91 for the State

$S^2(R'_{us})$ = estimated variance of the age-adjusted death rate for 1989–91 for the United States

The variance of the age-adjusted death rate was computed in terms of the variances of age-specific death rates (9) under the assumption that the age-specific death rates are binomial proportions (10). The 95-percent confidence limits were estimated as follows:

$$\text{Lower limit} = R'_s - 1.96 \cdot S(R'_s)$$

and

$$\text{Upper limit} = R'_s + 1.96 \cdot S(R'_s)$$

For 1–49 deaths the lower and upper 95-percent confidence limits were estimated as described elsewhere (11). The difference between the State and U.S. age-adjusted rates was determined to be statistically significant at the 0.05 or 0.01 level if the rates' respective 95-percent or 99-percent confidence limits did not overlap.

For zero deaths, the following test statistic (λ) was used to perform the significance test:

$$\lambda = \left[\sum_{x=1}^n M_{x(us)} \cdot P_{x(s)} \right] / 100,000$$

where

$M_{x(us)}$ = age-specific death rate per 100,000 population in the x th age group for the United States

$P_{x(s)}$ = population in the x th age group for the given State

n = number of age groups = 11.

The difference between the State and U.S. age-adjusted rates was determined to be statistically significant at the 0.05 level

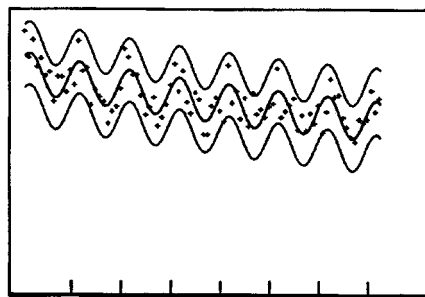
if $3.00 \leq \lambda < 4.61$. The difference between the State and U.S. age-adjusted rates was determined to be statistically significant at 0.01 level if $\lambda \geq 4.61$ (12). For zero deaths, confidence limits for the age-adjusted death rates are not applicable.

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Mortality Surveillance System topics

<i>MVSR issue</i>	<i>Cause-of-death</i>	<i>Healthy People 2000 Objective Number</i>
Vol. 42 No. 8	Malignant neoplasm of prostate, Malignant neoplasm of breast	(¹), 16.3
Vol. 42 No. 9	Motor vehicle accidents	9.3
Vol. 42 No. 10	Suicide	6.1 (7.2)
Vol. 42 No. 11	Accidents and adverse effects, Homicide and legal intervention	9.1, 7.1 (²)
Vol. 42 No. 12	Infant mortality, Neonatal mortality, Postneonatal mortality, and Sudden infant death syndrome	14.1 (³)
Vol. 43 No. 1	Human immunodeficiency virus infection	(⁴)
Vol. 43 No. 2	Cerebrovascular diseases	15.2
Vol. 43 No. 3	Chronic obstructive pulmonary diseases and allied conditions	3.3
Vol. 43 No. 4	Diabetes mellitus	17.9
Vol. 43 No. 5	Diseases of heart	1.1 (2.1, 3.1, 15.1)
Vol. 43 No. 6	Malignant neoplasms including neoplasms of lymphatic and hematopoietic tissues	2.2 (16.1)
Vol. 43 No. 7	Malignant neoplasms of trachea, bronchus, and lung	3.2 (16.2)



¹No *Healthy People 2000* objective addresses mortality from Malignant neoplasm of prostate.
²No *Healthy People 2000* objective addresses mortality from Legal intervention.
³No *Healthy People 2000* objective addresses mortality from Sudden infant death syndrome.
⁴No *Healthy People 2000* objective addresses mortality from this cause. See Chapter 18 for objectives related to Human immunodeficiency virus infection.
 NOTE: The cause-of-death categories used in *Healthy People 2000* objective(s) may differ from those used in NCHS Mortality Tabulation Lists.

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