

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

Table A. Provisional vital statistics for the United States, 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	December				12 months ending with December				
	Number		Rate		Number		Rate		
	2008	2007	2008	2007	2008	2007	2008	2007	2006
Live births	351,000	356,000	13.5	13.8	4,247,000	4,315,000	13.9	14.3	14.3
Fertility rate . . . . .	...	...	66.6	67.2	...	...	68.4	69.2	68.7
Deaths	213,000	214,000	8.2	8.3	2,453,000	2,415,000	8.1	8.0	8.1
Infant deaths	2,200	2,300	6.3	6.5	27,600	28,600	6.5	6.6	6.6
Natural increase	138,000	142,000	5.3	5.5	1,794,000	1,900,000	5.8	6.3	6.2
Marriages ¹	161,000	145,000	6.2	5.6	2,162,000	2,197,000	7.1	7.3	7.3
Divorces ²	---	---	---	---	---	---	3.5	3.6	3.7
Population base (in millions) . . . . .	...	...	305.8	303.5	...	...	304.5	302.2	299.1

... Category not applicable.

--- Data not available.

¹All marriage figures for 2006 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–December 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	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

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

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

[Data are estimates by state of residence]

Area	Live births					Deaths				
	December		January–December			December		January–December		
	2008	2007	2008	2007	2006	2008	2007	2008	2007	2006
Alabama	5,695	5,429	64,683	65,219	63,296	4,188	4,125	47,821	46,764	47,032
Alaska	944	865	11,444	11,060	10,992	309	290	3,503	3,486	3,318
Arizona	8,391	8,678	99,873	103,646	103,070	3,898	3,895	45,493	45,215	46,073
Arkansas	3,519	3,458	40,269	40,939	40,494	2,615	2,472	29,330	28,324	28,032
California	45,835	46,738	551,592	566,388	562,676	19,602	21,073	232,719	237,059	238,011
Colorado	5,718	5,703	70,271	70,992	70,969	2,731	2,569	31,402	30,077	29,502
Connecticut	3,123	3,224	40,406	41,684	41,588	2,346	2,525	28,610	28,536	29,790
Delaware	941	948	11,810	11,774	11,678	689	627	7,475	7,332	7,111
District of Columbia	651	624	7,794	7,628	7,565	501	450	5,115	5,217	5,177
Florida	19,812	20,144	231,395	239,273	237,371	14,751	14,055	170,535	167,196	170,007
Georgia	12,606	12,763	146,411	147,294	148,427	6,045	5,024	68,055	65,913	66,335
Hawaii	1,658	1,596	19,431	19,110	18,583	798	799	9,270	9,319	9,384
Idaho	1,985	1,937	25,288	25,053	24,320	931	920	11,006	10,967	10,703
Illinois	14,144	16,256	176,673	182,135	180,519	9,073	9,405	100,247	100,049	101,922
Indiana	7,362	7,403	88,176	89,916	89,461	4,934	4,751	54,612	54,246	55,652
Iowa	3,349	3,314	40,156	40,778	40,423	2,639	2,501	28,731	27,304	27,493
Kansas	3,496	3,403	41,687	42,268	41,290	2,132	2,163	24,643	24,307	24,473
Kentucky	5,052	4,877	58,402	59,127	58,390	3,300	3,046	40,720	39,315	40,066
Louisiana	5,659	5,600	64,396	65,219	60,190	3,054	3,533	39,634	38,611	38,376
Maine	1,044	1,085	13,672	14,177	14,213	1,056	1,027	12,433	12,398	12,280
Maryland	6,519	6,490	78,774	79,476	78,587	4,021	3,882	43,786	43,715	43,566
Massachusetts	6,080	6,206	76,526	77,731	77,610	4,780	4,691	52,892	53,109	53,631
Michigan	9,727	10,099	120,997	125,880	127,603	7,682	7,824	88,450	86,740	84,716
Minnesota	5,719	5,887	72,213	73,599	73,520	3,605	3,437	38,529	37,116	36,982
Mississippi	4,003	4,014	45,411	46,690	46,073	2,533	2,411	28,910	28,236	28,656
Missouri	6,733	6,743	81,099	81,827	81,478	4,897	4,872	56,919	54,463	54,913
Montana	1,020	1,018	12,561	12,407	12,506	788	754	8,907	8,616	8,488
Nebraska	2,213	2,224	26,914	26,967	26,744	1,363	1,394	15,492	15,280	14,952
Nevada	2,895	3,352	39,167	41,041	40,065	1,409	1,601	18,942	19,771	18,295
New Hampshire	1,080	1,112	14,066	14,397	14,534	902	922	10,272	10,178	9,901
New Jersey	9,292	8,988	112,658	115,294	114,934	5,758	6,093	68,506	69,172	71,809
New Mexico	2,197	2,437	29,683	30,392	29,867	1,265	1,340	15,586	15,261	14,962
New York	20,775	20,843	255,284	258,249	254,806	13,231	13,358	149,634	148,378	150,329
North Carolina	11,187	10,949	131,251	131,314	128,186	6,865	6,796	77,392	76,093	74,734
North Dakota	741	727	8,973	8,837	8,599	494	528	5,939	5,648	5,917
Ohio	12,405	12,110	148,850	150,892	152,112	9,849	9,856	109,831	106,772	106,977
Oklahoma	4,796	4,578	54,898	55,372	54,212	3,330	3,214	36,945	36,074	35,585
Oregon	3,873	3,825	48,619	48,957	48,229	2,707	2,762	31,767	29,186	31,361
Pennsylvania	11,956	12,294	148,640	149,970	148,234	9,700	10,858	125,754	124,485	125,151
Rhode Island	923	918	12,006	12,503	12,488	810	850	9,774	9,751	9,731
South Carolina	5,444	5,374	63,001	62,851	61,870	3,302	3,422	38,354	37,763	36,652
South Dakota	926	986	12,089	12,344	11,932	526	660	6,946	6,821	7,043
Tennessee	7,076	7,123	85,319	85,894	83,928	5,269	5,052	58,676	56,948	56,687
Texas	32,880	34,489	403,019	405,376	399,831	14,523	14,411	163,991	158,740	152,461
Utah	4,376	4,168	55,559	55,002	53,280	1,210	1,285	14,064	14,142	13,772
Vermont	469	544	6,275	6,492	6,412	462	344	5,119	4,919	5,009
Virginia	8,889	8,933	107,150	109,615	108,245	5,380	5,124	59,038	57,954	57,571
Washington	7,236	7,301	90,721	89,387	87,090	3,912	4,263	48,347	47,043	44,844
West Virginia	1,804	1,698	21,005	21,432	20,678	1,947	1,950	21,466	20,912	20,573
Wisconsin	5,795	5,778	72,471	72,932	72,425	4,201	4,272	46,813	46,130	46,188
Wyoming	649	627	7,976	7,858	7,632	383	363	4,175	4,200	4,281
Puerto Rico	4,062	3,878	45,367	46,551	47,785	2,573	2,421	28,570	28,606	27,406

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

[By state of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	December		January–December			December		January–December		
	2008 ¹	2007	2008 ¹	2007	2006	2008 ¹	2007	2008 ¹	2007	2006
Alabama	3,216	3,088	39,035	41,622	42,386	1,476	1,319	19,509	21,255	22,867
Alaska	346	442	5,847	5,800	5,536	117	231	2,921	2,897	2,825
Arizona ²	2,884	2,560	37,772	39,495	38,983	2,051	1,952	23,985	24,515	24,274
Arkansas	2,420	2,663	30,961	34,275	35,088	1,155	1,225	15,908	16,858	16,486
California	16,041	14,148	246,802	225,920	225,341	---	---	---	---	---
Colorado	5,086	1,980	37,876	34,160	33,841	1,794	1,737	20,992	21,177	21,139
Connecticut	1,778	1,124	19,105	19,502	19,319	1,190	727	11,369	11,194	11,027
Delaware	329	262	5,391	4,970	5,105	198	249	3,147	3,215	3,239
District of Columbia	159	122	2,417	2,418	2,297	37	105	1,475	994	1,218
Florida	11,014	12,497	147,941	155,929	155,658	5,755	6,016	82,055	84,373	85,969
Georgia	548	3,625	57,361	64,034	66,456	---	---	---	---	---
Hawaii	2,234	1,855	25,068	27,346	28,679	---	---	---	---	---
Idaho	763	1,034	14,536	14,981	14,863	666	596	7,182	7,348	7,394
Illinois	5,437	5,790	75,882	76,830	77,981	3,072	2,873	32,237	33,239	32,158
Indiana	4,932	3,022	50,671	44,441	44,231	---	---	---	---	---
Iowa	969	1,059	19,564	19,895	20,060	639	646	7,269	7,622	7,949
Kansas	1,649	2,231	18,693	19,024	18,918	897	1,664	9,971	9,426	8,462
Kentucky	1,968	1,963	35,239	33,351	35,324	1,377	1,464	21,029	19,743	21,127
Louisiana	4,251	2,721	36,276	32,787	---	---	---	---	---	---
Maine	860	452	9,348	9,870	10,289	641	411	4,709	5,614	5,608
Maryland	2,734	2,543	33,391	36,618	37,020	1,868	1,569	16,210	16,662	17,065
Massachusetts	1,925	2,219	33,996	37,895	37,993	147	1,006	12,992	14,644	14,621
Michigan	4,206	3,269	55,726	56,996	59,400	3,292	2,437	33,812	34,502	35,026
Minnesota	1,464	1,340	28,820	30,070	30,952	---	---	---	---	---
Mississippi	1,225	1,198	15,872	15,824	16,560	1,046	936	13,049	13,095	13,955
Missouri	2,497	2,589	39,526	40,405	40,308	1,682	1,744	22,495	22,223	22,243
Montana	423	434	7,267	7,263	7,055	363	291	3,449	3,901	4,192
Nebraska	779	751	12,559	12,159	12,015	569	516	6,129	6,151	6,095
Nevada	8,564	7,965	112,185	126,354	131,389	1,379	1,361	16,909	16,593	16,958
New Hampshire	423	502	9,030	9,350	9,367	312	306	4,909	4,981	5,322
New Jersey	3,748	2,820	45,682	46,519	47,727	2,024	1,810	25,766	25,687	25,794
New Mexico ³	507	524	8,033	11,229	13,423	431	570	8,148	8,434	8,383
New York ²	15,433	8,216	134,969	129,943	131,004	6,856	3,442	52,251	55,068	59,543
North Carolina	4,911	4,536	58,994	63,932	64,736	2,530	2,645	35,086	36,205	35,824
North Dakota	240	292	4,107	4,316	4,354	109	156	1,755	1,925	1,963
Ohio	6,404	4,425	70,574	70,632	72,783	2,211	2,776	39,009	38,884	40,111
Oklahoma	1,918	1,666	24,913	26,508	26,266	1,536	1,360	18,088	18,954	19,023
Oregon	2,412	1,579	27,172	26,664	26,679	1,310	1,216	15,045	14,499	14,867
Pennsylvania	3,352	3,359	69,538	71,094	71,511	2,967	3,215	34,089	35,508	35,330
Rhode Island	333	340	6,487	6,786	6,990	222	198	2,825	3,006	3,199
South Carolina	1,146	2,375	28,578	34,908	33,852	615	973	11,382	13,194	12,796
South Dakota	347	272	6,196	6,170	6,303	253	211	2,473	2,442	2,467
Tennessee	4,511	4,511	60,651	62,149	64,505	1,682	1,682	26,390	26,501	28,066
Texas	13,623	13,623	179,451	176,313	178,116	5,744	5,744	77,649	77,810	79,469
Utah	1,150	1,636	19,978	25,060	23,342	849	662	9,489	9,491	9,904
Vermont	266	256	4,693	5,317	5,352	199	221	2,225	2,256	2,390
Virginia	4,024	3,872	56,882	58,289	60,235	3,048	2,540	29,713	29,516	30,571
Washington	3,207	2,812	42,133	41,397	41,559	2,825	2,225	24,558	26,138	26,163
West Virginia	692	888	12,299	13,303	13,263	630	672	8,641	9,299	9,183
Wisconsin	1,301	1,656	31,586	32,159	33,437	1,350	1,266	17,067	16,458	16,730
Wyoming	359	333	4,722	4,826	4,867	96	181	2,727	2,610	2,690
Puerto Rico	2,550	2,438	19,195	21,603	22,589	1,515	1,480	14,880	15,454	17,539

--- 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."

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National Center for Health Statistics

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Division of Vital Statistics

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