

Births, Marriages, Divorces, and Deaths: Provisional Data for October 2008

Table A. Provisional vital statistics for the United States, October 2008

[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. National data are based on events occurring in the United States, regardless of place of residence. 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		
	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2006
Live births	359,000	371,000	13.9	14.4	3,571,000	3,606,000	14.1	14.3	4,280,000	4,312,000	14.1	14.3	14.2
Fertility rate . . . . .	...	...	68.1	69.9	...	...	69.0	69.5	...	...	68.9	69.2	68.4
Deaths	198,000	198,000	7.6	7.7	2,038,000	2,002,000	8.0	8.0	2,451,000	2,411,000	8.1	8.0	8.1
Infant deaths	2,300	2,300	6.4	6.3	23,200	23,800	6.5	6.6	28,000	28,500	6.5	6.6	6.6
Natural increase	161,000	173,000	6.3	6.7	1,533,000	1,604,000	6.1	6.3	1,829,000	1,901,000	6.0	6.3	6.1
Marriages ¹	208,000	193,000	8.0	7.5	1,833,000	1,906,000	7.2	7.6	2,125,000	2,204,000	7.0	7.3	7.4
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.4	3.6	3.7
Population base (in millions) . . . . .	...	...	305.3	303.0	...	...	...	...	...	...	304.0	301.7	298.6

... Category not applicable.

--- Data not available.

¹All marriage figures for 2006 and 12-month ending marriage figures for 2007 exclude data for Louisiana. Populations for these marriage rates also exclude Louisiana.

²Divorce figures exclude data for California, Georgia, Hawaii, Indiana, Louisiana, and Minnesota. Populations for divorce rates also exclude these states.

NOTE: Figures include all revisions received from the states and, therefore, may differ from those previously published; see “Technical Notes.”

Technical Notes

Data shown here are provisional and include only events occurring within the United States (50 states and the District of Columbia). Provisional birth, death, and infant death data in this report are based on a combination of counts of events provided by each reporting area and registered vital events processed into National Center for Health Statistics (NCHS) data files. Some of these may not have occurred in the specified month of this report. Monthly provisional birth, death, and infant death data may be updated during the course of a data year. Updates based on registered events will be included in the month the event occurred. However, updates based on counts received from the states may include the event in the month it was processed rather than the month in which it occurred. This may result in a low figure for a given month followed by a high figure for the month(s) in which the

delayed records were processed. Once the provisional data year has ended, updates cease. Thus, provisional birth, death, and infant death data may not accurately track either the preliminary or the final number of events registered.

Marriage and divorce data in this report are counts of all events occurring in the state that were received in the registration offices during the 1-month period. Divorce figures include reported annulments. There is considerable variability among the states in the procedures that are used to submit the counts of marriages and divorces to NCHS and in the extent to which the states update their counts of marriages and divorces as new information is received. Therefore, counts vary in their completeness. Marriage and divorce counts, unlike other provisional data, may be updated after the end of a data year if final counts are provided by the state. Readers seeking further information on this should contact NCHS at births@cdc.gov.



Table B. Provisional number of live births, marriages, deaths, and infant deaths and rates, by month: United States, January 2007–October 2008

[National data are based on events occurring in the United States, regardless of place of residence. 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 aged 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						
2007										
January	355,000	13.9	67.2	70.4	115,000	4.5	222,000	8.7	2,400	6.8
February	327,000	14.2	68.5	69.9	136,000	5.9	204,000	8.9	2,200	6.6
March	361,000	14.1	68.2	69.1	161,000	6.3	216,000	8.5	2,600	7.1
April	338,000	13.6	65.9	66.9	170,000	6.8	203,000	8.2	2,300	6.8
May	362,000	14.1	68.4	69.3	203,000	7.9	199,000	7.8	2,500	7.0
June	356,000	14.3	69.4	69.1	242,000	9.8	188,000	7.6	2,300	6.5
July	379,000	14.8	71.6	68.9	252,000	9.8	194,000	7.6	2,300	6.3
August	390,000	15.2	73.6	71.1	218,000	8.5	191,000	7.4	2,500	6.5
September	368,000	14.8	71.8	67.7	214,000	8.6	187,000	7.5	2,400	6.5
October	371,000	14.4	69.9	69.5	193,000	7.5	198,000	7.7	2,300	6.3
November	353,000	14.1	68.8	70.2	146,000	5.9	199,000	8.0	2,400	6.8
December	356,000	13.8	67.2	68.3	145,000	5.6	214,000	8.3	2,300	6.5
2008										
January	356,000	13.9	67.8	71.2	131,000	5.1	224,000	8.7	2,400	6.8
February	338,000	14.1	68.7	70.2	135,000	5.6	222,000	9.2	2,300	6.7
March	350,000	13.6	66.6	67.1	140,000	5.4	231,000	9.0	2,400	6.8
April	346,000	13.9	68.0	69.3	158,000	6.4	206,000	8.3	2,200	6.3
May	355,000	13.8	67.5	68.5	176,000	6.9	201,000	7.8	2,400	6.6
June	349,000	14.0	68.5	67.0	216,000	8.7	189,000	7.6	2,200	6.4
July	376,000	14.6	71.4	70.0	232,000	9.0	191,000	7.4	2,400	6.4
August	373,000	14.5	70.9	68.0	224,000	8.7	190,000	7.4	2,400	6.6
September	369,000	14.8	72.4	68.4	213,000	8.5	187,000	7.5	2,200	6.0
October	359,000	13.9	68.1	68.1	208,000	8.0	198,000	7.6	2,300	6.4

¹The method of seasonal adjustment, developed by the U.S. Census Bureau, 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; see "Technical Notes."

Tables A and B provide monthly, year-to-date, and 12-month ending counts and rates for births, deaths (excluding fetal deaths), and marriages, and 12-month ending rates for divorces. These counts include events occurring in the United States to nonresidents of the United States and differ from the data in preliminary and final reports that are based on place of residence. Birth, death, and infant death figures (death and infant death figures exclude fetal deaths) in Table 1 for each state are estimates by state of residence. These estimates are derived by applying adjustment ratios to the number of events recorded as occurring in the state during a 1-month period. The adjustment ratios for each data year represent the observed relationship between final state occurrence figures and final state residence figures for the 3 most recent years for which final data were available and are expressed as a single ratio for each state for births and deaths. Monthly state marriage and divorce figures shown in Table 2 represent the actual count of all events occurring in the state (state of occurrence) and are not adjusted by state of residence.

Until 1998, provisional totals for births, marriages, and divorces for the entire United States included corrections for observed differences between provisional and final figures. These corrections compensated for delays in reporting. Beginning with data for January 1998, these monthly corrections for births, marriages, and divorces have been discontinued. Further information on these changes has been provided in the *National Vital Statistics Reports* presenting provisional data for

January (vol. 48, no. 1), February (vol. 48, no. 2), and March (vol. 48, no. 4) 1999, available from <http://www.cdc.gov/nchs>.

NCHS has ceased publishing divorce counts and rates based on provisional data from the combined 50 states because it is no longer statistically feasible to calculate estimates of monthly divorce counts for nonreporting states (California, Georgia, Hawaii, Indiana, Louisiana, and Minnesota). Instead, NCHS publishes only the 12-month divorce rates shown in Table A, based solely on the combined counts and populations for reporting states and the District of Columbia. Aggregate 1-month, cumulative counts and rates, and 12-month counts for divorces have been discontinued because of their very limited usefulness when based on less than the full complement of states. Monthly marriage and divorce counts as reported by each state will continue to be shown in Table 2.

In 2006, in the aftermath of Hurricane Katrina, Louisiana temporarily suspended collection of marriage counts (Louisiana does not provide NCHS with divorce counts; see previous paragraph). National marriage counts and rates shown in Table A for 2006 exclude Louisiana data. Louisiana reinstated the collection of marriage counts in 2007. Therefore, monthly and year-to-date marriage counts and rates for 2007 include Louisiana data; however, 12 month ending rates for 2007, which include marriages occurring in 2006, exclude Louisiana data. Populations for these marriage rates exclude Louisiana.

Population estimates used for computing rates originate from the U.S. Census Bureau and are based on the 2000 census. All population estimates used for a single data year are based on population estimates of the same vintage (that is, the same reference year). Changes in rates between years in part reflect differences between vintages of the population estimates. Monthly population estimates may fluctuate from month to month even among estimates of the same vintage. This is especially true for population subgroups (e.g., females 15–44). This monthly variability in population estimates will be reflected in population based rates. 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. Populations have been estimated by NCHS for the 12-month divorce rates based on the 44 reporting states and the District of Columbia. Monthly infant mortality rates are based on relatively few events and are highly variable. As a result, NCHS has discontinued publishing provisional monthly state specific infant mortality rates. National monthly infant mortality rates will continue to be available in [Tables A](#) and [B](#).

List of Detailed Tables

1. Provisional number of live births and deaths: Each state and Puerto Rico, October 2007 and 2008, and cumulative figures, 2006–2008 4
2. Provisional number of marriages and divorces: Each state and Puerto Rico, October 2007 and 2008, and cumulative figures, 2006–2008 5

Table 1. Provisional number of live births and deaths: Each state and Puerto Rico, October 2007 and 2008, and cumulative figures, 2006–2008

[Data are estimates by state of residence]

Area	Live births					Deaths				
	October		January–October			October		January–October		
	2008	2007	2008	2007	2006	2008	2007	2008	2007	2006
Alabama	5,510	5,670	54,100	54,216	52,330	3,755	3,831	39,692	38,816	39,021
Alaska	975	993	9,640	9,288	9,250	334	268	2,903	2,894	2,742
Arizona	8,475	9,166	83,678	86,452	85,469	3,631	3,630	37,862	37,644	38,477
Arkansas	3,281	3,572	33,682	34,073	33,538	2,324	2,356	24,359	23,497	23,270
California	46,630	49,859	462,802	472,528	467,810	19,122	18,828	195,842	197,152	195,750
Colorado	5,699	6,051	59,167	59,541	59,549	2,486	2,600	26,109	25,063	24,498
Connecticut	3,403	3,511	34,259	35,091	34,830	2,423	2,431	23,896	23,565	25,004
Delaware	987	1,024	9,958	9,872	9,811	609	610	6,152	6,064	5,894
District of Columbia	639	623	6,535	6,380	6,313	390	452	4,233	4,321	4,282
Florida	19,761	20,545	193,652	198,774	196,210	13,664	13,551	141,815	139,809	141,668
Georgia	12,954	13,178	121,121	121,840	123,031	5,623	6,034	56,243	55,634	54,941
Hawaii	1,700	1,669	16,230	15,972	15,471	729	732	7,150	7,779	7,795
Idaho	2,053	2,091	21,448	21,111	20,355	885	927	9,207	9,091	8,861
Illinois	14,714	15,616	149,380	152,118	151,378	8,288	8,297	82,849	82,322	84,307
Indiana	7,196	7,597	74,581	75,184	75,019	4,410	4,420	45,960	44,954	45,995
Iowa	3,270	3,488	33,766	34,270	33,905	2,325	2,332	23,700	22,452	22,690
Kansas	3,511	3,602	35,049	35,473	34,437	1,954	1,964	20,611	20,178	20,278
Kentucky	4,973	4,870	48,972	49,415	48,633	3,274	3,317	33,978	32,938	33,156
Louisiana	5,450	5,272	53,851	53,960	51,489	3,212	3,164	33,199	31,846	32,131
Maine	1,103	1,240	11,617	12,007	11,895	929	997	10,133	10,375	10,251
Maryland	6,557	6,601	66,284	66,500	65,817	3,548	3,557	36,017	36,275	36,036
Massachusetts	6,447	6,453	64,879	65,349	65,270	4,219	4,443	43,819	44,119	44,635
Michigan	9,797	10,701	102,036	105,869	107,547	7,399	7,279	73,483	71,688	70,840
Minnesota	6,050	6,266	61,189	61,949	61,901	3,188	3,295	31,729	30,481	30,393
Mississippi	3,837	4,065	37,777	38,751	37,987	2,303	2,303	23,984	23,541	23,675
Missouri	6,687	6,865	68,342	68,395	67,886	4,440	4,375	47,388	45,134	45,526
Montana	1,020	1,046	10,641	10,408	10,499	764	728	7,380	7,154	7,095
Nebraska	2,200	2,193	22,684	22,623	22,313	1,238	1,238	12,869	12,582	12,321
Nevada	3,259	3,554	33,312	34,352	33,435	1,482	1,562	16,135	16,567	14,931
New Hampshire	1,121	1,206	11,956	12,143	12,290	863	831	8,551	8,386	8,226
New Jersey	9,540	9,787	94,879	97,112	96,307	5,011	5,929	57,407	57,390	61,847
New Mexico	2,526	2,528	25,078	25,476	24,940	1,190	1,223	13,065	12,632	12,353
New York	21,768	21,987	214,826	216,032	213,231	11,633	11,929	123,128	122,540	124,598
North Carolina	11,104	11,289	109,771	109,615	106,682	6,304	6,241	64,043	62,953	61,845
North Dakota	769	774	7,566	7,415	7,217	505	465	4,965	4,620	4,817
Ohio	12,401	12,713	125,310	126,653	127,721	8,888	8,727	90,688	87,954	88,363
Oklahoma	4,751	4,774	45,961	46,324	44,938	2,912	3,024	30,560	29,909	29,460
Oregon	4,067	4,109	41,179	41,301	40,573	2,647	2,309	26,515	23,975	26,078
Pennsylvania	12,304	12,554	125,584	125,410	124,485	10,364	9,823	105,842	103,434	103,755
Rhode Island	1,007	1,041	10,173	10,615	10,495	821	777	8,195	8,086	8,092
South Carolina	5,391	5,306	52,647	52,245	51,186	3,105	3,286	31,825	31,010	31,635
South Dakota	1,010	1,046	10,274	10,356	9,993	576	593	5,790	5,600	5,723
Tennessee	7,158	7,420	71,841	72,003	69,839	4,801	4,565	48,471	47,165	46,923
Texas	35,420	36,065	338,249	336,592	331,475	12,828	12,803	134,674	131,107	128,475
Utah	4,467	4,562	47,195	46,579	44,927	1,191	1,184	11,744	11,745	11,335
Vermont	496	530	5,348	5,449	5,421	431	398	4,122	4,230	4,183
Virginia	9,009	9,336	90,212	91,706	90,291	5,004	4,703	48,741	48,051	47,523
Washington	7,558	7,535	76,681	75,215	73,137	3,700	3,536	40,388	38,747	37,311
West Virginia	1,804	1,846	17,631	18,048	17,329	1,693	1,776	17,757	17,223	17,060
Wisconsin	6,081	6,175	61,335	61,442	60,743	3,864	3,784	38,664	38,058	38,228
Wyoming	678	606	6,732	6,610	6,411	348	336	3,461	3,524	3,509
Puerto Rico	4,102	4,307	37,622	38,571	40,037	2,314	2,351	23,686	23,882	23,107

NOTE: Figures include all revisions received from the states and, therefore, may differ from those previously published; see "Technical Notes."

Table 2. Provisional number of marriages and divorces: Each state and Puerto Rico, October 2007 and 2008, and cumulative figures, 2006–2008

[By state of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	October		January–October			October		January–October		
	2008 ¹	2007	2008 ¹	2007	2006	2008 ¹	2007	2008 ¹	2007	2006
Alabama	3,505	3,397	32,818	35,696	36,333	1,611	1,942	16,562	18,221	19,578
Alaska	417	359	5,194	4,990	4,843	246	196	2,515	2,469	2,356
Arizona ²	3,918	3,797	32,209	33,622	32,883	2,284	2,244	20,236	20,604	20,201
Arkansas	2,756	2,852	25,787	29,341	30,076	1,632	1,496	13,743	14,321	13,985
California	24,404	17,886	217,073	198,047	195,965	---	---	---	---	---
Colorado	2,960	2,779	29,980	30,300	30,688	1,853	1,942	17,627	17,641	17,918
Connecticut	1,942	2,045	16,039	17,220	16,938	826	992	8,963	9,574	9,384
Delaware	421	486	4,687	4,380	4,421	247	243	2,654	2,678	2,758
District of Columbia	282	243	2,133	2,155	2,095	159	102	1,329	807	1,026
Florida	12,019	12,817	125,909	131,064	131,674	7,007	7,700	71,043	72,744	72,274
Georgia	5,527	3,578	50,278	55,166	52,604	---	---	---	---	---
Hawaii	1,949	2,450	21,049	23,435	24,592	---	---	---	---	---
Idaho	1,262	961	12,709	13,082	12,894	566	612	5,799	6,153	6,182
Illinois	8,652	8,379	65,867	65,795	66,512	2,720	2,992	26,881	27,844	26,420
Indiana	4,840	4,611	40,921	38,738	36,639	---	---	---	---	---
Iowa	2,221	1,947	17,313	17,725	17,824	663	657	6,084	6,289	6,733
Kansas	2,092	1,801	16,005	15,028	16,450	880	750	8,382	6,891	7,032
Kentucky	3,841	3,190	30,978	29,387	30,582	1,737	1,735	18,163	16,707	17,353
Louisiana	1,885	2,411	24,795	25,998	---	---	---	---	---	---
Maine	797	940	7,981	9,026	9,432	527	494	3,728	4,742	4,768
Maryland	3,428	3,514	28,196	31,730	32,048	1,750	1,567	13,249	13,669	14,322
Massachusetts	4,190	4,003	29,362	33,352	33,447	2,395	1,207	12,720	12,483	12,361
Michigan	6,375	5,155	48,517	50,803	53,040	3,307	3,179	28,151	29,417	29,647
Minnesota	3,412	3,527	25,943	27,251	28,114	---	---	---	---	---
Mississippi	881	1,202	13,306	13,567	14,087	1,325	1,051	11,175	11,118	11,911
Missouri	4,336	4,024	34,442	35,277	35,327	1,664	2,099	18,896	18,653	18,656
Montana	612	421	6,508	6,482	6,320	118	340	2,727	3,311	3,722
Nebraska	1,146	1,038	11,142	10,707	10,557	520	558	5,046	5,122	5,132
Nevada	11,071	11,071	98,020	108,980	113,015	1,493	1,594	14,212	13,819	14,276
New Hampshire	1,154	1,029	8,150	8,440	8,408	442	458	4,042	4,297	4,541
New Jersey	5,465	4,733	37,699	40,319	41,358	2,343	2,376	22,312	22,135	22,145
New Mexico ³	579	1,014	7,117	9,948	11,734	713	663	7,139	7,254	7,134
New York ²	13,883	11,823	107,000	113,242	113,454	5,124	5,407	40,825	49,084	50,297
North Carolina	6,410	5,987	47,861	55,211	55,944	2,340	2,923	26,762	30,782	30,483
North Dakota	462	327	3,588	3,792	3,853	152	174	1,537	1,613	1,641
Ohio	5,910	6,882	56,176	62,208	63,756	3,039	3,431	32,640	33,098	33,928
Oklahoma	2,084	2,465	21,529	22,957	22,878	1,325	2,028	15,493	16,145	15,888
Oregon	2,437	1,808	22,890	23,732	23,452	1,191	1,241	12,562	12,220	12,289
Pennsylvania	6,271	6,879	53,335	63,714	63,838	2,616	3,150	22,308	29,449	29,363
Rhode Island	722	669	5,749	6,052	6,180	318	304	2,445	2,580	2,701
South Carolina	3,402	3,043	25,661	30,275	28,610	1,203	1,234	9,963	11,100	10,597
South Dakota	564	564	5,605	5,593	5,648	217	224	1,971	2,024	2,061
Tennessee	5,192	5,669	51,486	53,436	55,343	2,740	2,095	23,173	22,730	23,955
Texas	14,754	14,754	153,667	149,569	151,343	6,771	6,771	66,172	66,172	67,261
Utah	1,776	1,616	17,442	21,916	20,068	899	843	7,841	8,020	8,342
Vermont	628	521	4,002	4,888	4,843	253	180	1,892	1,851	1,962
Virginia	5,789	5,404	49,250	50,665	51,933	2,298	2,563	24,651	24,618	25,322
Washington	3,434	2,700	36,844	36,317	36,600	2,297	2,232	20,376	21,860	21,940
West Virginia	1,270	1,141	10,300	11,643	11,497	823	763	7,258	7,864	7,820
Wisconsin	4,043	3,292	28,367	29,088	30,180	1,263	1,517	14,393	13,880	14,105
Wyoming	334	287	4,143	4,229	4,334	395	243	2,413	2,220	2,253
Puerto Rico	1,264	1,494	15,377	17,342	17,884	1,536	1,202	13,129	13,307	14,651

-- Data not available.

¹Figures based on monthly counts and may be underreported.²Figures for marriages are licenses issued for some counties.³Figures for marriages are marriage licenses issued.

NOTE: Figures include all revisions received from the states and, therefore, may differ from those previously published; see "Technical Notes."

Acknowledgments

This report was prepared by Betzaida Tejada-Vera of the Mortality Statistics Branch (MSB) and Paul D. Sutton of the Reproductive Statistics Branch (RSB) of the Division of Vital Statistics (DVS) under the general direction of Stephanie J. Ventura, Chief, RSB, and Charles J. Rothwell, Director, DVS. Connie Gentry, Kathy Holiday, Chrissy Jarman, Susan McBroom, and Pam Stephenson of the Data Acquisition and Evaluation Branch (DAEB) were responsible for acquisition of the provisional data. Brenda Green, Kryn Krauthaim, David Justice, Jenny Justice, and Adrienne Rouse, also of DAEB, evaluated the quality of the provisional data. This report was edited by Demarius V. Miller and Laura Drescher, CDC/CCHIS/NCHM/Division of Creative Services, Writer-Editor Services Branch, and typeset by Jacqueline M. Davis, CDC/CCHIS/NCHM/Division of Creative Services.

Copyright information

All material appearing in this report is in the public domain and may be reproduced or copied without permission; citation as to source, however, is appreciated.

Suggested citation

Tejada-Vera B, Sutton PD. Births, marriages, divorces, and deaths: Provisional data for October 2008. National vital statistics reports; vol 57, no 17. Hyattsville, MD: National Center for Health Statistics. 2009.

National Center for Health Statistics

Director
Edward J. Sondik, Ph.D.

Acting Co-Deputy Directors
Jennifer H. Madans, Ph.D.
Michael H. Sadagursky

Division of Vital Statistics

Director, Charles J. Rothwell