

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

Table A. Provisional vital statistics for the United States, September 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	September				January–September				12 months ending with September				
	Number		Rate		Number		Rate		Number		Rate		
	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2006
Live births	369,000	368,000	14.8	14.8	3,212,000	3,236,000	14.1	14.3	4,292,000	4,309,000	14.1	14.3	14.2
Fertility rate . . . . .	...	...	72.4	71.8	...	...	69.1	69.4	...	...	69.1	69.2	68.1
Deaths	187,000	187,000	7.5	7.5	1,840,000	1,805,000	8.1	8.0	2,451,000	2,413,000	8.1	8.0	8.1
Infant deaths	2,200	2,400	6.0	6.5	20,900	21,500	6.5	6.7	28,000	28,600	6.5	6.6	6.6
Natural increase	182,000	181,000	7.3	7.3	1,372,000	1,431,000	6.0	6.3	1,841,000	1,896,000	6.0	6.3	6.1
Marriages ¹	213,000	214,000	8.5	8.6	1,625,000	1,712,000	7.1	7.6	2,110,000	2,205,000	6.9	7.3	7.4
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.5	3.6	3.6
Population base (in millions) . . . . .	...	...	305.0	302.8	...	...	...	...	...	...	303.8	301.5	298.4

... 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–September 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

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

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

[Data are estimates by state of residence]

Area	Live births					Deaths				
	September		January–September			September		January–September		
	2008	2007	2008	2007	2006	2008	2007	2008	2007	2006
Alabama	5,547	5,571	48,590	48,546	46,812	3,734	3,607	35,937	34,985	35,166
Alaska	1,017	980	8,665	8,295	8,356	260	319	2,569	2,626	2,443
Arizona	8,822	9,184	75,203	77,286	76,210	3,345	3,547	34,231	34,014	34,690
Arkansas	3,433	3,271	30,401	30,501	30,046	2,263	2,169	22,035	21,141	20,935
California	47,750	49,760	416,172	422,669	418,616	17,764	17,837	176,720	178,324	176,582
Colorado	6,035	5,978	53,468	53,490	53,675	2,356	2,369	23,623	22,463	22,063
Connecticut	3,440	3,562	30,856	31,580	31,336	2,437	2,009	21,473	21,134	22,547
Delaware	1,026	972	8,971	8,848	8,827	457	536	5,543	5,454	5,270
District of Columbia	651	607	5,896	5,757	5,662	400	409	3,843	3,869	3,851
Florida	20,112	19,922	173,891	178,229	175,208	12,924	12,650	128,151	126,258	127,955
Georgia	13,291	13,117	108,167	108,662	109,854	5,373	4,811	50,620	49,600	49,641
Hawaii	1,769	1,692	14,530	14,303	14,176	733	713	7,021	7,047	7,014
Idaho	2,119	2,076	19,395	19,020	18,234	871	865	8,322	8,164	7,904
Illinois	15,319	14,929	134,666	136,502	135,997	7,969	7,892	74,561	74,025	75,984
Indiana	7,733	7,456	67,385	67,587	67,240	4,233	4,243	41,550	40,534	41,338
Iowa	3,504	3,453	30,496	30,782	30,441	2,215	2,178	21,375	20,120	20,245
Kansas	3,777	3,587	31,538	31,871	31,021	1,845	1,957	18,657	18,214	18,197
Kentucky	5,031	5,026	43,999	44,545	43,647	3,146	3,088	30,704	29,621	29,619
Louisiana	5,561	5,507	48,401	48,688	46,017	3,059	3,033	29,987	28,682	29,077
Maine	1,194	1,195	10,514	10,767	10,724	928	960	9,204	9,378	9,237
Maryland	6,769	6,728	59,727	59,899	59,162	3,203	3,476	32,469	32,718	32,332
Massachusetts	6,486	6,375	58,432	58,896	58,731	3,919	4,073	39,600	39,676	40,190
Michigan	10,344	10,903	92,239	95,168	96,817	6,821	6,789	66,084	64,409	63,764
Minnesota	6,057	6,102	55,139	55,683	55,743	2,845	2,954	28,541	27,186	27,156
Mississippi	4,047	3,979	33,940	34,686	33,833	2,263	2,174	21,681	21,238	21,316
Missouri	7,083	6,867	61,655	61,530	61,046	4,415	4,357	42,948	40,759	40,896
Montana	1,097	1,063	9,621	9,362	9,491	698	685	6,616	6,426	6,321
Nebraska	2,446	2,230	20,484	20,430	20,056	1,184	1,212	11,631	11,344	11,100
Nevada	3,548	3,503	30,053	30,798	29,950	1,400	1,537	14,653	15,005	13,614
New Hampshire	1,240	1,168	10,835	10,937	11,059	794	753	7,688	7,555	7,349
New Jersey	9,706	9,695	85,339	87,325	86,617	5,040	5,416	52,396	51,461	56,247
New Mexico	2,545	2,789	22,552	22,948	22,365	1,151	1,163	11,875	11,409	11,169
New York	22,119	21,895	193,058	194,045	191,424	11,118	11,489	111,495	110,611	111,730
North Carolina	11,269	11,316	98,667	98,326	95,641	6,024	5,976	57,739	56,712	55,545
North Dakota	793	731	6,797	6,641	6,521	462	470	4,460	4,155	4,321
Ohio	12,858	12,587	112,909	113,940	115,058	8,212	8,406	81,800	79,227	79,293
Oklahoma	4,879	4,632	41,210	41,550	40,346	2,739	2,762	27,648	26,885	26,542
Oregon	3,967	4,093	37,112	37,192	36,545	2,387	2,332	23,868	21,666	23,455
Pennsylvania	12,890	12,575	113,280	112,856	112,005	9,529	9,538	95,478	93,611	93,323
Rhode Island	1,102	1,008	9,166	9,574	9,421	697	684	7,374	7,309	7,287
South Carolina	5,400	5,298	47,256	46,939	45,663	3,208	3,107	28,720	27,724	29,178
South Dakota	1,036	981	9,264	9,310	8,971	536	540	5,214	5,007	5,146
Tennessee	7,523	7,399	64,683	64,583	62,654	4,476	4,531	43,670	42,600	42,141
Texas	35,523	35,426	302,829	300,527	296,503	12,496	12,323	121,846	118,304	115,678
Utah	4,781	4,612	42,728	42,017	40,445	1,138	1,122	10,553	10,561	10,128
Vermont	523	533	4,852	4,919	4,864	425	379	3,691	3,832	3,752
Virginia	9,446	9,543	81,203	82,370	81,085	4,487	4,576	43,737	43,348	42,778
Washington	7,624	7,588	69,123	67,680	65,820	3,804	3,613	36,688	35,211	33,713
West Virginia	1,769	1,767	15,827	16,202	15,495	1,664	1,688	16,064	15,447	15,255
Wisconsin	6,197	6,050	55,254	55,267	54,489	3,543	3,674	34,800	34,274	34,174
Wyoming	638	633	6,054	6,004	5,741	360	336	3,113	3,188	3,158
Puerto Rico	4,174	4,276	33,520	34,264	35,547	2,208	2,231	21,372	21,531	20,881

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 2007 and 2008, and cumulative figures, 2006–2008

[By state of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	September		January–September			September		January–September		
	2008 ¹	2007	2008 ¹	2007	2006	2008 ¹	2007	2008 ¹	2007	2006
Alabama	3,404	3,478	29,313	32,299	32,853	1,984	1,425	14,951	16,279	17,709
Alaska	540	481	4,777	4,631	4,519	280	183	2,269	2,273	2,139
Arizona ²	2,530	2,440	28,291	29,825	29,066	2,029	1,948	17,952	18,360	18,047
Arkansas	2,361	2,950	23,031	26,489	27,196	1,311	1,291	12,111	12,825	12,620
California	23,129	17,997	192,669	180,161	177,997	---	---	---	---	---
Colorado	3,811	4,058	27,020	27,521	28,265	1,729	1,528	15,774	15,699	16,131
Connecticut	1,968	2,583	14,097	15,175	14,900	734	897	8,137	8,582	8,409
Delaware	478	598	4,266	3,894	3,879	278	271	2,407	2,435	2,432
District of Columbia	239	258	1,851	1,912	1,853	146	81	1,170	705	956
Florida	12,009	11,341	113,890	118,247	118,592	7,010	6,560	64,036	65,044	64,771
Georgia	5,570	6,664	44,751	51,588	48,869	---	---	---	---	---
Hawaii	2,660	2,482	19,100	20,985	22,032	---	---	---	---	---
Idaho	1,932	1,539	11,447	12,121	11,835	716	553	5,233	5,541	5,585
Illinois	8,237	8,047	57,215	57,416	58,418	2,710	2,559	24,161	24,852	23,994
Indiana	4,791	4,202	36,081	34,127	32,817	---	---	---	---	---
Iowa	2,598	2,628	15,092	15,778	15,786	723	599	5,421	5,632	6,073
Kansas	1,872	1,820	13,913	13,227	14,762	772	827	7,502	6,141	6,180
Kentucky	3,071	3,439	27,137	26,197	27,244	1,661	1,455	16,426	14,972	15,282
Louisiana	1,795	1,939	22,910	23,587	---	---	---	---	---	---
Maine	1,378	1,571	7,184	8,086	8,393	379	461	3,201	4,248	4,292
Maryland	3,595	4,035	24,768	28,216	28,444	1,296	865	11,499	12,102	12,921
Massachusetts	3,563	5,187	25,172	29,349	29,229	1,230	1,086	10,325	11,276	11,196
Michigan	8,330	7,327	42,142	45,648	47,393	2,952	2,647	24,844	26,238	26,553
Minnesota	3,696	3,814	22,531	23,724	24,418	---	---	---	---	---
Mississippi	1,244	1,396	12,425	12,365	12,828	1,071	1,022	9,850	10,067	10,801
Missouri	4,028	4,753	30,106	31,253	31,381	2,007	1,581	17,232	16,554	16,788
Montana	852	813	5,896	6,061	5,886	243	269	2,609	2,971	3,457
Nebraska	1,151	1,309	9,996	9,669	9,498	390	493	4,526	4,564	4,589
Nevada	9,985	9,985	86,949	97,909	101,847	1,452	1,195	12,719	12,225	12,901
New Hampshire	1,250	1,385	6,996	7,411	7,384	222	352	3,600	3,839	4,048
New Jersey	4,773	5,479	32,234	35,586	36,442	2,186	1,936	19,969	19,759	19,754
New Mexico ³	625	963	6,538	8,934	9,989	724	624	6,426	6,591	6,462
New York ²	13,770	13,230	93,117	101,419	101,045	4,369	4,212	35,701	43,677	45,219
North Carolina	5,903	6,711	41,451	49,224	49,867	3,390	2,783	24,422	27,859	27,545
North Dakota	537	539	3,126	3,465	3,494	143	141	1,385	1,439	1,490
Ohio	9,030	8,476	50,266	55,326	56,594	3,574	2,971	29,601	29,667	30,523
Oklahoma	2,084	2,175	19,445	20,492	20,525	1,325	1,443	14,168	14,117	14,341
Oregon	3,667	3,393	20,453	21,924	21,643	1,283	1,029	11,371	10,979	10,971
Pennsylvania	6,624	7,163	47,064	56,835	57,068	1,857	2,627	19,692	26,299	26,487
Rhode Island	835	965	5,027	5,383	5,470	194	245	2,127	2,276	2,445
South Carolina	1,422	3,402	22,259	27,232	25,370	610	993	8,760	9,866	9,249
South Dakota	712	665	5,041	5,029	5,160	190	166	1,754	1,800	1,870
Tennessee	6,547	5,797	46,294	47,767	48,977	2,917	1,924	20,433	20,635	21,599
Texas	14,615	14,615	138,913	134,815	136,697	5,506	5,506	59,401	59,401	60,468
Utah	1,760	2,332	15,666	20,300	18,376	999	686	6,942	7,177	7,552
Vermont	756	828	3,374	4,367	4,309	190	164	1,639	1,671	1,751
Virginia	5,134	5,823	43,461	45,261	46,383	2,412	2,202	22,353	22,055	22,778
Washington	5,427	4,953	33,410	33,617	33,771	1,773	1,910	18,079	19,628	19,662
West Virginia	1,476	1,370	9,030	10,502	10,302	733	707	6,435	7,101	7,001
Wisconsin	4,231	4,574	24,324	25,796	26,512	1,425	1,304	13,130	12,363	12,553
Wyoming	557	502	3,809	3,942	4,021	228	202	2,018	1,977	2,064
Puerto Rico	1,243	1,299	14,113	15,848	16,462	1,645	1,495	11,593	12,105	13,430

--- 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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