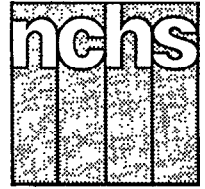


Monthly Vital Statistics Report



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

Revised May 10, 1993

Births, Marriages, Divorces, and Deaths for November 1992

Mortality Surveillance System pages 4-7
Accidents and adverse effects and Homicide and legal intervention: Males 25-44 years of age by race
State Maps pages 8-9
Accidents and adverse effects and Homicide and legal intervention: Males

Births

According to provisional reports, an estimated 331,000 births occurred in the United States during November 1992. This was an increase of 2 percent from the provisional number of births reported for November 1991 (324,000). The birth rate, 15.7 live births per 1,000 population, was 1 percent higher than the rate of 15.5 for November 1991. The fertility rate, 68.5 live births per 1,000 women aged 15-44 years, was 3 percent higher than the comparable rate for November 1991 (66.8). The seasonally adjusted fertility rate (70.6) also was 3 percent higher than the comparable rate for November a year earlier (68.7).

During the first 11 months of 1992, an estimated 3,754,000 births occurred, a slight decline from the 3,769,000 reported for the first 11 months of 1991. The birth rate for this period declined by 2 percent from 16.3 in 1991 to 16.0 in 1992.

An estimated 4,096,000 live births occurred in the 12-month period ending with November 1992, a decline of 1 percent from the 4,119,000 births reported for the same period a year earlier. The birth rate of 16.0 was 2 percent lower than the rate of 16.3 for the preceding 12 months. The fertility rate for the most recent 12-month period was 69.5, slightly lower than the rate for the 12 months ending with

Provisional Vital Statistics for the United States

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

Item	November				January-November				12 months ending with November					
	Number		Rate		Number		Rate		Number		Rate			
	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1990	1989
Live births	331,000	324,000	15.7	15.5	3,754,000	3,769,000	16.0	16.3	4,096,000	4,119,000	16.0	16.3	16.6	16.1
Fertility rate			68.5	66.8			69.6	69.8			69.5	69.8	71.0	68.5
Deaths	182,000	176,000	8.6	8.4	1,998,000	1,973,000	8.5	8.5	2,189,000	2,161,000	8.5	8.5	8.7	8.6
Infant deaths	2,700	3,000	8.1	9.0	31,500	33,500	8.4	8.9	34,400	36,700	8.5	9.0	9.1	9.7
Natural Increase	149,000	148,000	7.1	7.1	1,756,000	1,796,000	7.5	7.8	1,907,000	1,958,000	7.5	7.8	7.9	7.5
Marriages	173,000	177,000	8.2	8.4	2,174,000	2,191,000	9.3	9.5	2,354,000	2,383,000	9.2	9.4	9.8	9.7
Divorces	96,000	93,000	4.5	4.4	1,095,000	1,088,000	4.7	4.7	1,194,000	1,186,000	4.7	4.7	4.7	4.7

NOTE: 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.



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control and Prevention
National Center for Health Statistics



November 1991 (69.8). 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 149,000 people, or 7.1 persons per 1,000 population, were added to the population during November 1992.

For the 12-month period ending with November 1992, 1,907,000 persons were added to the population. This represents a rate of natural increase of 7.5, 4 percent lower than the rate of 7.8 for the preceding 12-month period. The decline in the rate of natural increase is due entirely to a decrease in the birth rate.

Marriages

For November 1992, the number of marriages and the marriage rate per 1,000 population were 2 percent lower than for November 1991. The number of marriages dropped from 177,000 to 173,000, while the marriage rate declined from 8.4 to 8.2.

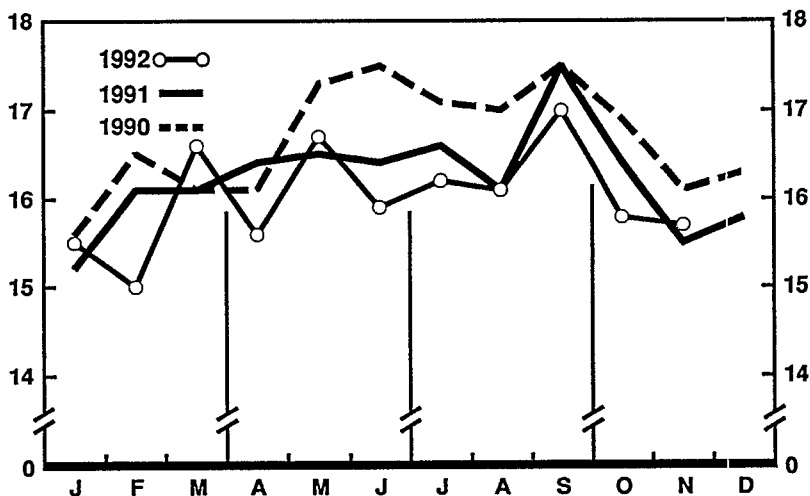
For January–November 1992, the number of marriages totaled 2,174,000, a 1-percent decline from the first 11 months of 1991 (2,191,000). The marriage rate for this period declined 2 percent, from 9.5 in 1991 to 9.3 in 1992.

The number of marriages performed during the 12 months ending with November 1992 (2,354,000) was 1 percent lower than for the comparable period a year earlier (2,383,000). The 12-month marriage rate dropped 2 percent, from 9.4 in 1991 to 9.2 in 1992.

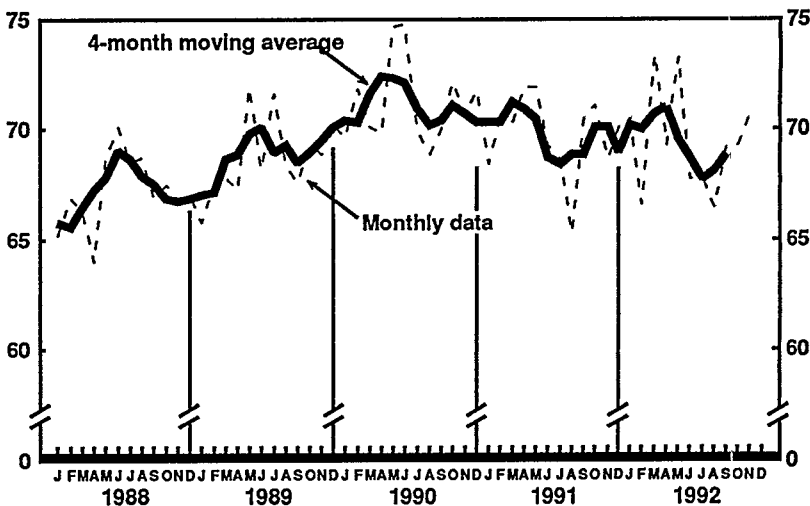
Divorces

The estimated number of divorces granted in November 1992 was 96,000, a 3-percent increase from November 1991 (93,000). The divorce rate for November 1992 was 4.5 per 1,000 population, 2 percent higher than a year earlier (4.4).

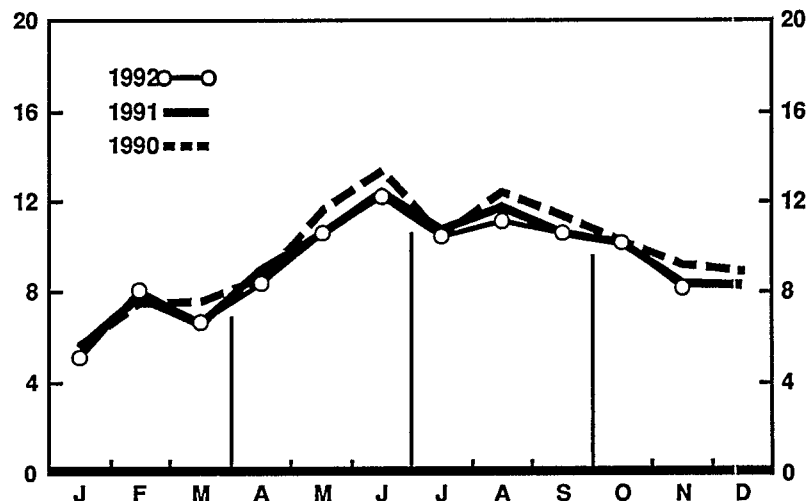
During January–November 1992, there were approximately 1,095,000 divorces, a 1-percent increase from the estimated number for the first 11 months of 1991 (1,088,000). However, the divorce rate remained steady at 4.7.



Provisional birth rates per 1,000 population by month: United States, 1990-92



Provisional seasonally adjusted fertility rates per 1,000 women aged 15-44: United States, 1988-92



Provisional marriage rates per 1,000 population by month: United States, 1990-92

Divorces granted during the 12-month period ending with November 1992 totaled 1,194,000, a 1-percent increase from the number for the comparable period a year earlier (1,186,000). Despite the slight increase in the number, the divorce rate for this period was 4.7 for both years.

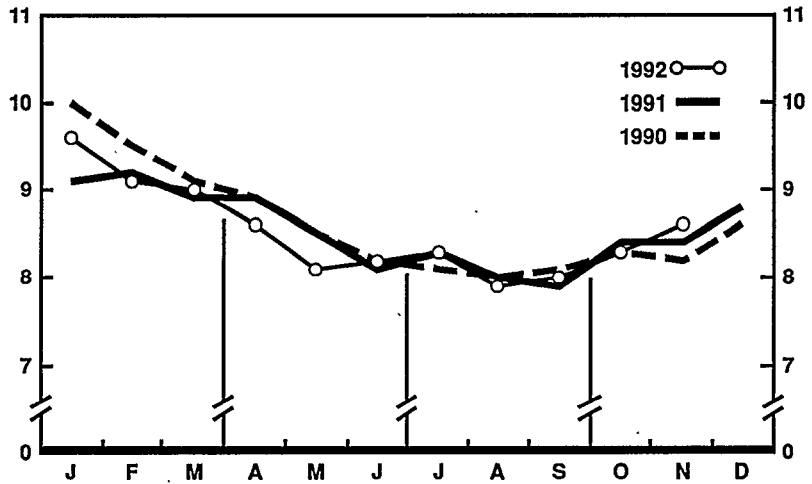
Deaths

During November 1992, an estimated 182,000 deaths occurred in the United States. The death rate was 8.6 deaths per 1,000 population, 2 percent higher than the rate for November a year earlier. Among the 182,000 deaths for November 1992 were 2,700 deaths at ages under 1 year.

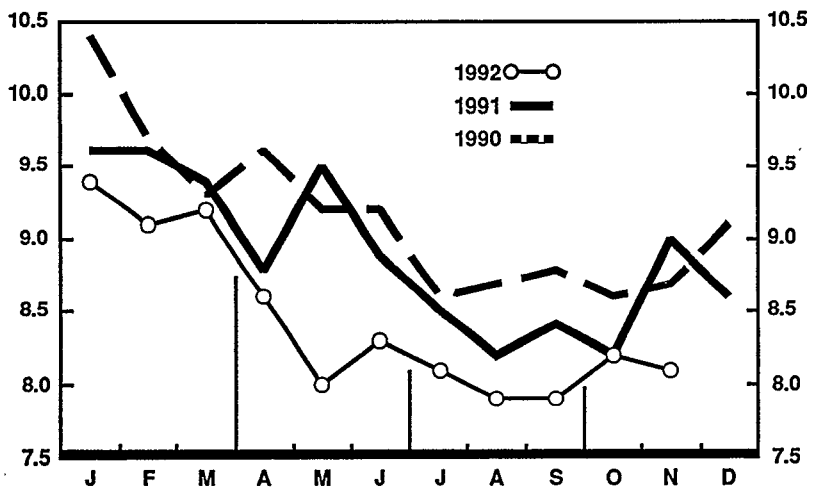
According to provisional statistics, 1,998,000 deaths occurred during the first 11 months of 1992, 1 percent higher than the number estimated for January–November 1991 (1,973,000). The death rate, 8.5 per 1,000 population, was the same as the rate for January–November 1991. Among the 1,998,000 deaths for the first 11 months of 1992 were 31,500 deaths at ages under 1 year, yielding an infant mortality rate of 8.4 per 1,000 live births. This rate was 6 percent lower than the rate of 8.9 for the first 11 months of 1991.

The death rate for the 12 months ending with November 1992 was 8.5 deaths per 1,000 population, the same as the rate for the comparable 12-month period a year earlier. The infant mortality rate was 8.5 per 1,000 live births, 6 percent lower than the rate of 9.0 for the 12 months ending with November 1991.

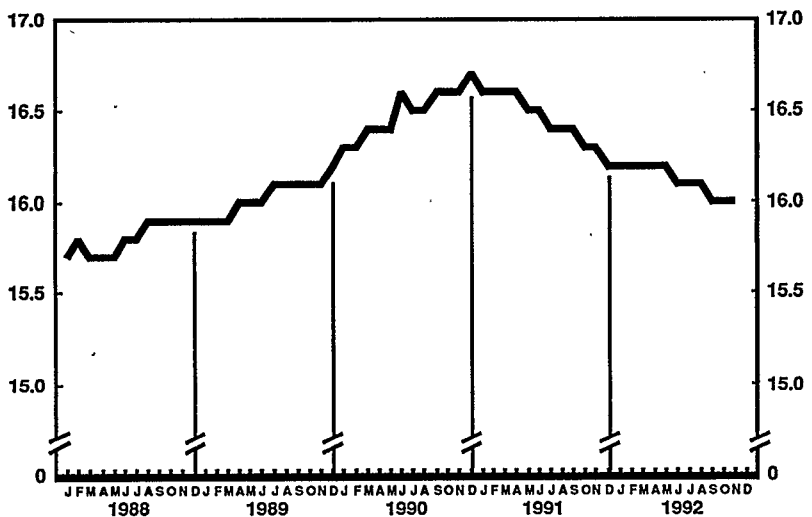
Current Mortality Sample, 12 months ending with October 1992—The provisional death rate for the 12 months ending with October 1992 was 853.3 deaths per 100,000 population, slightly higher than the rate of 851.3 for the 12-month period ending with October 1991. The provisional age-adjusted death rate for the 12-month period ending with October 1992 was 502.7 deaths per 100,000 population, 1 percent lower than the rate of 506.3 for the 12-month period ending with October 1991. Age-adjusted death



Provisional death rates per 1,000 population by month: United States, 1990-92



Provisional infant mortality rates per 1,000 live births by month: United States, 1990-92



Provisional birth rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1988-92

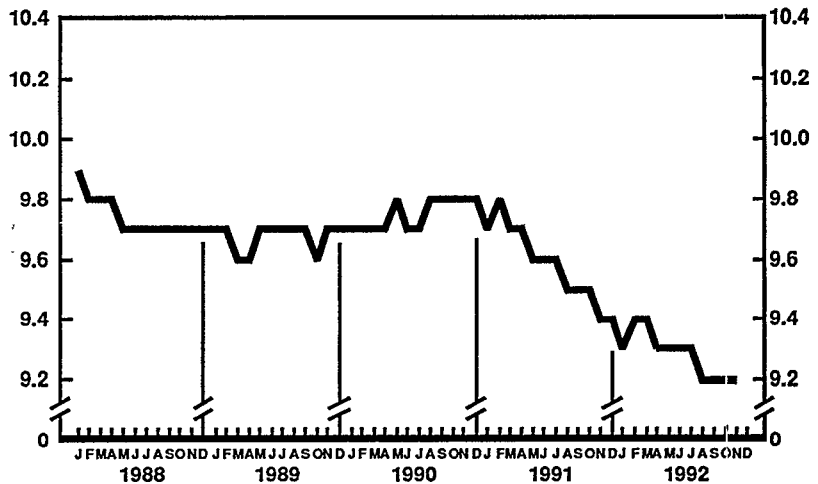
rates control for changes and variations in the age composition of the population; therefore, they are better indicators than crude rates for showing changes in mortality risk over time and for showing differences between race-sex groups within the population. Among the race-sex groups, the estimated age-adjusted death rates decreased for white males and white females. By age, the death rate for the total population decreased for the age groups under 1 year and 85 years and over but increased for the age group 35-44 years.

Among the major causes of death, the estimated death rate increased between the two successive 12-month periods for Malignant neoplasms of respiratory and intrathoracic organs, Chronic obstructive pulmonary diseases, and Human immunodeficiency virus (HIV) infection. The death rate decreased between the two successive 12-month periods for Motor vehicle accidents.

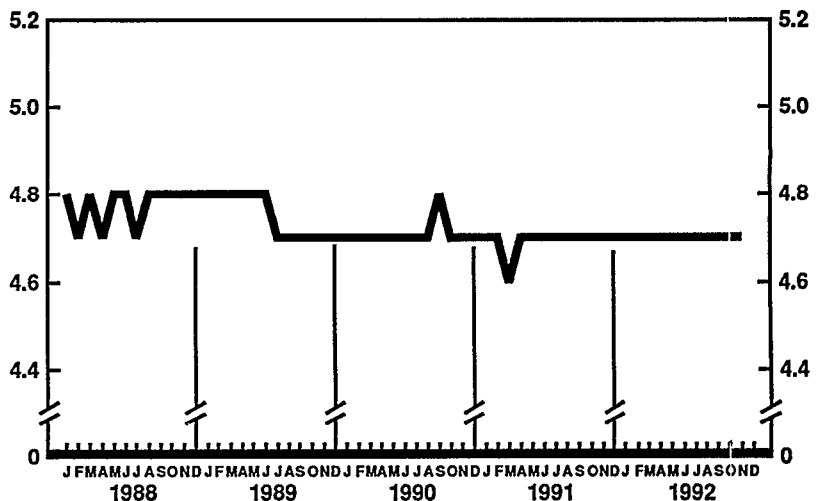
The infant mortality rate for the 12 months ending with October 1992 was 854.7 per 100,000 live births, 4 percent lower than the rate of 894.0 for the comparable period a year earlier. For infants under 28 days, the 12-month rate ending with October 1992 was 537.8 compared with a rate of 564.2 for the 12-month period a year earlier. The infant mortality rate for infants 28 days to 11 months was 317.0 compared with a rate of 330.0 for the same period a year earlier. The changes in the mortality rates for infants under 28 days and for those 28 days to 11 months were not statistically significant. Among causes of infant death, the infant mortality rate decreased between the two successive 12-month periods for Disorders relating to short gestation and unspecified low birthweight and Respiratory distress syndrome.

Mortality Surveillance System

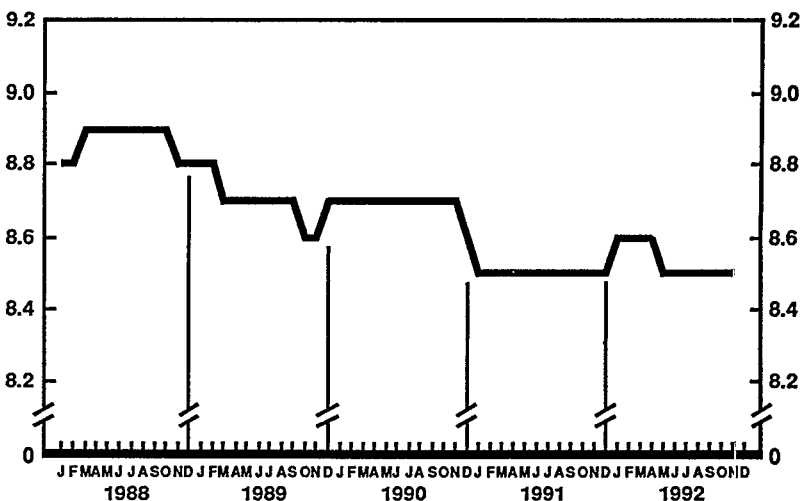
Discussed this month are recent trends in death rates for Accidents and adverse effects (accidents) and Homicide and legal intervention (homicide) for black and white men aged 25-44 years. In this issue, final mortality data



Provisional marriage rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1988-92



Provisional divorce rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1988-92



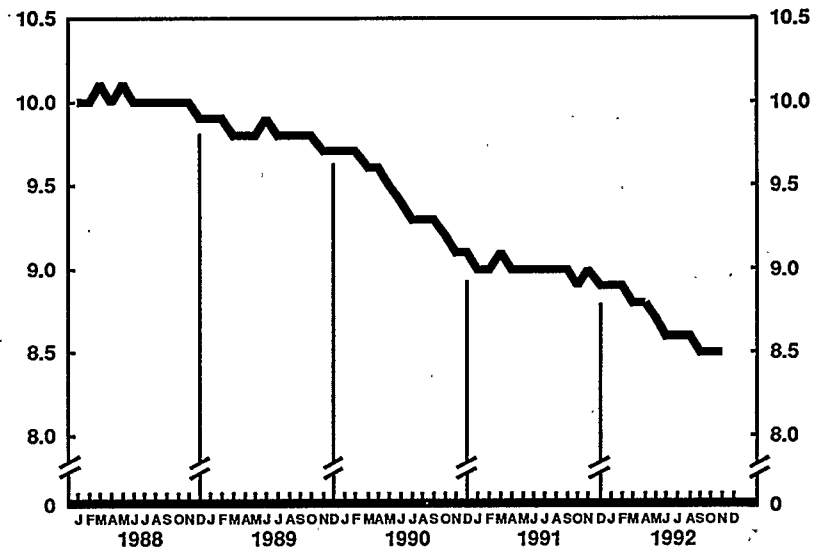
Provisional death rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1988-92

are analyzed for data year 1989 and provisional data from January 1982–April 1992.

In 1989, accidents was the third leading cause of death for black men aged 25–44 years (after homicide and HIV infection). It accounted for 3,476 deaths, or 14 percent of deaths from all causes for men in this age group. For white males aged 25–44 years, accidents was the leading cause of death, accounting for 17,792 deaths, or 24 percent of deaths from all causes for men in this age group.

In 1989, homicide was the leading cause of death for black men aged 25–44 years, accounting for 4,392 deaths, or 18 percent of deaths from all causes for men in this age group. For white males aged 25–44 years, homicide was the sixth leading cause of death accounting for 4,174 deaths, or 6 percent of deaths from all causes for men in this age group.

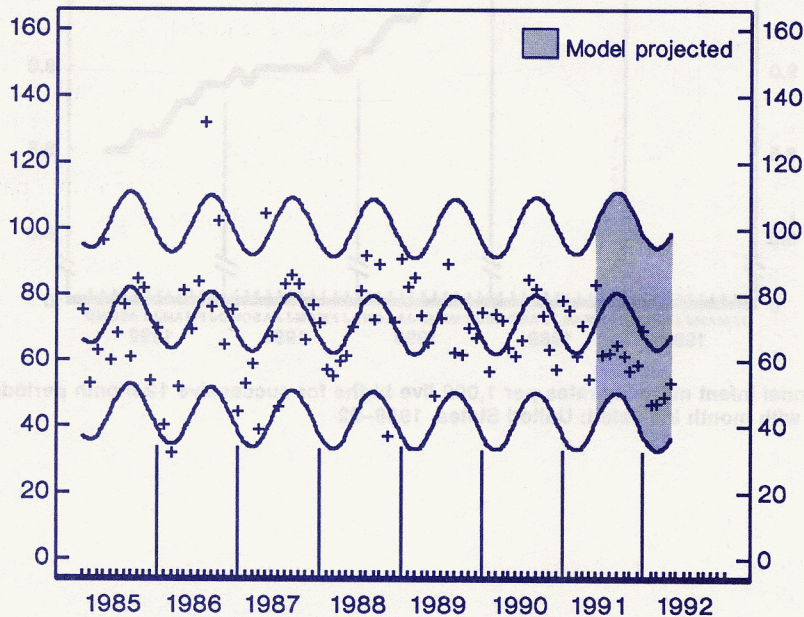
Based on 1989 final data, the death rate for accidents for black men aged 25–44 years was 1.5 times the rate for white men aged 25–44 years, and the rate for homicide for black men aged 25–44 years was 8.1 times the rate for white men in the same age group. Trends based on provisional data for these causes and demographic groups are presented in the Mortality Surveillance System charts and accompanying text that follow.



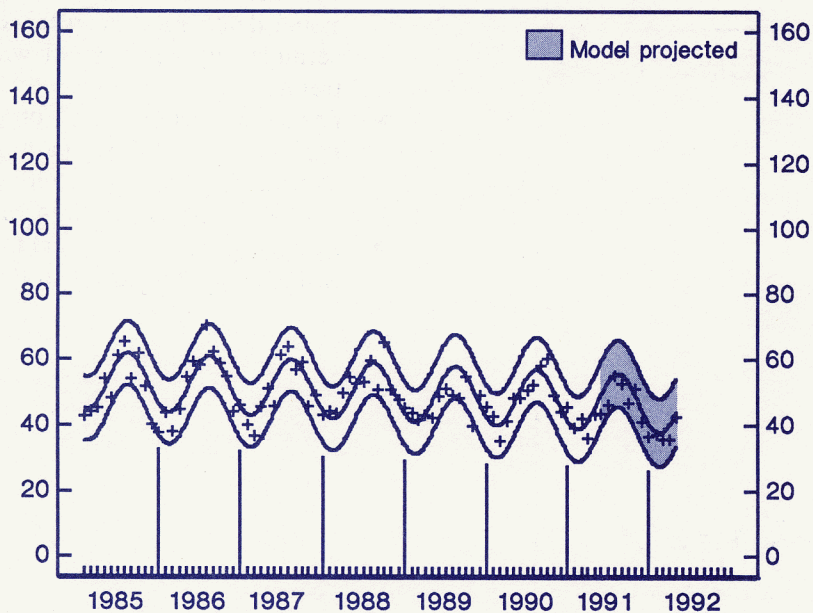
Provisional infant mortality rates per 1,000 live births for successive 12-month periods ending with month indicated: United States, 1988–92

Mortality Surveillance System Charts

[Observed and fitted provisional monthly death rates and 95-percent prediction intervals. Model fitted using death rates for January 1982–April 1991; projected for May 1991–April 1992. See Technical notes]



Provisional death rates per 100,000 black males 25–44 years of age for Accidents and adverse effects, by month: United States, 1985–92



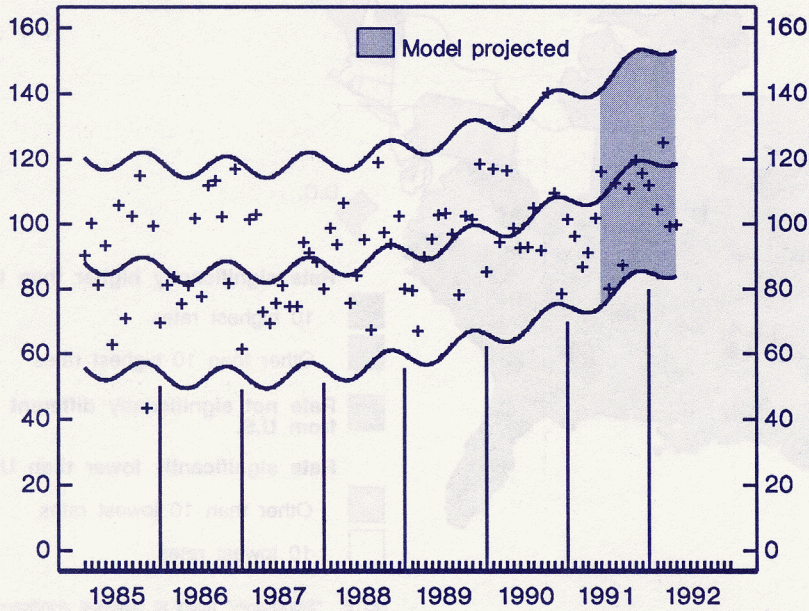
Provisional death rates per 100,000 white males 25–44 years of age for Accidents and adverse effects, by month: United States, 1985–92

- For the modeled period, provisional death rates showed no discernible upward or downward trend.
- For the projection period, observed provisional monthly death rates fell within 95-percent prediction intervals.
- For the projection period, 10 of the 12 observed provisional monthly death rates were below the predicted line.
- Mortality shows a seasonal pattern with death rates higher in the late summer.

- For the modeled period, provisional death rates decreased slightly.
- For the projection period, observed provisional monthly death rates fell within 95-percent prediction intervals.
- Mortality shows a seasonal pattern with death rates higher in the late summer.

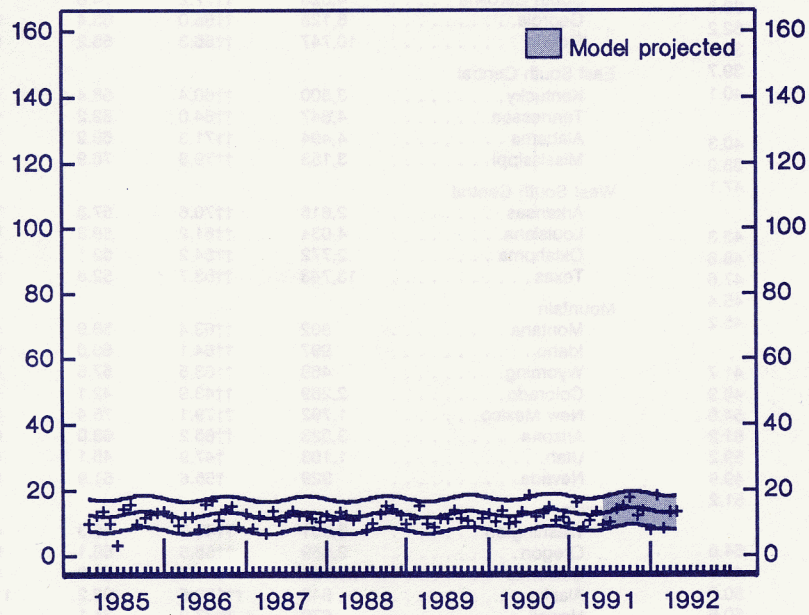
Mortality Surveillance System Charts – Con.

[Observed and fitted provisional monthly death rates and 95-percent prediction intervals. Model fitted using death rates for January 1982–April 1991; projected for May 1991–April 1992. See Technical notes]



- For the modeled period, provisional death rates have increased since the mid-1980's.
- For the projection period, observed provisional monthly death rates fell within 95-percent prediction intervals.
- Mortality shows a seasonal pattern with death rates higher in the fall.

Provisional death rates per 100,000 black males 25–44 years of age for Homicide and legal intervention, by month: United States, 1985–92

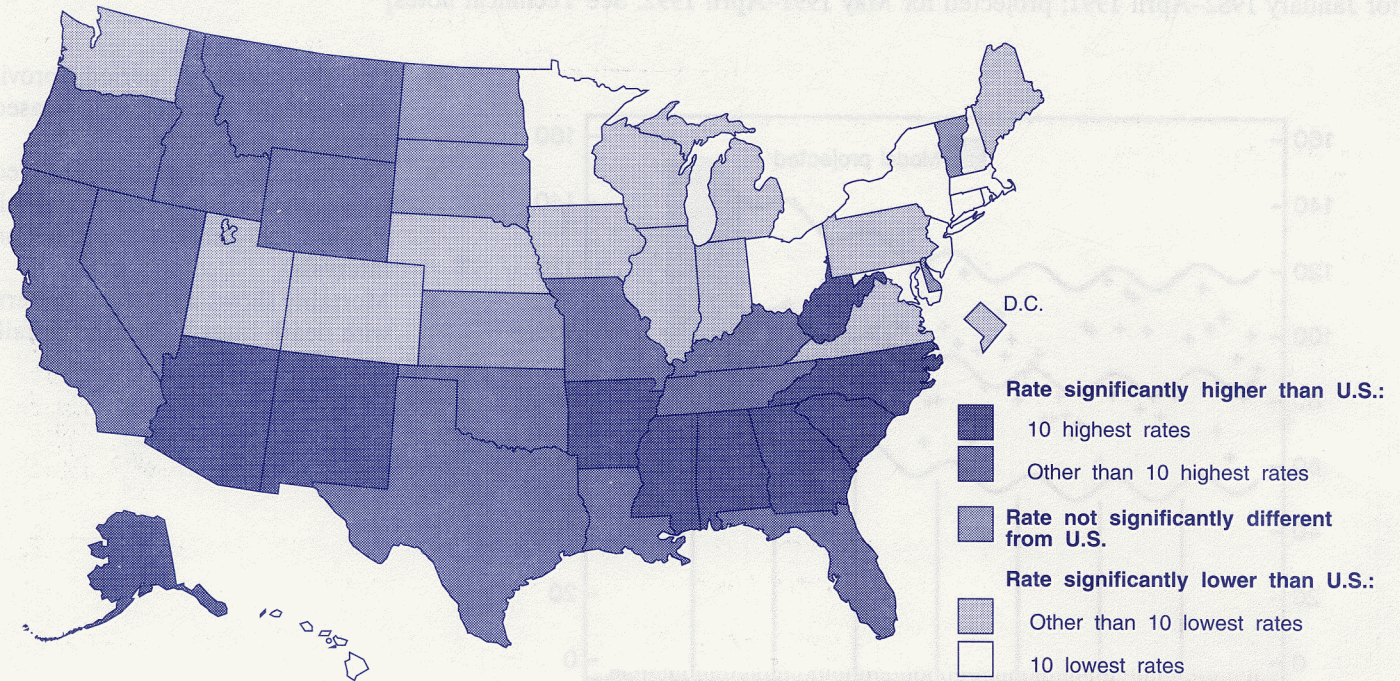


- For the modeled period, provisional death rates showed no discernible upward or downward trend.
- For the projection period, observed provisional monthly death rates, except for 1 month, fell within 95-percent prediction intervals.
- Mortality shows a seasonal pattern with death rates higher in the fall.

Provisional death rates per 100,000 white males 25–44 years of age for Homicide and legal intervention, by month: United States, 1985–92

Final 3-year total number of deaths and average annual age-adjusted death rates and 95-percent confidence limits for Accidents and adverse effects for males: United States and each State, 1987-89

[Data are final by State of residence]



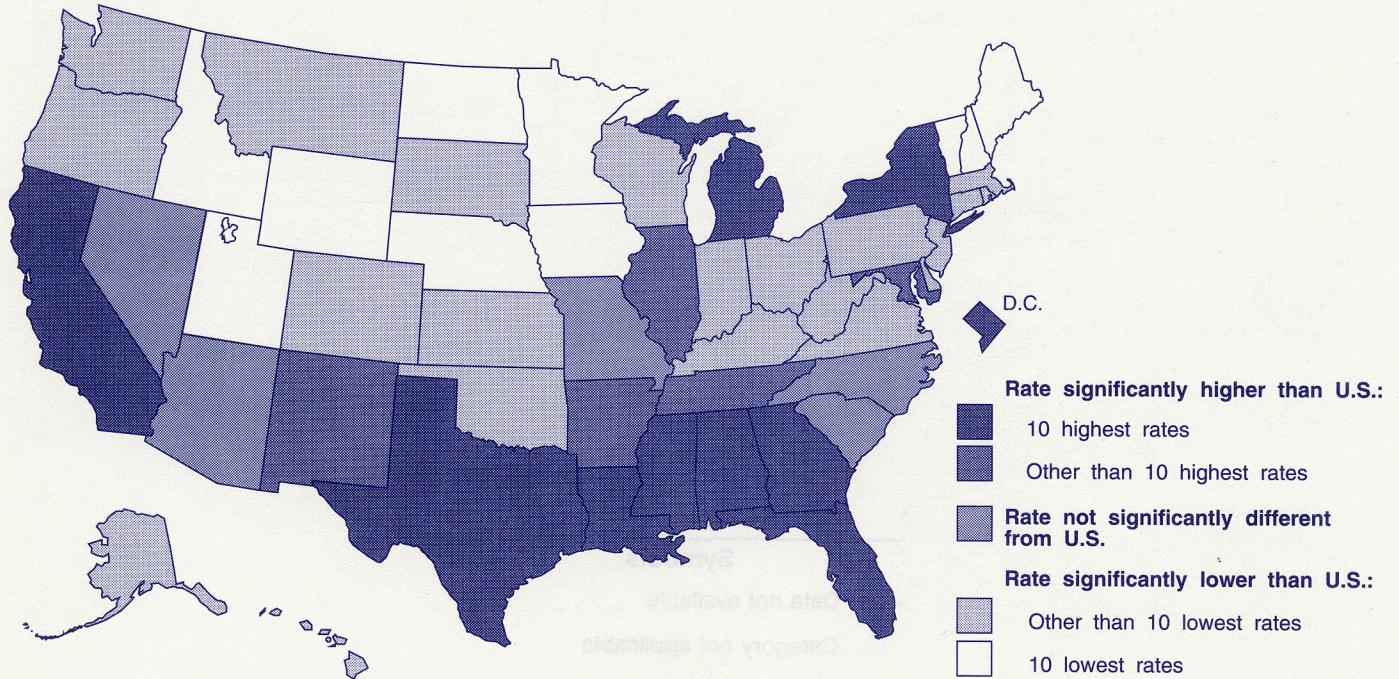
NOTE: "Significantly" refers to statistical significance at the 0.05 level.

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	194,549	50.8	50.6	51.0	South Atlantic—Con.				
New England					West Virginia	1,901	††65.3	62.3	68.3
Maine	863	††44.2	41.1	47.3	North Carolina	6,449	††64.3	62.7	65.9
New Hampshire	612	††36.8	33.8	39.8	South Carolina	4,023	††77.2	74.8	79.6
Vermont	434	47.6	43.0	52.2	Georgia	6,128	††65.0	63.4	66.6
Massachusetts	3,310	††34.6	33.4	35.8	Florida	10,747	††56.3	55.2	57.4
Rhode Island	591	††36.6	33.5	39.7	East South Central				
Connecticut	1,960	††38.3	36.5	40.1	Kentucky	3,500	††60.4	58.4	62.4
Middle Atlantic					Tennessee	4,847	††64.0	62.2	65.8
New York	11,141	††39.5	38.7	40.3	Alabama	4,494	††71.3	69.2	73.4
New Jersey	4,472	††36.9	35.8	38.0	Mississippi	3,153	††79.8	76.9	82.7
Pennsylvania	8,819	††46.1	45.1	47.1	West South Central				
East North Central					Arkansas	2,616	††70.6	67.8	73.4
Ohio	7,121	††42.3	41.3	43.3	Louisiana	4,034	††61.2	59.3	63.1
Indiana	4,089	††47.3	45.8	48.8	Oklahoma	2,772	††54.2	52.1	56.3
Illinois	8,383	††46.6	45.6	47.6	Texas	13,743	††53.7	52.8	54.6
Michigan	6,373	††44.3	43.2	45.4	Mountain				
Wisconsin	3,428	††43.7	42.2	45.2	Montana	802	††63.4	58.9	67.9
West North Central					Idaho	997	††64.1	60.0	68.2
Minnesota	2,848	††40.2	38.7	41.7	Wyoming	463	††63.5	57.5	69.5
Iowa	2,193	††46.8	44.7	48.9	Colorado	2,269	††43.9	42.1	45.7
Missouri	4,301	†52.9	51.3	54.5	New Mexico	1,792	††79.1	75.4	82.8
North Dakota	504	46.9	42.6	51.2	Arizona	3,523	††65.2	63.0	67.4
South Dakota	623	54.7	50.2	59.2	Utah	1,163	†47.9	45.1	50.7
Nebraska	1,220	††47.1	44.3	49.9	Nevada	929	†55.6	51.9	59.3
Kansas	1,946	48.9	46.6	51.2	Pacific				
South Atlantic					Washington	3,551	††47.9	46.3	49.5
Delaware	523	50.2	45.8	54.6	Oregon	2,559	††58.5	56.1	60.9
Maryland	2,976	††41.3	39.8	42.8	California	22,735	†51.7	51.0	52.4
District of Columbia	447	†45.6	41.2	50.0	Alaska	848	††103.5	96.2	110.8
Virginia	4,655	†49.2	47.8	50.6	Hawaii	679	††37.0	34.1	39.9

NOTE: Data are final. Rates per 100,000 population in specified group. 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 Homicide and legal intervention for males: United States and each State, 1987-89

[Data are final by State of residence]



NOTE: "Significantly" refers to statistical significance at the 0.05 level.

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	50,253	13.9	13.8	14.0	South Atlantic—Con.				
New England					West Virginia	250	††9.1	8.0	10.2
Maine	63	††3.5	2.6	4.4	North Carolina	1,390	14.2	13.4	15.0
New Hampshire	49	††3.0	2.2	4.0	South Carolina	740	14.4	13.4	15.4
Vermont	28	††3.3	2.2	4.8	Georgia	1,927	††20.6	19.7	21.5
Massachusetts	465	††5.4	4.9	5.9	Florida	3,695	††22.0	21.3	22.7
Rhode Island	102	††7.2	5.8	8.6	East South Central				
Connecticut	405	††8.7	7.8	9.6	Kentucky	525	††9.5	8.7	10.3
Middle Atlantic					Tennessee	1,120	††15.6	14.7	16.5
New York	5,426	††21.7	21.1	22.3	Alabama	1,098	††18.5	17.4	19.6
New Jersey	904	††8.2	7.7	8.7	Mississippi	700	††19.1	17.7	20.5
Pennsylvania	1,552	††9.1	8.6	9.6	West South Central				
East North Central					Arkansas	539	††15.9	14.5	17.3
Ohio	1,210	††7.6	7.2	8.0	Louisiana	1,438	††22.4	21.2	23.6
Indiana	636	††7.8	7.2	8.4	Oklahoma	571	††11.8	10.8	12.8
Illinois	2,635	††15.7	15.1	16.3	Texas	4,795	††19.1	18.6	19.6
Michigan	2,556	††18.7	18.0	19.4	Mountain				
Wisconsin	365	††5.1	4.6	5.6	Montana	64	††5.4	4.1	6.7
West North Central					Idaho	64	††4.3	3.2	5.4
Minnesota	232	††3.5	3.0	4.0	Wyoming	30	††4.3	2.9	6.1
Iowa	104	††2.5	2.0	3.0	Colorado	369	††7.2	6.5	7.9
Missouri	1,007	13.7	12.8	14.6	New Mexico	366	††16.3	14.6	18.0
North Dakota	22	††2.3	1.4	3.5	Arizona	686	13.3	12.3	14.3
South Dakota	54	††5.1	3.7	6.5	Utah	111	††4.7	3.8	5.6
Nebraska	108	††4.6	3.7	5.5	Nevada	219	13.6	11.8	15.4
Kansas	237	††6.3	5.5	7.1	Pacific				
South Atlantic					Washington	521	††7.2	6.6	7.8
Delaware	64	††6.5	4.9	8.1	Oregon	305	††7.3	6.5	8.1
Maryland	1,166	††17.1	16.1	18.1	California	7,337	††17.3	16.9	17.7
District of Columbia	746	††86.8	80.4	93.2	Alaska	79	††9.3	7.2	11.4
Virginia	1,086	††11.6	10.9	12.3	Hawaii	92	††5.3	4.2	6.4

NOTE: Data are final. Rates per 100,000 population in specified group. 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.

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 1. Provisional number of live births, marriages, deaths, infant deaths, and rates, by month: United States, January 1991–November 1992

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

Period	Live births				Marriages		Deaths		Infant deaths	
	Number	Rate per 1,000 population	Rate per 1,000 women 15–44 years		Number	Rate per 1,000 population	Number	Rate per 1,000 population	Number	Rate per 1,000 live births
			Unadjusted	Seasonally adjusted ¹						
1991:										
January	325,000	15.2	65.0	68.5	120,000	5.6	195,000	9.1	3,300	9.6
February	312,000	16.1	68.9	70.5	151,000	7.8	179,000	9.2	3,100	9.6
March	346,000	16.1	69.0	70.3	140,000	6.6	191,000	8.9	3,200	9.4
April	340,000	16.4	70.2	71.9	186,000	9.0	185,000	8.9	3,000	8.8
May	355,000	16.5	70.9	71.9	230,000	10.7	183,000	8.5	3,300	9.5
June	342,000	16.4	70.4	69.3	258,000	12.4	168,000	8.1	3,000	8.9
July	358,000	16.6	71.4	68.7	233,000	10.8	178,000	8.3	3,000	8.5
August	346,000	16.1	69.1	65.3	253,000	11.8	172,000	8.0	2,800	8.2
September	365,000	17.5	75.3	70.5	223,000	10.7	165,000	7.9	2,900	8.4
October	355,000	16.4	70.9	71.1	221,000	10.2	180,000	8.4	2,900	8.2
November	324,000	15.5	66.8	68.7	177,000	8.4	176,000	8.4	3,000	9.0
December	342,000	15.8	68.3	70.1	180,000	8.3	191,000	8.8	2,900	8.6
1992:										
January	335,000	15.5	67.0	70.5	112,000	5.2	207,000	9.6	3,200	9.4
February	304,000	15.0	65.1	66.6	165,000	8.1	185,000	9.1	2,900	9.1
March	360,000	16.6	72.0	73.4	145,000	6.7	195,000	9.0	3,200	9.2
April	327,000	15.6	67.7	69.3	175,000	8.4	181,000	8.6	2,800	8.6
May	361,000	16.7	72.3	73.3	231,000	10.7	175,000	8.1	2,800	8.0
June	333,000	15.9	68.9	67.8	256,000	12.2	172,000	8.2	2,700	8.3
July	352,000	16.2	70.5	67.8	228,000	10.5	180,000	8.3	2,800	8.1
August	351,000	16.1	70.3	66.5	242,000	11.2	172,000	7.9	2,700	7.9
September	357,000	17.0	74.0	69.3	226,000	10.7	169,000	8.0	2,700	7.9
October	345,000	15.8	69.1	69.3	221,000	10.2	181,000	8.3	2,900	8.2
November	331,000	15.7	68.5	70.6	173,000	8.2	182,000	8.6	2,700	8.1

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 (1987 revision).

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

Table 2. Provisional number of live births and deaths: each division and State, November 1991 and 1992, and cumulative figures, 1990-92

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

Area	Live births					Deaths				
	November		January–November			November		January–November		
	1992	1991	1992	1991	1990	1992	1991	1992	1991	1990
New England	14,440	14,432	175,057	175,244	187,528	10,674	10,266	106,563	102,819	105,523
Maine	710	985	13,285	14,912	15,573	826	1,004	9,861	9,825	10,172
New Hampshire	1,453	1,119	14,449	14,844	15,928	924	720	7,746	7,743	7,774
Vermont	608	640	6,905	7,247	7,648	333	363	4,289	4,202	4,263
Massachusetts	6,872	6,834	83,718	81,309	87,049	5,446	4,964	50,539	47,378	50,312
Rhode Island	1,142	1,129	13,382	13,410	13,784	783	782	8,540	8,449	8,526
Connecticut	3,655	3,725	43,318	43,522	47,546	2,362	2,433	25,588	25,222	24,476
Middle Atlantic	44,793	45,387	524,247	534,250	548,116	28,499	29,544	327,683	328,522	331,234
New York	20,494	22,445	263,698	271,488	280,140	12,941	13,152	150,856	152,755	154,916
New Jersey	11,682	9,478	107,774	106,236	109,625	5,676	6,087	64,600	63,742	64,049
Pennsylvania	12,617	13,464	152,775	156,526	158,351	9,882	10,305	112,227	112,025	112,269
East North Central	51,143	51,648	597,510	605,264	619,964	31,108	30,426	339,325	341,301	341,684
Ohio	15,092	12,814	153,268	144,348	150,424	8,313	8,212	90,934	89,105	90,562
Indiana	6,841	7,217	77,491	78,427	78,682	4,216	3,861	45,722	46,643	45,707
Illinois	14,939	14,675	175,239	175,168	178,125	8,491	8,646	92,619	94,207	94,509
Michigan	8,670	11,424	127,086	141,649	146,325	6,344	6,124	72,159	72,283	72,704
Wisconsin	5,601	5,518	64,426	65,672	66,408	3,744	3,583	37,891	39,052	38,202
West North Central	20,684	20,636	241,111	239,872	251,144	14,497	14,064	148,123	147,712	149,093
Minnesota	5,139	5,094	60,511	61,501	63,109	3,046	3,024	31,893	32,003	31,778
Iowa	3,196	3,742	35,108	32,668	35,180	2,492	2,564	24,853	23,719	25,305
Missouri	6,928	6,227	70,884	70,883	74,614	5,026	4,347	46,262	47,052	46,865
North Dakota	730	680	8,234	8,367	8,769	475	505	5,295	5,105	5,192
South Dakota	847	872	10,345	10,229	10,185	508	560	6,285	6,049	5,920
Nebraska	1,611	1,998	21,248	22,151	22,080	1,299	1,378	13,552	13,293	13,315
Kansas	2,233	2,023	34,781	34,073	37,207	1,651	1,686	19,983	20,486	20,718
South Atlantic	54,834	50,178	624,114	626,622	645,716	31,682	31,470	368,500	360,606	359,691
Delaware	794	693	10,016	10,289	10,469	496	459	5,383	5,316	5,304
Maryland	5,653	6,062	69,394	74,159	74,994	3,122	3,268	34,127	33,675	34,708
District of Columbia	795	593	9,262	9,321	10,059	551	596	6,282	6,427	6,881
Virginia	7,877	7,251	91,245	89,131	92,294	4,122	4,201	45,192	44,501	44,193
West Virginia	1,558	1,406	20,579	20,720	20,551	1,462	1,456	18,389	18,134	18,094
North Carolina	7,242	8,134	93,396	93,566	95,787	4,427	4,907	53,838	53,417	52,378
South Carolina	4,660	4,021	51,937	52,302	53,972	2,460	2,236	28,053	27,018	27,121
Georgia	8,841	6,506	103,122	100,235	103,201	3,631	3,445	48,389	48,236	48,623
Florida	17,414	15,512	175,163	176,899	184,389	11,411	10,902	128,847	123,882	122,389
East South Central	18,035	18,867	214,510	212,917	219,778	11,248	12,037	134,700	131,193	133,698
Kentucky	4,076	4,217	49,563	50,493	53,132	2,812	2,802	32,346	31,956	32,781
Tennessee	5,421	5,589	67,350	66,231	66,522	3,493	3,688	43,257	41,287	41,436
Alabama	5,082	5,441	58,174	56,067	59,704	2,866	3,234	36,051	34,588	36,327
Mississippi	3,456	3,620	39,423	40,126	40,420	2,077	2,313	23,046	23,362	23,154
West South Central	35,607	39,722	441,782	440,125	440,407	17,218	18,043	206,651	204,052	201,252
Arkansas	2,971	2,729	32,275	31,778	33,215	1,938	2,028	23,088	21,978	22,745
Louisiana	5,276	6,915	66,893	68,991	67,091	3,107	2,707	35,471	34,721	33,881
Oklahoma	3,933	3,630	44,027	43,675	43,580	2,436	2,407	27,707	27,710	27,907
Texas ¹	23,427	26,448	298,587	295,681	296,521	9,737	10,901	120,385	119,643	116,719
Mountain	18,942	17,917	225,341	223,303	223,828	8,411	7,510	94,394	90,950	88,822
Montana	838	944	10,672	10,687	10,747	583	548	6,536	6,499	6,370
Idaho	1,413	1,272	16,108	15,998	15,448	630	602	7,341	7,127	7,028
Wyoming	485	488	6,281	6,204	6,355	249	267	3,018	2,872	2,960
Colorado	4,348	4,113	50,347	50,095	48,353	1,911	1,681	20,303	20,419	19,478
New Mexico	2,800	2,678	26,206	25,981	26,392	1,135	969	10,747	10,386	9,993
Arizona	5,192	5,293	61,783	62,285	63,482	2,207	2,331	28,212	26,876	26,275
Utah	2,813	2,244	34,660	32,228	33,533	841	635	9,000	8,384	8,527
Nevada	1,053	885	19,284	19,825	19,518	855	477	9,237	8,387	8,191
Pacific	² 65,959	65,096	² 624,034	697,833	708,003	28,695	23,132	271,816	268,243	263,798
Washington	---	7,068	---	70,468	73,304	2,684	3,203	34,019	34,173	33,970
Oregon	3,110	3,131	38,610	39,082	40,589	1,836	2,073	23,090	22,785	23,447
California ³	60,360	52,468	556,407	559,922	564,765	23,384	17,072	206,310	203,144	198,184
Alaska	784	916	10,674	10,184	10,553	200	190	2,064	1,984	2,005
Hawaii	1,705	1,513	18,343	18,177	18,792	591	594	6,333	6,157	6,192

¹Beginning with data for February 1991, figures include adjustments for varying length of reporting period, see Technical notes.²Excludes figures for State(s) shown below as not available.³Figures for all years include adjustments for varying length of reporting period, see Technical notes.

NOTE: 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, November 1991 and 1992, and cumulative figures, 1990-92

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

Area	Marriages					Divorces				
	November		January–November			November		January–November		
	1992	1991	1992	1991	1990	1992	1991	1992	1991	1990
New England	17,024	8,729	169,298	93,239	104,326	2,605	4,206	41,402	40,288	41,076
Maine	528	1,004	10,344	9,568	10,967	199	557	5,355	5,287	4,782
New Hampshire	1,219	730	8,204	9,138	9,914	381	349	5,054	4,559	4,983
Vermont	502	576	5,409	5,710	5,777	167	360	2,697	2,537	2,458
Massachusetts	4,327	3,936	38,440	38,103	43,692	1,133	1,380	15,429	13,083	15,770
Rhode Island	448	578	6,901	7,117	7,676	301	248	3,301	3,085	3,518
Connecticut	---	1,905	---	23,603	26,300	424	1,312	9,566	11,737	9,565
Middle Atlantic	25,692	25,150	270,851	273,650	287,243	8,158	8,389	99,265	104,249	112,133
New York ²	14,478	13,580	144,477	148,318	153,410	4,742	4,743	51,937	51,606	53,972
New Jersey	4,149	4,543	51,588	51,852	53,907	476	1,096	10,985	16,741	22,283
Pennsylvania	7,065	7,027	74,786	73,480	79,926	2,940	2,550	36,343	35,902	35,878
East North Central	24,747	25,295	320,481	325,648	342,653	13,889	11,379	140,150	143,482	141,569
Ohio	7,563	7,598	85,931	89,673	88,881	4,952	3,639	48,169	48,874	46,869
Indiana	4,134	4,067	46,698	47,027	50,082	---	---	---	---	---
Illinois	6,770	6,914	86,461	84,098	92,515	4,399	3,443	39,133	41,728	41,467
Michigan	4,436	4,855	65,955	68,975	72,192	2,965	2,944	35,954	36,079	36,958
Wisconsin	1,844	1,861	35,436	35,875	38,983	1,573	1,353	16,894	16,801	16,275
West North Central	10,723	10,179	136,950	139,387	145,194	7,339	5,379	71,201	71,653	70,675
Minnesota	1,610	1,777	30,285	30,924	31,905	1,278	1,103	14,512	13,978	13,891
Iowa	1,556	2,048	20,407	22,253	23,274	944	948	10,012	11,159	10,166
Missouri	4,269	3,188	42,459	42,560	45,309	2,297	2,231	23,661	24,103	23,758
North Dakota	217	253	4,456	4,363	4,462	177	168	2,122	1,993	2,142
South Dakota	396	355	7,003	6,901	7,228	238	230	2,653	2,509	2,429
Nebraska	699	770	12,004	11,770	11,610	525	535	6,026	5,883	5,978
Kansas	1,976	1,788	20,336	20,616	21,406	1,880	164	12,215	12,028	12,311
South Atlantic	31,987	33,464	400,517	410,973	419,983	18,028	17,209	217,479	213,730	209,244
Delaware	438	453	4,750	5,016	5,236	269	218	3,093	2,687	2,747
Maryland	4,616	3,156	40,016	40,994	42,629	1,427	1,143	15,988	14,746	14,398
District of Columbia	167	420	2,493	4,385	4,405	206	228	2,267	2,157	2,557
Virginia	4,885	5,025	63,915	63,109	65,549	2,134	2,208	26,573	25,576	24,817
West Virginia	972	735	11,485	11,443	12,301	1,171	847	9,058	9,295	8,594
North Carolina	3,351	3,656	44,413	45,124	47,610	2,674	2,513	33,035	30,854	31,457
South Carolina	3,609	4,558	49,036	48,978	51,006	932	1,133	14,455	13,378	14,867
Georgia	3,937	4,907	57,987	66,640	61,520	2,965	2,912	36,186	39,638	34,730
Florida	10,012	10,554	126,422	125,284	129,727	6,250	6,007	76,824	75,399	75,077
East South Central	12,704	12,861	167,283	166,486	169,181	8,118	8,328	90,850	86,978	86,713
Kentucky	3,394	2,766	44,858	43,774	47,148	1,451	2,766	21,553	20,699	20,173
Tennessee	4,763	5,378	64,804	63,103	60,109	3,100	2,701	30,782	29,829	29,660
Alabama	2,730	2,999	37,017	38,523	39,852	1,925	1,802	24,947	24,515	23,703
Mississippi	1,817	1,718	20,604	21,086	22,072	1,642	1,059	13,568	11,935	13,177
West South Central	22,264	18,820	263,856	268,206	266,531	11,084	11,696	130,913	140,122	125,813
Arkansas	3,532	2,467	33,986	34,860	32,881	1,601	1,360	16,909	17,173	15,739
Louisiana	2,646	2,412	32,895	33,044	36,703	---	---	---	---	---
Oklahoma	2,153	2,221	28,930	29,639	30,174	1,416	1,785	21,713	21,762	23,253
Texas ³	13,933	11,720	168,045	170,663	166,773	8,067	8,551	92,291	101,187	86,821
Mountain	16,201	17,830	187,665	224,736	233,264	14,704	16,255	154,216	168,637	80,263
Montana	376	323	6,655	6,675	6,496	311	385	3,893	4,005	3,782
Idaho	1,202	1,290	13,548	13,411	13,767	564	543	6,277	5,933	6,091
Wyoming	314	214	4,396	4,368	4,407	283	233	2,936	2,965	2,834
Colorado	---	2,113	---	31,024	29,662	---	1,487	---	17,403	17,057
New Mexico ^{4,5}	811	868	11,983	11,994	12,037	748	745	8,889	8,070	7,137
Arizona ²	2,710	2,697	32,631	33,616	34,100	2,073	2,179	23,436	22,605	23,167
Utah	788	1,154	18,452	17,539	17,674	725	683	8,785	7,656	8,046
Nevada	---	9,171	---	106,109	115,121	---	---	---	---	12,149
Pacific	16,049	16,232	183,558	190,904	305,938	13,910	14,217	147,782	148,959	163,360
Washington	2,849	3,092	40,496	46,982	45,388	2,190	2,340	25,649	26,861	26,066
Oregon	1,470	1,385	21,343	21,976	23,211	1,017	1,252	14,118	14,388	14,742
California	---	---	---	---	215,250	---	---	---	---	115,148
Alaska	390	417	5,260	5,577	5,318	231	135	3,346	3,005	2,691
Hawaii	1,340	1,338	16,459	16,369	16,771	472	490	4,669	4,705	4,713

¹Excludes figures for State(s) shown below as not available.
²Figures for marriages are marriage licenses issued for some counties.
³Beginning with data for February 1991, figures include adjustments for varying length of reporting period, see Technical notes.
⁴Figures for marriages are marriage licenses issued.
⁵Figures for divorces include estimates for some counties.

NOTE: 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 November 1991 and 1992

[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 November			
	1992		1991	
	Number	Rate	Number	Rate
New England	1,930	16.6	1,343	7.0
Maine	91	6.1	104	6.4
New Hampshire	92	5.9	99	6.1
Vermont	49	6.6	46	5.8
Massachusetts	568	6.4	634	7.2
Rhode Island	130	8.9	97	6.6
Connecticut	---	---	363	7.5
Middle Atlantic	4,804	8.4	5,353	9.2
New York	2,371	8.3	2,762	9.4
New Jersey	1,005	8.4	1,022	8.5
Pennsylvania	1,428	8.7	1,569	9.3
East North Central	6,155	9.4	6,426	9.7
Ohio	1,466	8.7	1,507	9.5
Indiana	779	9.3	804	9.5
Illinois	1,953	10.1	1,990	10.3
Michigan	1,447	10.4	1,549	10.0
Wisconsin	510	7.2	576	8.0
West North Central	2,117	8.0	2,277	8.7
Minnesota	459	7.0	491	7.4
Iowa	290	7.5	281	7.7
Missouri	699	9.0	806	10.4
North Dakota	73	8.2	82	9.0
South Dakota	115	10.3	93	8.5
Nebraska	165	7.2	183	7.6
Kansas	316	8.3	341	9.2
South Atlantic	6,580	9.6	7,051	10.3
Delaware	102	9.4	145	13.1
Maryland	708	8.9	693	8.4
District of Columbia	193	19.5	204	20.0
Virginia	843	8.5	953	9.8
West Virginia	203	9.2	204	9.1
North Carolina	1,032	10.1	1,138	11.1
South Carolina	622	10.8	592	10.3
Georgia	1,171	10.4	1,331	12.1
Florida	1,706	8.9	1,791	9.3
East South Central	2,355	10.1	2,380	10.1
Kentucky	453	8.4	465	8.4
Tennessee	718	9.7	721	10.0
Alabama	678	10.8	695	10.8
Mississippi	506	11.8	499	11.5
West South Central	3,952	8.2	4,105	8.5
Arkansas	334	9.5	369	10.6
Louisiana	687	9.5	744	10.1
Oklahoma	427	9.0	470	9.9
Texas ²	2,504	7.6	2,522	7.8
Mountain	1,864	7.6	1,937	8.0
Montana	102	8.8	91	7.8
Idaho	128	7.4	153	8.9
Wyoming	59	8.6	49	7.2
Colorado	389	7.2	456	8.3
New Mexico	246	8.7	242	8.6
Arizona	582	8.7	571	8.5
Utah	228	6.1	214	6.1
Nevada	130	5.8	161	7.5
Pacific	14,715	16.9	5,938	7.8
Washington	---	---	562	7.5
Oregon	310	7.3	317	7.4
California ³	4,166	6.9	4,835	7.9
Alaska	103	8.8	93	8.2
Hawaii	136	6.7	131	6.6

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

²Beginning with data for February 1991, figures include adjustments for varying length of reporting period, see Technical notes.

³Figures for all years include adjustments for varying length of reporting period, see Technical notes.

NOTE: 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, October 1991 and 1992, cumulative figures 1991 and 1992, and 12 months ending with October 1991 and 1992

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population in specified group. 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	October				January–October				12 months ending with October			
	1992		1991		1992		1991		1992		1991	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All races, both sexes¹												
All ages	181,000	829.0	180,000	835.6	1,816,000	851.2	1,797,000	852.5	2,183,000	853.3	2,153,000	851.3
Under 1 year					28,800	² 841.9	30,600	² 897.6	34,700	² 853.7	36,800	² 905.9
1–4 years	4,050	84.2	4,200	88.4	5,950	45.9	6,270	49.3	6,920	44.6	7,240	47.5
5–14 years					7,070	23.1	7,220	23.9	8,560	23.3	8,590	23.7
15–24 years	2,810	94.0	3,200	106.4	29,360	99.8	31,400	106.3	35,390	100.2	37,100	104.6
25–34 years	5,000	138.3	5,150	140.1	48,130	134.6	50,070	138.5	57,590	134.2	59,600	137.3
35–44 years	8,080	237.3	7,950	236.8	77,810	234.0	72,800	223.3	92,920	233.1	87,050	222.6
45–54 years	10,330	434.9	10,240	454.8	103,240	450.7	99,110	456.4	123,920	451.4	118,200	454.6
55–64 years	19,830	1,103.0	20,580	1,137.5	203,210	1,147.9	206,330	1,161.1	244,890	1,152.9	247,700	1,160.9
65–74 years	39,680	2,484.0	39,330	2,476.6	397,410	2,536.8	399,380	2,575.0	477,130	2,539.1	476,610	2,560.5
75–84 years	50,000	5,630.7	49,260	5,655.2	510,040	5,890.5	500,980	5,917.5	613,680	5,912.1	601,680	5,923.2
85 years and over	40,710	13,728.7	40,470	14,258.0	404,010	14,109.7	392,360	14,359.7	486,560	14,185.4	470,220	14,349.1
Not stated	70	...	80	...	680	...	760	...	910	...	940	...
Age-adjusted rate ³ . . . . .	...	486.7	...	496.8	...	501.5	...	507.7	...	502.7	...	506.3
All races, male¹												
All ages	93,130	875.9	94,340	895.4	937,520	900.5	931,290	905.9	1,129,600	904.7	1,114,260	903.7
Under 1 year					15,910	² 909.1	17,630	² 1,010.4	19,130	² 918.8	21,080	² 1,014.9
1–4 years	2,220	90.1	2,540	104.4	3,410	51.6	3,330	51.2	3,940	49.6	3,910	50.1
5–14 years					4,400	28.1	4,480	28.9	5,230	27.8	5,250	28.3
15–24 years	2,090	137.8	2,400	157.6	22,400	150.1	23,810	159.2	26,900	150.3	28,120	156.9
25–34 years	3,660	202.0	3,750	203.7	35,570	198.6	36,690	202.8	42,350	196.9	43,730	201.4
35–44 years	5,530	327.6	5,710	343.4	53,710	325.7	50,240	311.5	64,200	324.9	59,950	309.9
45–54 years	6,490	560.9	6,210	566.7	65,470	586.8	62,560	592.1	78,930	590.4	74,360	587.8
55–64 years	11,920	1,395.9	12,820	1,493.9	123,560	1,470.0	127,060	1,508.6	148,520	1,472.8	151,900	1,502.0
65–74 years	22,700	3,170.9	22,830	3,214.6	227,660	3,246.0	228,870	3,302.4	274,460	3,262.7	273,180	3,284.6
75–84 years	24,860	7,257.9	24,380	7,306.1	251,470	7,551.8	246,390	7,617.8	303,590	7,606.9	296,640	7,647.3
85 years and over	13,610	16,346.5	13,660	17,220.1	133,500	16,635.5	129,790	17,021.8	161,730	16,811.9	155,560	17,001.1
Not stated	50	...	40	...	450	...	440	...	610	...	560	...
Age-adjusted rate ³ . . . . .	...	626.0	...	649.2	...	648.0	...	658.7	...	650.5	...	656.2
All races, female¹												
All ages	87,420	784.7	86,130	778.9	878,210	804.5	865,960	801.8	1,053,590	804.8	1,037,450	800.5
Under 1 year					12,920	² 772.9	12,940	² 778.5	15,590	² 784.6	15,690	² 792.0
1–4 years	1,830	78.0	1,670	72.0	2,540	40.0	2,950	47.5	2,980	39.3	3,330	44.7
5–14 years					2,660	17.8	2,740	18.6	3,320	18.5	3,340	18.9
15–24 years	710	48.2	810	54.6	6,960	47.9	7,590	52.0	8,490	48.8	8,980	51.2
25–34 years	1,350	74.9	1,400	76.3	12,560	70.4	13,380	74.1	15,240	71.2	15,870	73.2
35–44 years	2,540	148.0	2,230	131.6	24,100	143.6	22,560	137.1	28,720	142.8	27,090	137.1
45–54 years	3,840	315.2	4,030	348.7	37,760	321.2	36,540	327.8	44,980	319.4	43,830	328.3
55–64 years	7,900	837.0	7,760	815.8	79,650	856.7	79,270	848.1	96,370	863.8	95,810	853.6
65–74 years	16,990	1,927.1	16,500	1,879.4	169,740	1,962.1	170,510	1,987.7	202,670	1,952.9	203,430	1,975.4
75–84 years	25,140	4,608.9	24,880	4,630.0	258,570	4,852.6	254,590	4,866.4	310,090	4,852.7	305,030	4,857.9
85 years and over	27,100	12,706.7	26,820	13,113.9	270,510	13,124.2	262,580	13,329.1	324,830	13,156.3	314,660	13,321.8
Not stated	20	...	40	...	220	...	310	...	290	...	380	...
Age-adjusted rate ³ . . . . .	...	371.3	...	370.5	...	379.6	...	382.8	...	380.0	...	382.3
White												
All ages	155,530	855.8	155,800	862.0	1,562,620	876.9	1,551,950	878.6	1,879,010	879.1	1,861,650	878.4
Under 1 year					18,530	² 689.2	19,900	² 738.7	22,460	² 702.3	24,340	² 759.0
1–4 years	2,630	68.9	2,670	70.5	4,150	40.6	4,300	42.6	4,820	39.2	5,020	41.3
5–14 years					5,230	21.4	5,270	21.8	6,270	21.4	6,390	22.1
15–24 years	2,030	84.5	2,350	96.8	20,540	86.7	22,790	95.3	24,960	87.8	26,890	93.8
25–34 years	3,530	117.9	3,660	119.8	34,060	114.9	35,870	119.2	40,570	113.9	42,530	117.7
35–44 years	6,080	211.3	5,730	201.1	56,610	201.0	53,220	192.1	67,620	200.3	64,070	192.7
45–54 years	7,860	384.5	7,830	404.4	80,520	408.4	77,550	415.4	96,600	408.9	92,750	414.9
55–64 years	16,300	1,048.5	17,130	1,091.2	166,820	1,088.2	170,650	1,105.4	200,930	1,092.3	205,710	1,109.5
65–74 years	34,580	2,445.3	34,390	2,439.4	345,490	2,488.6	347,560	2,522.1	414,250	2,487.4	413,330	2,510.6
75–84 years	45,000	5,615.6	44,510	5,658.3	458,890	5,870.9	452,360	5,913.6	552,440	5,895.2	543,590	5,922.8
85 years and over	37,460	13,978.2	37,450	14,581.5	371,280	14,341.1	361,820	14,628.5	447,430	14,428.6	434,240	14,640.6
Not stated	50	...	70	...	490	...	640	...	660	...	780	...
Age-adjusted rate ³ . . . . .	...	463.1	...	472.5	...	476.5	...	483.9	...	477.6	...	483.6

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, October 1991 and 1992, cumulative figures 1991 and 1992, and 12 months ending with October 1991 and 1992—Con.

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population in specified group. 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	October				January–October				12 months ending with October			
	1992		1991		1992		1991		1992		1991	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
White male												
All ages	79,790	895.6	80,530	909.6	799,070	915.0	796,540	921.1	962,930	919.4	954,840	920.4
Under 1 year					10,280	² 745.7	11,560	² 837.1	12,500	² 762.2	14,060	² 854.7
1–4 years	1,490	76.1	1,660	85.5	2,450	46.6	2,350	45.3	2,810	44.6	2,800	45.0
5–14 years					3,270	26.1	3,280	26.5	3,860	25.7	3,930	26.4
15–24 years	1,510	123.6	1,750	142.0	15,530	128.9	17,130	141.3	18,830	130.3	20,150	138.7
25–34 years	2,600	171.7	2,790	180.7	25,680	171.2	26,600	174.9	30,230	167.9	31,640	173.4
35–44 years	4,280	296.4	4,180	292.8	40,000	283.2	37,160	267.9	47,830	282.6	44,510	267.5
45–54 years	5,050	501.5	4,840	508.0	51,510	530.5	49,300	536.8	62,000	532.9	58,510	532.2
55–64 years	10,010	1,345.3	10,710	1,427.8	102,680	1,400.3	106,030	1,438.5	123,230	1,400.5	127,590	1,440.4
65–74 years	19,930	3,132.8	20,030	3,165.2	199,040	3,189.9	200,680	3,246.8	239,650	3,202.2	239,590	3,229.4
75–84 years	22,420	7,250.1	22,120	7,342.7	226,340	7,528.2	223,200	7,642.7	273,570	7,592.8	268,930	7,678.6
85 years and over	12,460	16,774.0	12,400	17,506.0	121,960	17,030.6	118,900	17,456.4	147,950	17,243.6	142,750	17,472.5
Not stated	40	...	30	...	330	...	360	...	460	...	430	...
Age-adjusted rate ³ . . . . .	...	599.5	...	618.4	...	616.3	...	628.2	...	618.6	...	627.1
White female												
All ages	75,750	817.6	75,270	816.2	763,550	840.2	755,410	837.9	916,080	840.4	906,810	838.1
Under 1 year					8,260	² 630.5	8,340	² 636.6	9,960	² 639.3	10,290	² 658.8
1–4 years	1,130	60.8	1,010	54.8	1,700	34.2	1,950	39.3	2,010	33.5	2,220	37.5
5–14 years					1,960	16.5	2,000	17.0	2,410	16.9	2,480	17.5
15–24 years	520	44.0	590	49.4	5,000	43.0	5,660	48.1	6,120	43.8	6,740	47.7
25–34 years	930	62.9	870	57.6	8,380	57.1	9,270	62.2	10,340	58.7	10,890	60.9
35–44 years	1,810	126.2	1,550	109.0	16,610	118.3	16,060	116.2	19,790	117.6	19,560	117.8
45–54 years	2,810	270.9	2,990	304.0	29,020	290.1	28,260	297.8	34,610	288.6	34,250	301.5
55–64 years	6,300	777.3	6,420	783.1	64,140	802.2	64,620	801.0	77,700	809.7	78,200	807.1
65–74 years	14,650	1,883.1	14,360	1,848.2	146,450	1,916.1	146,880	1,932.5	174,590	1,903.9	175,740	1,926.1
75–84 years	22,580	4,588.5	22,390	4,612.8	232,560	4,835.0	229,150	4,846.5	278,870	4,834.8	274,610	4,838.9
85 years and over	25,000	12,906.0	25,050	13,467.7	249,320	13,314.2	242,920	13,553.4	299,490	13,352.2	291,500	13,564.4
Not stated	10	...	40	...	160	...	280	...	200	...	350	...
Age-adjusted rate ³ . . . . .	...	350.0	...	350.9	...	360.1	...	364.6	...	360.6	...	365.3
Black												
All ages	22,300	811.9	21,770	804.9	224,520	836.8	219,180	832.4	270,220	840.0	259,550	823.4
Under 1 year					9,270	² 1,619.9	9,760	² 1,743.9	11,050	² 1,625.0	11,390	² 1,707.6
1–4 years	1,270	165.9	1,400	186.7	1,490	72.0	1,750	87.4	1,730	69.6	1,560	81.6
5–14 years					1,550	32.2	1,640	34.5	1,950	33.8	1,850	32.6
15–24 years	690	152.6	760	168.6	7,650	171.9	7,670	173.1	9,130	171.6	9,060	171.1
25–34 years	1,300	274.2	1,330	278.6	12,640	270.6	12,750	272.9	15,220	271.5	15,350	273.7
35–44 years	1,810	462.9	2,030	537.4	19,030	502.0	17,810	488.4	22,740	500.1	20,940	479.8
45–54 years	2,170	888.3	2,140	912.3	20,230	854.4	19,440	855.1	24,330	859.1	23,010	845.0
55–64 years	3,110	1,665.2	3,210	1,729.7	32,440	1,772.0	32,170	1,773.0	39,120	1,782.2	38,090	1,748.9
65–74 years	4,640	3,243.4	4,120	2,932.9	46,080	3,301.3	46,210	3,383.2	55,980	3,342.1	54,840	3,348.0
75–84 years	4,450	6,650.5	4,030	6,099.0	45,150	6,898.9	43,000	6,700.3	54,250	6,910.8	51,530	6,692.2
85 years and over	2,840	12,327.3	2,730	12,362.9	28,820	12,937.9	26,870	12,610.7	34,480	12,913.9	31,790	12,466.7
Not stated	20	...	10	...	170	...	100	...	220	...	140	...
Age-adjusted rate ³ . . . . .	...	715.7	...	718.1	...	738.0	...	739.8	...	741.5	...	731.7
Black male												
All ages	11,880	909.2	12,090	941.0	122,090	957.1	119,420	955.4	147,280	963.1	141,770	946.5
Under 1 year					5,100	² 1,757.9	5,580	² 1,964.5	6,000	² 1,739.1	6,440	² 1,905.3
1–4 years	640	164.1	800	209.6	760	72.1	880	85.4	890	70.4	980	80.1
5–14 years					960	39.1	1,050	43.2	1,170	39.8	1,150	39.8
15–24 years	520	231.3	570	255.3	5,980	271.4	5,980	273.6	7,080	267.9	7,110	271.8
25–34 years	910	405.0	890	394.2	8,890	401.4	9,000	407.2	10,820	407.5	10,820	409.1
35–44 years	1,160	646.3	1,380	797.7	12,370	710.6	11,900	715.0	14,800	709.8	14,090	706.6
45–54 years	1,290	1,183.4	1,220	1,165.9	12,380	1,175.6	12,010	1,184.7	15,040	1,189.9	14,360	1,181.9
55–64 years	1,670	1,971.7	2,000	2,373.8	18,660	2,249.1	19,050	2,314.4	22,610	2,270.1	22,230	2,250.0
65–74 years	2,530	4,069.5	2,240	3,683.5	25,370	4,186.3	24,830	4,203.6	30,970	4,260.0	29,740	4,200.6
75–84 years	2,160	8,586.5	1,850	7,459.7	21,750	8,835.8	19,930	8,272.3	26,070	8,837.3	23,890	8,266.4
85 years and over	980	14,462.9	1,130	17,279.0	9,760	14,829.4	9,120	14,337.8	11,690	14,797.5	10,830	14,250.0
Not stated	10	...	10	...	110	...	80	...	140	...	120	...
Age-adjusted rate ³ . . . . .	...	915.8	...	949.3	...	967.4	...	970.1	...	974.2	...	961.1

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, October 1991 and 1992, cumulative figures 1991 and 1992, and 12 months ending with October 1991 and 1992—Con.

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population in specified group. 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	October				January–October				12 months ending with October			
	1992		1991		1992		1991		1992		1991	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Black female												
All ages	10,410	722.8	9,670	681.0	102,430	727.7	99,760	721.2	122,940	728.5	118,180	712.2
Under 1 year					4,180	² 1,481.3	4,180	² 1,516.6	5,060	² 1,510.4	4,960	² 1,507.6
1–4 years	620	165.0	600	162.9	730	70.8	870	87.5	840	68.9	980	83.1
5–14 years					580	24.5	600	25.8	770	27.2	700	25.1
15–24 years	170	74.8	190	83.5	1,670	74.8	1,690	74.8	2,050	76.5	1,950	72.8
25–34 years	390	156.4	440	174.8	3,750	152.9	3,750	152.7	4,400	149.1	4,520	152.5
35–44 years	640	302.6	650	317.4	6,660	324.2	5,900	298.4	7,940	322.5	6,850	289.0
45–54 years	890	658.0	920	708.0	7,840	597.9	7,430	591.1	9,290	592.5	8,640	572.9
55–64 years	1,440	1,410.9	1,210	1,194.2	13,780	1,376.9	13,120	1,323.1	16,510	1,377.0	15,860	1,332.8
65–74 years	2,100	2,596.2	1,880	2,359.9	20,720	2,617.8	21,380	2,756.2	25,010	2,638.2	25,100	2,698.9
75–84 years	2,290	5,484.1	2,180	5,281.4	23,400	5,728.0	23,070	5,746.8	28,190	5,753.1	27,640	5,746.4
85 years and over	1,860	11,437.5	1,600	10,294.4	19,070	12,157.6	17,750	11,869.7	22,800	12,127.7	20,960	11,709.5
Not stated	10	...	—	...	60	...	20	...	80	...	20	...
Age-adjusted rate ³ . . . . .	...	558.3	...	535.1	...	555.5	...	554.9	...	556.5	...	548.0

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 8 for infant mortality rates.

³For method of computation, see Technical notes.

NOTE: 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. Data include adjustments for Maryland, which is not included in the sample for July–October 1992.

Table 6. Provisional number of deaths and death rates for 72 selected causes and Human immunodeficiency virus infection: United States, October 1991 and 1992, cumulative figures 1991 and 1992, and 12 months ending with October 1991 and 1992

[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)	October		January–October				12 months ending with October						
	1992		1991		1992		1991		1992		1991		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
All causes	181,000	829.0	180,000	835.6	1,816,000	851.2	1,797,000	852.5	2,183,000	853.3	2,153,000	851.3	
Shigellosis and amebiasis . . . . .	.004,006	—	*	*	—	*	20	*	—	*	20	*	
Certain other intestinal infections . . . . .	.007–009	50	*	40	*	640	0.3	540	0.2	760	0.3	610	0.2
Tuberculosis . . . . .	.010–018	80	*	140	0.6	1,100	0.5	1,390	0.7	1,340	0.5	1,590	0.6
Tuberculosis of respiratory system . . . . .	.010–012	60	*	110	0.5	850	0.4	1,040	0.5	1,020	0.4	1,190	0.5
Other tuberculosis . . . . .	.013–018	20	*	30	*	250	0.1	350	0.2	320	0.1	400	0.2
Whooping cough . . . . .	.033	—	*	—	*	10	*	—	*	10	*	—	*
Streptococcal sore throat, scarlatina, and erysipelas . . . . .	.034–035	—	*	—	*	—	*	10	*	—	*	10	*
Meningococcal infection . . . . .	.036	40	*	30	*	190	0.1	240	0.1	210	0.1	310	0.1
Septicemia . . . . .	.038	1,650	7.6	1,750	8.1	16,620	7.8	15,990	7.6	20,050	7.8	19,120	7.6
Acute poliomyelitis . . . . .	.045	—	*	—	*	—	*	10	*	—	*	10	*
Measles . . . . .	.055	—	*	—	*	—	*	20	*	—	*	20	*
Viral hepatitis . . . . .	.070	210	1.0	120	0.6	1,490	0.7	1,600	0.8	1,810	0.7	1,830	0.7
Syphilis . . . . .	.090–097	—	*	20	*	70	*	120	0.0	80	*	150	0.1
All other infectious and parasitic diseases ¹ . . . . .	.001–003,005,020–032,037,039–041,*042–*044,046–054,056–066,071–088,098–139	3,270	15.0	3,590	16.6	32,040	15.0	29,240	13.9	37,810	14.8	34,310	13.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues . . . . .	.140–208	44,350	203.7	44,170	204.5	434,150	203.5	429,930	203.9	520,470	203.5	512,620	202.7
Malignant neoplasms of lip, oral cavity, and pharynx . . . . .	.140–149	750	3.4	650	3.0	6,630	3.1	6,300	3.0	7,860	3.1	7,470	3.0
Malignant neoplasms of digestive organs and peritoneum . . . . .	.150–159	10,010	46.0	10,100	46.8	101,520	47.6	99,930	47.4	121,760	47.6	120,310	47.6
Malignant neoplasms of respiratory and intrathoracic organs . . . . .	.160–165	12,960	59.5	12,770	59.1	126,110	59.1	122,940	58.3	151,710	59.3	146,460	57.9
Malignant neoplasm of breast . . . . .	.174–175	3,610	16.6	4,020	18.6	36,890	17.3	37,590	17.8	43,670	17.1	45,180	17.9
Malignant neoplasms of genital organs . . . . .	.179–187	5,290	24.3	5,260	24.3	49,310	23.1	49,720	23.6	58,870	23.0	58,810	23.3
Malignant neoplasms of urinary organs . . . . .	.188–189	1,720	7.9	1,630	7.5	18,610	8.7	17,500	8.3	22,030	8.6	20,850	8.2
Malignant neoplasms of all other and unspecified sites . . . . .	.170–173,190–199	5,560	25.5	5,560	25.7	52,390	24.6	53,810	25.5	62,900	24.6	63,460	25.1
Leukemia . . . . .	.204–208	1,560	7.2	1,610	7.5	15,960	7.5	16,230	7.7	19,330	7.6	19,140	7.6
Other malignant neoplasms of lymphatic and hematopoietic tissues . . . . .	.200–203	2,900	13.3	2,560	11.8	26,720	12.5	25,900	12.3	32,350	12.6	30,930	12.2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature . . . . .	.210–239	520	2.4	590	2.7	6,190	2.9	6,490	3.1	7,570	3.0	7,660	3.0
Diabetes mellitus . . . . .	.250	3,740	17.2	3,870	17.9	42,190	19.8	40,920	19.4	51,130	20.0	49,520	19.6
Nutritional deficiencies . . . . .	.260–269	330	1.5	220	1.0	2,540	1.2	2,520	1.2	3,170	1.2	3,020	1.2
Anemias . . . . .	.280–285	330	1.5	490	2.3	3,300	1.5	3,450	1.6	3,990	1.6	4,200	1.7
Meningitis . . . . .	.320–322	50	*	50	*	610	0.3	580	0.3	760	0.3	730	0.3
Major cardiovascular diseases . . . . .	.390–448	75,780	348.0	75,350	348.9	759,390	356.1	754,040	357.7	914,130	357.4	906,510	358.4
Diseases of heart . . . . .	.390–398,402,404–429	59,460	273.1	59,250	274.4	598,780	280.8	593,710	281.7	720,600	281.7	713,530	282.1
Rheumatic fever and rheumatic heart disease . . . . .	.390–398	460	2.1	330	1.5	4,900	2.3	5,020	2.4	5,890	2.3	6,120	2.4
Hypertensive heart disease . . . . .	.402	1,680	7.7	1,880	8.7	18,010	8.4	17,970	8.5	21,460	8.4	21,280	8.4
Hypertensive heart and renal disease . . . . .	.404	260	1.2	130	0.6	1,930	0.9	1,700	0.8	2,270	0.9	2,060	0.8
Ischemic heart disease . . . . .	.410–414	39,730	182.5	40,040	185.4	399,080	187.1	396,850	188.2	479,910	187.6	477,540	188.8
Acute myocardial infarction . . . . .	.410	19,030	87.4	19,580	90.7	191,130	89.6	193,480	91.8	230,880	90.3	233,460	92.3
Other acute and subacute forms of ischemic heart disease . . . . .	.411	270	1.2	320	1.5	2,440	1.1	2,540	1.2	2,950	1.2	3,160	1.2
Angina pectoris . . . . .	.413	100	*	70	*	850	0.4	760	0.4	980	0.4	850	0.3
Old myocardial infarction and other forms of chronic ischemic heart disease . . . . .	.412,414	20,330	93.4	20,070	92.9	204,660	96.0	200,070	94.9	245,100	95.8	240,070	94.9
Other diseases of endocardium . . . . .	.424	1,320	6.1	1,090	5.0	12,430	5.8	11,230	5.3	14,710	5.8	13,150	5.2
All other forms of heart disease . . . . .	.415–423,425–429	16,020	73.6	15,770	73.0	162,430	76.2	160,940	76.3	196,360	76.8	193,380	76.5
Hypertension with or without renal disease . . . . .	.401,403	570	2.6	760	3.5	7,920	3.7	7,060	3.3	9,420	3.7	8,790	3.5
Cerebrovascular diseases . . . . .	.430–438	12,160	55.8	11,800	54.6	119,170	55.9	118,510	56.2	143,440	56.1	142,090	56.2
Intracerebral and other intracranial hemorrhage . . . . .	.431–432	1,770	8.1	1,830	8.5	17,290	8.1	16,810	8.0	20,900	8.2	20,220	8.0
Cerebral thrombosis and unspecified occlusion of cerebral arteries . . . . .	.434,0,434.9	1,440	6.6	1,340	6.2	12,710	5.9	14,660	7.0	15,490	6.1	17,210	6.8
Cerebral embolism . . . . .	.434.1	40	*	50	*	580	0.3	580	0.3	690	0.3	730	0.3
All other and late effects of cerebrovascular diseases . . . . .	.430,433,435–438	8,910	40.9	8,590	39.8	88,590	41.5	86,460	41.0	106,360	41.6	103,930	41.1

Atherosclerosis . . . . .	.440	1,470	6.7	1,480	6.9	13,440	6.3	14,230	6.8	16,250	6.4	17,080	6.8
Other diseases of arteries, arterioles, and capillaries . . . . .	.441-448	2,110	9.7	2,060	9.5	20,080	9.4	20,510	9.7	24,420	9.5	25,010	9.9
Acute bronchitis and bronchiolitis . . . . .	.466	50	*	70	*	410	0.2	500	0.2	490	0.2	530	0.2
Pneumonia and influenza . . . . .	.480-487	5,730	26.3	5,530	25.6	64,300	30.2	61,980	29.4	77,240	30.2	74,310	29.4
Pneumonia . . . . .	.480-486	5,720	26.3	5,520	25.6	63,180	29.6	61,420	29.1	75,690	29.6	73,660	29.1
Influenza . . . . .	.487	10	*	10	*	1,120	0.5	560	0.3	1,550	0.6	640	0.3
Chronic obstructive pulmonary diseases and allied conditions . . . . .	.490-496	6,840	31.4	6,450	29.9	76,210	35.7	74,000	35.1	90,970	35.6	87,560	34.6
Bronchitis, chronic and unspecified . . . . .	.490-491	270	1.2	200	0.9	3,250	1.5	3,080	1.5	3,910	1.5	3,590	1.4
Emphysema . . . . .	.492	1,350	6.2	1,090	5.0	13,930	6.5	13,390	6.3	17,060	6.7	15,730	6.2
Asthma . . . . .	.493	300	1.4	290	1.3	3,950	1.9	3,700	1.8	4,760	1.9	4,350	1.7
Other chronic obstructive pulmonary diseases and allied conditions . . . . .	.494-496	4,930	22.6	4,870	22.5	55,080	25.8	53,820	25.5	65,250	25.5	63,880	25.3
Ulcer of stomach and duodenum . . . . .	.531-533	420	1.9	450	2.1	4,890	2.3	5,120	2.4	5,890	2.3	6,040	2.4
Appendicitis . . . . .	.540-543	-	*	40	*	270	0.1	420	0.2	320	0.1	460	0.2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia . . . . .	.550-553,560	560	2.6	470	2.2	4,840	2.3	4,840	2.3	5,790	2.3	5,720	2.3
Chronic liver disease and cirrhosis . . . . .	.571	2,010	9.2	2,060	9.5	20,700	9.7	20,490	9.7	24,900	9.7	24,870	9.8
Cholelithiasis and other disorders of gallbladder . . . . .	.574-575	250	1.1	250	1.2	2,590	1.2	2,590	1.2	3,020	1.2	3,130	1.2
Nephritis and nephrotic syndrome, and nephrosis . . . . .	.580-589	1,930	8.9	1,950	9.0	19,030	8.9	18,580	8.8	23,330	9.1	22,090	8.7
Acute glomerulonephritis and nephrotic syndrome . . . . .	.580-581	20	*	-	*	250	0.1	230	0.1	320	0.1	260	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified . . . . .	.582-583,587	130	0.6	100	*	1,220	0.6	1,130	0.5	1,550	0.6	1,380	0.5
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause . . . . .	.584-586,588-589	1,780	8.2	1,850	8.6	17,560	8.2	17,210	8.2	21,460	8.4	20,450	8.1
Infections of kidney . . . . .	.590	80	*	70	*	920	0.4	1,030	0.5	1,140	0.4	1,160	0.5
Hyperplasia of prostate . . . . .	.600	40	*	20	*	300	0.1	300	0.1	340	0.1	340	0.1
Complications of pregnancy, childbirth, and the puerperium . . . . .	.630-676	30	*	30	*	200	0.1	230	0.1	270	0.1	290	0.1
Pregnancy with abortive outcome . . . . .	.630-638	10	*	-	*	30	*	60	*	30	*	60	*
Other complications of pregnancy, childbirth, and the puerperium . . . . .	.640-676	20	*	30	*	170	0.1	170	0.1	240	0.1	230	0.1
Congenital anomalies . . . . .	.740-759	960	4.4	940	4.3	10,440	4.9	9,930	4.7	12,290	4.8	12,050	4.8
Certain conditions originating in the perinatal period . . . . .	.760-779	1,480	6.8	1,360	6.3	13,150	6.2	14,130	6.7	15,560	6.1	17,030	6.7
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome . . . . .	.767-769	340	1.6	300	1.4	2,720	1.3	2,910	1.4	3,060	1.2	3,540	1.4
Other conditions originating in the perinatal period . . . . .	.760-766,770-779	1,140	5.2	1,060	4.9	10,430	4.9	11,210	5.3	12,510	4.9	13,490	5.3
Symptoms, signs, and ill-defined conditions . . . . .	.780-799	3,070	14.1	3,110	14.4	29,750	13.9	28,530	13.5	36,310	14.2	34,350	13.6
All other diseases . . . . .	.Residual	14,690	67.5	14,520	67.2	148,280	69.5	144,830	68.7	179,640	70.2	174,020	68.8
Accidents and adverse effects . . . . .	.E800-E949	7,610	34.9	7,980	36.9	71,270	33.4	74,830	35.5	85,330	33.4	89,530	35.4
Motor vehicle accidents . . . . .	.E810-E825	3,930	18.0	4,180	19.3	34,490	16.2	37,120	17.6	41,350	16.2	44,900	17.8
All other accidents and adverse effects . . . . .	.E800-E807,E826-E949	3,680	16.9	3,800	17.6	36,780	17.2	37,710	17.9	43,980	17.2	44,630	17.6
Suicide . . . . .	.E950-E959	2,210	10.1	2,260	10.5	24,200	11.3	24,390	11.6	28,900	11.3	28,500	11.3
Homicide and legal intervention . . . . .	.E960-E978	2,020	9.3	2,270	10.5	21,680	10.2	21,800	10.3	26,090	10.2	25,490	10.1
All other external causes . . . . .	.E980-E999	170	0.8	200	0.9	1,750	0.8	1,620	0.8	2,040	0.8	1,990	0.8
Human immunodeficiency virus infection ²	*042-*044	2,720	12.5	2,990	13.8	26,470	12.4	24,090	11.4	31,210	12.2	28,290	11.2

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

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

NOTE: 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. Data include adjustments for Maryland, which is not included in the sample for July-October 1992.

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, October 1991 and 1992, cumulative figures 1991 and 1992, and 12 months ending with October 1991 and 1992

[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)	October		January–October				12 months ending with October						
	1992		1991		1992		1991		1992		1991		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues ¹	140–208	44,350	203.7	44,170	204.5	434,150	203.5	429,930	203.9	520,470	203.5	512,620	202.7
Malignant neoplasm of esophagus. . . . .	.150	850	3.9	650	3.0	8,920	4.2	8,330	3.9	10,440	4.1	9,800	3.9
Malignant neoplasm of stomach . . . . .	.151	1,070	4.9	1,190	5.5	11,030	5.2	12,020	5.7	13,410	5.2	14,240	5.6
Malignant neoplasms of colon, rectum, rectosigmoid junction, and anus . . . . .	.153,154	4,570	21.0	4,950	22.9	47,530	22.3	46,160	21.9	57,010	22.3	55,730	22.0
Malignant neoplasm of pancreas. . . . .	.157	2,220	10.2	1,990	9.2	21,430	10.0	21,250	10.1	25,640	10.0	25,560	10.1
Malignant neoplasms of trachea, bronchus, and lung . . . . .	.162	12,560	57.7	12,310	57.0	122,020	57.2	118,620	56.3	146,680	57.3	141,370	55.9
Malignant melanoma of skin. . . . .	.172	690	3.2	610	2.8	5,890	2.8	5,990	2.8	6,960	2.7	6,850	2.7
Malignant neoplasm of cervix uteri. . . . .	.180	350	1.6	390	1.8	3,590	1.7	3,930	1.9	4,310	1.7	4,680	1.9
Malignant neoplasms of body of uterus and of uterus, part unspecified . . . . .	.179,182	510	2.3	510	2.4	5,470	2.6	4,850	2.3	6,320	2.5	5,710	2.3
Malignant neoplasm of ovary . . . . .	.183.0	1,050	4.8	1,190	5.5	10,360	4.9	11,060	5.2	12,390	4.8	12,930	5.1
Malignant neoplasm of prostate . . . . .	.185	3,280	15.1	3,000	13.9	28,360	13.3	28,280	13.4	34,000	13.3	33,710	13.3
Malignant neoplasm of bladder . . . . .	.188	750	3.4	820	3.8	9,180	4.3	8,590	4.1	10,900	4.3	10,260	4.1
Malignant neoplasms of kidney and other and unspecified urinary organs . . . . .	.189	970	4.5	820	3.8	9,430	4.4	8,910	4.2	11,130	4.4	10,600	4.2
Malignant neoplasms of brain and other and unspecified parts of nervous system . . . . .	.191,192	900	4.1	940	4.3	8,640	4.0	9,340	4.4	10,790	4.2	11,050	4.4
Hodgkin's disease. . . . .	.201	150	0.7	170	0.8	1,370	0.6	1,410	0.7	1,710	0.7	1,680	0.7
Malignant lymphoma other than Hodgkin's disease . . . . .	.200,202	1,910	8.8	1,640	7.6	17,390	8.1	16,790	8.0	20,970	8.2	20,090	7.9
Multiple myeloma and other immunoproliferative neoplasms. . . . .	.203	840	3.8	740	3.4	7,970	3.7	7,700	3.6	9,680	3.8	9,170	3.6

¹Includes figures for subcategories not shown below.

NOTE: 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. Data include adjustments for Maryland, which is not included in the sample for July–October 1992.

Table 8. Provisional number of deaths under 1 year and infant mortality rates, by age and for 10 selected causes: United States, October 1991 and 1992, cumulative figures 1991 and 1992, and 12 months ending with October 1991 and 1992

[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)	October		January–October				12 months ending with October						
	1992		1991		1992		1991		1992		1991		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Total, under 1 year	2,900	822.3	2,900	818.7	28,800	847.5	30,600	889.9	34,700	854.7	36,800	894.0	
Under 28 days	1,880	538.3	1,860	519.9	18,420	541.6	19,250	560.5	21,850	537.8	23,200	564.2	
28 days to 11 months	990	283.4	1,070	299.1	10,400	305.8	11,320	329.6	12,880	317.0	13,570	330.0	
Certain gastrointestinal diseases. . . . .	.008–009,535,555–558	10	*	10	*	300	8.8	270	7.9	360	8.9	300	7.3
Pneumonia and influenza. . . . .	.480–487	70	*	10	*	550	16.2	520	15.1	650	16.0	640	15.6
Congenital anomalies . . . . .	.740–759	600	171.8	580	162.1	6,320	185.8	6,460	188.1	7,450	183.4	7,830	190.4
Disorders relating to short gestation and unspecified low birthweight. . . . .	.765	380	108.8	400	111.8	3,170	93.2	3,910	113.8	3,740	92.0	4,610	112.1
Birth trauma . . . . .	.767	20	*	10	*	160	4.7	120	3.5	200	4.9	150	3.6
Intrauterine hypoxia and birth asphyxia . . . . .	.768	90	*	70	*	560	16.5	660	19.2	630	15.5	740	18.0
Respiratory distress syndrome. . . . .	.769	220	63.0	210	58.7	1,940	57.0	2,090	60.8	2,160	53.2	2,600	63.2
Other conditions originating in the perinatal period . . . . .	.760–764,766,770–779	750	214.7	660	184.5	7,110	209.0	7,220	210.2	8,570	210.9	8,680	211.1
Sudden infant death syndrome . . . . .	.798.0	360	103.1	420	117.4	3,320	97.6	3,520	102.5	4,220	103.9	4,410	107.2
All other causes. . . . .	.Residual	370	105.9	560	156.5	5,380	158.2	5,800	168.9	6,750	166.1	6,820	165.9

NOTE: 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. Data include adjustments for Maryland, which is not included in the sample for July–October 1992.

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.

Beginning with the January 1991 issue, birth, death, and infant death figures for all years shown 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 3 most recent years for which final data were available, 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. Before the January 1991 issue, provisional data for all events were by State of occurrence. 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 all years for California shown in tables 2 and 4 contain adjustments for varying length of State reporting periods. Beginning with data for February 1991, figures for Texas for all events shown in tables 2-4 are also adjusted for varying length of State reporting periods. Before February 1991, data for Texas were reported for monthly 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 for California and

Texas shown in tables 2-4 are included in the U.S. totals.

Beginning with data for January 1991, U.S. totals for births, deaths, and infant deaths are based on the State estimates by State of residence (described above) 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 for all years and in the U.S. birth, death, and infant death figures for 1990 and previous years. 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, see below), 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. $N - 2\sqrt{N}$ and $N + 2\sqrt{N}$
covers the "true" number of events.
2. $R - 2\frac{R}{\sqrt{N}}$ 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, 1988*, 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. The population estimates are based on the 1980 Census of Population and do not reflect the results of the 1990 census enumeration. Monthly rates are based on populations estimated for the specific month. Year-to-date rates are averages of the monthly rates weighted by the number of days in each respective month. 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 infant deaths for the specified period (monthly, year-to-date, 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 section on Nature and sources of data. Because monthly infant mortality rates are based on relatively few events, they are highly variable. Therefore, comparisons between monthly infant

mortality rates should be interpreted cautiously; see section on Random variation.

The age-adjusted rates presented in this report are computed by the direct method, that is, by applying the age-specific death rates to the standard population distributed by age. Age groups shown in table 5 were used to compute the age-adjusted rates shown in that table. The age-adjusted rates upon which the State maps are based were computed from age-specific rates in 10-year age groups. In both instances the total population as enumerated in 1940 was selected as the standard. It is important not to compare age-adjusted death 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 by age, race, sex, and cause are 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 is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the annual summary (issue No. 13 in this series) for each year.

Estimated numbers of deaths and death rates 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, NCHS introduced category numbers *042–*044 for classifying and coding human immunodeficiency virus infection (HIV infection), formerly referred to as human T-cell lymphotropic virus-III/lymphadenopathy-associated virus (HTLV-III/LAV) infection. The asterisk before the category numbers indicates that these codes are not part of the Ninth

Revision of the 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 as well as 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 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 will be between the two.

The chances are about 2 of 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 of 20 that the percent difference is less than twice the percent shown. Figures based on 100 or fewer estimated deaths have relative standard errors of 30 percent or more and are, therefore, considered unreliable. Rates based on 100 or fewer estimated deaths are indicated by an “*”

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

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 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
- A₀ = coefficient, which, together with C determines the Y-intercept
- A₁ = coefficient of t
- A₂ = coefficient of t²
- 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 (2πt / 12) and sin (2πt / 12) are 12-month period harmonic functions.

The coefficients of this model were estimated using provisional monthly death rates from January 1982 through the month that is 12 months before the latest month shown in the chart. The graph of the estimated equation and 95-percent prediction intervals is shown from January 1985 through the month that is 12 months before the latest month shown in the chart; the graph for the subsequent 12 months is projected (1). Symbols in each chart represent actual monthly death rates based on the CMS. In some cases the data are transformed by the natural

logarithm before fitting the model. For graphical purposes the data are transformed 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 upon request for the charts published in the Mortality Surveillance System. Time series regression models have previously been used to describe trends in mortality data (2-4). A list of cause-of-death topics is presented in the table on the back of this report.

State Maps

Unlike other data presented in this report, the State maps are based on final 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 1987-89 and the 1988 population estimated as of July 1, 1988 (5). The assignment of the States into the given shadings 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 .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 table. The symbols “+” and “++” shown in the table are used to denote State rates that differ significantly from the U.S. rate at the .05 and .01 levels of significance, respectively. Different procedures were used to determine tests of statistical significance and confidence intervals, depending upon the number of deaths.

For 50 or more deaths, 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 1987-89 for the given State per 100,000 population

R'_{us} = age-adjusted rate for 1987-89 for the U.S. per 100,000 population

$S^2(R'_s)$ = estimated variance of the age-adjusted death rate for 1987-89 for the State

$S^2(R'_{us})$ = estimated variance of the age-adjusted death rate for 1987-89 for the U.S.

The variance of the age-adjusted death rate was computed in terms of the variances of age-specific death rates (6) under the assumption that the age-specific death rates are binomial proportions (7). The 95-percent confidence limits were estimated as follows:

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

and

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

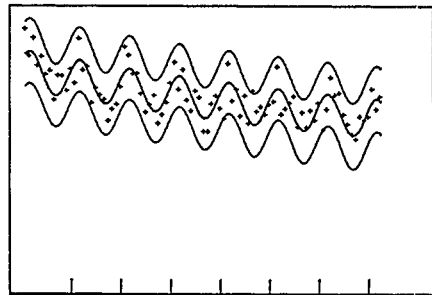
For 1-49 deaths, the lower and upper 95-percent confidence limits were estimated as described elsewhere (8). The difference between the State and U.S. age-adjusted rates was determined to be statistically significant at the .05 or .01 level if their respective 95-percent or 99-percent confidence limits did not overlap.

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Mortality Surveillance System chart topics

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Suggested citation

National Center for Health Statistics. Births, marriages, divorces, and deaths for November 1992. Monthly vital statistics report; vol 41 no 11. Hyattsville, Maryland: Public Health Service. 1993.

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DHHS Publication No. (PHS) 93-1120