

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

Table A. Provisional vital statistics for the United States, August 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	August				January–August				12 months ending with August				
	Number		Rate		Number		Rate		Number		Rate		
	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2007
Live births	360,000	373,000	13.8	14.5	2,762,000	2,844,000	13.5	14.0	4,165,000	4,291,000	13.6	14.1	14.3
Fertility rate . . . . .	...	...	68.4	70.9	...	...	67.0	68.7	...	...	67.3	69.1	69.3
Deaths	190,000	191,000	7.3	7.4	1,618,000	1,656,000	7.9	8.2	2,415,000	2,454,000	7.9	8.1	8.0
Infant deaths	2,300	2,400	6.3	6.5	17,800	18,800	6.4	6.6	26,700	28,200	6.4	6.6	6.6
Natural increase	170,000	182,000	6.5	7.1	1,144,000	1,188,000	5.6	5.8	1,750,000	1,837,000	5.7	6.0	6.3
Marriages ¹	209,000	249,000	8.0	9.6	1,374,000	1,468,000	6.7	7.2	2,071,000	2,167,000	6.8	7.1	7.4
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.4	3.5	3.6
Population base (in millions) . . . . .	...	...	307.1	304.7	...	...	...	...	...	...	305.9	303.5	301.3

... 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). 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.



Table B. Provisional number of live births, marriages, deaths, and infant deaths and rates, by month: United States, January 2008–August 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	109,000	4.3	224,000	8.7	2,500	6.9
February	338,000	14.1	68.7	70.2	140,000	5.8	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	162,000	6.5	206,000	8.3	2,200	6.4
May	355,000	13.8	67.5	68.5	209,000	8.1	201,000	7.8	2,400	6.6
June	349,000	14.0	68.5	67.1	237,000	9.5	190,000	7.6	2,200	6.4
July	376,000	14.6	71.4	70.0	214,000	8.3	191,000	7.4	2,300	6.2
August	373,000	14.5	70.9	68.0	249,000	9.6	191,000	7.4	2,400	6.5
September	369,000	14.8	72.4	68.4	199,000	8.0	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	149,000	5.9	200,000	8.0	2,200	6.5
December	351,000	13.5	66.6	68.1	143,000	5.5	213,000	8.2	2,200	6.3
2009										
January	339,000	13.0	64.4	67.7	124,000	4.8	222,000	8.6	2,300	6.6
February	317,000	13.5	66.7	68.2	125,000	5.3	201,000	8.6	2,100	6.6
March	348,000	13.4	66.2	66.8	146,000	5.6	216,000	8.3	2,300	6.6
April	337,000	13.4	66.3	67.6	163,000	6.5	202,000	8.0	2,300	6.8
May	345,000	13.3	65.7	66.7	177,000	6.8	200,000	7.7	2,300	6.5
June	347,000	13.8	68.3	66.9	215,000	8.5	192,000	7.6	2,200	6.2
July	369,000	14.2	70.2	68.7	216,000	8.3	195,000	7.5	2,100	5.8
August	360,000	13.8	68.4	65.6	209,000	8.0	190,000	7.3	2,300	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). 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](#).

List of Detailed Tables

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

[Data are estimates by state of residence]

Area	Live births					Deaths				
	August		January–August			August		January–August		
	2009	2008	2009	2008	2007	2009	2008	2009	2008	2007
Alabama	5,486	5,928	41,494	43,046	42,975	3,796	3,781	31,465	32,207	31,378
Alaska	948	1,009	7,656	7,650	7,315	304	295	2,398	2,312	2,307
Arizona	8,244	8,843	61,757	66,384	68,102	3,601	3,484	30,401	31,132	30,467
Arkansas	3,479	3,632	26,229	26,938	27,230	2,182	2,268	19,091	19,773	18,972
California	45,953	48,740	349,214	368,487	372,909	18,143	18,034	154,581	159,781	160,487
Colorado	5,995	6,095	46,178	47,436	47,512	2,475	2,451	20,539	21,268	20,094
Connecticut	3,348	3,563	26,549	27,416	28,018	2,282	2,192	19,140	19,537	19,125
Delaware	979	1,041	7,730	7,945	7,876	589	609	5,137	5,086	4,918
District of Columbia	586	678	5,211	5,245	5,150	402	400	3,330	3,448	3,460
Florida	19,159	20,218	146,047	153,779	158,307	13,513	13,206	115,086	115,236	113,608
Georgia	12,319	12,778	93,855	94,876	95,545	4,957	5,552	44,066	45,247	44,789
Hawaii	1,531	1,679	12,481	12,765	12,611	800	690	6,625	6,288	6,334
Idaho	2,098	2,160	16,036	17,276	16,944	924	873	7,397	7,451	7,299
Illinois	14,878	15,759	115,069	119,402	121,573	7,313	7,859	69,034	66,592	66,133
Indiana	7,549	7,832	58,060	59,688	60,131	4,324	4,014	36,809	36,973	36,291
Iowa	3,355	3,543	26,519	26,996	27,329	2,098	2,173	18,195	19,160	17,942
Kansas	3,570	3,698	27,550	27,761	28,284	1,800	1,918	15,733	16,812	16,257
Kentucky	4,987	5,182	38,150	38,968	39,519	3,135	3,157	27,156	27,558	26,533
Louisiana	5,360	5,694	41,749	42,426	43,181	3,015	3,114	26,337	27,027	25,649
Maine	1,143	1,224	9,156	9,320	9,572	1,011	969	8,305	8,404	8,418
Maryland	6,532	6,862	50,923	52,962	53,171	3,542	3,343	29,240	29,268	29,242
Massachusetts	6,560	6,738	50,162	51,947	52,521	4,232	4,120	36,029	35,521	35,603
Michigan	9,889	10,403	79,094	82,004	84,265	6,555	6,940	56,658	59,280	57,620
Minnesota	6,064	6,168	47,453	49,085	49,581	2,930	3,021	24,998	25,696	24,232
Mississippi	3,859	3,974	28,695	29,896	30,707	2,269	2,309	18,774	19,418	19,064
Missouri	6,757	7,199	52,297	54,587	54,663	4,353	4,289	36,414	38,544	36,402
Montana	1,061	1,067	8,355	8,525	8,299	692	666	5,805	5,925	5,741
Nebraska	2,377	2,348	17,992	18,038	18,200	1,204	1,250	9,916	10,447	10,132
Nevada	3,543	3,549	25,653	26,505	27,295	1,605	1,523	13,064	13,253	13,468
New Hampshire	1,267	1,240	9,417	9,595	9,769	823	829	6,773	6,894	6,802
New Jersey	9,474	9,802	74,010	75,640	77,630	5,418	5,366	45,480	47,357	46,045
New Mexico	2,515	2,701	19,224	20,007	20,159	1,201	1,231	10,188	10,724	10,246
New York	21,918	22,285	170,927	170,972	172,150	11,186	11,739	97,172	100,533	99,122
North Carolina	11,107	11,575	85,027	87,405	87,010	6,062	6,048	51,297	51,723	50,736
North Dakota	701	757	6,004	6,004	5,910	485	481	3,999	3,999	3,685
Ohio	12,456	12,912	97,399	100,083	101,353	8,497	8,349	71,030	73,602	70,821
Oklahoma	4,640	4,937	35,900	36,340	36,918	2,714	2,866	23,408	24,922	24,123
Oregon	4,064	4,228	31,867	33,149	33,099	2,529	2,594	20,976	21,491	19,334
Pennsylvania	13,083	13,058	98,507	100,390	100,281	9,597	9,590	83,048	85,949	84,073
Rhode Island	1,032	945	7,770	8,064	8,566	755	793	6,251	6,677	6,625
South Carolina	5,199	5,505	40,696	41,858	41,641	3,187	3,208	25,020	25,512	24,617
South Dakota	972	974	8,106	8,228	8,329	523	564	4,507	4,678	4,467
Tennessee	7,130	7,473	54,523	57,160	57,184	4,567	4,604	38,281	39,196	38,069
Texas	35,756	35,744	266,130	267,337	265,101	12,753	12,652	107,825	110,323	105,981
Utah	4,589	4,851	36,619	37,947	37,405	1,192	1,120	9,514	9,415	9,439
Vermont	533	513	4,176	4,329	4,386	395	410	3,303	3,363	3,453
Virginia	9,059	9,351	70,079	71,761	72,827	4,605	4,715	38,919	39,267	38,772
Washington	7,888	7,949	60,511	61,515	60,092	3,795	3,676	32,198	32,903	31,598
West Virginia	1,876	1,844	14,054	14,059	14,435	1,682	1,633	14,106	14,400	13,759
Wisconsin	6,026	6,369	48,170	49,071	49,217	3,618	3,574	30,268	31,259	30,600
Wyoming	641	703	5,262	5,416	5,371	342	326	2,794	2,753	2,852
Puerto Rico	3,884	4,206	28,388	29,346	29,988	2,235	2,293	19,454	19,164	19,300

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 2008 and 2009, and cumulative figures, 2007–2009

[By state of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	August		January–August			August		January–August		
	2009 ¹	2008 ²	2009 ¹	2008 ²	2007 ²	2009 ¹	2008 ²	2009 ¹	2008 ²	2007 ²
Alabama	3,199	3,885	24,699	27,941	28,821	1,879	1,661	13,678	13,830	14,854
Alaska	701	876	3,866	4,200	4,150	426	231	2,105	2,019	2,090
Arizona ³	2,356	2,673	23,608	25,761	27,385	1,890	2,023	15,766	15,923	16,412
Arkansas	2,615	3,104	21,506	22,332	23,539	1,417	1,358	10,974	10,891	11,534
California	20,341	26,614	149,238	169,540	162,164	---	---	---	---	---
Colorado	5,323	5,055	24,800	25,107	23,463	1,756	1,720	14,015	14,046	14,171
Connecticut	2,032	2,526	10,511	12,199	12,592	703	875	6,871	7,671	7,685
Delaware	356	559	3,080	3,128	3,296	328	257	2,055	2,050	2,164
District of Columbia	156	247	1,206	1,612	1,654	100	70	904	1,025	624
Florida	11,015	12,586	98,101	101,635	106,906	7,159	5,597	52,765	53,979	58,484
Georgia	5,939	6,581	42,829	39,181	44,924	---	---	---	---	---
Hawaii	2,281	2,883	15,504	17,691	18,503	---	---	---	---	---
Idaho	1,806	2,133	9,305	10,260	10,582	604	655	5,036	4,977	4,988
Illinois	7,606	8,252	46,355	48,978	49,369	2,796	2,401	22,166	21,451	22,293
Indiana	5,106	4,811	33,486	32,290	29,925	---	---	---	---	---
Iowa	2,871	2,672	14,048	13,169	13,150	649	624	5,010	5,177	5,033
Kansas	1,958	1,850	11,837	10,955	11,407	813	886	6,255	5,829	5,314
Kentucky	3,367	3,572	22,867	22,637	22,758	1,343	1,723	13,099	13,352	13,517
Louisiana	2,751	1,854	20,902	21,115	21,648	---	---	---	---	---
Maine	1,360	2,039	5,499	6,642	6,515	438	451	2,762	3,736	3,787
Maryland	3,077	3,821	20,765	22,149	24,181	1,122	1,204	9,730	10,621	11,237
Massachusetts	3,811	5,203	24,026	23,494	24,162	1,723	877	9,977	9,120	10,190
Michigan	7,098	9,202	34,606	37,739	38,321	2,617	2,657	21,306	22,678	23,591
Minnesota	3,394	4,052	18,299	18,563	19,910	---	---	---	---	---
Mississippi	1,499	1,362	10,137	10,500	10,969	1,184	1,097	8,113	8,688	9,045
Missouri	3,273	4,231	27,505	26,388	26,500	2,211	1,879	15,313	14,702	14,973
Montana	1,081	1,265	4,991	5,454	5,248	222	323	2,354	2,366	2,702
Nebraska	1,547	1,676	9,127	8,552	8,360	610	499	3,820	3,964	4,071
Nevada	10,306	11,254	73,911	76,964	87,924	1,527	1,369	11,936	11,269	11,030
New Hampshire	1,137	1,553	5,337	5,954	6,026	465	403	3,435	3,419	3,487
New Jersey	3,679	5,689	30,089	30,558	30,107	1,891	1,753	16,383	17,783	17,823
New Mexico ⁴	550	772	6,870	5,913	7,971	384	707	5,294	5,702	5,967
New York ³	11,804	16,477	73,178	86,296	88,189	3,341	4,055	26,122	36,245	39,465
North Carolina	6,677	6,677	42,025	42,964	42,513	2,976	2,976	23,986	24,484	25,076
North Dakota	576	661	2,796	2,969	2,926	150	169	1,113	1,318	1,298
Ohio	6,899	9,346	38,133	45,938	46,850	3,445	3,096	24,341	26,392	26,696
Oklahoma	1,984	2,515	15,702	17,680	18,317	1,472	1,594	10,806	12,992	12,674
Oregon	3,839	4,824	14,276	18,499	18,531	1,026	1,221	8,633	10,025	9,950
Pennsylvania	8,034	8,034	42,039	47,795	49,672	2,888	2,888	17,425	23,008	23,672
Rhode Island	717	993	3,830	4,235	4,418	234	234	2,022	1,913	2,031
South Carolina	1,564	3,204	19,919	22,542	23,830	509	994	7,570	8,526	8,873
South Dakota	776	864	3,978	4,269	4,364	234	186	1,742	1,586	1,634
Tennessee	4,978	5,629	31,542	39,231	41,970	2,845	2,253	17,409	18,053	18,711
Texas	16,492	18,426	125,786	126,147	120,200	7,628	6,546	55,755	53,910	53,895
Utah	3,562	3,562	16,657	16,657	17,968	1,199	825	6,543	6,707	6,491
Vermont	357	959	2,130	3,318	3,539	166	164	1,359	1,440	1,507
Virginia	5,293	6,394	35,768	37,764	39,438	2,428	2,534	19,104	19,636	19,853
Washington	5,451	7,762	26,607	29,690	28,664	1,193	2,151	16,242	17,232	17,718
West Virginia	1,375	1,661	7,884	8,763	9,132	698	727	6,045	5,892	6,394
Wisconsin	4,175	4,958	19,323	20,809	21,222	1,427	1,367	11,735	11,393	11,059
Wyoming	815	770	3,383	3,400	3,440	345	257	2,084	1,784	1,775
Puerto Rico	1,375	1,457	12,356	12,870	14,549	1,222	1,080	9,907	9,948	10,610

--- Data not available.

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