

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

Table A. Provisional vital statistics for the United States, August 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	August				January–August				12 months ending with August				
	Number		Rate		Number		Rate		Number		Rate		
	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2006
Live births	373,000	390,000	14.5	15.2	2,844,000	2,868,000	14.0	14.3	4,291,000	4,316,000	14.1	14.3	14.1
Fertility rate . . . . .	...	...	70.9	73.6	...	...	68.7	69.1	...	...	69.1	69.3	67.9
Deaths	190,000	191,000	7.4	7.4	1,653,000	1,617,000	8.2	8.1	2,451,000	2,415,000	8.1	8.0	8.1
Infant deaths	2,400	2,500	6.6	6.5	18,700	19,200	6.6	6.7	28,200	28,500	6.6	6.6	6.6
Natural increase	183,000	199,000	7.1	7.8	1,191,000	1,251,000	5.8	6.2	1,840,000	1,901,000	6.0	6.3	6.0
Marriages ¹	224,000	218,000	8.7	8.5	1,413,000	1,498,000	7.0	7.5	2,112,000	2,212,000	7.0	7.4	7.4
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.4	3.6	3.7
Population base (in millions) . . . . .	...	...	304.7	302.5	...	...	...	...	...	...	303.5	301.3	298.2

... 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–August 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

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

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

[Data are estimates by state of residence]

Area	Live births					Deaths				
	August		January–August			August		January–August		
	2008	2007	2008	2007	2006	2008	2007	2008	2007	2006
Alabama	5,927	5,928	43,043	42,975	41,311	3,779	3,840	31,378	31,378	31,546
Alaska	1,007	1,005	7,648	7,315	7,365	295	294	2,307	2,307	2,155
Arizona	8,842	9,484	66,381	68,102	66,931	3,293	3,457	30,467	30,467	31,297
Arkansas	3,639	3,698	26,968	27,230	26,450	2,267	2,273	18,972	18,972	18,736
California	48,725	51,730	368,422	372,909	368,966	17,785	18,710	160,487	160,487	158,377
Colorado	6,094	6,305	47,433	47,512	47,555	2,451	2,302	20,094	20,094	19,668
Connecticut	3,563	3,699	27,416	28,018	27,743	1,827	2,175	19,125	19,125	19,825
Delaware	1,041	1,076	7,945	7,876	7,820	609	562	4,918	4,918	4,690
District of Columbia	678	659	5,245	5,150	5,009	400	413	3,460	3,460	3,425
Florida	20,218	21,788	153,779	158,307	153,801	13,201	13,369	113,608	113,608	115,107
Georgia	12,778	13,479	94,876	95,545	96,740	5,552	5,730	44,789	44,789	44,231
Hawaii	1,677	1,710	12,761	12,611	12,532	690	785	6,334	6,334	6,311
Idaho	2,160	2,245	17,276	16,944	16,144	873	906	7,299	7,299	7,063
Illinois	15,750	16,349	119,347	121,573	120,559	7,859	7,858	66,133	66,133	68,047
Indiana	7,824	8,158	59,652	60,131	59,368	4,222	4,222	36,291	36,291	36,891
Iowa	3,542	3,781	26,992	27,329	26,980	2,173	2,072	17,942	17,942	18,063
Kansas	3,698	3,800	27,761	28,284	27,431	1,918	1,978	16,257	16,257	16,299
Kentucky	5,182	5,308	38,968	39,519	38,417	3,157	3,212	26,533	26,533	26,523
Louisiana	5,663	6,053	42,840	43,181	40,327	3,228	3,038	25,649	25,649	26,109
Maine	1,224	1,226	9,320	9,572	9,557	934	990	8,418	8,418	8,249
Maryland	6,862	7,090	52,958	53,171	52,220	3,342	3,462	29,242	29,242	28,936
Massachusetts	6,737	7,254	51,946	52,521	52,084	4,120	4,028	35,603	35,603	36,113
Michigan	10,378	10,982	81,895	84,265	85,707	6,935	6,799	57,620	57,620	56,924
Minnesota	6,167	6,512	49,082	49,581	49,435	3,020	3,007	24,232	24,232	24,161
Mississippi	3,973	4,277	29,893	30,707	29,563	2,309	2,184	19,064	19,064	19,035
Missouri	7,199	7,278	54,572	54,663	53,949	4,286	4,306	36,402	36,402	36,572
Montana	1,067	1,055	8,524	8,299	8,432	666	721	5,741	5,741	5,654
Nebraska	2,348	2,502	18,038	18,200	17,680	1,250	1,176	10,132	10,132	9,931
Nevada	3,549	3,621	26,505	27,295	26,488	1,523	1,548	13,468	13,468	12,151
New Hampshire	1,240	1,368	9,595	9,769	9,765	829	795	6,802	6,802	6,562
New Jersey	9,799	10,495	75,633	77,630	76,578	5,367	5,686	46,045	46,045	50,260
New Mexico	2,701	2,770	20,007	20,159	19,705	1,231	1,205	10,246	10,246	10,037
New York	22,276	22,925	170,939	172,150	169,272	11,680	11,658	99,122	99,122	100,121
North Carolina	11,573	11,774	87,398	87,010	83,981	6,045	5,903	50,736	50,736	49,660
North Dakota	757	752	6,004	5,910	5,831	480	449	3,685	3,685	3,859
Ohio	12,905	13,545	100,051	101,353	101,861	8,348	8,260	70,821	70,821	70,860
Oklahoma	4,934	4,994	36,331	36,918	35,516	2,863	2,929	24,123	24,123	23,805
Oregon	4,228	4,315	33,145	33,099	32,382	2,591	2,369	19,334	19,334	20,832
Pennsylvania	13,058	13,376	100,390	100,281	99,173	9,590	9,738	84,073	84,073	83,735
Rhode Island	945	1,152	8,064	8,566	8,344	793	783	6,625	6,625	6,519
South Carolina	5,505	5,530	41,856	41,641	39,997	3,208	2,795	24,617	24,617	25,902
South Dakota	974	1,059	8,228	8,329	7,958	564	546	4,467	4,467	4,579
Tennessee	7,473	7,934	57,160	57,184	55,150	4,603	4,490	38,069	38,069	37,549
Texas	35,737	37,320	267,306	265,101	261,168	12,495	12,418	105,981	105,981	103,629
Utah	4,851	4,935	37,947	37,405	36,079	1,120	1,146	9,439	9,439	9,007
Vermont	513	601	4,329	4,386	4,294	405	405	3,453	3,453	3,358
Virginia	9,351	9,841	71,757	72,827	71,486	4,709	4,713	38,772	38,772	38,312
Washington	7,947	7,939	61,499	60,092	58,356	3,670	3,756	31,598	31,598	30,300
West Virginia	1,844	1,996	14,058	14,435	13,723	1,633	1,589	13,759	13,759	13,730
Wisconsin	6,367	6,635	49,057	49,217	48,165	3,574	3,586	30,600	30,600	30,648
Wyoming	703	695	5,416	5,371	5,086	326	359	2,852	2,852	2,813
Puerto Rico	4,206	4,377	29,346	29,988	30,964	2,293	2,297	19,300	19,300	18,641

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

[By state of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	August		January–August			August		January–August		
	2008 ¹	2007 ¹	2008 ¹	2007 ¹	2006	2008 ¹	2007 ¹	2008 ¹	2007 ¹	2006
Alabama	3,624	3,601	25,909	28,821	29,045	1,702	2,071	12,967	14,854	15,875
Alaska	820	704	4,237	4,150	3,954	240	262	1,989	2,090	1,921
Arizona ²	2,673	2,711	25,761	27,385	26,252	2,023	2,265	15,923	16,412	16,237
Arkansas	3,439	2,720	20,670	23,539	24,111	1,603	1,473	10,800	11,534	11,270
California	26,614	23,554	169,540	162,164	158,485	---	---	---	---	---
Colorado	3,283	3,101	23,209	23,463	24,438	1,720	1,776	14,045	14,171	14,445
Connecticut	2,486	2,128	12,129	12,592	12,337	838	975	7,403	7,685	7,475
Delaware	486	446	3,788	3,296	3,252	252	270	2,129	2,164	2,176
District of Columbia	244	271	1,612	1,654	1,644	70	91	1,024	624	867
Florida	12,027	11,037	101,881	106,906	107,359	7,041	7,977	57,026	58,484	57,458
Georgia	6,581	6,133	39,181	44,924	41,305	---	---	---	---	---
Hawaii	2,145	2,326	16,440	18,503	19,354	---	---	---	---	---
Idaho	1,819	1,808	9,515	10,582	10,288	626	650	4,517	4,988	5,027
Illinois	8,252	8,037	48,978	49,369	50,110	2,401	3,118	21,451	22,293	21,261
Indiana	4,811	4,573	31,290	29,925	29,127	---	---	---	---	---
Iowa	2,148	2,173	12,494	13,150	13,172	631	639	4,698	5,033	5,402
Kansas	1,848	2,164	12,041	11,407	12,725	886	717	6,730	5,314	5,561
Kentucky	4,569	2,926	24,066	22,758	23,634	1,734	1,846	14,765	13,517	13,616
Louisiana	1,854	3,214	21,115	21,648	---	---	---	---	---	---
Maine	1,801	1,549	5,806	6,515	6,780	455	473	2,822	3,787	3,883
Maryland	3,378	3,592	21,173	24,181	24,269	1,595	1,182	10,203	11,237	11,513
Massachusetts	4,172	4,410	21,609	24,162	23,983	678	1,397	9,095	10,190	9,970
Michigan	8,043	7,536	33,812	38,321	39,498	2,543	3,177	21,892	23,591	23,693
Minnesota	4,052	4,074	18,835	19,910	20,170	---	---	---	---	---
Mississippi	1,444	1,216	11,181	10,969	11,442	1,349	1,266	8,779	9,045	9,783
Missouri	4,443	3,384	26,078	26,500	26,760	2,033	1,913	15,225	14,973	15,038
Montana	1,122	1,035	5,044	5,248	5,084	323	298	2,366	2,702	3,105
Nebraska	1,437	1,249	8,845	8,360	8,070	572	482	4,136	4,071	4,106
Nevada	11,254	10,514	76,964	87,924	90,834	1,369	1,594	11,267	11,030	11,558
New Hampshire	1,286	1,227	5,746	6,026	5,966	521	434	3,378	3,487	3,601
New Jersey	3,015	4,746	27,461	30,107	30,774	1,753	2,037	17,783	17,823	17,764
New Mexico ³	772	1,126	5,913	7,971	8,925	707	766	5,702	5,967	5,771
New York ²	9,672	15,176	79,347	88,189	86,771	3,457	5,192	31,332	39,465	40,146
North Carolina	7,742	5,643	35,548	42,513	43,111	3,187	3,037	21,032	25,076	24,751
North Dakota	555	529	2,589	2,926	2,988	167	202	1,242	1,298	1,313
Ohio	8,391	7,508	41,236	46,850	47,775	3,127	3,375	26,027	26,696	27,316
Oklahoma	2,505	2,311	17,361	18,317	18,424	1,593	1,675	12,843	12,674	12,862
Oregon	4,071	3,929	16,786	18,531	18,360	1,082	1,309	10,088	9,950	9,867
Pennsylvania	6,223	8,575	40,440	49,672	49,364	2,452	3,119	17,835	23,672	23,696
Rhode Island	987	855	4,192	4,418	4,445	234	221	1,933	2,031	2,116
South Carolina	3,389	3,023	20,837	23,830	22,146	1,364	1,113	8,150	8,873	8,006
South Dakota	904	810	4,329	4,364	4,390	185	211	1,564	1,634	1,673
Tennessee	6,920	4,947	39,747	41,970	42,828	1,835	2,125	17,516	18,711	19,454
Texas	14,385	14,385	124,298	120,200	121,540	6,640	6,640	53,895	53,895	54,149
Utah	2,497	2,822	13,906	17,968	16,092	699	875	5,943	6,491	6,828
Vermont	530	854	2,618	3,539	3,472	91	165	1,449	1,507	1,562
Virginia	6,018	5,465	38,327	39,438	40,375	2,688	2,643	19,941	19,853	20,483
Washington	6,307	6,001	27,983	28,664	29,004	2,330	2,328	16,306	17,718	17,622
West Virginia	1,476	1,348	7,554	9,132	8,951	701	778	5,702	6,394	6,186
Wisconsin	4,279	4,146	20,093	21,222	21,627	1,328	1,332	11,705	11,059	11,246
Wyoming	776	626	3,252	3,440	3,478	216	241	1,790	1,775	1,843
Puerto Rico	1,457	1,745	12,870	14,549	14,952	1,080	1,432	9,948	10,610	12,290

--- 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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