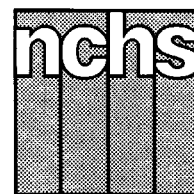


Monthly Vital Statistics Report



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

Births, Marriages, Divorces, and Deaths for October 1996

Births

According to provisional reports, an estimated 347,000 births occurred in the United States during October 1996. This was a 6-percent increase from the provisional number of births reported for October 1995 (328,000). The birth rate, 15.4 live births per 1,000 population, was 5 percent higher than the rate of 14.7 for October 1995. The fertility rate, 68.8 live births per 1,000 women 15–44 years, was 6 percent higher than the comparable rate for October 1995 (64.9). The seasonally adjusted fertility rate (69.0) was also 6 percent higher than the comparable rate for October 1995 (65.2).

During the first 10 months of 1996, an estimated 3,302,000 births occurred, a slight rise from the 3,287,000 reported for the first 10 months of 1995. The birth rate for this period remained the same in 1996 (15.0) as it had been in 1995.

An estimated 3,908,000 live births occurred in the 12-month period ending with October 1996, a slight decline from the 3,914,000 births reported for the same period a year earlier. The birth rate of 14.8 was 1 percent lower than the rate of 14.9 for the preceding 12-month period. The fertility rate for the most recent 12-month period was 65.6, slightly lower than the rate for the 12 months ending with October

1995 (65.9). 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 161,000 people, or 7.1 persons per 1,000 population, were added to the population during October 1996.

For the 12-month period ending with October 1996, 1,606,000 persons were added to the population. This represented a rate of natural increase of 6.1, the same as the rate for the preceding 12-month

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 are per 1,000 total population. Data are subject to monthly reporting variation; see [Technical notes](#)]

Item	October				January–October				12 months ending with October				
	Number		Rate		Number		Rate		Number		Rate		
	1996	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996	1995	1994
Live births	347,000	328,000	15.4	14.7	3,302,000	3,287,000	15.0	15.0	3,908,000	3,914,000	14.8	14.9	15.3
Fertility rate	...	...	68.8	64.9	...	...	66.5	66.4	...	...	65.6	65.9	67.3
Deaths	186,000	190,000	8.3	8.5	1,917,000	1,924,000	8.7	8.8	2,302,000	2,296,000	8.7	8.8	8.8
Infant deaths	2,500	2,500	7.1	7.4	23,600	24,500	7.2	7.5	28,300	29,500	7.3	7.6	8.0
Natural increase	161,000	138,000	7.1	6.2	1,385,000	1,363,000	6.3	6.2	1,606,000	1,618,000	6.1	6.1	6.5
Marriages	225,000	224,000	10.0	10.0	1,964,000	1,992,000	9.0	9.2	2,308,000	2,336,000	8.7	8.9	9.1
Divorces	98,000	98,000	4.4	4.4	966,000	982,000	4.4	4.5	1,152,000	1,183,000	4.4	4.5	4.5
Population base (in millions)	...	...	265.8	263.5	...	...	...	...	...	...	264.8	262.4	260.2

... Category not applicable.

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.



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



period. The leveling off in the rate of natural increase was due to similar decreases in the birth and death rates.

Marriages

An estimated 225,000 marriages were performed in October 1996, 1,000 more than were performed in October 1995 (224,000). The marriage rate per 1,000 population for October 1996 was the same as the rate for October a year earlier (10.0).

The number of couples who married in the first 10 months of 1996 (1,964,000) was 1 percent lower than the number who married in the January–October period in 1995 (1,992,000). The marriage rate for the 10-month period was 2 percent lower in 1996 (9.0) than the marriage rate for the same period in 1995 (9.2).

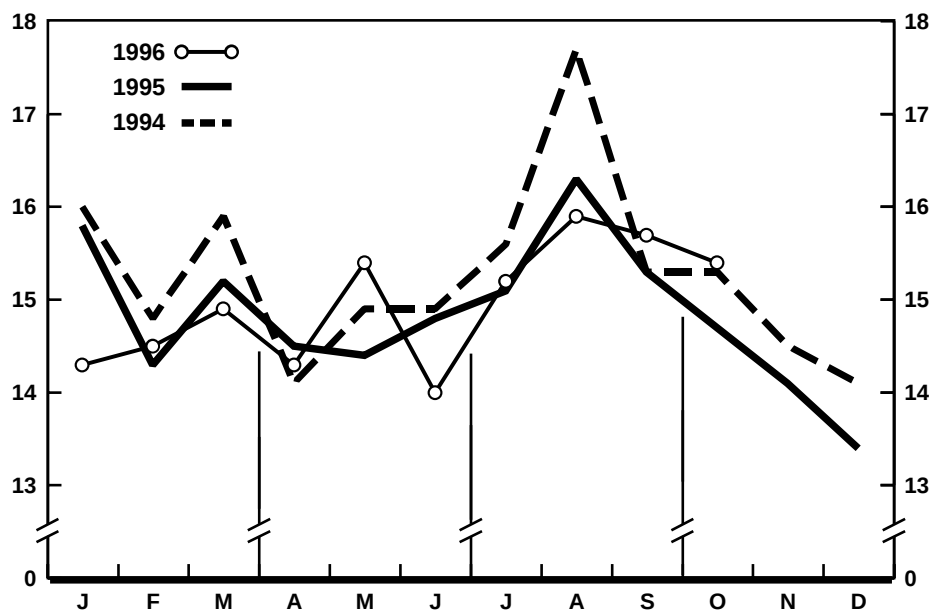
Marriages occurring during the 12-month period ending with October 1996 numbered 2,308,000, 1 percent fewer than the marriages that occurred during the comparable period a year earlier (2,336,000). The marriage rate for the current period (8.7) was 2 percent lower than the rate for the same period ending with October 1995 (8.9).

Divorces

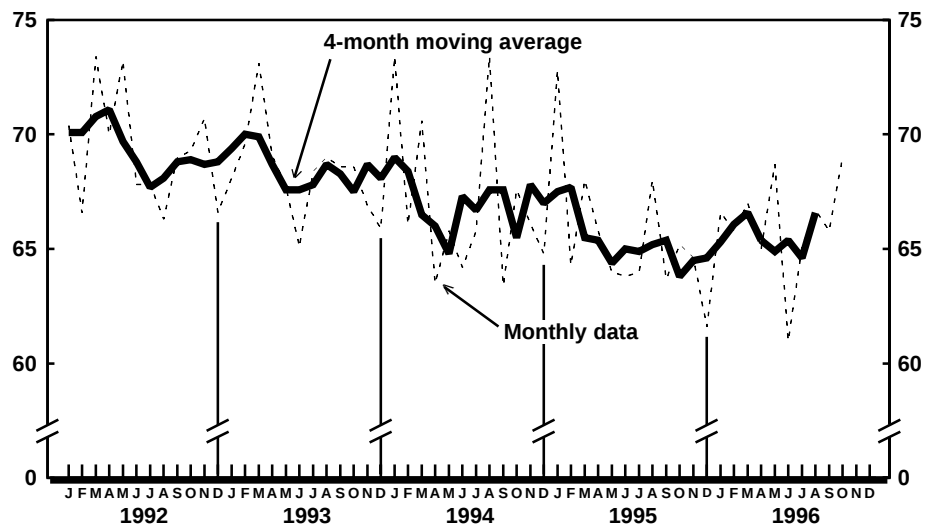
The number and the rate of couples divorcing in October 1996 were the same as the comparable figures for October 1995. The number of divorcing couples remained at 98,000, while the divorce rate per 1,000 population for October was 4.4 for both years.

The estimated number of divorces granted during January–October 1996 was 966,000, 2 percent fewer than the number granted during the same period in 1995 (982,000). The divorce rate for the 10-month period was 4.4 in 1996, also 2 percent lower than the rate for the 10-month period in 1995 (4.5).

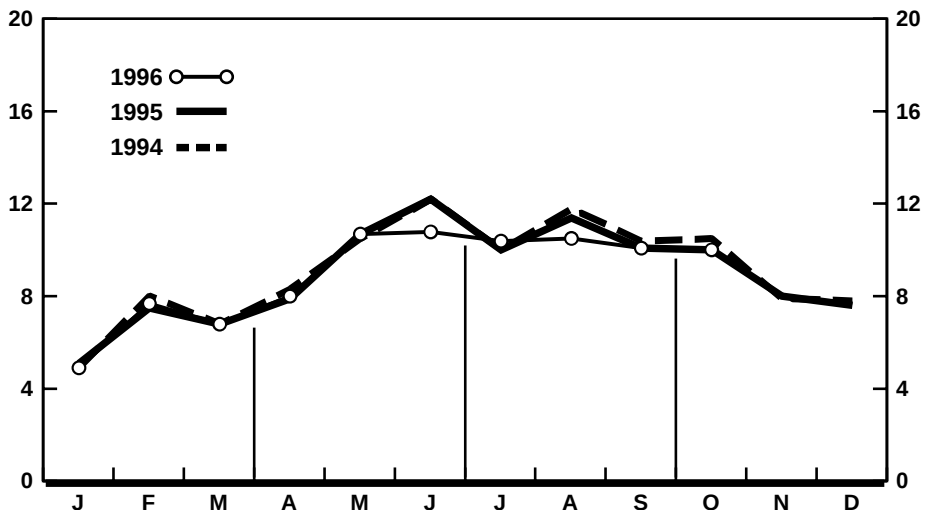
Approximately 1,152,000 couples divorced during the 12-month period ending with October 1996, a 3-percent decline from the number divorced during the same period a year earlier (1,183,000). The divorce rate for the current 12-month period (4.4) was 2 percent lower than the rate for the comparable period a year earlier (4.5).



Provisional birth rates per 1,000 population by month: United States, 1994–96



Provisional seasonally adjusted fertility rates per 1,000 women aged 15–44 years: United States, 1992–96



Provisional marriage rates per 1,000 population by month: United States, 1994–96

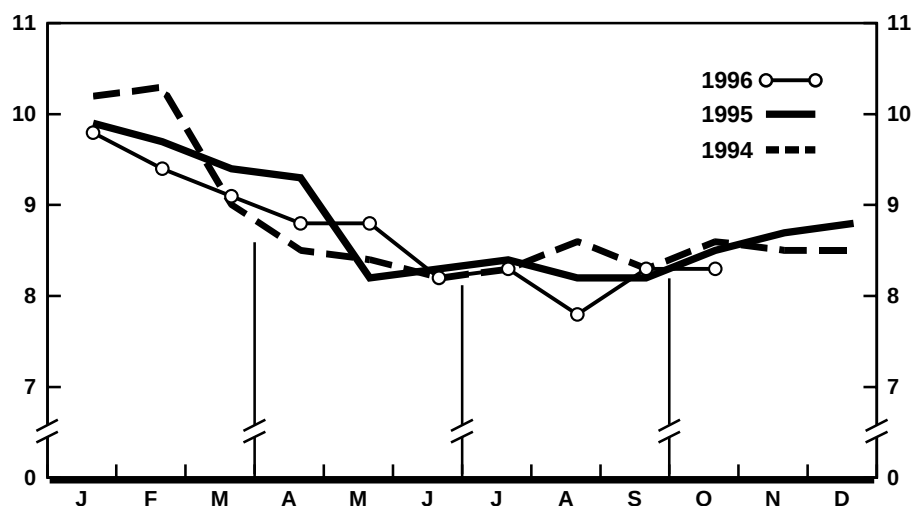
Deaths

For October 1996 there were an estimated 186,000 deaths in the United States. The death rate was 8.3 deaths per 1,000 population, 2 percent lower than the rate of 8.5 for October a year earlier. Among the 186,000 deaths for October 1996 were 2,500 deaths at ages under 1 year.

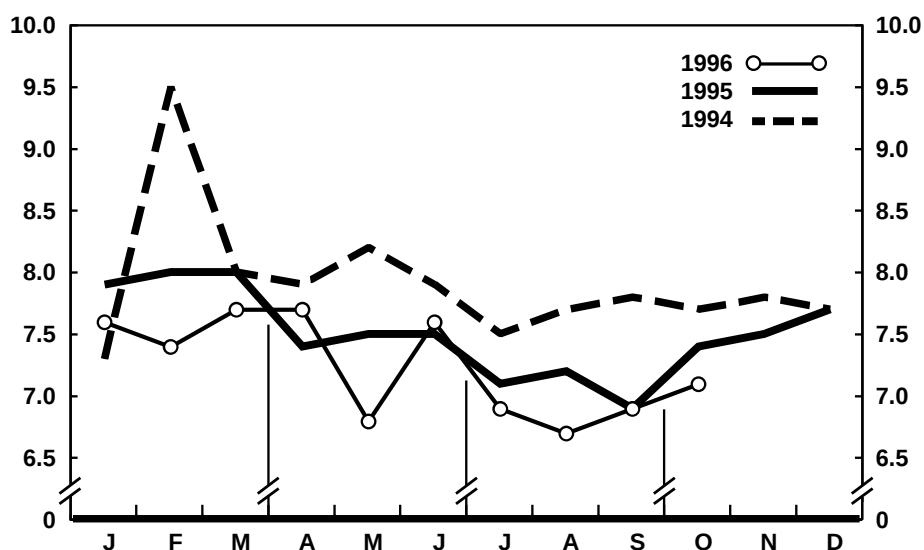
According to provisional statistics, 1,917,000 deaths occurred during the first 10 months of 1996, less than 1 percent below the number estimated for January–October 1995 (1,924,000). The death rate, 8.7 per 1,000 population, was 1 percent lower than the rate for January–October 1995 (8.8). Among the 1,917,000 deaths for January–October 1996 were 23,600 deaths at ages under 1 year, yielding an infant mortality rate of 7.2 per 1,000 live births. This rate was 4 percent lower than the rate of 7.5 for the first 10 months of 1995.

The death rate for the 12 months ending with October 1996 was 8.7 deaths per 1,000 population, 1 percent lower than the rate of 8.8 for the comparable 12-month period a year earlier. The infant mortality rate for this 12-month period was 7.3 per 1,000 live births, 4 percent lower than the rate of 7.6 for the 12 months ending with October 1995.

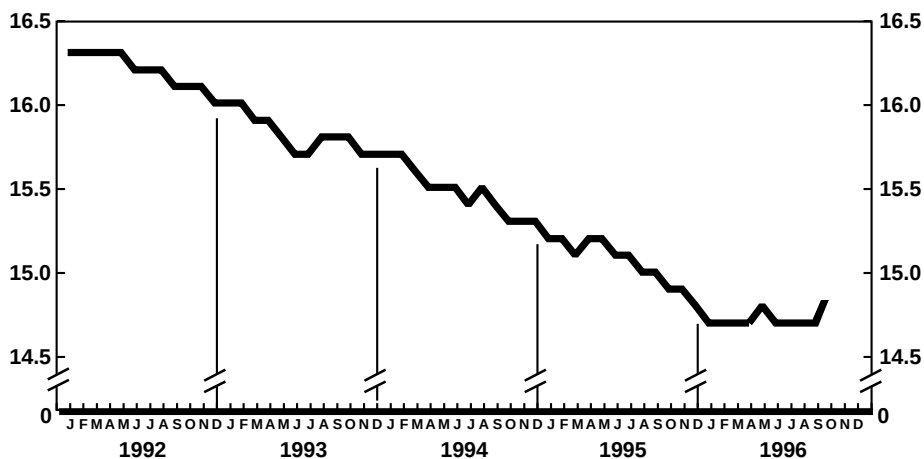
Current Mortality Sample, 12 months ending with September 1996—The provisional death rate for the 12 months ending with September 1996 was 871.4 per 100,000 population, 1 percent lower than the rate of 875.9 for the 12-month period ending September 1995. The provisional age-adjusted death rate for the 12-month period ending with September 1996 was 494.3 per 100,000 U.S. standard million population, 2 percent lower than the rate of 504.1 for the 12-month period ending with September 1995. 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. Among the race-sex groups, the estimated age-adjusted death rates decreased for white males, black males, and black females. By age the death rate



Provisional death rates per 1,000 population by month: United States, 1994–96



Provisional infant mortality rates per 1,000 live births by month: United States, 1994–96



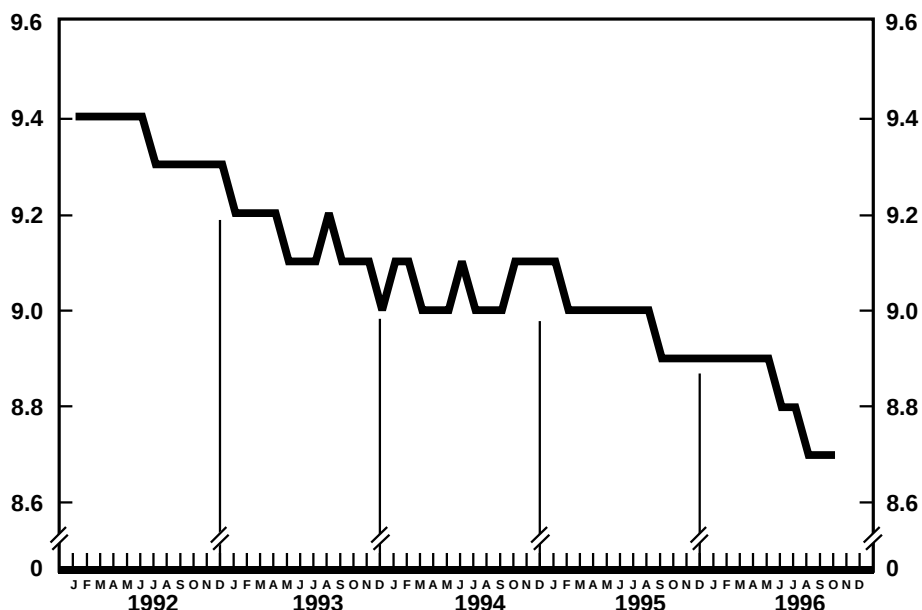
Provisional birth rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1992–96

for the total population decreased for these age groups: Under 1 year, 25–34 years, 35–44 years, 45–54 years, and 75–84 years. The rate increased for the age group 5–14 years.

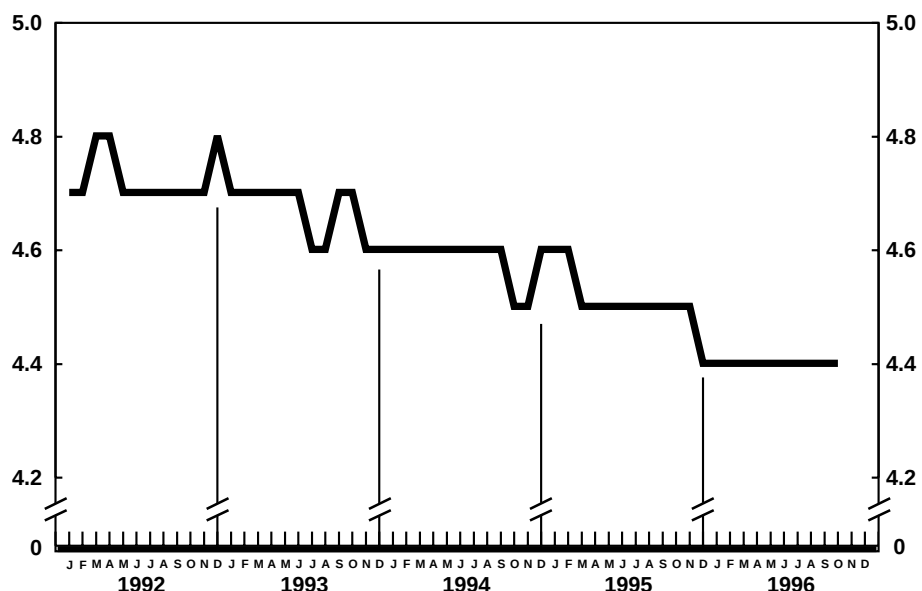
Among the major causes of death, the estimated death rate decreased between the two successive 12-month periods for Atherosclerosis, Chronic liver disease and cirrhosis, Homicide and legal intervention, and Human immunodeficiency virus infection. The death rate increased between the two successive 12-month periods for Alzheimer's disease. The increase for Alzheimer's disease may reflect changes in diagnostic practices rather than real increases in mortality from this cause.

The death rate for injury by firearms for the 12 months ending with September 1996 was 13.3 per 100,000 population, compared with a rate of 13.8 for the comparable 12-month period a year earlier. The change in the rate between the two periods was not statistically significant.

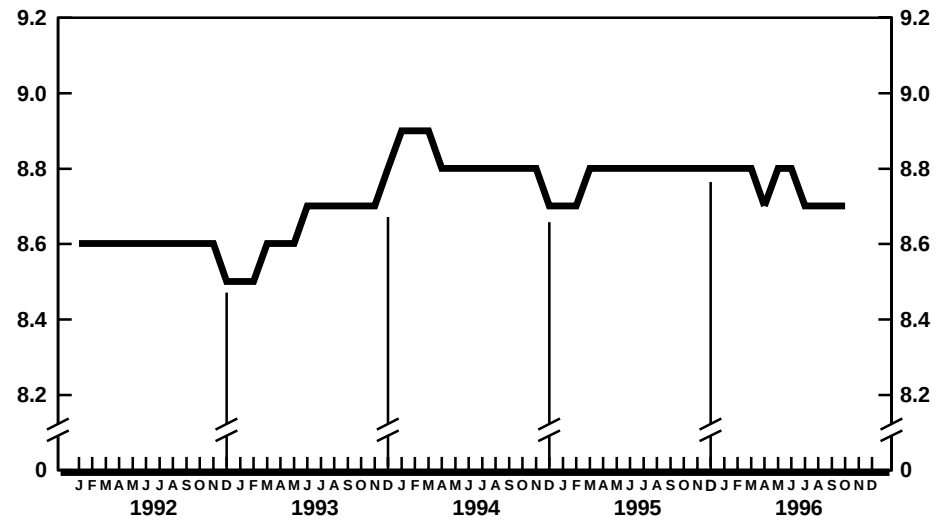
The infant mortality rate for the 12 months ending with September 1996 was 731.9 per 100,000 live births, 3.6 percent lower than the rate of 759.1 for the same 12-month period a year earlier. For infants under 28 days of age, the 12-month rate ending September 1996 was 482.4 compared with a rate of 482.8 for the 12-month period a year earlier. The change in the mortality rate for infants under 28 days of age was not statistically significant. The infant mortality rate for infants aged 28 days–11 months was 249.7, 9.1 percent lower than the rate of 274.8 for the 12-month period a year earlier. Among causes of infant death, changes in the infant mortality rate between the two successive 12-month periods were not statistically significant.



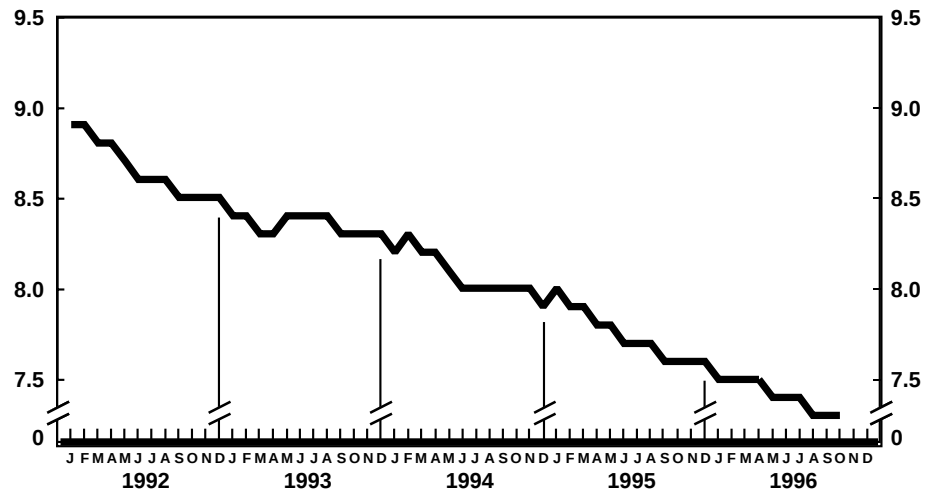
Provisional marriage rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1992-96



Provisional divorce rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1992-96



Provisional death rates per 1,000 population for successive 12-month periods ending with month indicated: United States, 1992-96



Provisional infant mortality rates per 1,000 live births for successive 12-month periods ending with month indicated: United States, 1992-96

Table 1. Provisional number of live births, marriages, divorces, deaths, and infant deaths and rates, by month: United States, January 1995–October 1996[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 population	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
			Unadjusted	Seasonally adjusted ^d								
1995:												
January	350,000	15.8	69.4	72.8	111,000	5.1	96,000	4.3	220,000	9.9	2,700	7.9
February	287,000	14.3	63.1	64.3	146,000	7.5	89,000	4.4	194,000	9.7	2,400	8.0
March	338,000	15.2	67.1	68.0	148,000	6.8	98,000	4.4	208,000	9.4	2,700	8.0
April	313,000	14.5	64.1	65.8	165,000	7.9	98,000	4.6	200,000	9.3	2,300	7.4
May	321,000	14.4	63.5	64.0	238,000	10.7	103,000	4.6	184,000	8.2	2,500	7.5
June	318,000	14.8	65.2	63.8	263,000	12.2	104,000	4.8	180,000	8.3	2,400	7.5
July	337,000	15.1	66.6	64.0	224,000	10.0	97,000	4.4	188,000	8.4	2,400	7.1
August	364,000	16.3	72.1	68.0	254,000	11.4	99,000	4.4	184,000	8.2	2,400	7.2
September	331,000	15.3	67.6	63.7	219,000	10.1	99,000	4.6	178,000	8.2	2,200	6.9
October	328,000	14.7	64.9	65.2	224,000	10.0	98,000	4.4	190,000	8.5	2,500	7.4
November	306,000	14.1	62.6	64.6	174,000	8.0	95,000	4.4	188,000	8.7	2,300	7.5
December	300,000	13.4	59.3	61.6	169,000	7.6	92,000	4.1	197,000	8.8	2,400	7.7
1996:												
January	320,000	14.3	63.4	66.6	105,000	4.9	96,000	4.3	220,000	9.8	2,400	7.6
February	304,000	14.5	64.5	65.8	155,000	7.7	85,000	4.1	197,000	9.4	2,300	7.4
March	333,000	14.9	66.1	67.0	147,000	6.8	93,000	4.2	204,000	9.1	2,500	7.7
April	309,000	14.3	63.3	65.0	168,000	8.0	94,000	4.3	192,000	8.8	2,400	7.7
May	344,000	15.4	68.2	68.7	240,000	10.7	103,000	4.6	197,000	8.8	2,300	6.8
June	304,000	14.0	62.2	61.0	235,000	10.8	104,000	4.8	179,000	8.2	2,300	7.6
July	342,000	15.2	67.8	65.1	233,000	10.4	100,000	4.5	186,000	8.3	2,300	6.9
August	356,000	15.9	70.6	66.7	237,000	10.5	100,000	4.5	176,000	7.8	2,200	6.7
September	342,000	15.7	69.9	65.8	219,000	10.1	92,000	4.2	181,000	8.3	2,300	6.9
October	347,000	15.4	68.8	69.0	225,000	10.0	98,000	4.4	186,000	8.3	2,500	7.1

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 (1967 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, October 1995 and 1996, and cumulative figures, 1994–96[Data are estimates by State of residence; see [Technical notes](#)]

Area	Live births					Deaths				
	October		January–October			October		January–October		
	1996	1995	1996	1995	1994	1996	1995	1996	1995	1994
New England	15,686	12,329	161,491	147,234	148,186	9,303	9,914	97,140	99,548	98,637
Maine	1,209	1,122	11,608	11,888	12,167	730	1,105	9,094	10,040	9,807
New Hampshire	1,389	1,486	11,926	12,720	12,424	799	539	7,561	7,462	7,430
Vermont	671	540	5,751	5,681	5,764	467	281	4,180	4,133	3,781
Massachusetts	5,922	3,941	84,687	66,522	71,669	4,061	4,797	45,001	46,306	46,242
Rhode Island	1,023	1,213	10,536	10,715	11,227	810	797	7,695	7,938	7,699
Connecticut	5,472	4,027	36,983	39,708	34,935	2,436	2,395	23,609	23,669	23,678
Middle Atlantic	46,781	47,011	444,607	453,974	461,061	31,825	31,203	303,456	309,830	308,644
New York	24,495	26,314	226,691	223,902	232,645	14,687	15,300	137,262	141,835	141,565
New Jersey	8,333	6,973	88,948	100,933	95,043	6,024	5,926	59,781	62,103	59,952
Pennsylvania	13,953	13,724	128,968	129,139	133,373	11,114	9,977	106,413	105,892	107,127
East North Central	57,232	58,336	514,783	526,338	539,612	29,992	32,912	317,731	327,510	328,538
Ohio	17,266	14,731	128,784	130,207	135,720	7,720	8,356	85,642	87,272	87,814
Indiana	5,866	9,563	57,629	69,229	69,062	3,336	4,934	39,059	43,383	44,832
Illinois	16,269	15,911	154,420	156,459	158,118	8,692	8,701	86,621	89,927	89,236
Michigan	11,878	12,461	117,314	113,629	118,571	6,508	7,057	68,909	69,544	69,275
Wisconsin	5,953	5,670	56,636	56,814	58,141	3,736	3,864	37,500	37,384	37,381
West North Central	21,915	23,416	216,659	214,530	212,968	13,393	13,512	139,699	140,325	141,891
Minnesota	5,700	5,282	53,900	53,035	54,468	3,172	3,111	30,464	30,696	30,261
Iowa	2,985	2,986	31,483	28,984	30,293	1,794	1,075	21,822	20,789	21,906
Missouri	6,328	7,942	62,967	63,866	64,661	4,059	5,056	44,678	45,977	47,212
North Dakota	762	702	7,104	7,307	7,222	516	465	4,834	4,996	4,956
South Dakota	1,076	753	8,437	9,126	8,854	630	523	5,300	5,691	5,650
Nebraska	1,934	1,938	19,699	19,567	19,013	1,252	1,332	12,601	12,521	12,210
Kansas	3,130	3,813	33,069	32,645	28,457	1,970	1,950	20,000	19,655	19,696
South Atlantic	64,557	53,745	552,903	549,171	552,561	34,917	34,400	367,308	363,218	358,774
Delaware	862	863	8,587	8,434	8,665	560	523	5,296	5,107	5,133
Maryland	7,338	5,787	61,598	61,367	58,446	3,770	3,223	34,936	33,824	32,582
District of Columbia	727	733	6,881	7,567	8,248	544	576	4,989	5,488	5,706
Virginia	8,083	6,170	74,288	74,905	79,373	4,303	4,176	43,429	43,744	45,029
West Virginia	1,900	1,447	16,910	17,972	18,485	1,751	1,592	15,957	16,570	16,950
North Carolina	12,986	8,998	88,720	86,793	85,928	5,233	5,320	55,129	53,946	54,107
South Carolina	4,745	4,085	43,067	41,789	43,139	2,578	2,489	28,143	26,876	26,620
Georgia	10,948	9,676	96,425	96,512	91,152	4,756	4,592	49,620	48,588	47,749
Florida	16,968	15,986	156,427	153,832	159,125	11,422	11,909	129,809	129,075	124,898
East South Central	20,402	20,794	189,624	188,483	192,473	11,901	13,528	130,614	132,878	130,425
Kentucky	4,090	4,611	43,969	43,501	43,922	3,150	3,113	31,490	32,337	31,575
Tennessee	6,981	6,872	60,536	60,837	62,661	3,347	4,542	41,119	42,680	40,657
Alabama	5,442	5,828	51,429	52,095	51,144	3,250	3,624	35,748	35,360	35,791
Mississippi	3,889	3,483	33,690	32,050	34,746	2,154	2,249	22,257	22,501	22,402
West South Central	40,819	30,748	405,149	409,062	396,373	18,377	15,401	202,757	199,908	200,611
Arkansas	2,963	2,828	30,177	28,117	28,952	2,054	2,299	21,430	21,187	22,516
Louisiana	5,567	6,533	55,949	57,229	56,873	2,967	3,395	34,258	33,203	34,603
Oklahoma	4,305	4,723	38,224	39,508	38,306	2,727	2,658	27,657	27,205	27,082
Texas ¹	27,984	16,664	280,799	284,208	272,242	10,629	7,049	119,412	118,313	116,410
Mountain	23,916	20,151	216,354	205,558	205,987	10,622	9,834	102,373	95,194	94,390
Montana	963	920	9,172	9,408	9,230	677	685	6,434	6,368	6,182
Idaho	1,569	1,611	15,974	14,799	14,668	762	766	7,208	7,072	7,079
Wyoming	575	592	5,225	5,359	5,396	328	311	2,967	3,092	2,918
Colorado	3,915	4,237	40,446	42,489	45,688	2,481	2,204	21,373	20,855	20,237
New Mexico	2,505	2,317	22,776	22,864	23,544	1,084	941	10,478	10,303	10,171
Arizona	8,308	5,182	67,861	59,852	56,192	3,419	3,045	33,848	28,536	29,232
Utah	3,408	3,726	35,020	33,105	32,441	891	855	9,191	8,865	8,729
Nevada	2,673	1,566	19,880	17,682	18,828	980	1,027	10,874	10,103	9,842
Pacific	63,215	59,989	586,075	593,905	625,959	25,734	25,334	255,848	254,902	252,719
Washington	7,543	6,442	68,230	66,332	67,168	4,072	3,255	34,518	33,024	31,895
Oregon	3,450	3,642	37,554	37,017	35,614	2,230	2,230	23,338	23,551	23,351
California ¹	49,960	47,560	456,595	466,424	496,385	18,626	19,060	189,404	189,999	189,380
Alaska	810	779	8,374	8,796	10,590	161	187	1,972	2,032	2,018
Hawaii	1,452	1,566	15,322	15,336	16,202	645	602	6,616	6,296	6,075
Puerto Rico ²	5,722	5,650	50,083	50,027	---	2,512	2,871	22,638	24,677	---

--- Data not available.

¹Figures include adjustments for varying lengths of reporting periods; see [Technical notes](#).²Data for Puerto Rico are not included in U.S. total figures.

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, October 1995 and 1996, and cumulative figures, 1994–96[By State of occurrence. Number of events reported; see [Technical notes](#). Divorces include reported annulments]

Area	Marriages					Divorces				
	October		January–October			October		January–October		
	1996	1995	1996	1995	1994	1996	1995	1996	1995	1994
New England	¹ 12,053	12,501	¹ 72,478	84,352	91,639	4,163	3,127	32,652	33,359	32,211
Maine	---	1,251	---	9,691	9,356	549	397	4,226	4,355	4,386
New Hampshire	1,346	1,363	8,128	7,995	8,718	474	495	3,904	4,126	4,189
Vermont	862	752	5,064	5,041	4,778	292	264	2,231	2,396	2,035
Massachusetts	5,544	5,364	34,022	36,004	43,402	1,662	843	10,827	11,241	11,143
Rhode Island	883	882	6,801	6,414	6,117	304	265	2,758	3,090	2,687
Connecticut	3,418	2,889	18,463	19,207	19,268	882	863	8,706	8,151	7,771
Middle Atlantic	33,705	31,308	225,980	226,154	235,075	11,121	10,832	105,105	100,896	100,020
New York ²	19,710	16,520	124,427	119,015	125,635	5,780	5,556	52,348	47,341	46,871
New Jersey	5,469	6,659	40,711	43,985	45,014	2,227	2,109	21,130	20,603	20,167
Pennsylvania	8,526	8,129	60,842	63,154	64,426	3,114	3,167	31,627	32,952	32,982
East North Central	34,020	37,407	262,109	285,731	293,624	¹ 12,294	¹ 12,809	¹ 116,785	¹ 121,268	¹ 123,506
Ohio	9,281	9,276	70,383	77,568	77,995	3,877	3,658	36,304	40,539	41,418
Indiana	2,650	5,370	23,548	43,050	43,033	---	---	---	---	---
Illinois	10,326	9,667	76,824	70,442	78,765	3,635	3,636	33,622	32,369	34,889
Michigan	7,279	8,581	59,081	62,220	61,472	3,161	3,882	32,407	33,667	32,674
Wisconsin	4,484	4,513	32,273	32,451	32,359	1,621	1,633	14,452	14,693	14,525
West North Central	16,831	14,968	128,418	127,503	127,069	6,643	5,856	62,285	62,635	65,045
Minnesota	3,628	3,669	29,671	29,441	28,840	1,403	1,309	12,689	13,008	13,379
Iowa	2,525	2,583	19,827	19,400	19,604	788	1,004	8,257	8,822	9,344
Missouri	4,490	3,951	39,768	38,342	37,964	2,247	1,686	21,879	21,964	22,541
North Dakota	505	401	4,442	4,046	4,258	193	211	1,933	1,861	1,838
South Dakota	584	630	5,971	6,485	6,652	256	264	2,301	2,402	2,455
Nebraska	1,036	1,012	10,901	10,706	10,852	564	491	5,103	5,193	5,457
Kansas	4,063	2,722	17,838	19,083	18,899	1,192	891	10,123	9,385	10,031
South Atlantic	40,047	38,972	372,098	376,074	372,379	¹ 18,164	17,862	¹ 185,475	189,422	193,328
Delaware	543	546	4,473	4,578	4,251	307	289	2,887	3,111	2,948
Maryland	4,193	4,144	35,174	36,503	36,619	1,569	772	13,127	12,331	14,182
District of Columbia	186	312	1,830	1,804	2,209	---	225	---	1,329	1,881
Virginia	6,707	6,708	55,181	58,199	58,894	2,545	2,429	23,288	23,465	24,542
West Virginia	1,107	1,277	9,454	9,689	8,921	627	841	6,257	7,531	7,555
North Carolina	5,670	5,521	51,791	52,823	42,518	2,723	3,117	30,086	31,593	30,753
South Carolina	3,555	3,413	36,582	38,171	43,952	1,355	1,365	12,980	12,474	12,754
Georgia	5,573	6,038	51,207	52,990	53,287	3,037	3,309	30,389	31,318	30,839
Florida	12,513	11,013	126,406	121,317	121,728	6,001	5,515	66,461	66,270	67,874
East South Central	15,244	15,706	160,572	163,101	158,688	8,094	8,832	83,367	81,107	82,566
Kentucky	4,149	4,521	36,773	39,995	39,968	1,690	2,170	18,188	19,278	19,006
Tennessee	7,181	5,141	66,994	70,462	65,710	3,008	2,835	29,089	28,593	28,239
Alabama	2,723	4,620	39,175	35,127	34,275	2,089	2,586	22,481	22,152	22,552
Mississippi	1,191	1,424	17,630	17,517	18,735	1,307	1,241	13,609	11,084	12,769
West South Central	23,198	16,488	245,910	251,420	252,459	¹ 2,202	¹ 8,641	¹ 28,335	¹ 116,847	¹ 117,957
Arkansas	2,901	2,522	29,400	29,959	31,981	713	1,352	12,113	13,230	14,748
Louisiana	4,573	2,489	31,586	33,431	34,795	---	---	---	---	---
Oklahoma	1,868	2,056	22,421	24,068	24,868	1,489	2,003	16,222	18,438	18,220
Texas ³	13,856	9,421	162,503	163,962	160,815	---	5,286	---	85,179	84,989
Mountain	¹ 12,200	21,871	¹ 120,156	232,117	230,590	¹ 5,007	¹ 6,537	¹ 50,225	¹ 63,008	74,029
Montana	477	445	5,919	5,939	6,135	406	353	3,594	3,469	3,424
Idaho	1,288	1,465	12,912	13,466	13,478	508	613	5,783	5,670	5,897
Wyoming	329	264	4,269	4,267	4,073	290	290	2,612	2,671	2,498
Colorado	4,114	2,438	30,431	30,015	30,176	---	---	---	---	15,928
New Mexico ^{4,5}	1,271	1,211	13,688	12,819	10,640	830	1,037	9,228	9,749	8,330
Arizona ²	3,187	3,086	33,543	32,451	30,380	2,255	2,455	21,635	23,123	19,403
Utah	1,534	1,494	19,394	18,736	17,895	718	755	7,373	7,509	7,651
Nevada	---	11,468	---	114,424	117,813	---	1,034	---	10,817	10,898
Pacific	26,171	31,255	256,609	242,380	252,878	¹ 3,827	¹ 4,329	¹ 40,756	¹ 43,607	¹ 45,038
Washington	3,244	3,187	32,894	37,133	36,577	1,736	2,500	22,155	24,164	24,723
Oregon	3,470	1,767	22,099	22,640	21,761	1,637	1,420	12,430	12,670	13,594
California	17,636	24,371	180,812	162,196	174,671	---	---	---	---	---
Alaska	237	349	4,322	4,687	4,730	210	61	2,257	2,352	2,717
Hawaii	1,584	1,581	16,482	15,724	15,139	244	348	3,914	4,421	4,004
Puerto Rico ⁶	2,028	2,150	23,775	25,423	---	---	---	---	---	---

--- Data not available.

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 lengths of reporting periods; see [Technical notes](#).⁴Figures for marriages are marriage licenses issued.⁵Figures for divorces include estimates for some counties.⁶Data for Puerto Rico are not included in U.S. total figures.

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 October 1995 and 1996

[Data are estimates by State of residence. Figures should be interpreted with caution because of conversion of place of occurrence to place 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 October			
	1996		1995	
	Number	Rate	Number	Rate
New England	964	5.3	924	5.3
Maine	66	4.8	71	5.1
New Hampshire	73	5.1	71	4.8
Vermont	62	9.1	39	5.5
Massachusetts	426	4.6	393	5.0
Rhode Island	72	5.8	91	7.0
Connecticut	265	6.2	259	5.5
Middle Atlantic	3,805	7.3	4,001	7.3
New York	1,808	6.8	2,083	7.7
New Jersey	826	8.0	788	6.4
Pennsylvania	1,171	7.7	1,130	7.4
East North Central	4,990	8.1	5,361	8.5
Ohio	1,202	7.8	1,328	8.5
Indiana	632	8.7	750	9.0
Illinois	1,554	8.5	1,623	8.7
Michigan	1,093	8.0	1,156	8.6
Wisconsin	509	7.6	504	7.5
West North Central	1,847	7.2	1,866	7.4
Minnesota	415	6.5	392	6.2
Iowa	226	5.8	251	7.3
Missouri	578	7.8	592	7.9
North Dakota	34	4.0	49	5.6
South Dakota	56	5.7	115	10.6
Nebraska	195	8.4	183	7.8
Kansas	343	9.1	284	7.6
South Atlantic	5,462	8.3	5,659	8.6
Delaware	74	7.3	70	6.9
Maryland	594	8.2	665	8.9
District of Columbia	110	13.3	173	19.2
Virginia	666	7.5	686	7.5
West Virginia	157	7.9	151	7.2
North Carolina	946	9.1	1,007	9.8
South Carolina	411	8.0	411	8.3
Georgia	1,069	9.5	1,069	9.4
Florida	1,435	7.5	1,427	7.7
East South Central	2,030	9.0	2,168	9.5
Kentucky	406	7.9	403	7.8
Tennessee	609	8.3	722	9.8
Alabama	636	10.5	617	10.0
Mississippi	379	9.8	426	10.5
West South Central	3,365	7.1	3,511	7.3
Arkansas	304	8.4	262	7.8
Louisiana	547	8.3	634	9.2
Oklahoma	400	9.0	408	8.7
Texas ¹	2,114	6.4	2,207	6.6
Mountain	1,756	7.0	1,665	6.9
Montana	89	8.1	81	7.2
Idaho	134	7.1	111	6.3
Wyoming	40	6.5	58	9.1
Colorado	356	7.4	354	6.9
New Mexico	165	6.1	203	7.4
Arizona	600	7.8	520	7.4
Utah	225	5.5	219	5.5
Nevada	147	6.2	119	5.8
Pacific	4,143	5.9	4,411	6.3
Washington	419	5.2	414	5.3
Oregon	226	5.2	272	6.2
California ¹	3,323	6.0	3,539	6.4
Alaska	73	7.6	72	7.0
Hawaii	102	5.6	114	6.2
Puerto Rico ²	604	9.9	---	---

--- Data not available.

¹Figures include adjustments for varying lengths of reporting periods; see [Technical notes](#).

²Data for Puerto Rico are not included in U.S. total figures.

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, September 1995 and 1996, cumulative figures 1995 and 1996, and 12 months ending with September 1995 and 1996

[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](#). Because of 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	September				January–September				12 months ending with September			
	1996		1995		1996		1995		1996		1995	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All races, both sexes ¹												
All ages	181,000	832.3	178,000	821.2	1,731,000	873.3	1,735,000	883.9	2,305,000	871.4	2,296,000	875.9
Under 1 year	3,490	73.3	3,330	70.1	21,100	² 732.6	22,100	² 766.7	28,400	² 735.4	29,700	² 773.3
1–4 years					4,680	40.0	5,200	44.0	6,210	39.8	6,940	43.9
5–14 years					6,780	23.5	5,990	21.0	9,020	23.4	8,010	21.1
15–24 years					25,340	94.2	25,790	96.0	34,100	95.0	34,940	97.3
25–34 years	4,540	137.5	4,680	139.8	40,050	132.2	44,030	143.8	54,290	134.0	58,620	143.1
35–44 years	7,940	223.3	8,720	248.7	72,830	225.5	77,000	242.9	98,480	228.4	101,730	240.5
45–54 years	11,760	440.6	11,400	442.4	106,220	441.3	108,000	467.2	141,380	441.3	142,080	461.0
55–64 years	18,620	1,061.6	18,830	1,082.4	175,680	1,101.7	175,800	1,113.5	234,330	1,101.8	235,100	1,114.5
65–74 years	37,390	2,444.8	36,840	2,389.6	358,120	2,557.8	362,380	2,583.9	474,690	2,537.5	479,670	2,558.2
75–84 years	51,790	5,500.9	49,630	5,391.8	494,340	5,805.6	490,420	5,905.6	655,490	5,777.3	649,800	5,866.7
85 years and over	42,630	13,846.8	41,080	13,678.3	424,910	15,280.4	416,890	15,438.4	566,280	15,296.6	548,710	15,250.4
Not stated	70	...	70	...	790	...	810	...	1,000	...	1,020	...
Age-adjusted rate ³	...	478.2	...	478.1	...	494.9	...	507.3	...	494.3	...	504.1
All races, male ¹												
All ages	91,830	863.4	90,550	857.1	875,250	904.0	880,510	919.0	1,166,510	902.7	1,165,100	910.2
Under 1 year	2,040	83.7	1,920	79.0	11,430	² 773.9	12,190	² 828.5	15,560	² 787.8	16,610	² 845.7
1–4 years					2,650	44.4	2,940	49.0	3,560	44.6	3,950	48.8
5–14 years					4,050	27.4	3,630	25.0	5,440	27.6	4,750	24.4
15–24 years					19,100	139.2	19,600	142.9	25,940	141.5	26,760	145.9
25–34 years	3,070	186.2	3,390	202.6	28,360	187.5	32,060	209.5	38,680	191.0	42,690	208.5
35–44 years	5,180	293.5	6,020	346.1	49,610	309.5	53,430	339.8	67,080	313.6	70,610	336.6
45–54 years	7,610	583.6	7,310	580.7	67,460	573.7	68,160	603.5	90,100	575.7	89,590	595.0
55–64 years	11,280	1,351.4	10,980	1,327.8	105,450	1,389.9	105,390	1,404.9	140,530	1,388.9	141,560	1,412.6
65–74 years	21,110	3,095.4	21,080	3,075.6	202,670	3,248.9	206,700	3,318.2	269,950	3,239.9	272,540	3,272.2
75–84 years	25,320	6,846.3	24,210	6,766.7	242,970	7,287.2	240,570	7,477.1	321,550	7,242.1	317,110	7,397.0
85 years and over	13,890	15,941.5	13,400	15,952.4	140,980	17,991.8	135,330	17,934.1	187,460	17,990.4	178,300	17,741.3
Not stated	20	...	40	...	520	...	510	...	660	...	640	...
Age-adjusted rate ³	...	608.8	...	611.5	...	630.6	...	651.0	...	631.4	...	646.6
All races, female ¹												
All ages	89,380	802.6	87,000	785.8	855,610	843.9	853,800	850.2	1,137,130	840.3	1,131,160	843.0
Under 1 year	1,450	62.4	1,420	61.3	9,690	² 687.9	9,810	² 698.9	12,810	² 680.3	13,030	² 695.3
1–4 years					2,030	35.6	2,260	39.2	2,660	34.9	2,990	38.7
5–14 years					2,740	19.5	2,360	17.1	3,580	19.1	3,260	17.6
15–24 years					6,240	47.3	6,190	47.0	8,150	46.4	8,190	46.6
25–34 years	1,480	89.6	1,290	77.0	11,690	77.1	11,970	78.2	15,610	77.0	15,930	77.8
35–44 years	2,760	154.1	2,690	152.2	23,220	142.7	23,570	147.5	31,400	144.6	31,120	145.9
45–54 years	4,150	304.0	4,090	310.3	38,760	314.8	39,840	336.9	51,280	312.9	52,490	332.9
55–64 years	7,340	798.5	7,860	861.1	70,230	840.2	70,410	849.8	93,800	841.3	93,540	844.8
65–74 years	16,290	1,922.6	15,760	1,840.4	155,450	2,002.6	155,680	1,997.3	204,740	1,973.6	207,130	1,987.6
75–84 years	26,480	4,633.0	25,420	4,517.6	251,370	4,852.6	249,850	4,911.8	333,940	4,836.2	332,690	4,901.1
85 years and over	28,740	13,010.3	27,680	12,800.2	283,930	14,215.2	281,560	14,467.3	378,820	14,236.0	370,410	14,279.5
Not stated	50	...	30	...	270	...	300	...	340	...	380	...
Age-adjusted rate ³	...	368.2	...	366.3	...	382.0	...	387.6	...	380.1	...	385.2
White												
All ages	155,320	861.5	151,970	846.7	1,489,450	906.9	1,489,210	914.2	1,982,290	904.1	1,972,520	906.2
Under 1 year	2,380	63.3	2,210	58.8	13,740	² 611.0	14,420	² 641.9	18,750	² 622.9	19,470	² 647.7
1–4 years					3,160	34.3	3,510	37.7	4,290	34.8	4,700	37.6
5–14 years					4,770	20.9	4,340	19.2	6,520	21.4	5,750	19.1
15–24 years					17,830	83.2	18,160	84.6	24,190	84.6	24,370	85.0
25–34 years	3,320	123.7	3,240	118.5	28,230	114.5	31,160	124.5	37,900	114.8	41,670	124.4
35–44 years	5,580	188.7	6,320	216.5	52,480	195.2	54,620	206.9	70,840	197.4	72,480	205.7
45–54 years	8,990	394.9	8,660	393.2	80,840	393.4	82,830	418.8	107,980	394.8	108,980	413.2
55–64 years	14,980	990.1	15,250	1,014.8	142,780	1,037.5	142,560	1,044.4	190,350	1,036.9	190,800	1,046.1
65–74 years	32,460	2,399.8	31,830	2,328.6	310,990	2,508.9	312,460	2,510.5	411,990	2,486.8	414,020	2,487.8
75–84 years	46,260	5,419.9	44,580	5,341.6	443,940	5,750.0	440,800	5,853.9	588,820	5,723.9	584,490	5,818.7
85 years and over	39,050	13,934.2	37,570	13,751.5	390,120	15,417.8	383,730	15,613.2	519,910	15,432.2	505,030	15,416.1
Not stated	40	...	50	...	570	...	620	...	750	...	770	...
Age-adjusted rate ³	...	453.7	...	452.0	...	469.4	...	479.2	...	468.9	...	476.4

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, September 1995 and 1996, cumulative figures 1995 and 1996, and 12 months ending with September 1995 and 1996—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](#). Because of 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	September				January–September				12 months ending with September			
	1996		1995		1996		1995		1996		1995	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
White male												
All ages	78,240	884.1	76,640	870.4	745,540	924.9	748,040	936.2	993,550	923.3	989,820	927.1
Under 1 year	1,350	69.9	1,340	69.5	7,480	² 648.9	8,080	² 700.7	10,400	² 673.1	10,950	² 710.1
1–4 years					1,890	40.0	2,120	44.3	2,580	40.9	2,820	44.0
5–14 years					2,810	24.1	2,620	22.6	3,890	24.8	3,390	21.9
15–24 years	1,710	141.9	1,630	134.9	13,140	119.7	13,650	124.0	17,990	122.6	18,420	125.2
25–34 years	2,270	167.6	2,410	174.6	20,360	163.5	23,160	183.2	27,500	165.1	30,880	182.6
35–44 years	3,650	246.0	4,470	305.3	36,160	268.2	38,560	291.2	48,780	271.0	51,240	290.0
45–54 years	5,970	530.9	5,560	511.2	51,820	510.7	52,660	539.5	69,530	514.8	69,120	530.9
55–64 years	9,270	1,273.1	9,000	1,245.7	86,200	1,302.2	86,650	1,320.9	115,050	1,302.8	116,400	1,328.3
65–74 years	18,520	3,047.1	18,170	2,968.2	177,240	3,185.3	179,660	3,226.6	235,740	3,171.1	237,440	3,188.8
75–84 years	22,870	6,793.6	21,820	6,702.3	219,300	7,225.9	217,280	7,423.0	290,590	7,191.0	286,200	7,336.6
85 years and over	12,610	16,008.5	12,200	16,099.1	128,740	18,174.1	123,170	18,091.6	170,990	18,151.8	162,430	17,908.5
Not stated	10	...	40	...	390	...	420	...	510	...	520	...
Age-adjusted rate ³	...	578.4	...	576.4	...	596.6	...	614.6	...	597.5	...	610.4
White female												
All ages	77,080	839.8	75,330	823.8	743,910	889.5	741,170	893.0	988,730	885.6	982,700	886.0
Under 1 year	1,030	56.2	880	48.1	6,260	² 571.0	6,340	² 578.1	8,350	² 570.0	8,520	² 582.0
1–4 years					1,270	27.9	1,380	30.4	1,720	28.7	1,870	30.7
5–14 years					1,960	17.6	1,730	15.6	2,630	17.7	2,370	16.1
15–24 years	560	49.0	630	54.9	4,690	45.0	4,510	43.1	6,200	44.5	5,950	42.6
25–34 years	1,040	78.2	830	61.3	7,870	64.4	8,000	64.6	10,390	63.6	10,790	65.1
35–44 years	1,930	130.9	1,850	127.1	16,320	121.8	16,060	122.0	22,050	123.3	21,230	120.8
45–54 years	3,020	262.2	3,100	278.0	29,020	279.2	30,170	301.5	38,450	277.8	39,860	298.5
55–64 years	5,710	727.5	6,240	799.7	56,580	792.6	55,910	788.5	75,310	790.6	74,400	785.1
65–74 years	13,940	1,871.5	13,660	1,809.8	133,750	1,957.8	132,800	1,931.1	176,240	1,929.7	176,580	1,920.2
75–84 years	23,390	4,525.2	22,760	4,471.4	224,640	4,794.0	223,520	4,855.8	298,230	4,774.7	298,280	4,854.8
85 years and over	26,440	13,123.2	25,370	12,850.5	261,370	14,347.2	260,550	14,663.7	348,920	14,376.6	342,600	14,461.8
Not stated	30	...	10	...	180	...	200	...	240	...	250	...
Age-adjusted rate ³	...	347.8	...	346.5	...	363.2	...	365.8	...	361.3	...	364.0
Black												
All ages	22,180	802.9	22,430	821.0	212,170	845.2	215,840	872.5	283,370	846.0	285,050	862.8
Under 1 year	950	127.2	1,000	134.9	6,630	² 1,407.3	6,810	² 1,459.7	8,760	² 1,390.5	9,180	² 1,478.3
1–4 years					1,310	71.1	1,480	79.0	1,680	68.3	1,970	79.2
5–14 years					1,570	34.8	1,370	30.7	1,970	33.0	1,830	31.1
15–24 years	610	135.6	570	127.0	6,540	159.6	6,560	161.1	8,580	156.9	9,110	167.6
25–34 years	1,060	239.3	1,340	301.1	10,590	261.4	11,710	288.9	14,740	272.2	15,350	282.7
35–44 years	2,080	476.2	2,140	499.8	18,480	466.7	20,440	529.2	25,170	476.7	26,640	517.0
45–54 years	2,340	829.4	2,480	921.6	22,340	881.1	22,330	929.1	29,550	876.1	29,360	916.4
55–64 years	3,180	1,794.4	3,070	1,750.3	29,050	1,804.0	29,140	1,836.9	38,880	1,810.9	38,890	1,835.3
65–74 years	4,280	3,193.6	4,400	3,308.6	41,290	3,384.6	44,070	3,654.9	54,890	3,371.6	57,930	3,595.9
75–84 years	4,590	6,619.1	4,380	6,405.0	43,810	6,961.2	43,000	6,962.2	58,230	6,940.4	56,680	6,878.6
85 years and over	3,060	13,145.1	3,030	13,308.7	30,340	14,421.3	28,750	14,060.9	40,660	14,573.5	37,860	13,919.1
Not stated	30	...	20	...	220	...	170	...	250	...	230	...
Age-adjusted rate ³	...	706.3	...	729.3	...	741.4	...	775.9	...	742.7	...	768.4
Black male												
All ages	11,550	881.1	12,130	936.1	113,570	953.5	115,650	985.7	152,080	956.8	153,060	976.9
Under 1 year	580	153.0	500	132.9	3,530	² 1,477.9	3,600	² 1,514.1	4,690	² 1,470.2	5,000	² 1,587.3
1–4 years					660	70.6	730	77.3	860	69.0	1,000	79.2
5–14 years					950	42.2	890	40.3	1,200	39.6	1,180	39.6
15–24 years	520	230.9	450	200.5	5,220	254.0	5,140	253.1	6,920	252.9	7,240	266.5
25–34 years	690	329.1	900	427.6	7,230	377.0	8,090	420.8	10,160	396.3	10,640	414.3
35–44 years	1,350	661.4	1,370	685.7	12,140	656.8	13,520	749.2	16,650	675.2	17,600	732.1
45–54 years	1,440	1,126.1	1,620	1,328.2	14,040	1,221.9	13,910	1,275.1	18,490	1,210.1	18,400	1,267.2
55–64 years	1,730	2,245.3	1,730	2,270.6	16,980	2,426.0	16,440	2,386.8	22,540	2,415.9	21,990	2,387.6
65–74 years	2,170	3,870.5	2,510	4,530.9	22,210	4,360.0	23,530	4,690.2	29,830	4,386.8	30,630	4,571.6
75–84 years	1,970	7,752.9	2,070	8,311.9	20,280	8,793.0	19,890	8,855.9	26,730	8,678.6	26,450	8,846.2
85 years and over	1,080	16,068.3	990	15,056.2	10,190	16,808.9	9,830	16,615.3	13,860	17,325.0	12,820	16,227.8
Not stated	10	...	—	...	130	...	80	...	150	...	110	...
Age-adjusted rate ³	...	902.2	...	976.0	...	981.7	...	1,021.9	...	985.1	...	1,014.1

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, September 1995 and 1996, cumulative figures 1995 and 1996, and 12 months ending with September 1995 and 1996—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](#). Because of 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	September				January–September				12 months ending with September			
	1996		1995		1996		1995		1996		1995	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Black female												
All ages	10,630	732.3	10,300	717.2	98,600	747.4	100,190	770.5	131,290	745.8	131,990	760.0
Under 1 year	370	100.5	500	136.9	3,100	² 1,330.5	3,210	² 1,399.4	4,070	² 1,308.7	4,180	² 1,366.0
1–4 years					650	71.5	750	82.9	820	67.7	980	79.9
5–14 years					620	28.1	480	22.1	770	26.2	650	22.5
15–24 years	100	*	120	53.4	1,320	65.4	1,420	70.2	1,660	60.8	1,870	68.8
25–34 years	370	158.6	440	187.6	3,360	157.0	3,630	170.1	4,570	160.2	4,720	164.9
35–44 years	730	313.7	780	341.6	6,340	300.5	6,920	336.3	8,520	302.8	9,040	328.8
45–54 years	900	583.4	850	577.7	8,300	598.0	8,420	640.0	11,060	599.5	10,970	626.1
55–64 years	1,450	1,447.6	1,350	1,360.8	12,070	1,325.7	12,700	1,415.7	16,340	1,346.0	16,900	1,410.7
65–74 years	2,110	2,706.8	1,890	2,435.9	19,080	2,684.0	20,540	2,917.1	25,060	2,643.5	27,300	2,901.2
75–84 years	2,620	5,963.4	2,310	5,312.8	23,530	5,901.4	23,110	5,873.7	31,510	5,934.1	30,240	5,760.0
85 years and over	1,970	11,898.0	2,040	12,599.0	20,150	13,449.8	18,920	13,026.9	26,810	13,472.4	25,030	12,968.9
Not stated	20	...	20	...	90	...	90	...	100	...	120	...
Age-adjusted rate ³	...	552.6	...	541.7	...	555.3	...	585.8	...	554.8	...	578.1

* Figure does not meet standard of reliability or precision.

... Category not applicable.

– Quantity zero.

¹Includes races other than white and black.

²Death rates for "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, Human immunodeficiency virus infection, and Alzheimer's disease: United States, September 1995 and 1996, cumulative figures 1995 and 1996, and 12 months ending with September 1995 and 1996

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population. Because of 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 asterisks preceding cause-of-death categories, see [Technical notes](#)]

Cause of death (Based on the Ninth Revision, International Classification of Diseases, 1975)	September				January–September				12 months ending with September			
	1996		1995		1996		1995		1996		1995	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All causes	181,000	832.3	178,000	821.2	1,731,000	873.3	1,735,000	883.9	2,305,000	871.4	2,296,000	875.9
Shigellosis and amebiasis	—	*	—	*	—	*	—	*	—	*	—	*
Certain other intestinal infections.	90	*	40	*	670	0.3	490	0.2	810	0.3	610	0.2
Tuberculosis	90	*	120	0.5	690	0.3	1,030	0.5	1,030	0.4	1,350	0.5
Tuberculosis of respiratory system	80	*	100	*	560	0.3	780	0.4	840	0.3	1,010	0.4
Other tuberculosis	10	*	20	*	140	0.1	250	0.1	190	0.1	340	0.1
Whooping cough.	—	*	—	*	10	*	—	*	20	*	—	*
Streptococcal sore throat, scarlatina, and erysipelas.	—	*	—	*	—	*	10	*	—	*	10	*
Meningococcal infection	30	*	—	*	220	0.1	280	0.1	240	0.1	350	0.1
Septicemia	1,510	6.9	1,430	6.6	16,100	8.1	16,040	8.2	21,260	8.0	20,730	7.9
Acute poliomyelitis.	—	*	—	*	—	*	—	*	—	*	—	*
Measles	—	*	—	*	—	*	—	*	—	*	—	*
Viral hepatitis.	310	1.4	330	1.5	2,760	1.4	2,620	1.3	3,660	1.4	3,390	1.3
Syphilis	20	*	20	*	30	*	120	0.1	40	*	130	0.0
All other infectious and parasitic diseases ¹	2,750	12.6	4,140	19.1	29,690	15.0	37,350	19.0	41,350	15.6	49,140	18.7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	46,160	212.0	44,450	205.4	405,830	204.7	402,970	205.3	539,310	203.9	538,030	205.2
Malignant neoplasms of lip, oral cavity, and pharynx	770	3.5	730	3.4	5,900	3.0	6,060	3.1	7,820	3.0	7,970	3.0
Malignant neoplasms of digestive organs and peritoneum	10,620	48.8	10,140	46.9	94,140	47.5	93,850	47.8	125,540	47.5	125,640	47.9
Malignant neoplasms of respiratory and intrathoracic organs	13,730	63.1	13,010	60.1	118,770	59.9	116,210	59.2	157,490	59.5	154,580	59.0
Malignant neoplasm of breast	3,580	16.4	3,670	17.0	33,130	16.7	33,020	16.8	44,120	16.7	44,240	16.9
Malignant neoplasms of genital organs	5,010	23.0	5,090	23.5	44,970	22.7	45,780	23.3	59,990	22.7	61,170	23.3
Malignant neoplasms of urinary organs	1,970	9.0	1,910	8.8	17,150	8.6	17,530	8.9	22,700	8.6	22,900	8.7
Malignant neoplasms of all other and unspecified sites.	5,520	25.4	5,640	26.1	49,670	25.1	49,570	25.2	65,690	24.8	66,560	25.4
Leukemia.	1,640	7.5	1,520	7.0	15,550	7.8	14,950	7.6	20,220	7.6	19,770	7.5
Other malignant neoplasms of lymphatic and hematopoietic tissues.	3,330	15.3	2,730	12.6	26,550	13.4	25,990	13.2	35,720	13.5	35,200	13.4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	550	2.5	550	2.5	5,870	3.0	6,430	3.3	7,830	3.0	8,230	3.1
Diabetes mellitus	4,510	20.7	4,510	20.8	45,480	22.9	44,100	22.5	59,720	22.6	58,140	22.2
Nutritional deficiencies	300	1.4	270	1.2	2,930	1.5	2,760	1.4	4,000	1.5	3,550	1.4
Anemias.	360	1.6	320	1.5	2,930	1.5	3,100	1.6	4,110	1.6	4,160	1.6
Meningitis.	60	*	40	*	450	0.2	650	0.3	590	0.2	940	0.4
Major cardiovascular diseases	72,460	332.8	71,010	328.2	704,980	355.7	708,000	360.8	939,500	355.1	936,180	357.1
Diseases of heart	55,250	253.8	54,850	253.5	546,910	275.9	549,520	280.0	728,260	275.3	726,300	277.0
Rheumatic fever and rheumatic heart disease.	280	1.3	390	1.8	3,750	1.9	4,000	2.0	4,790	1.8	5,270	2.0
Hypertensive heart disease	2,200	10.1	1,830	8.5	19,900	10.0	18,460	9.4	25,930	9.8	23,860	9.1
Hypertensive heart and renal disease	160	0.7	110	0.5	1,650	0.8	1,720	0.9	2,270	0.9	2,380	0.9
Ischemic heart disease	36,000	165.3	35,490	164.0	354,260	178.7	359,160	183.0	472,520	178.6	474,970	181.2
Acute myocardial infarction	16,310	74.9	16,530	76.4	160,430	80.9	163,790	83.5	213,830	80.8	218,390	83.3
Other acute and subacute forms of ischemic heart disease	130	0.6	190	0.9	1,930	1.0	1,920	1.0	2,600	1.0	2,610	1.0
Angina pectoris	30	*	70	*	540	0.3	540	0.3	730	0.3	760	0.3
Old myocardial infarction and other forms of chronic ischemic heart disease	19,530	89.7	18,710	86.5	191,360	96.6	192,910	98.3	255,350	96.5	253,210	96.6
Other diseases of endocardium.	1,250	5.7	1,070	4.9	12,230	6.2	11,550	5.9	16,210	6.1	15,220	5.8
All other forms of heart disease.	15,370	70.6	15,950	73.7	155,120	78.3	154,640	78.8	206,550	78.1	204,590	78.0
Hypertension with or without renal disease	1,020	4.7	900	4.1	8,930	4.5	9,440	4.8	11,960	4.5	12,080	4.6
Cerebrovascular diseases	12,550	57.6	11,990	55.4	117,990	59.5	117,510	59.9	157,230	59.4	155,740	59.4
Intracerebral and other intracranial hemorrhage.	2,040	9.4	1,460	6.7	17,280	8.7	16,270	8.3	22,710	8.6	21,860	8.3
Cerebral thrombosis and unspecified occlusion of cerebral arteries.	1,000	4.6	960	4.4	9,020	4.5	10,060	5.1	12,370	4.7	13,660	5.2
Cerebral embolism	50	*	50	*	450	0.2	450	0.2	640	0.2	640	0.2
All other and late effects of cerebrovascular diseases	9,460	43.4	9,530	44.0	91,240	46.0	90,740	46.2	121,510	45.9	119,590	45.6

See footnotes at end of table.

Table 6. Provisional number of deaths and death rates for 72 selected causes, Human immunodeficiency virus infection, and Alzheimer's disease: United States, September 1995 and 1996, cumulative figures 1995 and 1996, and 12 months ending with September 1995 and 1996—Con.

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population. Because of 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 asterisks preceding cause-of-death categories, see [Technical notes](#)]

Cause of death (Based on the Ninth Revision, International Classification of Diseases, 1975)	September				January–September				12 months ending with September				
	1996		1995		1996		1995		1996		1995		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Cerebrovascular diseases—Con.													
Atherosclerosis	440	1,090	5.0	1,160	5.4	11,440	5.8	12,260	6.2	15,580	5.9	16,410	6.3
Other diseases of arteries, arterioles, and capillaries	441–448	2,550	11.7	2,110	9.7	19,710	9.9	19,250	9.8	26,470	10.0	25,650	9.8
Acute bronchitis and bronchiolitis	466	—	*	30	*	340	0.2	450	0.2	430	0.2	530	0.2
Pneumonia and influenza	480–487	5,350	24.6	5,220	24.1	60,840	30.7	60,650	30.9	80,360	30.4	78,710	30.0
Pneumonia.	480–486	5,350	24.6	5,210	24.1	60,390	30.5	60,250	30.7	79,830	30.2	78,300	29.9
Influenza	487	—	*	10	*	450	0.2	410	0.2	520	0.2	420	0.2
Chronic obstructive pulmonary diseases and allied conditions.	490–496	7,430	34.1	7,060	32.6	80,380	40.6	79,690	40.6	104,240	39.4	103,130	39.3
Bronchitis, chronic and unspecified	490–491	150	0.7	130	0.6	2,350	1.2	2,280	1.2	3,040	1.1	3,140	1.2
Emphysema	492	1,160	5.3	1,070	4.9	12,860	6.5	13,480	6.9	16,790	6.3	17,580	6.7
Asthma	493	410	1.9	380	1.8	3,860	1.9	4,240	2.2	5,140	1.9	5,400	2.1
Other chronic obstructive pulmonary diseases and allied conditions.	494–496	5,700	26.2	5,470	25.3	61,310	30.9	59,680	30.4	79,270	30.0	77,010	29.4
Ulcer of stomach and duodenum.	531–533	370	1.7	450	2.1	3,710	1.9	4,480	2.3	5,120	1.9	5,760	2.2
Appendicitis.	540–543	30	*	30	*	350	0.2	330	0.2	420	0.2	430	0.2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia.	550–553,560	530	2.4	470	2.2	4,750	2.4	4,700	2.4	6,020	2.3	6,180	2.4
Chronic liver disease and cirrhosis.	571	1,900	8.7	2,060	9.5	18,080	9.1	19,100	9.7	24,070	9.1	25,800	9.8
Cholelithiasis and other disorders of gallbladder	574–575	210	1.0	190	0.9	2,030	1.0	1,990	1.0	2,730	1.0	2,550	1.0
Nephritis and nephrotic syndrome, and nephrosis	580–589	1,930	8.9	1,820	8.4	19,810	10.0	19,330	9.8	26,120	9.9	25,930	9.9
Acute glomerulonephritis and nephrotic syndrome.	580–581	20	*	10	*	140	0.1	220	0.1	200	0.1	250	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582–583,587	180	0.8	90	*	1,300	0.7	900	0.5	1,740	0.7	1,360	0.5
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584–586,588–589	1,730	7.9	1,730	8.0	18,370	9.3	18,200	9.3	24,180	9.1	24,320	9.3
Infections of kidney	590	60	*	60	*	700	0.3	620	0.3	810	0.3	860	0.3
Hyperplasia of prostate.	600	60	*	50	*	340	0.2	330	0.2	440	0.2	480	0.2
Complications of pregnancy, childbirth, and the puerperium	630–676	30	*	50	*	220	0.1	230	0.1	310	0.1	290	0.1
Pregnancy with abortive outcome.	630–638	—	*	—	*	20	*	10	*	30	*	10	*
Other complications of pregnancy, childbirth, and the puerperium	640–676	30	*	50	*	200	0.1	220	0.1	280	0.1	280	0.1
Congenital anomalies.	740–759	1,040	4.8	870	4.0	8,720	4.4	8,400	4.3	11,870	4.5	11,480	4.4
Certain conditions originating in the perinatal period.	760–779	1,020	4.7	1,060	4.9	9,680	4.9	10,230	5.2	12,850	4.9	13,700	5.2
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767–769	130	0.6	110	0.5	1,500	0.7	1,480	0.7	2,000	0.8	2,010	0.8
Other conditions originating in the perinatal period	760–766,770–779	890	4.1	950	4.4	8,180	4.1	8,750	4.5	10,850	4.1	11,680	4.5
Symptoms, signs, and ill-defined conditions	780–799	3,350	15.4	3,130	14.5	31,310	15.8	31,190	15.9	42,340	16.0	41,170	15.7
All other diseases	.Residual	16,340	75.0	15,780	72.9	162,900	82.2	158,810	80.9	217,540	82.2	210,120	80.1
Accidents and adverse effects	E800–E949	7,520	34.5	7,640	35.3	67,740	34.2	66,650	34.0	90,880	34.4	88,720	33.8
Motor vehicle accidents	E810–E825	3,720	17.1	3,950	18.2	32,080	16.2	31,970	16.3	43,890	16.6	42,940	16.4
All other accidents and adverse effects.	E800–E807,E826–E949	3,800	17.4	3,690	17.0	35,660	18.0	34,690	17.7	46,990	17.8	45,780	17.5
Suicide.	E950–E959	2,710	12.4	2,500	11.5	22,840	11.5	22,840	11.6	29,830	11.3	30,630	11.7
Homicide and legal intervention	E960–E978	1,910	8.8	1,750	8.1	15,680	7.9	16,620	8.5	21,440	8.1	22,410	8.5
All other external causes.	E980–E999	240	1.1	120	0.5	1,820	0.9	1,740	0.9	2,350	0.9	2,450	0.9
Human immunodeficiency virus infection ²	*042–*044	2,150	9.9	3,510	16.2	24,910	12.6	32,250	16.4	35,030	13.2	42,630	16.3
Alzheimer's disease	.331.0	1,680	7.7	1,590	7.3	16,270	8.2	15,000	7.6	21,740	8.2	20,230	7.7

— Quantity zero. * Figure does not meet standard of reliability or precision; see [Technical notes](#). 0.0 Quantity more than zero, but less than 0.05.

¹Includes data for deaths due to Human immunodeficiency virus infection (categories *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, September 1995 and 1996, cumulative figures 1995 and 1996, and 12 months ending with September 1995 and 1996

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population. Because of 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 (Based on the Ninth Revision, International Classification of Diseases, 1975)	September				January–September				12 months ending with September			
	1996		1995		1996		1995		1996		1995	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues ¹140–208	46,160	212.0	44,450	205.4	405,830	204.7	402,970	205.3	539,310	203.9	538,030	205.2
Malignant neoplasm of esophagus150	880	4.0	870	4.0	8,230	4.2	7,940	4.0	10,650	4.0	10,450	4.0
Malignant neoplasm of stomach151	1,230	5.6	1,300	6.0	9,750	4.9	10,570	5.4	13,000	4.9	14,020	5.3
Malignant neoplasms of colon, rectum, rectosigmoid junction, and anus153,154	4,660	21.4	4,290	19.8	42,550	21.5	41,880	21.3	56,510	21.4	56,600	21.6
Malignant neoplasm of pancreas157	2,260	10.4	2,170	10.0	20,520	10.3	20,430	10.4	27,480	10.4	27,160	10.4
Malignant neoplasms of trachea, bronchus, and lung162	13,260	60.9	12,540	57.9	114,840	57.9	112,260	57.2	152,240	57.5	149,210	56.9
Malignant melanoma of skin172	580	2.7	530	2.4	5,310	2.7	5,420	2.8	6,910	2.6	7,060	2.7
Malignant neoplasm of cervix uteri180	450	2.1	420	1.9	3,300	1.7	3,490	1.8	4,580	1.7	4,540	1.7
Malignant neoplasms of body of uterus and of uterus, part unspecified179,182	480	2.2	390	1.8	4,370	2.2	4,450	2.3	6,030	2.3	5,870	2.2
Malignant neoplasm of ovary183.0	1,140	5.2	1,100	5.1	10,170	5.1	10,080	5.1	13,680	5.2	13,600	5.2
Malignant neoplasm of prostate185	2,750	12.6	3,050	14.1	25,670	12.9	26,480	13.5	33,730	12.7	35,360	13.5
Malignant neoplasm of bladder188	870	4.0	950	4.4	8,430	4.2	8,730	4.4	11,230	4.2	11,220	4.3
Malignant neoplasms of kidney and other and unspecified urinary organs189	1,090	5.0	960	4.4	8,720	4.4	8,800	4.5	11,470	4.3	11,680	4.5
Malignant neoplasms of brain and other and unspecified parts of nervous system191,192	1,000	4.6	1,040	4.8	8,640	4.4	8,580	4.4	11,600	4.4	11,810	4.5
Hodgkin's disease201	90	*	110	0.5	1,130	0.6	1,170	0.6	1,490	0.6	1,570	0.6
Malignant lymphoma other than Hodgkin's disease200,202	2,270	10.4	1,790	8.3	17,520	8.8	17,080	8.7	23,700	9.0	23,030	8.8
Multiple myeloma and other immunoproliferative neoplasms203	970	4.5	830	3.8	7,900	4.0	7,730	3.9	10,530	4.0	10,600	4.0

* Figure does not meet standard of reliability or precision; see [Technical notes](#).

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 firearm mortality: United States, September 1995 and 1996, cumulative figures 1995 and 1996, and 12 months ending with September 1995 and 1996

[Data are provisional, estimated from a 10-percent sample of deaths. Rates on an annual basis per 100,000 estimated population. Because of 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 (Based on the Ninth Revision, International Classification of Diseases, 1975)	September				January–September				12 months ending with September			
	1996		1995		1996		1995		1996		1995	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Injury by firearms.E922,E955.0–E955.4,E965.0–965.4,E970,E985.0–E985.4	3,030	13.9	2,770	12.8	25,970	13.1	26,390	13.4	35,130	13.3	36,120	13.8
Accident caused by firearm missileE922	100	*	60	*	920	0.5	870	0.4	1,410	0.5	1,360	0.5
Suicide by firearmsE955.0–E955.4	1,580	7.2	1,530	7.1	13,910	7.0	13,710	7.0	18,170	6.9	18,580	7.1
Homicide and legal intervention by firearms.E965.0–E965.4,E970	1,320	6.1	1,190	5.5	10,970	5.5	11,630	5.9	15,290	5.8	15,900	6.1
Injury by firearms, undetermined whether accidentally or purposely inflicted.E985.0–E985.4	30	*	–	*	180	0.1	180	0.1	250	0.1	270	0.1

* Figure does not meet standard of reliability or precision; see [Technical notes](#).

– Quantity zero.

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, September 1995 and 1996, cumulative figures 1995 and 1996, and 12 months ending with September 1995 and 1996

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

<i>Age and cause of death (Based on the Ninth Revision, International Classification of Diseases, 1975)</i>	<i>September</i>				<i>January–September</i>				<i>12 months ending with September</i>			
	<i>1996</i>		<i>1995</i>		<i>1996</i>		<i>1995</i>		<i>1996</i>		<i>1995</i>	
	<i>Number</i>	<i>Rate</i>	<i>Number</i>	<i>Rate</i>	<i>Number</i>	<i>Rate</i>	<i>Number</i>	<i>Rate</i>	<i>Number</i>	<i>Rate</i>	<i>Number</i>	<i>Rate</i>
Total, under 1 year	2,300	691.7	2,200	687.2	21,100	724.4	22,100	750.3	28,400	731.9	29,700	759.1
Under 28 days	1,580	476.4	1,550	474.7	14,080	482.9	14,050	478.0	18,700	482.4	18,890	482.8
28 days–11 months	710	214.1	690	211.3	7,040	241.5	7,950	270.5	9,680	249.7	10,750	274.8
Certain gastrointestinal diseases008–009,535,555–558	30	*	20	6.1	190	6.5	160	5.4	220	5.7	200	5.1
Pneumonia and influenza480–487	10	*	–	*	240	8.2	250	8.5	340	8.8	330	8.4
Congenital anomalies740–759	660	199.0	500	153.1	4,880	167.4	4,580	155.8	6,470	166.9	6,330	161.8
Disorders relating to short gestation and unspecified low birthweight765	310	93.5	250	76.6	2,870	98.4	2,890	98.3	3,540	91.3	3,780	96.6
Birth trauma767	–	*	20	*	140	4.8	100	*	230	5.9	140	3.6
Intrauterine hypoxia and birth asphyxia768	–	*	20	*	390	13.4	370	12.6	490	12.6	520	13.3
Respiratory distress syndrome769	130	39.2	50	*	940	32.2	940	32.0	1,220	31.5	1,280	32.7
Other conditions originating in the perinatal period760–764,766,770–779	570	171.9	690	211.3	5,250	180.1	5,750	195.6	7,240	186.8	7,740	197.8
Sudden infant death syndrome798.0	170	51.3	210	64.3	1,980	67.9	2,190	74.5	2,700	69.6	3,100	79.2
All other causesResidual	410	123.6	480	147.0	4,240	145.4	4,750	161.6	5,920	152.7	6,210	158.7

* Figure does not meet standard of reliability or precision; see [Technical notes](#).

– Quantity zero.

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 (50 States and the District of Columbia). Mortality data exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

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 in [tables 2](#) and [4](#) contain adjustments for varying lengths of State reporting periods. Figures for Texas for all events shown in [tables 2–4](#) also are adjusted for varying lengths 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, 1990, 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 beginning with 1992 were computed using populations based on the 1990 Census enumeration 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 earlier 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 (1). 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 (2). See also chapter 10 of an earlier report (1). Age groups in [table 5](#) were used to compute the age-adjusted

rates shown in that table. 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.

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 categories *042–*044 for classifying and coding Human immunodeficiency virus (HIV) infection. The asterisks before the categories indicate 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 in the following table is a measure of the

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

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.

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