

Births, Marriages, Divorces, and Deaths: Provisional Data for August 2003

NOTE: Detailed tables on births, deaths, marriages and divorces that were previously available only in the NCHS Web site's "Data Warehouse" (<http://www.cdc.gov/nchs/datawh.htm>) are now included in this report.

Table A. Provisional vital statistics for the United States, August 2003

[Rates for infant deaths are deaths under 1 year per 1,000 live births; fertility rates are live births per 1,000 women ages 15–44 years; all other rates are per 1,000 total population. 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		
	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2001
Live births	360,000	360,000	14.5	14.7	2,709,000	2,679,000	14.0	14.0	4,052,000	4,017,000	14.0	14.0	14.3
Fertility rate . . . . .	...	...	68.1	68.3	...	...	65.5	64.9	...	...	65.2	64.8	65.7
Deaths	186,000	190,000	7.5	7.8	1,590,000	1,632,000	8.2	8.5	2,396,000	2,433,000	8.3	8.5	8.4
Infant deaths	2,100	2,200	5.9	6.4	17,900	18,600	6.6	7.0	26,900	27,800	6.6	6.9	6.7
Natural increase	174,000	170,000	7.0	6.9	1,119,000	1,047,000	5.8	5.5	1,656,000	1,584,000	5.7	5.5	5.9
Marriages ¹	214,000	235,000	8.6	9.6	1,447,000	1,502,000	7.5	7.8	2,199,000	2,272,000	7.6	7.9	8.3
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.8	4.0	4.0
Population base (in millions) . . . . .	...	...	291.7	288.6	...	...	...	...	...	...	290.4	287.3	284.3

... Category not applicable.

--- Data not available.

¹Marriage rates may be underestimated due to incomplete reporting in Oklahoma; see "Technical Notes."

²Divorce rates exclude data for California, Hawaii, Indiana, Louisiana, and Oklahoma. Populations for these 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 A and B provide monthly, year-to-date, and 12-month ending counts and rates for births, deaths, and marriages and 12-month ending rates for divorces. Tables 1–3 present monthly and year-to-date counts of births, deaths, marriages, and divorces and 12-month ending counts and rates of infant deaths as reported by each State. Mortality data exclude fetal deaths. Delay in the receipt of certificates in a registration office 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 received. Data for previous months include revisions States might have provided to correct for delayed reporting; therefore, figures may differ from those previously published. Totals for births, deaths, and infant deaths are by State of residence and, therefore, in effect, exclude events to nonresidents of the United States. The effect of excluding events to nonresidents from the U.S. totals is small. Events to nonresidents of the United States are included in all marriage and divorce figures. Divorce figures include reported annulments.

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

Table B. Provisional number of live births, marriages, deaths, and infant deaths and rates, by month: United States, January 2002–August 2003

[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 ages 15–44 years		Number	Rate per 1,000 population ²	Number	Rate per 1,000 population	Number	Rate per 1,000 live births
			Unadjusted	Seasonally adjusted ¹						
2002:										
January	331,000	13.6	62.9	65.8	113,000	4.6	226,000	9.3	2,400	7.2
February	305,000	13.8	64.1	65.2	152,000	6.9	209,000	9.5	2,200	7.2
March	332,000	13.6	63.1	64.6	156,000	6.4	226,000	9.3	2,500	7.3
April	325,000	13.8	63.8	64.6	172,000	7.3	200,000	8.4	2,400	7.3
May	340,000	13.9	64.5	64.9	211,000	8.6	200,000	8.2	2,400	6.9
June	328,000	13.9	64.4	63.5	227,000	9.6	188,000	7.9	2,300	6.9
July	358,000	14.6	68.0	65.1	237,000	9.7	193,000	7.9	2,300	6.4
August	360,000	14.7	68.3	65.9	235,000	9.6	190,000	7.8	2,200	6.4
September	349,000	14.7	68.5	64.8	216,000	9.1	190,000	8.0	2,200	6.4
October	346,000	14.1	65.7	66.2	214,000	8.7	200,000	8.2	2,300	6.8
November	318,000	13.4	62.3	64.7	157,000	6.6	201,000	8.4	2,200	6.7
December	330,000	13.4	62.5	63.0	165,000	6.7	215,000	8.7	2,300	6.9
2003:										
January	330,000	13.4	62.6	65.4	141,000	5.7	221,000	9.0	2,300	7.0
February	307,000	13.8	64.4	65.5	146,000	6.6	203,000	9.1	2,200	7.0
March	336,000	13.6	63.7	65.2	154,000	6.2	208,000	8.4	2,300	6.9
April	331,000	13.9	64.8	65.6	168,000	7.0	192,000	8.0	2,200	6.6
May	346,000	14.0	65.4	65.8	178,000	7.2	196,000	7.9	2,300	6.6
June	337,000	14.1	65.9	65.0	226,000	9.5	195,000	8.1	2,300	6.9
July	362,000	14.6	68.6	65.6	221,000	8.9	189,000	7.6	2,300	6.3
August	360,000	14.5	68.1	65.7	214,000	8.6	186,000	7.5	2,100	5.9

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).

²Marriage rates may be underestimated due to incomplete reporting in Oklahoma; see "Technical Notes."

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served to compensate for delays in reporting. Beginning with data for January 1998, these monthly corrections for births, marriages, and divorces have been dropped. Further information on these changes has been provided in the National Vital Statistics Reports presenting provisional data for January, February, and March 1999 (vol. 48, nos. 1, 2, and 4, respectively) available at <http://www.cdc.gov/nchs>.

Moreover, the National Center for Health Statistics (NCHS) 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, Hawaii, Indiana, Louisiana, and Oklahoma). 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 dropped 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 3](#).

Marriage and divorce counts for Oklahoma are not included in [table 3](#) showing provisional data by State because of incomplete reporting. For the purpose of calculating 12-month divorce rates shown in [table A](#), Oklahoma is treated as a nonreporting State (see earlier discussion). Since all other States report marriages, marriage rates shown in [tables A](#) and [B](#) include Oklahoma data. The impact of the missing marriages on the national rate is negligible (estimated at less than 1 percent).

Population estimates used for computing rates originate from the U.S. Census Bureau and are based on the 2000 census. 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 45 reporting States and the District of Columbia. Because monthly infant mortality rates are based on relatively few events, they are highly variable, and comparisons of monthly infant mortality rates should be interpreted cautiously.

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Table 1. Provisional number of live births and deaths: Each State, August 2002 and 2003, and cumulative figures, 2001–2003

[Data are estimates by State of residence]

Area	Live births					Deaths				
	August		January–August			August		January–August		
	2003	2002	2003	2002	2001	2003	2002	2003	2002	2001
Alabama	5,136	5,203	38,738	38,989	40,423	3,640	3,499	30,650	30,729	30,239
Alaska	900	918	6,747	6,685	6,757	260	266	2,132	2,036	1,918
Arizona	8,203	7,960	59,409	57,230	56,394	3,362	3,202	28,738	28,966	27,497
Arkansas	3,381	3,305	25,044	25,088	24,761	2,153	2,253	18,160	19,010	18,727
California	47,577	46,976	358,364	347,925	349,868	15,480	17,886	138,300	157,373	157,446
Colorado	6,046	6,022	46,800	46,004	44,914	2,303	2,256	19,332	19,516	18,771
Connecticut	3,812	3,820	28,976	28,536	29,182	2,312	2,334	18,983	19,740	20,025
Delaware	947	1,018	7,653	7,392	7,274	552	564	4,742	4,616	4,859
District of Columbia	661	664	4,930	5,063	5,168	410	435	3,654	3,762	3,946
Florida	18,644	18,510	137,886	134,817	135,167	13,095	13,072	112,947	113,294	112,977
Georgia	12,132	12,050	89,673	88,817	88,843	5,050	5,138	43,662	43,877	43,399
Hawaii	1,517	1,485	11,756	11,384	11,175	727	723	5,865	5,933	5,695
Idaho	1,927	1,850	14,614	14,110	14,039	805	780	6,795	6,634	6,631
Illinois	17,242	16,161	121,676	120,972	123,774	7,938	8,431	68,943	70,833	70,255
Indiana	7,508	7,620	56,925	56,948	58,320	4,255	4,351	36,320	36,906	36,645
Iowa	3,327	3,315	25,486	25,230	25,210	2,134	2,098	18,424	18,536	18,455
Kansas	3,586	3,640	27,127	26,817	26,626	1,919	1,915	16,184	16,959	16,761
Kentucky	4,876	4,900	36,195	35,964	36,503	3,145	3,112	26,413	27,382	26,627
Louisiana	5,802	5,923	42,218	42,508	42,835	3,402	3,341	28,117	28,085	28,234
Maine	1,242	1,297	9,241	9,132	9,342	937	1,042	8,208	8,567	8,356
Maryland	6,669	6,532	49,954	49,211	48,931	3,462	3,481	29,430	29,463	29,351
Massachusetts	6,845	7,266	53,697	54,656	55,125	3,453	4,391	36,413	37,957	38,095
Michigan	11,503	11,421	88,141	87,622	90,475	6,844	7,092	57,131	58,644	58,019
Minnesota	6,199	6,077	47,038	45,740	45,858	2,901	2,997	24,702	25,562	25,305
Mississippi	3,293	3,739	27,004	27,337	27,738	1,998	2,244	17,791	19,193	19,101
Missouri	6,646	6,665	50,512	49,606	49,700	4,359	4,394	36,372	37,327	36,394
Montana	980	969	7,675	7,452	7,497	699	644	5,582	5,589	5,468
Nebraska	2,213	2,274	17,129	16,786	16,496	1,216	1,189	10,068	10,330	9,988
Nevada	2,931	3,009	22,095	21,709	20,916	1,328	1,369	11,378	11,284	10,710
New Hampshire	1,270	1,305	9,757	9,823	9,689	775	787	6,339	6,595	6,590
New Jersey	10,138	10,264	77,907	76,716	78,032	5,376	5,527	49,913	49,302	49,409
New Mexico	2,438	2,513	18,403	18,460	18,085	1,167	1,097	9,623	9,633	9,276
New York	22,752	22,864	173,860	172,513	170,489	12,489	12,488	104,028	105,533	105,108
North Carolina	10,349	10,486	77,874	78,190	78,633	5,753	5,634	48,062	47,767	47,350
North Dakota	719	679	5,323	5,176	5,174	520	470	4,050	3,876	3,965
Ohio	13,338	13,332	97,254	99,729	102,319	8,636	8,634	71,675	73,396	72,842
Oklahoma	4,421	4,440	33,593	33,369	33,009	2,460	2,811	22,676	23,697	23,337
Oregon	3,924	4,062	30,920	30,400	30,536	2,487	2,503	20,463	20,917	19,991
Pennsylvania	12,457	12,637	94,013	95,319	96,974	9,970	10,173	85,544	86,420	86,929
Rhode Island	1,072	1,077	8,469	8,546	8,418	795	750	6,666	6,891	6,725
South Carolina	4,833	4,938	36,687	36,234	37,099	3,014	2,870	25,182	24,963	24,563
South Dakota	1,013	958	7,521	7,316	7,157	581	541	4,670	4,685	4,635
Tennessee	6,859	6,899	51,887	51,661	52,353	4,415	4,430	37,123	37,372	36,627
Texas	33,562	33,581	248,529	244,535	240,990	11,927	11,790	101,247	104,230	103,106
Utah	4,192	4,382	33,750	33,323	32,698	1,055	1,037	8,745	8,754	8,335
Vermont	592	636	4,473	4,425	4,465	397	407	3,267	3,315	3,500
Virginia	8,883	8,889	66,931	66,398	66,022	4,456	4,400	37,944	38,329	37,514
Washington	6,966	6,971	54,090	53,346	54,243	3,940	3,680	30,010	30,330	29,799
West Virginia	1,850	1,813	13,728	13,666	13,638	1,708	1,675	13,663	13,900	14,158
Wisconsin	6,136	6,065	46,963	46,001	46,684	3,596	3,672	30,562	30,963	31,198
Wyoming	599	623	4,464	4,360	4,177	359	337	2,708	2,829	2,699
Puerto Rico	4,171	4,752	32,325	33,960	36,268	2,401	2,302	18,834	18,544	18,859

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 deaths under 1 year and infant mortality rates: Each State, 12 months ending with August 2002 and 2003

[Data are estimates by State of residence. Infant mortality rates are deaths under 1 year per 1,000 live births in specified area]

Area	12 months ending with August			
	2003		2002	
	Number	Rate	Number	Rate
Alabama	504	8.6	525	8.9
Alaska	59	5.9	64	6.4
Arizona	601	6.7	553	6.4
Arkansas	315	8.3	348	9.2
California	2,603	4.8	2,845	5.4
Colorado	399	5.8	419	6.2
Connecticut	217	5.0	237	5.6
Delaware	107	9.4	92	8.4
District of Columbia	68	9.1	83	10.8
Florida	1,562	7.5	1,565	7.6
Georgia	1,073	8.0	1,185	8.9
Hawaii	125	7.0	102	5.9
Idaho	135	6.3	140	6.8
Illinois	1,365	7.5	1,287	7.1
Indiana	605	7.1	657	7.7
Iowa	200	5.3	199	5.3
Kansas	250	6.2	307	7.6
Kentucky	351	6.4	341	6.3
Louisiana	596	9.2	670	10.3
Maine	71	5.2	64	4.7
Maryland	636	8.6	585	8.0
Massachusetts	337	4.2	397	4.9
Michigan	1,082	8.3	1,058	8.1
Minnesota	350	5.0	334	5.0
Mississippi	418	10.2	433	10.4
Missouri	594	7.9	608	8.2
Montana	82	7.3	77	7.0
Nebraska	174	6.8	179	7.1
Nevada	194	5.9	199	6.2
New Hampshire	45	3.1	84	5.7
New Jersey	675	5.8	669	5.9
New Mexico	156	5.6	174	6.3
New York	1,610	6.2	1,621	6.3
North Carolina	893	7.6	974	8.3
North Dakota	52	6.6	57	7.4
Ohio	1,142	7.8	1,185	8.0
Oklahoma	355	7.0	399	7.9
Oregon	274	6.0	260	5.8
Pennsylvania	1,048	7.5	1,039	7.3
Rhode Island	73	5.8	88	7.0
South Carolina	516	9.4	480	8.8
South Dakota	79	7.2	73	6.7
Tennessee	656	8.4	693	8.9
Texas	2,320	6.2	2,230	6.0
Utah	249	5.0	268	5.5
Vermont	31	4.8	24	3.7
Virginia	697	7.0	753	7.6
Washington	349	4.4	457	5.8
West Virginia	162	7.9	167	8.2
Wisconsin	438	6.3	475	6.9
Wyoming	52	7.9	58	9.2
Puerto Rico	455	8.9	508	9.5

NOTE: Figures include all revisions received from the States and, therefore, may differ from those previously published; see "Technical Notes."

Table 3. Provisional number of marriages and divorces: Each State, August 2002 and 2003, and cumulative figures, 2001–2003

[By State of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	August		January–August			August		January–August		
	2003	2002	2003	2002	2001	2003	2002	2003	2002	2001
Alabama	4,375	4,436	28,389	28,894	28,270	2,271	2,058	15,534	17,305	16,558
Alaska	569	272	3,757	2,781	3,727	258	98	2,299	1,272	1,814
Arizona ¹	2,132	2,491	21,187	24,996	27,512	625	2,276	13,254	17,783	15,937
Arkansas	3,049	3,449	24,529	25,847	25,914	1,504	1,374	11,005	10,504	11,443
California	23,315	19,251	145,418	141,020	159,173	---	---	---	---	---
Colorado	4,466	4,005	25,775	23,323	24,197	1,444	1,779	12,597	14,124	14,056
Connecticut	2,046	1,865	10,839	10,724	11,808	842	867	6,820	6,520	7,324
Delaware	169	386	2,902	2,970	3,133	86	156	1,734	1,740	2,214
District of Columbia	322	333	2,055	2,061	2,975	36	94	365	497	1,221
Florida	12,014	11,720	106,669	112,284	107,884	7,007	7,018	56,130	57,166	57,925
Georgia	6,890	5,687	37,354	39,139	31,384	3,492	2,529	24,370	21,111	17,252
Hawaii	2,325	2,318	17,896	16,866	16,116	---	472	---	2,850	3,196
Idaho	1,503	1,920	9,698	9,340	9,697	518	555	4,769	4,685	4,699
Illinois	8,490	8,710	53,148	53,925	60,859	2,839	3,278	23,156	24,966	27,479
Indiana	3,082	4,966	29,486	30,353	30,345	---	---	---	---	---
Iowa	2,651	2,456	13,614	12,554	14,069	734	797	5,135	5,748	6,368
Kansas	2,571	2,761	12,974	13,042	12,973	664	893	5,917	7,071	5,829
Kentucky	2,917	2,745	25,396	24,037	23,616	1,468	1,886	13,969	14,395	14,098
Louisiana	3,475	3,405	26,888	25,254	25,802	---	---	---	---	---
Maine	1,557	1,672	6,386	6,296	7,197	827	440	3,750	2,694	4,067
Maryland	3,904	4,020	24,292	24,748	24,540	1,174	1,988	10,496	11,501	9,647
Massachusetts	2,300	3,988	20,956	21,902	25,316	3,190	2,090	10,298	11,729	10,644
Michigan	7,404	7,103	41,307	41,562	41,958	3,045	3,206	25,125	25,077	26,569
Minnesota	4,925	4,453	21,142	20,229	21,706	1,310	1,495	10,079	10,189	10,356
Mississippi	1,639	1,796	12,046	13,055	12,905	869	1,182	9,071	9,473	9,730
Missouri	3,814	4,606	27,902	28,118	28,239	1,971	2,032	14,942	15,238	15,906
Montana	1,072	1,010	4,636	4,464	4,669	248	200	1,888	1,571	2,498
Nebraska	1,269	1,326	8,596	9,215	9,498	400	459	4,111	4,283	4,050
Nevada	11,371	12,357	94,026	80,090	104,862	352	1,526	10,027	14,561	8,783
New Hampshire	1,282	1,654	6,507	7,009	6,208	400	602	3,041	4,173	3,617
New Jersey	4,987	4,905	35,001	29,920	34,527	1,774	2,080	18,598	19,830	19,907
New Mexico ^{2,3}	541	1,342	6,332	10,463	10,936	580	675	5,304	5,311	6,151
New York ¹	12,239	13,998	76,795	88,029	99,381	3,581	5,617	42,386	47,741	45,453
North Carolina	6,885	7,677	32,524	37,274	38,354	3,442	2,670	20,692	24,858	25,625
North Dakota	607	646	2,952	2,885	2,692	128	111	1,145	1,231	1,232
Ohio	3,424	9,284	43,730	52,496	52,439	1,832	4,106	27,736	30,867	30,608
Oklahoma	---	---	---	---	---	---	---	---	---	---
Oregon	3,364	4,131	14,337	17,480	18,228	1,503	1,259	9,338	10,743	10,812
Pennsylvania	8,088	7,302	48,776	46,923	46,008	3,045	2,879	23,983	24,377	24,953
Rhode Island	1,082	1,009	5,418	5,278	5,578	242	285	2,290	2,200	2,316
South Carolina	3,950	3,614	21,720	23,904	27,553	711	1,061	8,190	8,396	9,876
South Dakota	955	919	4,475	4,649	4,768	190	204	1,645	1,713	1,668
Tennessee	4,870	12,194	49,065	57,511	53,663	3,317	3,125	19,764	22,483	20,337
Texas	13,505	16,090	107,391	134,809	138,198	7,348	6,479	52,671	55,425	56,930
Utah	1,749	2,981	9,725	13,633	15,703	750	599	5,746	5,954	6,580
Vermont	801	808	3,415	3,283	3,254	84	105	1,656	1,760	1,629
Virginia	6,310	6,908	40,693	42,778	42,901	2,506	2,708	19,463	20,593	19,926
Washington	5,665	6,380	27,609	27,279	28,935	3,101	2,574	18,752	18,243	18,201
West Virginia	1,751	1,419	9,232	9,677	8,954	925	663	5,783	5,909	6,404
Wisconsin	4,185	4,233	21,661	21,847	22,825	1,615	1,246	12,166	11,703	11,864
Wyoming	617	642	3,243	3,311	3,614	249	248	1,873	1,820	1,903
Puerto Rico	1,836	1,997	16,435	16,087	19,504	1,948	1,544	12,439	11,457	11,461

--- Data not available.

¹Figures for marriages include licenses issued for some counties.²Figures for marriages are marriage licenses issued.³Figures for divorces include estimates for some counties.

NOTE: Figures include all revisions received from the States and, therefore, may differ from those previously published; see "Technical Notes."

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