

Births, Marriages, Divorces, and Deaths: Provisional Data for October 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, October 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	October				January–October				12 months ending with October				
	Number		Rate		Number		Rate		Number		Rate		
	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2001
Live births	353,000	346,000	14.2	14.1	3,427,000	3,375,000	14.1	14.1	4,075,000	4,025,000	14.0	14.0	14.2
Fertility rate . . . . .	...	...	66.7	65.7	...	...	66.1	65.3	...	...	65.5	64.9	65.6
Deaths	201,000	200,000	8.1	8.2	1,990,000	2,023,000	8.2	8.4	2,406,000	2,430,000	8.3	8.4	8.5
Infant deaths	2,300	2,300	6.5	6.8	22,700	23,200	6.7	6.9	27,200	27,800	6.7	6.9	6.7
Natural increase	152,000	146,000	6.1	5.9	1,437,000	1,352,000	5.9	5.7	1,669,000	1,595,000	5.7	5.6	5.7
Marriages ¹	207,000	214,000	8.3	8.7	1,871,000	1,932,000	7.7	8.1	2,193,000	2,256,000	7.5	7.8	8.3
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.8	4.0	4.0
Population base (in millions). . . . .	...	...	292.2	289.2	...	...	...	...	...	...	290.9	287.8	284.8

... 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–September 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	331,000	13.4	62.6	65.5	141,000	5.7	224,000	9.1	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	337,000	13.7	63.8	65.3	150,000	6.1	208,000	8.4	2,400	6.9
April	331,000	13.9	64.9	65.7	168,000	7.0	192,000	8.1	2,200	6.6
May	346,000	14.0	65.5	65.9	178,000	7.2	196,000	8.0	2,300	6.6
June	338,000	14.1	66.1	65.2	229,000	9.6	195,000	8.2	2,400	7.0
July	364,000	14.7	68.9	65.9	221,000	8.9	191,000	7.7	2,300	6.5
August	360,000	14.5	68.1	65.7	214,000	8.7	187,000	7.5	2,200	6.3
September	360,000	15.0	70.4	66.6	217,000	9.0	193,000	8.0	2,200	6.3
October	353,000	14.2	66.7	67.3	207,000	8.3	201,000	8.1	2,300	6.5

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."

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

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, October 2002 and 2003, and cumulative figures, 2001–2003

[Data are estimates by State of residence]

Area	Live births					Deaths				
	October		January–October			October		January–October		
	2003	2002	2003	2002	2001	2003	2002	2003	2002	2001
Alabama	5,169	5,054	49,198	48,962	50,708	3,680	3,593	37,935	37,838	37,655
Alaska	813	866	8,462	8,384	8,446	223	224	2,625	2,517	2,431
Arizona	8,098	7,849	75,737	73,094	71,313	3,422	3,476	35,511	35,652	33,971
Arkansas	3,310	3,320	31,694	31,660	31,321	2,328	2,319	22,649	23,601	23,230
California	46,701	46,651	453,086	441,939	441,275	21,973	18,792	182,248	194,341	194,028
Colorado	5,887	5,786	58,536	57,677	56,261	2,480	2,457	24,196	24,276	23,401
Connecticut	3,695	3,665	36,507	35,833	36,594	2,461	2,520	23,889	24,577	24,785
Delaware	963	892	9,611	9,284	9,107	619	580	5,937	5,744	5,990
District of Columbia	629	634	6,244	6,354	6,475	441	458	4,550	4,656	4,971
Florida	19,184	18,233	176,321	170,897	171,178	13,566	13,394	139,245	139,534	139,223
Georgia	11,916	11,509	113,660	111,969	111,655	5,346	5,318	54,240	54,152	53,868
Hawaii	1,604	1,535	14,990	14,449	14,141	744	690	7,403	7,270	7,057
Idaho	1,847	1,758	18,381	17,655	17,388	895	778	8,562	8,193	8,114
Illinois	15,915	15,118	152,862	151,715	154,839	8,900	8,849	86,350	88,100	87,893
Indiana	7,127	7,344	71,654	71,619	72,902	4,759	4,542	46,096	45,641	45,672
Iowa	3,338	3,286	32,196	31,681	31,543	2,413	2,256	22,995	22,971	23,112
Kansas	3,464	3,399	34,076	33,757	33,521	2,059	2,049	20,130	20,899	20,742
Kentucky	4,833	4,671	45,988	45,342	45,917	3,383	3,350	32,891	33,729	33,158
Louisiana	5,700	5,716	53,847	53,956	54,399	3,505	3,358	34,909	34,705	34,868
Maine	1,147	1,159	11,681	11,485	11,705	1,044	1,039	10,255	10,534	10,349
Maryland	6,656	6,147	63,225	61,458	61,331	3,696	3,530	36,559	36,410	36,484
Massachusetts	6,809	6,792	67,817	68,452	68,786	3,058	4,657	46,443	47,032	47,156
Michigan	11,039	10,855	110,350	109,570	112,794	7,331	7,422	71,368	72,719	72,154
Minnesota	5,923	5,745	59,079	57,321	57,101	3,211	3,330	30,951	31,904	31,497
Mississippi	3,342	3,674	35,042	34,645	34,986	2,477	2,383	22,950	23,890	23,557
Missouri	6,470	6,399	63,699	62,337	62,470	4,497	4,516	45,061	46,125	45,261
Montana	968	902	9,637	9,318	9,243	641	713	6,771	7,030	6,802
Nebraska	2,245	2,080	21,631	21,045	20,665	1,294	1,394	12,567	12,919	12,516
Nevada	2,893	2,739	28,048	27,411	26,310	1,365	1,381	14,429	13,899	13,292
New Hampshire	1,199	1,250	12,161	12,257	12,224	892	836	8,035	8,220	8,233
New Jersey	9,950	9,862	98,075	96,406	97,437	5,879	5,899	62,289	60,305	62,003
New Mexico	2,341	2,420	23,138	23,362	22,672	1,109	1,197	11,860	11,882	11,634
New York	22,165	22,025	218,930	216,283	213,182	12,878	13,242	129,156	130,820	135,316
North Carolina	10,365	10,026	98,796	98,178	98,578	6,065	5,852	59,873	59,214	58,906
North Dakota	700	592	6,679	6,456	6,464	531	553	5,035	4,887	4,978
Ohio	12,689	12,780	125,447	125,347	127,895	9,004	8,993	89,179	90,816	90,182
Oklahoma	3,973	4,353	41,953	41,987	41,598	2,719	2,862	28,719	29,303	28,843
Oregon	3,825	3,769	38,694	38,062	37,909	2,483	2,546	25,360	25,879	25,009
Pennsylvania	12,114	12,058	119,247	119,697	121,067	10,705	11,333	106,233	107,579	107,879
Rhode Island	1,095	1,071	10,718	10,675	10,540	831	818	8,284	8,465	8,288
South Carolina	4,864	4,688	46,519	45,539	46,430	3,107	3,080	31,276	31,036	30,330
South Dakota	988	925	9,442	9,138	9,002	593	577	5,796	5,846	5,820
Tennessee	6,821	6,582	65,805	64,942	65,642	4,710	4,417	46,114	46,218	45,627
Texas	33,361	32,334	315,715	309,706	305,505	12,388	12,868	126,109	131,877	127,388
Utah	4,163	4,036	42,250	41,494	40,649	1,101	1,103	10,898	10,933	10,417
Vermont	524	508	5,567	5,436	5,477	384	417	4,070	4,126	4,309
Virginia	8,878	8,532	84,887	83,615	82,776	4,799	4,671	47,338	47,298	46,718
Washington	6,924	6,582	67,890	66,644	67,228	3,370	3,722	36,705	37,567	36,956
West Virginia	1,803	1,772	17,393	17,199	17,061	1,769	1,660	17,018	17,215	17,432
Wisconsin	5,985	5,747	59,035	57,630	58,334	3,902	4,029	37,952	38,676	38,686
Wyoming	530	553	5,557	5,472	5,185	355	349	3,400	3,490	3,384
Puerto Rico	4,084	4,865	41,308	43,535	46,301	2,186	2,095	23,745	22,822	23,863

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 October 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 October			
	2003		2002	
	Number	Rate	Number	Rate
Alabama	508	8.6	511	8.7
Alaska	52	5.2	64	6.4
Arizona	592	6.5	555	6.3
Arkansas	327	8.6	324	8.6
California	2,644	4.9	2,797	5.3
Colorado	399	5.8	425	6.2
Connecticut	228	5.3	247	5.8
Delaware	102	8.9	92	8.4
District of Columbia	69	9.2	74	9.7
Florida	1,551	7.4	1,609	7.8
Georgia	1,099	8.1	1,172	8.8
Hawaii	132	7.3	105	6.0
Idaho	148	6.8	127	6.1
Illinois	1,396	7.7	1,291	7.1
Indiana	605	7.1	665	7.8
Iowa	207	5.4	188	5.0
Kansas	253	6.2	313	7.8
Kentucky	348	6.3	344	6.3
Louisiana	589	9.1	667	10.3
Maine	66	4.8	69	5.1
Maryland	624	8.3	596	8.1
Massachusetts	366	4.6	414	5.1
Michigan	1,102	8.4	1,062	8.2
Minnesota	336	4.8	338	5.0
Mississippi	435	10.4	435	10.4
Missouri	594	7.8	595	8.0
Montana	79	7.0	75	6.8
Nebraska	150	5.8	176	7.0
Nevada	208	6.3	204	6.3
New Hampshire	53	3.7	77	5.3
New Jersey	684	5.9	643	5.6
New Mexico	153	5.6	179	6.4
New York	1,642	6.3	1,601	6.2
North Carolina	906	7.7	978	8.3
North Dakota	51	6.5	57	7.4
Ohio	1,169	7.9	1,167	7.8
Oklahoma	357	7.1	417	8.3
Oregon	269	5.9	267	5.9
Pennsylvania	1,040	7.4	1,060	7.5
Rhode Island	75	5.9	82	6.5
South Carolina	476	8.6	506	9.3
South Dakota	76	6.8	70	6.5
Tennessee	673	8.6	695	8.9
Texas	2,338	6.2	2,248	6.1
Utah	238	4.8	270	5.5
Vermont	35	5.4	19	3.0
Virginia	718	7.1	746	7.5
Washington	385	4.8	445	5.6
West Virginia	151	7.3	177	8.7
Wisconsin	431	6.2	482	7.0
Wyoming	50	7.6	58	9.0
Puerto Rico	444	8.8	508	9.6

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, October 2002 and 2003, and cumulative figures, 2001–2003

[By State of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	October		January–October			October		January–October		
	2003	2002	2003	2002	2001	2003	2002	2003	2002	2001
Alabama	3,027	3,644	35,290	36,031	36,104	1,540	2,088	19,225	21,469	20,676
Alaska	512	937	4,898	4,061	4,493	325	56	2,986	1,625	2,302
Arizona ¹	3,617	3,350	30,525	30,961	34,373	1,989	2,405	20,089	21,972	19,661
Arkansas	3,422	3,101	31,093	31,975	33,131	1,315	1,446	13,886	14,170	14,136
California	13,551	21,151	171,904	184,675	201,126	---	---	---	---	---
Colorado	2,788	3,995	31,696	31,814	32,114	1,718	2,003	15,962	17,575	17,473
Connecticut	2,182	1,853	14,692	14,427	16,618	914	1,004	8,671	8,421	9,143
Delaware	456	538	3,612	4,335	4,245	867	164	2,869	2,056	2,750
District of Columbia	280	348	2,662	2,725	3,184	79	119	572	694	1,395
Florida	13,015	12,118	131,712	136,636	131,316	7,186	6,754	70,471	71,174	72,315
Georgia	6,563	5,384	49,781	49,122	41,990	2,820	2,676	29,934	26,332	21,684
Hawaii	2,515	2,601	23,097	21,730	20,543	---	616	---	3,904	3,901
Idaho	1,407	1,192	12,896	12,160	12,376	704	406	5,983	5,744	5,894
Illinois	8,837	9,179	71,215	72,206	78,788	2,869	3,248	28,976	31,235	33,634
Indiana	3,970	3,019	37,578	36,183	38,627	---	---	---	---	---
Iowa	2,151	2,123	17,775	16,982	18,372	639	723	6,503	7,151	7,995
Kansas	1,726	2,125	16,313	16,833	16,133	554	877	7,286	8,655	7,582
Kentucky	3,530	3,542	32,722	32,049	30,845	1,489	1,635	17,445	17,572	17,514
Louisiana	2,248	3,262	32,202	30,867	31,385	---	---	---	---	---
Maine	600	1,481	8,628	9,376	9,961	600	464	4,913	3,622	5,069
Maryland	4,500	4,167	32,560	32,821	32,284	1,281	1,236	13,087	13,970	12,763
Massachusetts	3,103	2,884	29,894	29,703	34,801	1,905	1,779	13,993	14,268	12,942
Michigan	6,930	7,602	56,088	56,722	57,926	3,143	3,656	31,020	31,778	33,044
Minnesota	3,146	4,291	29,032	28,630	29,799	1,249	1,293	12,447	12,574	13,125
Mississippi	1,123	1,664	14,821	16,345	16,020	1,135	991	11,540	12,034	12,051
Missouri	3,921	3,904	35,918	36,283	37,017	1,929	1,802	18,679	19,221	19,635
Montana	484	518	5,907	5,680	5,809	327	222	2,492	2,017	3,113
Nebraska	1,129	964	10,893	11,494	11,913	422	529	5,031	5,330	5,085
Nevada	11,619	10,508	118,550	102,889	130,317	1,312	1,466	12,552	17,443	10,874
New Hampshire	1,590	1,244	9,385	9,435	8,775	400	576	3,841	5,046	4,592
New Jersey	5,909	6,157	46,403	41,562	44,647	2,429	2,820	23,480	24,950	24,399
New Mexico ^{2,3}	648	1,309	8,599	12,839	12,541	262	804	5,914	6,767	7,561
New York ¹	10,977	11,865	100,347	113,547	128,709	6,232	6,827	54,644	61,921	55,735
North Carolina	6,868	5,954	50,397	49,324	49,126	4,578	2,862	26,702	31,088	31,680
North Dakota	352	393	3,890	3,837	3,578	151	163	1,430	1,491	1,533
Ohio	11,147	8,475	58,302	69,396	71,816	3,649	3,905	33,217	38,405	38,049
Oklahoma	---	---	---	---	---	---	---	---	---	---
Oregon	3,018	1,948	21,225	22,145	22,707	1,401	1,188	11,854	13,480	13,580
Pennsylvania	7,413	7,391	64,265	61,592	62,750	2,832	2,772	30,169	30,169	31,350
Rhode Island	893	887	7,322	7,237	7,527	281	346	2,876	2,885	2,847
South Carolina	3,278	4,494	28,055	31,267	34,568	1,221	1,737	10,636	11,046	12,320
South Dakota	545	835	5,758	6,210	6,116	205	212	2,076	2,127	2,086
Tennessee	6,205	6,736	63,478	66,690	69,347	1,789	2,651	24,468	26,754	25,237
Texas	14,812	15,582	140,993	166,402	168,960	6,785	8,926	67,072	71,543	70,159
Utah	1,499	2,195	12,823	18,645	20,736	799	799	7,394	7,652	8,184
Vermont	1,045	1,011	5,175	5,056	5,123	199	128	2,216	2,161	2,092
Virginia	6,364	6,135	52,495	54,017	54,971	2,442	2,630	24,269	25,590	24,950
Washington	4,675	3,227	35,330	34,315	37,256	2,413	1,963	22,925	22,289	22,374
West Virginia	997	1,402	11,558	12,853	11,729	625	1,860	7,365	8,617	7,841
Wisconsin	4,404	4,263	30,593	30,771	31,396	1,443	1,898	14,887	15,020	14,770
Wyoming	234	379	4,143	4,201	4,414	265	207	2,352	2,266	2,403
Puerto Rico	1,652	1,706	19,558	19,509	22,630	778	1,155	14,430	14,094	13,319

--- 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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