

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

Table A. Provisional vital statistics for the United States, May 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	May				January–May				12 months ending with May				
	Number		Rate		Number		Rate		Number		Rate		
	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2007
Live births	345,000	355,000	13.3	13.8	1,686,000	1,746,000	13.3	13.8	4,188,000	4,318,000	13.7	14.2	14.3
Fertility rate . . . . .	...	...	65.6	67.5	...	...	65.9	67.7	...	...	67.4	69.2	69.3
Deaths	199,000	201,000	7.6	7.8	1,048,000	1,084,000	8.3	8.6	2,416,000	2,455,000	7.9	8.1	8.0
Infant deaths	2,200	2,400	6.4	6.6	11,400	11,800	6.7	6.7	27,100	28,400	6.5	6.6	6.6
Natural increase	146,000	154,000	5.7	6.0	638,000	662,000	5.0	5.2	1,772,000	1,863,000	5.8	6.1	6.3
Marriages ¹	174,000	176,000	6.7	6.9	737,000	744,000	5.8	5.9	2,155,000	2,156,000	7.0	7.1	7.4
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.4	3.5	3.7
Population base													
(in millions) . . . . .	...	...	306.3	304.0	...	...	...	...	...	...	305.8	303.5	300.3

... 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–May 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	338,000	13.0	64.4	67.6	125,000	4.8	222,000	8.6	2,400	6.8
February	318,000	13.5	66.9	68.4	128,000	5.4	206,000	8.8	2,100	6.7
March	348,000	13.4	66.2	66.8	147,000	5.7	219,000	8.4	2,300	6.6
April	338,000	13.4	66.5	67.7	163,000	6.5	202,000	8.0	2,300	6.8
May	345,000	13.3	65.6	66.5	174,000	6.7	199,000	7.6	2,200	6.4

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), May (vol. 48, no. 2), and May (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, May 2008 and 2009, and cumulative figures, 2007–2009

[Data are estimates by state of residence]

Area	Live births					Deaths				
	May		January–May			May		January–May		
	2009	2008	2009	2008	2007	2009	2008	2009	2008	2007
Alabama	4,997	5,083	25,130	26,359	26,225	3,922	3,908	20,085	21,012	20,222
Alaska	963	956	4,644	4,632	4,439	294	302	1,484	1,456	1,434
Arizona	7,470	8,123	38,041	40,968	41,101	3,685	3,786	19,543	20,688	19,919
Arkansas	3,050	3,229	15,815	16,572	16,557	2,380	2,355	12,372	12,953	12,263
California	42,882	45,859	213,732	226,169	224,777	18,835	18,834	105,421	105,428	103,708
Colorado	6,021	6,157	28,289	29,067	29,047	2,592	2,691	13,314	13,929	13,022
Connecticut	3,404	3,480	16,239	16,809	17,105	2,282	2,405	12,282	12,825	12,588
Delaware	1,029	1,014	4,788	4,894	4,743	639	617	3,292	3,211	3,165
District of Columbia	691	651	3,082	3,292	3,128	421	447	2,062	2,225	2,240
Florida	17,863	18,651	90,025	95,408	96,814	14,097	14,436	74,408	75,364	73,822
Georgia	11,513	11,615	57,401	58,008	58,283	5,684	5,595	27,580	29,046	27,801
Hawaii	1,571	1,557	7,867	7,801	7,747	823	788	4,178	4,096	3,987
Idaho	2,028	2,243	9,772	10,696	10,301	993	962	4,671	4,799	4,571
Illinois	14,312	15,047	69,645	73,058	73,489	8,390	8,069	43,945	43,060	42,568
Indiana	7,320	7,391	35,595	36,740	36,424	4,242	4,661	22,358	24,699	23,588
Iowa	3,497	3,531	16,427	16,562	16,479	2,274	2,332	11,805	12,646	11,749
Kansas	3,375	3,415	16,778	17,001	17,142	1,974	1,977	10,232	11,176	10,455
Kentucky	4,689	4,680	23,248	23,751	24,143	3,345	3,422	17,562	18,058	17,187
Louisiana	4,972	5,228	25,299	25,555	26,137	3,355	3,305	17,817	17,634	16,367
Maine	1,165	1,201	5,574	5,708	5,857	1,025	997	5,355	5,460	5,434
Maryland	6,422	6,710	31,154	32,737	32,583	3,497	3,630	18,811	19,085	18,953
Massachusetts	6,475	6,768	30,352	31,859	31,655	4,375	4,334	23,778	23,732	23,346
Michigan	10,178	10,581	48,303	50,766	51,680	7,159	7,207	36,760	38,699	37,155
Minnesota	6,239	6,364	29,050	30,353	30,257	3,033	3,148	16,166	16,755	15,518
Mississippi	3,446	3,544	17,362	18,236	18,696	2,372	2,327	12,001	12,657	12,232
Missouri	6,617	6,802	31,801	33,404	33,001	4,511	4,580	23,333	25,691	23,513
Montana	1,068	1,146	5,103	5,242	5,077	758	723	3,749	3,780	3,643
Nebraska	2,321	2,236	10,927	11,017	11,029	1,179	1,312	6,400	6,903	6,636
Nevada	3,068	3,302	15,353	16,192	16,547	1,592	1,634	8,188	8,693	8,702
New Hampshire	1,183	1,266	5,703	5,846	5,940	813	830	4,323	4,428	4,370
New Jersey	9,444	9,638	45,173	46,539	47,088	5,288	5,808	28,823	31,067	28,583
New Mexico	2,388	2,484	11,660	12,114	12,224	1,260	1,279	6,605	7,140	6,624
New York	21,498	21,809	104,173	105,114	104,650	11,950	12,282	62,862	65,700	64,317
North Carolina	10,551	10,640	52,236	53,565	53,094	6,317	6,253	32,973	33,674	32,837
North Dakota	792	800	3,714	3,632	3,613	518	453	2,589	2,587	2,348
Ohio	12,205	12,775	59,695	61,842	61,719	8,558	8,858	45,860	48,248	45,941
Oklahoma	4,419	4,423	21,980	22,186	22,317	2,797	2,862	15,097	16,429	15,453
Oregon	4,089	4,401	19,412	20,374	20,152	2,634	2,685	13,280	13,775	12,681
Pennsylvania	12,608	12,586	61,641	61,788	61,165	10,316	10,312	56,217	56,875	54,972
Rhode Island	986	1,043	4,742	5,086	5,262	764	792	3,982	4,396	4,287
South Carolina	4,972	5,063	24,946	25,775	25,615	3,008	2,702	15,833	16,276	16,051
South Dakota	1,038	1,068	4,962	5,117	5,108	604	587	2,947	3,062	2,892
Tennessee	6,670	7,012	33,138	35,197	34,411	4,793	4,869	24,492	25,586	24,535
Texas	32,391	32,643	160,378	162,969	161,694	13,388	13,374	69,011	72,314	68,647
Utah	4,816	4,953	22,446	23,022	22,746	1,193	1,109	5,988	6,088	6,048
Vermont	532	569	2,553	2,672	2,695	390	450	2,127	2,171	2,244
Virginia	9,021	8,837	42,956	44,371	44,459	4,708	4,639	24,909	25,249	24,876
Washington	7,831	7,947	36,803	37,545	36,564	3,925	4,274	20,487	21,563	20,189
West Virginia	1,713	1,705	8,502	8,679	8,719	1,710	1,792	9,130	9,421	8,918
Wisconsin	6,288	6,211	29,458	30,178	29,850	3,823	3,802	19,513	20,517	19,765
Wyoming	687	704	3,217	3,293	3,293	348	329	1,745	1,746	1,812
Puerto Rico	3,390	3,591	17,476	17,881	18,491	2,480	2,409	12,158	12,337	12,301

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, May 2008 and 2009, and cumulative figures, 2007–2009

[By state of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	May		January–May			May		January–May		
	2009 ¹	2008 ¹	2009 ¹	2008 ¹	2007 ²	2009 ¹	2008 ¹	2009 ¹	2008 ¹	2007 ²
Alabama	3,664	3,398	13,585	13,425	16,585	1,839	1,781	8,338	7,961	9,175
Alaska	302	397	1,755	1,902	1,723	227	343	1,152	1,196	1,323
Arizona ³	3,532	3,212	15,409	16,772	17,253	2,037	2,183	10,044	9,781	9,914
Arkansas	3,073	2,714	12,333	10,523	13,356	1,425	1,480	6,786	6,608	7,288
California	17,548	21,451	83,963	86,596	89,688	---	---	---	---	---
Colorado	1,219	2,305	10,638	15,525	11,025	1,697	1,688	8,399	8,656	8,742
Connecticut	1,214	1,810	4,232	5,520	5,633	1,101	899	4,166	4,715	4,836
Delaware	976	521	2,275	2,322	1,682	288	293	1,031	1,260	1,399
District of Columbia	156	252	630	866	850	91	108	400	563	356
Florida	12,000	14,046	60,986	62,781	65,824	7,000	6,000	32,508	35,928	36,227
Georgia	5,853	4,289	25,461	20,441	26,800	---	---	---	---	---
Hawaii	2,067	2,287	8,730	9,100	10,662	---	---	---	---	---
Idaho	903	897	4,560	4,566	4,814	638	631	3,077	2,702	3,159
Illinois	6,045	6,730	22,090	23,808	23,304	3,042	2,627	13,377	12,992	13,271
Indiana	4,726	4,411	18,176	16,858	14,176	---	---	---	---	---
Iowa	1,811	1,421	5,475	5,133	5,606	564	638	3,010	2,746	3,105
Kansas	1,388	1,434	5,961	5,937	5,043	414	764	3,852	4,128	2,977
Kentucky	2,696	2,388	11,877	11,601	11,906	1,743	1,893	8,327	9,627	8,278
Louisiana	3,095	3,095	15,444	15,444	13,305	---	---	---	---	---
Maine	470	454	1,775	1,590	2,078	398	404	1,314	1,420	2,348
Maryland	3,278	3,450	10,992	10,530	12,155	1,381	1,262	5,751	5,691	7,185
Massachusetts	2,692	2,448	12,713	9,710	10,623	1,043	202	6,327	5,785	6,208
Michigan	4,483	4,261	13,861	13,038	15,564	2,827	2,833	13,077	13,795	14,778
Minnesota	2,301	2,361	7,355	7,911	8,027	---	---	---	---	---
Mississippi	1,093	1,719	5,348	6,460	6,243	970	1,089	4,700	5,566	5,510
Missouri	3,544	3,264	15,213	13,412	13,385	2,135	1,851	9,261	9,021	9,241
Montana	487	516	1,872	1,766	1,903	519	300	1,549	1,378	1,709
Nebraska	1,337	1,702	4,188	4,260	3,864	564	579	2,469	2,510	2,550
Nevada	9,142	9,866	44,023	45,857	51,442	1,484	1,500	7,277	6,992	6,777
New Hampshire	614	650	2,141	2,257	2,316	335	404	2,116	2,068	2,218
New Jersey	3,128	3,444	15,265	13,979	14,979	2,108	2,325	10,196	11,535	11,205
New Mexico ⁴	647	664	4,757	3,573	4,435	594	698	3,395	3,544	3,786
New York ³	8,968	9,507	38,922	46,206	43,089	4,340	4,064	14,780	19,226	24,540
North Carolina	5,479	3,172	20,862	15,214	22,861	3,480	3,041	14,424	14,069	15,648
North Dakota	274	274	1,066	1,124	1,098	134	173	662	780	795
Ohio	5,917	4,957	18,082	18,866	21,271	3,641	3,160	14,863	16,684	16,549
Oklahoma	2,408	2,312	8,524	9,340	9,783	1,246	1,634	6,363	7,961	7,819
Oregon	1,481	1,419	5,570	7,379	7,429	1,370	1,256	5,278	6,248	6,039
Pennsylvania	7,420	7,420	22,554	23,532	24,554	2,889	2,889	12,668	14,213	14,403
Rhode Island	621	636	1,735	1,696	1,731	242	276	1,369	1,297	1,298
South Carolina	4,151	2,609	11,208	8,016	13,206	1,082	1,215	4,585	4,465	5,584
South Dakota	463	502	1,537	1,710	1,699	215	225	1,008	976	994
Tennessee	3,531	4,398	16,774	23,561	23,310	1,692	1,413	10,169	11,409	11,785
Texas	14,110	13,369	74,268	69,760	70,887	6,638	6,175	34,859	31,977	33,529
Utah	2,578	1,973	8,282	7,096	9,391	949	599	3,646	3,496	4,136
Vermont	175	188	1,054	1,059	1,171	174	171	862	1,000	990
Virginia	5,413	5,581	18,952	20,475	20,809	2,502	2,541	11,606	12,018	12,047
Washington	2,527	2,713	12,029	12,548	11,982	2,329	2,652	10,507	10,736	10,798
West Virginia	913	823	3,834	3,255	4,284	509	809	3,734	3,577	4,122
Wisconsin	2,211	2,367	7,494	7,971	8,572	1,190	1,319	7,042	7,598	7,069
Wyoming	304	319	1,130	1,371	1,366	322	224	1,284	1,093	1,106
Puerto Rico	1,313	1,392	6,907	7,584	8,603	1,261	1,440	6,377	6,299	6,946

--- 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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