

Births, Marriages, Divorces, and Deaths: Provisional Data for November 2009

Table A. Provisional vital statistics for the United States, November 2009

[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		
	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2007
Live births	319,000	325,000	12.6	13.0	3,792,000	3,896,000	13.5	14.0	4,143,000	4,252,000	13.5	14.0	14.3
Fertility rate . . . . .	...	...	62.8	63.8	...	...	67.0	68.5	...	...	67.0	68.4	69.2
Deaths	199,000	200,000	7.9	8.0	2,210,000	2,240,000	7.9	8.0	2,422,000	2,454,000	7.9	8.1	8.0
Infant deaths	2,000	2,200	6.1	6.5	24,200	25,400	6.4	6.5	26,400	27,700	6.4	6.5	6.7
Natural increase	120,000	125,000	4.7	5.0	1,582,000	1,656,000	5.6	6.0	1,721,000	1,798,000	5.6	5.9	6.3
Marriages ¹	153,000	145,000	6.1	5.8	1,939,000	2,017,000	6.9	7.2	2,079,000	2,162,000	6.8	7.1	7.3
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.4	3.5	3.6
Population base (in millions) . . . . .	...	...	307.8	305.5	...	...	...	...	...	...	306.6	304.2	302.0

... Category not applicable.
 --- Data not available.

¹The 12-month ending marriage figures for 2007 excludes data for Louisiana. The population for this marriage rate also excludes 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). Tables by state also include events occurring in Puerto Rico. 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 2008–November 2009

[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						
2008										
January	356,000	13.9	67.8	71.2	107,000	4.2	224,000	8.7	2,500	6.9
February	338,000	14.1	68.7	70.2	138,000	5.7	222,000	9.3	2,300	6.8
March	350,000	13.6	66.6	67.1	147,000	5.7	231,000	9.0	2,400	6.9
April	346,000	13.9	67.9	69.2	163,000	6.5	206,000	8.3	2,200	6.4
May	355,000	13.8	67.5	68.5	211,000	8.2	201,000	7.8	2,400	6.6
June	349,000	14.0	68.5	67.1	239,000	9.6	190,000	7.6	2,200	6.4
July	376,000	14.6	71.4	70.0	213,000	8.3	191,000	7.4	2,300	6.2
August	373,000	14.5	70.9	68.0	251,000	9.7	191,000	7.4	2,400	6.5
September	369,000	14.8	72.4	68.4	198,000	7.9	186,000	7.5	2,100	5.9
October	359,000	13.9	68.2	68.1	206,000	8.0	198,000	7.7	2,300	6.4
November	325,000	13.0	63.8	64.7	145,000	5.8	200,000	8.0	2,200	6.5
December	351,000	13.5	66.6	68.1	140,000	5.4	213,000	8.2	2,200	6.3
2009										
January	339,000	13.0	64.4	67.7	123,000	4.8	222,000	8.6	2,300	6.6
February	317,000	13.5	66.8	68.3	127,000	5.4	200,000	8.5	2,100	6.5
March	348,000	13.4	66.3	66.9	146,000	5.6	216,000	8.3	2,300	6.7
April	337,000	13.4	66.4	67.6	163,000	6.5	203,000	8.0	2,300	6.9
May	345,000	13.3	65.7	66.7	179,000	6.9	199,000	7.7	2,300	6.5
June	348,000	13.8	68.3	66.9	217,000	8.6	191,000	7.6	2,200	6.3
July	369,000	14.2	70.2	68.7	217,000	8.3	194,000	7.4	2,100	5.9
August	360,000	13.8	68.6	65.8	212,000	8.1	192,000	7.4	2,300	6.4
September	362,000	14.3	71.2	67.3	205,000	8.1	188,000	7.5	2,100	5.9
October	347,000	13.3	66.1	66.0	196,000	7.5	206,000	7.9	2,200	6.3
November	319,000	12.6	62.8	63.7	153,000	6.1	199,000	7.9	2,000	6.1

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). The 12-month ending marriage rate shown in Table A for 2007, which is

computed based on marriages that occurred in 2006, excludes Louisiana data; the population for this rate also excludes Louisiana. Louisiana reinstated the collection of marriage counts in 2007.

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

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Table 1. Provisional number of live births and deaths: Each state and Puerto Rico, November 2008 and 2009, and cumulative figures, 2007–2009

[Data are estimates by state of residence]

Area	Live births					Deaths				
	November		January–November			November		January–November		
	2009	2008	2009	2008	2007	2009	2008	2009	2008	2007
Alabama	4,923	4,884	57,126	58,988	59,790	3,807	3,925	43,036	43,633	42,639
Alaska	895	856	10,433	10,500	10,195	328	284	3,324	3,194	3,196
Arizona	7,312	7,799	85,150	91,482	94,968	3,714	3,565	41,438	41,595	41,320
Arkansas	3,115	3,098	36,338	36,750	37,481	2,460	2,352	26,220	26,715	25,852
California	42,836	42,839	484,828	505,757	519,650	19,255	17,978	211,274	213,117	215,986
Colorado	5,254	5,382	63,133	64,553	65,289	2,556	2,557	28,338	28,671	27,508
Connecticut	3,017	3,024	36,023	37,283	38,460	2,308	2,180	25,969	26,264	26,011
Delaware	894	911	10,523	10,869	10,826	599	633	6,992	6,786	6,705
District of Columbia	629	608	7,299	7,143	7,004	434	376	4,510	4,614	4,767
Florida	17,683	17,927	202,028	211,583	219,129	13,555	13,952	155,335	155,784	153,141
Georgia	11,294	12,684	129,450	133,805	134,531	5,767	5,767	61,363	62,010	60,889
Hawaii	1,517	1,538	17,291	17,773	17,514	727	722	8,953	8,472	8,520
Idaho	1,883	1,854	21,944	23,303	23,116	899	868	10,125	10,075	10,047
Illinois	13,065	13,071	157,048	162,529	165,879	8,378	8,325	90,400	91,174	90,644
Indiana	6,638	6,167	79,740	80,814	82,513	4,591	4,780	51,095	49,678	49,495
Iowa	2,992	3,033	36,342	36,807	37,464	2,272	2,389	25,050	26,092	24,803
Kansas	3,353	3,142	38,133	38,191	38,865	1,953	1,900	21,586	22,511	22,144
Kentucky	4,394	4,378	52,521	53,350	54,250	3,315	3,442	37,234	37,420	36,269
Louisiana	5,205	5,079	59,426	58,737	59,619	2,723	3,128	36,139	36,580	35,078
Maine	987	1,011	12,454	12,628	13,092	935	987	11,323	11,377	11,371
Maryland	6,031	5,962	69,918	72,255	72,986	3,316	3,742	39,644	39,765	39,833
Massachusetts	5,687	5,566	68,633	70,446	71,525	4,394	4,453	47,336	48,112	48,418
Michigan	8,975	9,040	108,051	111,270	115,781	6,958	7,239	77,961	80,768	78,916
Minnesota	5,329	5,302	64,649	66,494	67,712	3,057	3,189	34,432	34,924	33,679
Mississippi	3,371	3,621	39,485	41,408	42,676	2,374	2,393	25,675	26,377	25,825
Missouri	6,100	5,995	72,152	74,366	75,084	4,481	4,606	49,781	52,022	49,591
Montana	877	895	11,276	11,541	11,389	688	726	7,960	8,119	7,862
Nebraska	2,074	2,017	24,844	24,701	24,743	1,269	1,258	13,596	14,129	13,886
Nevada	2,996	2,960	35,431	36,272	37,689	1,600	1,398	17,919	17,533	18,170
New Hampshire	1,022	1,030	12,715	12,986	13,285	870	819	9,311	9,370	9,256
New Jersey	8,352	8,475	101,032	103,366	106,306	5,609	5,334	62,213	62,748	63,079
New Mexico	2,259	2,408	26,549	27,486	27,955	1,198	1,256	13,941	14,321	13,921
New York	19,912	19,641	234,260	234,509	237,406	12,142	12,175	132,731	136,403	135,020
North Carolina	9,860	10,283	116,745	120,064	120,365	6,196	6,466	70,248	70,527	69,297
North Dakota	686	665	8,217	8,232	8,110	507	478	5,517	5,445	5,120
Ohio	11,033	11,090	133,238	136,445	138,782	8,997	9,270	97,691	99,982	96,916
Oklahoma	4,127	4,129	48,984	50,102	50,794	2,846	3,031	32,282	33,615	32,860
Oregon	3,535	3,562	43,353	44,746	45,132	2,673	2,524	28,759	29,060	26,424
Pennsylvania	11,119	11,100	134,860	136,684	137,676	10,339	10,212	113,327	116,054	113,627
Rhode Island	851	976	10,561	11,083	11,585	773	769	8,608	8,964	8,901
South Carolina	4,464	4,908	55,326	57,557	57,477	3,374	3,227	34,820	35,052	34,341
South Dakota	936	889	10,994	11,163	11,358	634	630	6,331	6,420	6,161
Tennessee	6,395	6,402	75,021	78,243	78,771	4,804	4,932	52,755	53,407	51,896
Texas	28,289	31,847	361,915	370,139	370,887	13,527	13,210	147,820	149,468	144,329
Utah	3,984	3,988	49,811	51,183	50,834	1,143	1,110	12,962	12,854	12,857
Vermont	444	456	5,660	5,806	5,948	422	426	4,531	4,657	4,575
Virginia	8,012	8,041	96,220	98,261	100,682	4,826	4,874	53,173	53,658	52,830
Washington	6,788	6,773	82,523	83,485	82,086	3,944	3,794	43,919	44,435	42,780
West Virginia	1,587	1,569	19,214	19,201	19,734	1,803	1,758	19,384	19,519	18,962
Wisconsin	5,482	5,321	65,802	66,676	67,154	3,769	3,945	41,337	42,612	41,858
Wyoming	546	595	7,175	7,327	7,231	323	331	3,848	3,792	3,837
Puerto Rico	3,720	3,683	40,390	41,305	42,673	2,182	2,311	26,156	25,997	26,185

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 2008 and 2009, and cumulative figures, 2007–2009

[By state of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	November		January–November			November		January–November		
	2009 ¹	2008 ²	2009 ¹	2008 ²	2007 ²	2009 ¹	2008 ²	2009 ¹	2008 ²	2007 ²
Alabama	2,848	2,897	34,600	37,597	38,534	1,348	1,307	18,507	18,684	19,936
Alaska	320	313	5,164	5,370	5,358	192	204	2,943	2,738	2,666
Arizona ³	2,900	2,679	32,102	34,888	36,935	1,678	1,698	21,224	21,934	22,563
Arkansas	2,190	1,946	29,133	29,700	31,612	1,379	1,065	14,907	14,703	15,633
California	13,254	13,698	198,714	230,953	211,772	---	---	---	---	---
Colorado	3,459	1,951	36,123	33,768	32,180	1,621	1,571	19,296	19,199	19,440
Connecticut	2,054	1,469	17,754	17,692	18,378	621	1,299	9,821	10,692	10,467
Delaware	522	336	4,817	4,543	4,708	281	180	3,186	2,776	2,966
District of Columbia	147	122	1,788	2,252	2,296	94	116	1,209	1,451	889
Florida	10,016	12,456	131,173	136,423	143,432	7,005	5,489	73,860	73,777	78,357
Georgia	4,341	6,535	59,390	56,813	60,409	---	---	---	---	---
Hawaii	1,579	1,746	20,972	23,840	25,491	---	---	---	---	---
Idaho	838	899	13,053	13,625	13,947	665	537	7,065	6,838	6,752
Illinois	4,562	5,096	67,612	70,345	71,040	2,470	2,364	30,006	29,722	30,366
Indiana	5,012	4,818	47,977	46,739	41,419	---	---	---	---	---
Iowa	1,599	1,162	20,376	18,603	18,836	626	522	6,768	7,053	6,976
Kansas	978	1,039	16,792	15,958	16,793	664	693	9,276	8,177	7,762
Kentucky	2,598	2,261	31,708	31,610	31,388	1,398	1,438	18,297	18,015	18,279
Louisiana	2,233	2,523	28,092	27,626	30,066	---	---	---	---	---
Maine	585	441	8,834	9,378	9,418	518	377	5,044	5,093	5,203
Maryland	2,118	2,299	30,233	31,278	34,075	1,389	1,189	13,933	14,685	15,093
Massachusetts	2,608	2,295	34,626	35,004	35,676	2,362	953	11,451	12,034	13,638
Michigan	2,742	2,907	50,248	52,352	53,727	2,397	2,339	29,450	30,980	32,065
Minnesota	1,200	1,413	27,049	27,117	28,730	---	---	---	---	---
Mississippi	1,098	1,163	13,615	14,080	14,626	900	925	11,389	11,709	12,159
Missouri	2,647	2,778	37,461	37,670	37,816	2,192	1,628	21,485	20,214	20,479
Montana	316	320	6,734	7,016	6,829	334	271	3,505	3,766	3,610
Nebraska	740	743	12,162	11,641	11,408	498	445	5,226	5,404	5,635
Nevada	7,472	7,428	100,734	103,621	118,389	1,331	1,315	16,151	15,530	15,232
New Hampshire	397	443	8,058	8,570	8,848	467	368	4,589	4,671	4,675
New Jersey	4,172	3,530	43,942	43,837	43,699	1,592	1,430	22,021	23,742	23,877
New Mexico ⁴	799	409	9,256	7,526	10,705	628	578	7,343	7,717	7,864
New York ³	8,114	7,975	111,695	118,626	121,727	3,582	3,420	41,899	48,544	51,626
North Carolina	6,035	4,582	61,369	59,860	59,396	3,153	2,387	33,813	32,723	33,560
North Dakota	298	246	4,085	4,029	4,024	115	109	1,525	1,743	1,769
Ohio	7,729	4,283	60,699	64,697	66,207	3,585	2,394	34,549	35,223	36,108
Oklahoma	1,619	1,603	21,552	23,985	24,842	1,368	1,177	15,383	17,837	17,594
Oregon	1,808	1,461	22,097	24,485	25,085	1,148	1,076	12,210	13,641	13,283
Pennsylvania	3,823	3,823	60,497	66,253	67,735	2,412	2,412	25,690	31,273	32,293
Rhode Island	692	392	6,203	6,137	6,446	251	158	3,123	2,583	2,808
South Carolina	2,607	2,425	27,329	31,032	32,533	1,232	961	11,283	11,944	12,221
South Dakota	274	246	5,560	5,829	5,898	217	194	2,385	2,190	2,231
Tennessee	4,863	4,234	49,510	54,281	57,638	1,616	1,992	23,695	24,501	24,819
Texas	15,238	12,610	167,909	165,553	162,690	7,684	5,785	74,895	73,207	72,066
Utah	1,534	1,534	22,145	22,145	23,424	749	692	8,890	9,167	8,829
Vermont	1,016	180	4,424	4,710	5,061	332	166	1,823	2,002	2,035
Virginia	3,782	3,854	50,269	52,328	54,417	2,195	2,181	25,734	26,639	26,976
Washington	2,323	2,425	37,646	39,169	38,585	2,444	1,772	24,064	23,463	23,913
West Virginia	1,215	848	11,675	12,106	12,415	1,119	701	8,501	8,175	8,627
Wisconsin	1,818	1,583	29,087	29,902	30,503	1,406	1,200	15,745	15,551	15,192
Wyoming	29	230	4,637	4,376	4,493	287	197	2,754	2,445	2,429
Puerto Rico	1,393	1,268	16,299	16,495	19,165	687	236	13,259	13,365	13,974

--- Data not available.

¹Figures based on monthly counts and may be underreported.²Figures based on final annual counts.³Figures for marriages are licenses issued for some counties.⁴Figures 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

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