

## Births, Marriages, Divorces, and Deaths: Provisional Data for September 2009

**Table A. Provisional vital statistics for the United States, September 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	September				January–September				12 months ending with September				
	Number		Rate		Number		Rate		Number		Rate		
	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2007
Live births . . . . .	362,000	369,000	14.3	14.8	3,126,000	3,213,000	13.6	14.1	4,160,000	4,292,000	13.6	14.1	14.3
Fertility rate . . . . .	...	...	71.2	72.4	...	...	67.5	69.1	...	...	67.2	69.1	69.2
Deaths . . . . .	188,000	186,000	7.5	7.5	1,804,000	1,842,000	7.9	8.1	2,415,000	2,453,000	7.9	8.1	8.0
Infant deaths . . . . .	2,100	2,100	5.9	5.9	20,000	20,900	6.4	6.5	26,700	28,000	6.4	6.5	6.6
Natural increase . . . . .	174,000	183,000	6.8	7.3	1,322,000	1,371,000	5.7	6.0	1,745,000	1,839,000	5.7	6.0	6.3
Marriages <sup>1</sup> . . . . .	205,000	198,000	8.1	7.9	1,589,000	1,666,000	6.9	7.3	2,080,000	2,151,000	6.8	7.1	7.3
Divorces <sup>2</sup> . . . . .	---	---	---	---	---	---	---	---	---	---	3.4	3.5	3.6
Population base (in millions) . . . . .	...	...	307.3	305.0	...	...	...	...	...	...	306.1	303.8	301.5

... Category not applicable.

--- Data not available.

<sup>1</sup>The 12-month ending marriage figures for 2007 excludes data for Louisiana. The population for this marriage rate also excludes Louisiana.

<sup>2</sup>Divorce 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](mailto:births@cdc.gov).



**Table B. Provisional number of live births, marriages, deaths, and infant deaths and rates, by month: United States, January 2008–September 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 <sup>1</sup>						
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

<sup>1</sup>The 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](#).

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

[Data are estimates by state of residence]

Area	Live births					Deaths				
	September		January–September			September		January–September		
	2009	2008	2009	2008	2007	2009	2008	2009	2008	2007
Alabama . . . . .	5,494	5,547	46,986	48,593	48,546	3,699	3,737	35,175	35,944	34,985
Alaska . . . . .	923	1,017	8,582	8,667	8,295	318	262	2,718	2,574	2,626
Arizona . . . . .	8,134	8,823	69,900	75,207	77,286	3,569	3,250	33,981	34,382	34,014
Arkansas . . . . .	3,521	3,434	29,757	30,372	30,501	2,253	2,264	21,344	22,037	21,141
California . . . . .	46,117	47,771	395,331	416,258	422,669	17,680	17,013	172,700	176,794	178,324
Colorado . . . . .	6,022	6,037	52,213	53,473	53,490	2,443	2,356	22,983	23,624	22,463
Connecticut . . . . .	3,299	3,440	29,848	30,856	31,580	2,117	2,185	21,257	21,722	21,134
Delaware . . . . .	956	1,026	8,690	8,971	8,848	594	458	5,731	5,544	5,454
District of Columbia . . . . .	690	651	6,009	5,896	5,757	349	400	3,679	3,848	3,869
Florida . . . . .	19,401	20,115	165,448	173,894	178,229	13,001	12,927	128,091	128,163	126,258
Georgia . . . . .	12,461	13,291	106,339	108,167	108,662	5,371	5,373	49,978	50,620	49,600
Hawaii . . . . .	1,675	1,769	14,156	14,534	14,303	764	733	7,449	7,021	7,047
Idaho . . . . .	2,066	2,119	18,105	19,395	19,020	884	871	8,281	8,322	8,164
Illinois . . . . .	14,568	15,328	129,793	134,730	136,502	7,742	7,969	73,592	74,561	74,025
Indiana . . . . .	7,624	7,744	65,719	67,432	67,587	4,448	3,719	41,785	40,692	40,534
Iowa . . . . .	3,508	3,508	30,063	30,504	30,780	2,164	2,215	20,360	21,375	20,120
Kansas . . . . .	3,641	3,777	31,195	31,538	31,871	1,860	1,845	17,602	18,657	18,214
Kentucky . . . . .	5,124	5,031	43,303	43,999	44,545	3,232	3,146	30,489	30,704	29,621
Louisiana . . . . .	5,934	5,655	48,643	48,081	48,688	3,129	3,211	29,812	30,238	28,682
Maine . . . . .	1,177	1,194	10,333	10,514	10,767	1,016	975	9,344	9,379	9,378
Maryland . . . . .	6,533	6,772	57,476	59,734	59,899	3,416	3,205	32,657	32,473	32,718
Massachusetts . . . . .	6,484	6,486	56,653	58,433	58,896	3,967	3,919	38,404	39,440	39,676
Michigan . . . . .	10,328	10,373	89,461	92,377	95,168	7,097	6,832	63,755	66,112	64,409
Minnesota . . . . .	5,976	6,056	53,435	55,141	55,683	2,996	2,845	27,995	28,541	27,186
Mississippi . . . . .	3,805	4,052	32,506	33,948	34,686	2,186	2,263	20,960	21,681	21,238
Missouri . . . . .	7,092	7,088	59,440	61,675	61,530	4,223	4,421	40,659	42,965	40,759
Montana . . . . .	1,045	1,099	9,408	9,624	9,362	710	699	6,513	6,624	6,426
Nebraska . . . . .	2,448	2,446	20,442	20,484	20,430	1,167	1,185	11,084	11,632	11,344
Nevada . . . . .	3,546	3,548	29,168	30,053	30,798	1,582	1,400	14,646	14,653	15,005
New Hampshire . . . . .	1,150	1,240	10,567	10,835	10,937	771	794	7,544	7,688	7,555
New Jersey . . . . .	9,469	9,708	83,491	85,348	87,325	5,366	5,042	50,839	52,399	51,461
New Mexico . . . . .	2,595	2,545	21,858	22,552	22,948	1,215	1,151	11,403	11,875	11,409
New York . . . . .	21,889	22,121	192,850	193,093	194,045	10,652	11,320	108,134	111,853	110,611
North Carolina . . . . .	11,215	11,271	96,252	98,676	98,326	6,034	6,027	57,344	57,750	56,712
North Dakota . . . . .	779	793	6,782	6,797	6,641	461	462	4,460	4,461	4,155
Ohio . . . . .	12,664	12,864	110,112	112,947	113,940	8,428	8,216	79,470	81,818	79,227
Oklahoma . . . . .	4,748	4,879	40,631	41,219	41,550	2,909	2,741	26,313	27,663	26,885
Oregon . . . . .	4,041	3,967	35,925	37,116	37,192	2,482	2,391	23,460	23,882	21,666
Pennsylvania . . . . .	12,909	12,890	111,416	113,280	112,856	9,535	9,529	92,583	95,478	93,611
Rhode Island . . . . .	986	1,005	8,758	9,069	9,574	752	697	7,007	7,374	7,309
South Carolina . . . . .	5,164	5,400	45,867	47,258	46,939	3,025	3,208	28,234	28,720	27,724
South Dakota . . . . .	1,012	1,036	9,122	9,264	9,310	534	536	5,041	5,214	5,007
Tennessee . . . . .	7,202	7,523	61,735	64,683	64,583	4,616	4,476	42,900	43,672	42,600
Texas . . . . .	35,660	35,526	301,864	302,863	300,527	12,656	12,703	120,559	123,026	118,304
Utah . . . . .	4,730	4,781	41,365	42,728	42,017	1,109	1,138	10,624	10,553	10,561
Vermont . . . . .	519	523	4,697	4,852	4,919	374	432	3,677	3,795	3,832
Virginia . . . . .	9,242	9,447	79,323	81,208	82,370	4,388	4,495	43,325	43,762	43,348
Washington . . . . .	7,745	7,631	68,276	69,146	67,680	3,636	3,834	35,848	36,737	35,211
West Virginia . . . . .	1,870	1,769	15,926	15,828	16,202	1,688	1,665	15,795	16,065	15,447
Wisconsin . . . . .	6,240	6,198	54,410	55,269	55,267	3,450	3,543	33,718	34,802	34,274
Wyoming . . . . .	705	638	5,967	6,054	6,004	306	360	3,100	3,113	3,188
Puerto Rico . . . . .	4,294	4,174	32,682	33,520	34,264	2,158	2,208	21,612	21,372	21,531

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, September 2008 and 2009, and cumulative figures, 2007–2009**

[By state of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	September		January–September			September		January–September		
	2009 <sup>1</sup>	2008 <sup>2</sup>	2009 <sup>1</sup>	2008 <sup>2</sup>	2007 <sup>2</sup>	2009 <sup>1</sup>	2008 <sup>2</sup>	2009 <sup>1</sup>	2008 <sup>2</sup>	2007 <sup>2</sup>
Alabama	3,508	3,104	28,207	31,045	32,299	1,731	1,917	15,409	15,747	16,279
Alaska	604	487	4,470	4,687	4,631	113	284	2,218	2,303	2,273
Arizona <sup>3</sup>	2,701	2,530	26,387	28,291	29,825	1,892	2,029	17,718	17,952	18,360
Arkansas	2,283	2,500	23,789	24,832	26,489	1,053	1,348	12,027	12,239	12,825
California	19,775	23,129	169,013	192,669	180,161	---	---	---	---	---
Colorado	3,465	3,609	28,265	28,716	27,521	1,741	1,729	15,756	15,775	15,699
Connecticut	2,343	2,003	12,854	14,202	15,175	620	805	7,491	8,476	8,582
Delaware	152	558	3,232	3,686	3,894	328	252	2,383	2,302	2,435
District of Columbia	165	237	1,371	1,849	1,912	106	147	910	1,172	705
Florida	11,047	9,921	109,148	111,556	118,247	7,082	7,205	59,847	61,184	65,044
Georgia	5,257	5,570	48,086	44,751	51,588	---	---	---	---	---
Hawaii	2,081	2,205	17,585	19,896	20,985	---	---	---	---	---
Idaho	1,517	1,346	10,822	11,606	12,121	551	643	5,587	5,620	5,541
Illinois	8,743	7,526	55,098	57,438	57,416	2,780	2,767	24,946	24,535	24,852
Indiana	4,318	4,791	37,804	37,081	34,127	---	---	---	---	---
Iowa	2,110	2,214	16,158	15,383	15,778	565	694	5,575	5,871	5,632
Kansas	2,117	1,872	13,954	12,827	13,227	1,128	772	7,383	6,601	6,141
Kentucky	2,782	3,119	25,649	25,756	26,197	1,900	1,643	14,999	14,995	14,972
Louisiana	1,047	1,740	21,949	22,384	23,587	---	---	---	---	---
Maine	1,675	1,301	7,174	7,943	8,086	520	471	3,282	4,207	4,248
Maryland	3,857	3,351	24,622	25,500	28,216	1,691	1,418	11,421	12,039	12,102
Massachusetts	4,113	4,897	28,139	28,391	29,349	903	978	8,271	10,098	11,276
Michigan	7,082	6,152	41,688	43,891	45,648	2,715	2,875	24,021	25,553	26,238
Minnesota	4,187	3,708	22,486	22,271	23,724	---	---	---	---	---
Mississippi	1,096	1,053	11,233	11,553	12,365	1,365	983	9,478	9,671	10,067
Missouri	3,273	4,086	30,778	30,474	31,253	2,211	1,960	17,524	16,662	16,554
Montana	878	718	5,869	6,172	6,061	556	320	2,910	3,122	2,971
Nebraska	1,445	1,215	10,572	9,767	9,669	395	480	4,215	4,444	4,564
Nevada	10,430	9,750	84,341	86,714	97,909	1,482	1,452	13,418	12,721	12,225
New Hampshire	1,270	1,118	6,607	7,072	7,411	338	451	3,773	3,870	3,839
New Jersey	4,340	4,773	34,429	35,331	35,586	1,915	2,186	18,298	19,969	19,759
New Mexico <sup>4</sup>	411	625	7,400	6,538	8,934	716	724	6,010	6,426	6,591
New York <sup>3</sup>	11,621	12,433	94,679	98,729	101,419	3,239	4,242	35,498	40,487	43,677
North Carolina	7,852	5,703	49,877	48,667	49,224	3,258	3,006	27,244	27,490	27,859
North Dakota	566	428	3,362	3,397	3,465	149	163	1,262	1,481	1,439
Ohio	7,172	7,070	45,305	53,008	55,326	2,608	3,239	26,949	29,631	29,667
Oklahoma	1,993	2,245	17,695	19,925	20,492	1,467	1,458	12,273	14,450	14,117
Oregon	3,401	2,652	17,677	21,151	21,924	1,200	1,211	9,833	11,236	10,979
Pennsylvania	7,938	7,938	49,977	55,733	56,835	2,846	2,846	20,271	25,854	26,299
Rhode Island	860	807	4,690	5,042	5,383	425	194	2,447	2,107	2,276
South Carolina	2,674	2,802	22,593	25,344	27,232	1,178	1,241	8,748	9,767	9,866
South Dakota	791	751	4,769	5,020	5,029	198	191	1,940	1,777	1,800
Tennessee	8,549	4,887	40,091	44,118	47,767	2,461	2,261	19,870	20,314	20,635
Texas	12,963	11,835	138,749	137,982	134,815	6,063	5,891	61,818	59,801	59,401
Utah	2,167	2,167	18,824	18,824	20,300	749	857	7,292	7,564	7,177
Vermont	522	658	2,652	3,976	4,367	102	196	1,461	1,636	1,671
Virginia	5,155	5,098	40,923	42,862	45,261	2,106	2,362	21,210	21,998	22,055
Washington	4,801	4,138	31,408	33,828	33,617	2,747	2,187	18,989	19,419	19,628
West Virginia	1,277	1,186	9,161	9,949	10,502	664	766	6,709	6,658	7,101
Wisconsin	4,033	3,884	23,356	24,693	25,796	1,302	1,402	13,037	12,795	12,363
Wyoming	848	423	4,231	3,823	3,942	138	253	2,222	2,037	1,977
Puerto Rico	1,203	1,093	13,559	13,963	15,848	1,420	1,645	11,327	11,593	12,105

--- Data not available.

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

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### National Center for Health Statistics

Edward J. Sondik, Ph.D., *Director*  
Jennifer H. Madans, Ph.D., *Associate Director for Science*

### Division of Vital Statistics

Charles J. Rothwell, M.S., *Director*