

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

Table A. Provisional vital statistics for the United States, January 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	January				12 months ending with January				
	Number		Rate		Number		Rate		
	2009	2008	2009	2008	2009	2008	2009	2008	2007
Live births	341,000	356,000	13.1	13.9	4,231,000	4,316,000	13.9	14.3	14.3
Fertility rate . . . . .	...	...	64.9	67.8	...	...	68.1	69.2	69.0
Deaths	221,000	224,000	8.5	8.7	2,450,000	2,417,000	8.0	8.0	8.1
Infant deaths	2,300	2,500	6.5	6.9	27,400	28,600	6.5	6.6	6.6
Natural increase	120,000	132,000	4.6	5.2	1,781,000	1,899,000	5.9	6.3	6.2
Marriages ¹	124,000	132,000	4.8	5.1	2,154,000	2,214,000	7.1	7.3	7.4
Divorces ²	---	---	---	---	---	---	3.4	3.6	3.7
Population base (in millions) . . . . .	...	...	305.5	303.1	...	...	304.7	302.5	299.4

... 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). 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–January 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	132,000	5.1	224,000	8.7	2,500	6.9
February	338,000	14.1	68.7	70.2	136,000	5.6	222,000	9.3	2,300	6.8
March	350,000	13.6	66.6	67.1	141,000	5.5	231,000	9.0	2,400	6.9
April	346,000	13.9	67.9	69.2	159,000	6.4	206,000	8.3	2,200	6.4
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	67.1	218,000	8.7	190,000	7.6	2,200	6.4
July	376,000	14.6	71.4	70.0	233,000	9.0	191,000	7.4	2,300	6.2
August	373,000	14.5	70.9	68.0	225,000	8.7	191,000	7.4	2,400	6.5
September	369,000	14.8	72.4	68.4	213,000	8.5	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	161,000	6.4	200,000	8.0	2,200	6.5
December	351,000	13.5	66.6	68.1	161,000	6.2	213,000	8.2	2,200	6.3
2009										
January	341,000	13.1	64.9	68.1	124,000	4.8	221,000	8.5	2,300	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).

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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, January 2007–2009

[Data are estimates by state of residence]

Area	Live births			Deaths		
	January			January		
	2009	2008	2007	2009	2008	2007
Alabama	5,090	5,580	5,371	4,208	4,356	4,315
Alaska	881	874	864	305	302	313
Arizona	7,828	8,726	8,737	4,047	4,212	4,313
Arkansas	3,281	3,497	3,474	2,598	2,580	2,568
California	46,617	46,629	46,325	22,325	22,321	22,617
Colorado	5,421	5,746	5,802	2,750	2,855	2,727
Connecticut	3,134	3,377	3,419	2,528	2,656	2,612
Delaware	972	946	942	723	662	652
District of Columbia	690	664	622	441	469	475
Florida	18,320	20,471	20,427	15,218	15,292	15,058
Georgia	11,823	12,025	12,526	6,048	6,050	5,880
Hawaii	1,639	1,605	1,528	847	873	826
Idaho	1,834	2,181	2,008	905	905	987
Illinois	13,677	14,562	14,530	9,286	9,182	9,151
Indiana	7,005	7,336	7,347	4,624	4,767	4,989
Iowa	3,138	3,217	3,221	2,552	2,589	2,553
Kansas	3,288	3,503	3,492	2,255	2,267	2,222
Kentucky	4,527	4,874	5,003	3,722	3,583	3,520
Louisiana	5,370	5,768	5,634	3,803	3,774	3,464
Maine	1,050	1,057	1,192	949	1,090	1,086
Maryland	6,314	6,615	6,725	4,108	3,872	4,026
Massachusetts	5,932	6,318	6,214	4,819	4,821	4,848
Michigan	9,362	10,023	10,315	7,914	7,921	7,958
Minnesota	5,483	5,978	6,011	3,469	3,466	3,359
Mississippi	3,722	4,027	3,989	2,524	2,694	2,609
Missouri	6,172	6,720	6,552	5,005	5,311	5,028
Montana	987	1,030	974	779	782	746
Nebraska	2,136	2,202	2,130	1,402	1,383	1,475
Nevada	3,315	3,320	3,366	1,718	1,815	1,799
New Hampshire	1,074	1,178	1,181	956	903	916
New Jersey	9,033	9,440	9,471	6,308	6,467	5,596
New Mexico	2,298	2,490	2,545	1,367	1,450	1,337
New York	21,048	21,244	21,128	13,737	13,443	13,701
North Carolina	10,701	11,074	10,924	7,083	6,918	6,762
North Dakota	748	718	718	548	487	483
Ohio	11,552	12,150	12,358	9,956	9,883	9,679
Oklahoma	4,425	4,636	4,633	3,273	3,446	3,350
Oregon	3,707	3,869	3,862	2,628	2,771	2,796
Pennsylvania	11,868	12,092	12,264	10,819	11,492	11,627
Rhode Island	963	987	1,026	803	881	934
South Carolina	5,102	5,364	5,415	3,012	3,400	3,446
South Dakota	1,058	1,056	968	650	618	649
Tennessee	6,773	7,309	7,143	5,306	5,278	5,141
Texas	33,101	34,274	33,606	14,760	15,563	15,289
Utah	4,238	4,390	4,282	1,229	1,280	1,317
Vermont	508	497	503	475	405	536
Virginia	8,493	9,234	9,189	5,436	5,256	5,252
Washington	7,056	7,250	7,258	4,110	4,424	4,229
West Virginia	1,739	1,833	1,696	1,943	1,862	1,840
Wisconsin	5,783	5,803	5,868	4,558	4,216	4,154
Wyoming	614	657	626	302	385	404
Puerto Rico	3,710	3,917	4,080	2,419	2,601	2,535

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, January 2007–2009

[By state of occurrence. Divorces include reported annulments]

Area	Marriages			Divorces		
	January			January		
	2009 ¹	2008 ¹	2007	2009 ¹	2008 ¹	2007
Alabama	1,384	1,251	2,275	1,095	987	1,845
Alaska	435	440	277	225	272	276
Arizona ²	2,763	3,739	3,311	2,069	2,057	2,155
Arkansas	1,409	1,457	1,807	1,008	974	1,264
California	12,827	13,111	13,495	---	---	---
Colorado	2,533	2,832	1,711	1,849	1,922	2,026
Connecticut	741	673	757	1,601	1,149	1,122
Delaware	352	389	197	192	252	261
District of Columbia	79	115	90	96	80	39
Florida	11,000	12,017	9,399	6,030	7,482	7,126
Georgia	6,183	2,920	5,302	---	---	---
Hawaii	746	1,184	1,692	---	---	---
Idaho	1,042	974	726	574	476	565
Illinois	2,733	4,385	3,132	2,191	2,432	2,338
Indiana	2,911	2,816	1,940	---	---	---
Iowa	967	933	676	613	608	574
Kansas	1,229	1,201	255	937	875	228
Kentucky	3,415	3,307	1,609	1,939	1,918	1,402
Louisiana	2,337	2,337	1,830	---	---	---
Maine	183	183	291	23	23	512
Maryland	1,433	1,378	1,632	844	848	1,284
Massachusetts	1,542	2,048	1,429	1,434	1,436	1,402
Michigan	1,540	1,522	2,086	2,267	2,351	3,056
Minnesota	1,202	1,378	1,299	---	---	---
Mississippi	1,264	1,893	785	1,031	1,725	1,063
Missouri	4,052	3,047	1,588	1,564	1,939	1,677
Montana	291	213	296	182	261	294
Nebraska	589	434	464	521	516	483
Nevada	7,080	8,005	9,510	1,276	1,182	1,249
New Hampshire	390	412	332	473	413	500
New Jersey	2,579	3,534	1,993	2,105	2,586	2,462
New Mexico ³	938	657	906	656	736	748
New York ²	7,268	11,291	6,696	2,708	4,352	5,191
North Carolina	4,147	4,813	2,915	2,890	2,919	2,871
North Dakota	256	240	137	141	137	135
Ohio	1,872	3,980	2,760	3,685	3,807	3,288
Oklahoma	1,278	1,548	1,572	1,107	1,486	1,364
Oregon	276	1,636	1,095	435	1,260	1,108
Pennsylvania	2,463	3,025	3,627	2,182	2,786	2,753
Rhode Island	220	200	230	230	265	312
South Carolina	1,260	574	1,521	945	670	1,159
South Dakota	252	304	327	213	181	209
Tennessee	4,074	3,645	3,166	2,563	2,934	2,403
Texas	14,668	10,500	10,065	6,166	6,166	6,166
Utah	656	1,111	1,327	250	650	882
Vermont	268	261	172	296	292	197
Virginia	2,307	3,096	2,966	1,542	2,030	2,118
Washington	2,047	2,718	1,744	2,105	2,824	2,301
West Virginia	980	499	542	647	629	812
Wisconsin	1,494	1,614	1,068	1,481	1,628	1,582
Wyoming	212	227	216	293	263	211
Puerto Rico	1,434	1,969	2,027	1,375	1,070	883

--- Data not available.

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

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