

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

Table A. Provisional vital statistics for the United States, November 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	November				January–November				12 months ending with November				
	Number		Rate		Number		Rate		Number		Rate		
	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2006
Live births	327,000	353,000	13.1	14.1	3,898,000	3,959,000	14.0	14.3	4,254,000	4,313,000	14.0	14.3	14.3
Fertility rate . . . . .	...	...	64.3	68.8	...	...	68.6	69.4	...	...	68.5	69.2	68.6
Deaths	198,000	199,000	7.9	8.0	2,236,000	2,201,000	8.0	8.0	2,450,000	2,416,000	8.1	8.0	8.1
Infant deaths	2,200	2,400	6.5	6.8	25,400	26,200	6.5	6.6	27,700	28,700	6.5	6.7	6.5
Natural increase	129,000	154,000	5.2	6.1	1,662,000	1,758,000	6.0	6.3	1,804,000	1,897,000	5.9	6.3	6.2
Marriages ¹	163,000	146,000	6.5	5.9	1,996,000	2,052,000	7.2	7.4	2,142,000	2,202,000	7.0	7.3	7.3
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.4	3.6	3.7
Population base (in millions) . . . . .	...	...	305.5	303.3	...	...	...	...	...	...	304.2	302	298.9

... 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–November 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
November	327,000	13.1	64.3	65.2	163,000	6.5	198,000	7.9	2,200	6.5

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, November 2007 and 2008, and cumulative figures, 2006–2008 4
2. Provisional number of marriages and divorces: Each state and Puerto Rico, November 2007 and 2008, and cumulative figures, 2006–2008 5

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

[Data are estimates by state of residence]

Area	Live births					Deaths				
	November		January–November			November		January–November		
	2008	2007	2008	2007	2006	2008	2007	2008	2007	2006
Alabama	4,882	5,574	58,982	59,790	57,800	3,890	3,823	43,582	42,639	42,878
Alaska	855	907	10,495	10,195	10,139	275	302	3,178	3,196	3,034
Arizona	7,796	8,516	91,474	94,968	94,200	3,553	3,676	41,415	41,320	42,063
Arkansas	3,097	3,408	36,779	37,481	36,997	2,349	2,355	26,708	25,852	25,588
California	42,791	47,122	505,593	519,650	515,197	18,989	18,834	214,831	215,986	214,755
Colorado	5,381	5,748	64,548	65,289	65,191	2,540	2,445	28,649	27,508	26,817
Connecticut	3,024	3,369	37,283	38,460	38,219	2,654	2,446	26,550	26,011	27,417
Delaware	910	954	10,868	10,826	10,740	630	641	6,782	6,705	6,472
District of Columbia	608	624	7,143	7,004	6,943	376	446	4,609	4,767	4,714
Florida	17,926	20,355	211,578	219,129	216,429	13,944	13,332	155,759	153,141	155,390
Georgia	12,684	12,691	133,805	134,531	135,700	5,767	5,255	62,010	60,889	60,287
Hawaii	1,531	1,542	17,761	17,514	17,030	722	741	8,472	8,520	8,564
Idaho	1,854	2,005	23,302	23,116	22,411	867	956	10,074	10,047	9,707
Illinois	14,237	13,761	163,617	165,879	165,800	8,325	8,322	91,174	90,644	92,590
Indiana	7,328	7,329	81,909	82,513	82,080	4,535	4,541	50,495	49,495	50,694
Iowa	3,030	3,194	36,796	37,464	37,153	2,387	2,351	26,087	24,803	25,012
Kansas	3,142	3,392	38,191	38,865	37,782	1,900	1,966	22,511	22,144	22,313
Kentucky	4,378	4,835	53,350	54,250	53,510	3,443	3,331	37,421	36,269	36,570
Louisiana	5,715	5,659	59,566	59,619	56,457	3,331	3,232	36,530	35,078	35,168
Maine	1,010	1,085	12,627	13,092	13,028	1,026	996	11,159	11,371	11,254
Maryland	5,957	6,486	72,241	72,986	72,075	3,739	3,558	39,756	39,833	39,668
Massachusetts	5,566	6,176	70,445	71,525	71,426	4,453	4,299	48,272	48,418	48,936
Michigan	8,874	9,912	110,910	115,781	117,504	7,190	7,228	80,673	78,916	77,167
Minnesota	5,296	5,763	66,485	67,712	67,747	3,172	3,198	34,901	33,679	33,558
Mississippi	3,614	3,925	41,391	42,676	42,009	2,393	2,284	26,377	25,825	26,033
Missouri	5,987	6,689	74,329	75,084	74,601	4,587	4,457	51,975	49,591	50,118
Montana	888	981	11,529	11,389	11,497	709	708	8,089	7,862	7,765
Nebraska	2,017	2,120	24,701	24,743	24,496	1,258	1,304	14,127	13,886	13,628
Nevada	2,960	3,337	36,272	37,689	36,746	1,398	1,603	17,533	18,170	16,436
New Hampshire	1,030	1,142	12,986	13,285	13,388	819	870	9,370	9,256	9,022
New Jersey	8,467	9,194	103,346	106,306	105,566	5,314	5,689	62,721	63,079	66,928
New Mexico	2,408	2,479	27,486	27,955	27,428	1,256	1,289	14,321	13,921	13,590
New York	19,632	21,374	234,458	237,406	233,938	11,207	12,480	134,335	135,020	137,027
North Carolina	10,275	10,750	120,046	120,365	117,218	6,419	6,344	70,462	69,297	68,086
North Dakota	665	695	8,231	8,110	7,914	476	500	5,441	5,120	5,388
Ohio	11,078	12,129	136,388	138,782	139,810	9,253	8,962	99,941	96,916	97,228
Oklahoma	4,123	4,470	50,084	50,794	49,594	3,023	2,951	33,583	32,860	32,399
Oregon	3,560	3,831	44,739	45,132	44,344	2,510	2,449	29,025	26,424	28,609
Pennsylvania	11,100	12,266	136,684	137,676	136,308	10,212	10,193	116,054	113,627	113,790
Rhode Island	881	970	11,054	11,585	11,463	769	815	8,964	8,901	8,891
South Carolina	4,907	5,232	57,554	57,477	56,357	3,227	3,331	35,052	34,341	33,683
South Dakota	889	1,002	11,163	11,358	10,969	630	561	6,420	6,161	6,345
Tennessee	6,402	6,768	78,243	78,771	76,805	4,929	4,731	53,400	51,896	51,648
Texas	31,828	34,295	370,077	370,887	365,818	13,108	13,222	147,782	144,329	139,596
Utah	3,988	4,255	51,183	50,834	49,112	1,110	1,112	12,854	12,857	12,508
Vermont	456	499	5,804	5,948	5,920	475	345	4,597	4,575	4,577
Virginia	8,031	8,976	98,243	100,682	99,061	4,831	4,779	53,572	52,830	52,360
Washington	6,743	6,871	83,424	82,086	80,001	2,469	4,033	42,857	42,780	41,012
West Virginia	1,568	1,686	19,199	19,734	19,002	1,754	1,739	19,511	18,962	18,788
Wisconsin	5,311	5,712	66,646	67,154	66,627	3,942	3,800	42,606	41,858	42,093
Wyoming	595	621	7,327	7,231	7,013	331	313	3,792	3,837	3,874
Puerto Rico	3,683	4,102	41,305	42,673	44,290	2,311	2,303	25,997	26,185	25,148

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, November 2007 and 2008, and cumulative figures, 2006–2008

[By state of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	November		January–November			November		January–November		
	2008 ¹	2007	2008 ¹	2007	2006	2008 ¹	2007	2008 ¹	2007	2006
Alabama	3,001	2,838	35,819	38,534	39,067	1,471	1,715	18,033	19,936	21,272
Alaska	307	368	5,501	5,358	5,114	289	197	2,804	2,666	2,601
Arizona ²	2,679	3,313	34,888	36,935	36,174	1,698	1,959	21,934	22,563	22,293
Arkansas	2,754	2,271	28,541	31,612	32,398	1,010	1,312	14,753	15,633	15,317
California	13,688	13,725	230,761	211,772	210,234	---	---	---	---	---
Colorado	2,810	1,880	32,790	32,180	32,155	1,571	1,799	19,198	19,440	19,605
Connecticut	1,288	1,158	17,327	18,378	18,024	1,216	893	10,179	10,467	10,227
Delaware	375	328	5,062	4,708	4,772	295	288	2,949	2,966	2,966
District of Columbia	125	141	2,258	2,296	2,244	109	82	1,438	889	1,112
Florida	11,018	12,368	136,927	143,432	144,279	5,257	5,613	76,300	78,357	79,203
Georgia	6,535	5,243	56,813	60,409	61,345	---	---	---	---	---
Hawaii	1,785	2,056	22,834	25,491	26,622	---	---	---	---	---
Idaho	1,064	865	13,773	13,947	13,752	717	599	6,516	6,752	6,788
Illinois	4,578	5,245	70,445	71,040	72,049	2,284	2,522	29,165	30,366	29,184
Indiana	4,818	2,681	45,739	41,419	40,111	---	---	---	---	---
Iowa	1,282	1,111	18,595	18,836	18,877	546	687	6,630	6,976	7,266
Kansas	1,039	1,765	17,044	16,793	17,592	692	871	9,074	7,762	7,824
Kentucky	2,293	2,001	33,271	31,388	32,725	1,489	1,572	19,652	18,279	19,497
Louisiana	7,230	4,068	32,025	30,066	---	---	---	---	---	---
Maine	507	392	8,488	9,418	9,794	340	461	4,068	5,203	5,181
Maryland	2,461	2,345	30,657	34,075	34,418	1,093	1,424	14,342	15,093	15,563
Massachusetts	2,709	2,324	32,071	35,676	35,722	125	1,155	12,845	13,638	13,420
Michigan	3,003	2,924	51,520	53,727	55,906	2,369	2,648	30,520	32,065	32,435
Minnesota	1,413	1,479	27,356	28,730	29,603	---	---	---	---	---
Mississippi	1,341	1,059	14,647	14,626	15,288	828	1,041	12,003	12,159	12,959
Missouri	2,587	2,539	37,029	37,816	37,727	1,917	1,826	20,813	20,479	20,438
Montana	336	347	6,844	6,829	6,625	359	299	3,086	3,610	3,932
Nebraska	638	701	11,780	11,408	11,211	514	513	5,560	5,635	5,627
Nevada	9,409	9,409	107,429	118,389	123,201	460	1,413	14,672	15,232	15,527
New Hampshire	457	408	8,607	8,848	8,825	555	378	4,597	4,675	4,919
New Jersey	4,235	3,380	41,934	43,699	44,770	1,430	1,742	23,742	23,877	23,957
New Mexico ³	409	757	7,526	10,705	12,520	578	610	7,717	7,864	7,772
New York ²	12,536	8,485	119,536	121,727	122,199	4,570	2,542	45,395	51,626	55,080
North Carolina	6,222	4,185	54,083	59,396	60,119	2,725	2,778	29,487	33,560	33,190
North Dakota	279	232	3,867	4,024	4,053	109	156	1,646	1,769	1,792
Ohio	7,994	3,999	64,170	66,207	67,903	4,158	3,010	36,798	36,108	37,051
Oklahoma	1,466	1,885	22,995	24,842	24,699	1,059	1,449	16,552	17,594	17,440
Oregon	1,870	1,353	24,760	25,085	24,838	1,173	1,063	13,735	13,283	13,565
Pennsylvania	3,504	4,021	56,839	67,735	68,023	2,230	2,844	24,538	32,293	32,091
Rhode Island	405	394	6,154	6,446	6,570	158	228	2,603	2,808	2,950
South Carolina	1,771	2,258	27,432	32,533	31,720	804	1,121	10,767	12,221	11,688
South Dakota	244	305	5,849	5,898	5,939	249	207	2,220	2,231	2,254
Tennessee	4,654	4,202	56,140	57,638	59,543	1,535	2,089	24,708	24,819	26,217
Texas	13,121	13,121	166,788	162,690	164,287	5,894	5,894	72,066	72,066	73,220
Utah	1,386	1,508	18,828	23,424	21,416	799	809	8,640	8,829	9,145
Vermont	425	173	4,427	5,061	5,045	134	184	2,026	2,035	2,159
Virginia	3,608	3,752	52,858	54,417	55,771	2,014	2,358	26,665	26,976	27,698
Washington	2,082	2,268	38,926	38,585	38,802	1,357	2,053	21,733	23,913	23,926
West Virginia	1,307	772	11,607	12,415	12,261	753	763	8,011	8,627	8,433
Wisconsin	1,918	1,415	30,285	30,503	31,732	1,324	1,312	15,717	15,192	15,412
Wyoming	220	264	4,363	4,493	4,556	218	209	2,631	2,429	2,468
Puerto Rico	1,268	1,823	16,645	19,165	19,948	236	667	13,365	13,974	16,178

--- 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, Graphic Services Branch.

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Suggested citation

Tejada-Vera B, Sutton PD. Births, marriages, divorces, and deaths: Provisional data for November 2008. National vital statistics reports; vol 57, no 18. Hyattsville, MD: National Center for Health Statistics. 2009.

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