

Births, Marriages, Divorces, and Deaths: Provisional Data for July 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, July 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	July				January–July				12 months ending with July				
	Number		Rate		Number		Rate		Number		Rate		
	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2001
Live births	361,000	358,000	14.6	14.6	2,347,000	2,319,000	13.9	13.9	4,050,000	4,019,000	14.0	14.0	14.3
Fertility rate	---	---	68.3	68.0	---	---	65.0	64.4	---	---	65.2	64.8	65.6
Deaths	189,000	193,000	7.6	7.9	1,402,000	1,442,000	8.3	8.6	2,399,000	2,434,000	8.3	8.5	8.4
Infant deaths	2,200	2,300	6.3	6.4	15,700	16,400	6.7	7.0	27,000	27,800	6.7	6.9	6.7
Natural increase	172,000	165,000	7.0	6.7	945,000	877,000	5.6	5.3	1,651,000	1,585,000	5.7	5.5	5.9
Marriages ¹	221,000	237,000	8.9	9.7	1,233,000	1,267,000	7.3	7.6	2,221,000	2,272,000	7.7	7.9	8.3
Divorces ² . . . . .	...	...	...	...	...	...	...	...	...	...	3.9	4.0	4.0
Population base (in millions).	---	---	291.4	288.4	---	---	---	---	---	---	290.1	287.1	284.1

... 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–July 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	220,000	8.9	2,300	7.0
February	307,000	13.8	64.3	65.5	146,000	6.6	203,000	9.1	2,200	7.1
March	336,000	13.6	63.7	65.2	154,000	6.2	209,000	8.5	2,300	6.9
April	331,000	13.9	64.7	65.5	168,000	7.0	191,000	8.0	2,100	6.5
May	345,000	14.0	65.4	65.8	178,000	7.2	196,000	7.9	2,200	6.5
June	337,000	14.1	65.9	65.0	226,000	9.5	194,000	8.1	2,300	6.8
July	361,000	14.6	68.3	65.3	221,000	8.9	189,000	7.6	2,200	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).

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

[Data are estimates by State of residence]

Area	Live births					Deaths				
	July		January–July			July		January–July		
	2003	2002	2003	2002	2001	2003	2002	2003	2002	2001
Alabama	5,274	5,120	33,600	33,786	34,993	3,619	3,664	26,995	27,230	26,706
Alaska	888	892	5,840	5,767	5,861	295	264	1,862	1,770	1,678
Arizona	7,932	7,550	51,198	49,270	48,549	3,330	3,229	25,342	25,764	24,332
Arkansas	3,369	3,349	21,659	21,783	21,393	2,220	2,234	16,002	16,757	16,630
California	47,558	45,801	310,377	300,949	301,799	17,230	18,653	122,820	139,487	139,167
Colorado	6,147	6,072	40,748	39,982	38,944	2,320	2,316	17,029	17,260	16,536
Connecticut	3,799	3,869	25,164	24,716	25,343	2,091	2,355	16,609	17,406	17,688
Delaware	1,005	955	6,706	6,374	6,272	560	546	4,189	4,052	4,249
District of Columbia	638	663	4,265	4,399	4,471	445	476	3,223	3,327	3,456
Florida	17,876	17,882	119,234	116,307	116,557	13,386	13,271	99,851	100,222	99,815
Georgia	11,901	11,877	77,529	76,767	76,858	5,047	5,266	38,468	38,739	38,307
Hawaii	1,507	1,535	10,235	9,899	9,677	755	739	5,137	5,210	4,960
Idaho	1,963	1,826	12,685	12,260	12,236	863	826	5,991	5,854	5,814
Illinois	16,109	16,622	104,434	104,811	107,434	8,353	8,454	61,005	62,402	61,809
Indiana	7,627	7,640	49,381	49,328	50,453	4,287	4,404	31,944	32,555	32,289
Iowa	3,309	3,518	22,156	21,915	21,863	2,158	2,180	16,287	16,438	16,304
Kansas	3,640	3,607	23,539	23,177	23,098	1,914	2,053	14,265	15,044	14,789
Kentucky	4,951	4,923	31,304	31,064	31,547	3,187	3,152	23,249	24,270	23,566
Louisiana	5,733	5,726	36,392	36,585	36,732	3,324	3,368	24,665	24,744	25,004
Maine	1,219	1,247	8,000	7,835	8,135	858	1,051	7,241	7,525	7,298
Maryland	6,687	6,613	43,276	42,679	42,452	3,561	3,501	25,957	25,982	25,756
Massachusetts	7,280	7,254	46,852	47,390	47,792	4,143	4,550	33,939	33,566	33,636
Michigan	11,781	11,603	76,534	76,201	78,619	6,977	7,097	50,237	51,552	51,015
Minnesota	6,341	6,081	40,831	39,663	39,836	2,981	3,006	21,798	22,565	22,240
Mississippi	3,706	3,726	23,711	23,598	24,052	2,094	2,193	15,793	16,949	16,917
Missouri	7,011	6,630	43,831	42,941	42,988	4,363	4,417	31,990	32,933	32,197
Montana	1,041	1,008	6,688	6,483	6,484	742	716	4,835	4,945	4,802
Nebraska	2,368	2,343	14,915	14,512	14,345	1,160	1,163	8,852	9,141	8,783
Nevada	2,949	2,908	19,147	18,700	18,027	1,312	1,324	10,050	9,915	9,367
New Hampshire	1,309	1,382	8,486	8,518	8,401	733	756	5,563	5,808	5,798
New Jersey	10,469	10,468	67,731	66,452	67,517	5,751	5,823	44,537	43,775	43,605
New Mexico	2,563	2,454	15,955	15,947	15,679	1,141	1,148	8,419	8,536	8,201
New York	23,124	23,020	151,076	149,649	147,733	12,509	12,773	91,502	93,045	92,334
North Carolina	10,348	10,366	67,510	67,704	68,091	5,636	5,629	42,297	42,133	41,685
North Dakota	704	688	4,602	4,497	4,484	469	462	3,530	3,406	3,456
Ohio	12,056	13,376	83,725	86,397	89,014	7,970	8,639	62,786	64,762	64,336
Oklahoma	3,869	4,444	28,288	28,929	28,511	2,567	2,727	20,216	20,886	20,568
Oregon	4,143	4,094	26,993	26,338	26,492	2,524	2,499	17,975	18,414	17,615
Pennsylvania	12,545	12,906	81,556	82,682	84,177	10,069	10,092	75,074	76,247	76,937
Rhode Island	1,158	1,167	7,397	7,469	7,259	826	864	5,870	6,141	5,944
South Carolina	4,829	4,856	31,842	31,296	32,028	2,961	2,963	22,160	22,093	21,669
South Dakota	1,139	1,028	6,508	6,358	6,226	600	550	4,088	4,144	4,060
Tennessee	6,944	6,882	45,019	44,762	45,319	4,481	4,355	32,674	32,942	32,299
Texas	33,800	33,227	214,911	210,954	207,628	11,931	11,816	89,119	92,440	90,999
Utah	4,553	4,396	29,553	28,941	28,385	1,086	1,088	7,690	7,717	7,303
Vermont	600	567	3,877	3,789	3,869	393	413	2,862	2,908	3,086
Virginia	8,798	8,856	58,044	57,509	57,247	4,507	4,592	33,395	33,929	32,945
Washington	7,353	6,875	47,124	46,375	47,230	3,378	3,560	25,507	26,650	26,246
West Virginia	1,853	1,816	11,877	11,853	11,822	1,657	1,649	11,946	12,225	12,503
Wisconsin	6,370	6,077	40,817	39,936	40,631	3,600	3,730	26,960	27,291	27,474
Wyoming	617	594	3,854	3,737	3,615	320	355	2,348	2,492	2,371
Puerto Rico	4,150	4,229	28,154	29,208	31,221	2,189	2,277	16,433	16,242	16,570

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 July 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 July			
	2003		2002	
	Number	Rate	Number	Rate
Alabama	503	8.6	534	9.0
Alaska	58	5.8	69	7.0
Arizona	589	6.6	570	6.6
Arkansas	305	8.1	350	9.3
California	2,609	4.8	2,852	5.4
Colorado	387	5.6	421	6.2
Connecticut	211	4.9	238	5.6
Delaware	107	9.3	100	9.1
District of Columbia	60	8.0	86	11.2
Florida	1,538	7.4	1,586	7.7
Georgia	1,073	8.0	1,171	8.8
Hawaii	125	7.0	98	5.7
Idaho	121	5.7	138	6.7
Illinois	1,372	7.6	1,307	7.2
Indiana	616	7.2	647	7.6
Iowa	193	5.1	199	5.3
Kansas	276	6.8	290	7.2
Kentucky	342	6.3	344	6.3
Louisiana	607	9.4	680	10.4
Maine	70	5.1	67	5.0
Maryland	634	8.6	579	7.9
Massachusetts	374	4.7	386	4.8
Michigan	1,076	8.3	1,068	8.2
Minnesota	352	5.1	337	5.0
Mississippi	412	9.9	435	10.4
Missouri	585	7.8	611	8.2
Montana	80	7.1	78	7.1
Nebraska	175	6.8	178	7.1
Nevada	196	6.0	208	6.5
New Hampshire	43	3.0	87	5.9
New Jersey	681	5.9	667	5.8
New Mexico	158	5.7	173	6.3
New York	1,604	6.2	1,625	6.4
North Carolina	894	7.6	995	8.5
North Dakota	50	6.4	56	7.3
Ohio	1,162	8.0	1,187	8.0
Oklahoma	359	7.2	403	8.0
Oregon	269	5.9	268	6.0
Pennsylvania	1,056	7.6	1,019	7.2
Rhode Island	70	5.6	89	7.0
South Carolina	525	9.5	462	8.4
South Dakota	85	7.7	71	6.6
Tennessee	676	8.7	697	9.0
Texas	2,309	6.2	2,221	6.0
Utah	258	5.2	258	5.3
Vermont	33	5.1	25	3.9
Virginia	699	7.0	756	7.6
Washington	362	4.5	446	5.6
West Virginia	167	8.2	165	8.1
Wisconsin	442	6.4	493	7.2
Wyoming	50	7.5	58	9.3
Puerto Rico	455	8.8	497	9.2

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

[By State of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	July		January–July			July		January–July		
	2003	2002	2003	2002	2001	2003	2002	2003	2002	2001
Alabama	3,404	4,124	24,014	24,458	24,871	1,792	2,246	13,263	15,247	14,425
Alaska	723	279	3,188	2,509	3,025	211	---	2,041	1,174	1,570
Arizona ¹	2,541	2,848	19,055	22,505	24,421	2,030	1,907	12,629	15,507	13,919
Arkansas	3,849	4,199	21,480	22,398	22,504	1,193	1,787	9,501	9,130	9,975
California	22,525	30,268	122,103	121,769	133,584	---	---	---	---	---
Colorado	5,420	3,818	21,309	19,318	19,716	1,596	1,788	11,153	12,345	12,150
Connecticut	1,498	1,466	8,793	8,859	9,833	875	983	5,978	5,653	6,463
Delaware	597	602	2,733	2,584	2,667	553	229	1,648	1,584	1,859
District of Columbia	296	297	1,733	1,728	2,869	41	39	329	403	1,090
Florida	13,551	16,528	94,655	100,564	95,056	7,226	8,258	49,123	50,148	50,303
Georgia	6,781	5,719	30,464	33,452	25,801	2,508	3,081	20,878	18,582	14,838
Hawaii	2,536	2,378	15,571	14,548	14,035	---	419	---	2,378	2,778
Idaho	1,768	1,448	8,195	7,420	7,930	624	629	4,251	4,130	4,013
Illinois	9,085	9,413	44,658	45,215	52,098	3,041	3,164	20,317	21,688	24,024
Indiana	3,281	4,328	26,404	25,387	25,576	---	---	---	---	---
Iowa	2,282	2,504	10,963	10,098	11,276	606	783	4,401	4,951	5,585
Kansas	1,928	1,620	10,403	10,281	10,318	874	792	5,253	6,178	4,992
Kentucky	4,914	4,659	22,479	21,292	20,242	1,838	1,983	12,501	12,509	12,247
Louisiana	3,320	4,889	23,413	21,849	22,533	---	---	---	---	---
Maine	1,620	1,522	4,829	4,624	5,573	271	740	2,923	2,254	3,532
Maryland	4,018	4,179	20,388	20,728	20,691	1,928	1,721	9,322	9,513	8,388
Massachusetts	3,753	4,499	18,656	17,914	20,762	141	1,106	7,108	9,639	9,285
Michigan	8,738	8,243	33,903	34,459	32,852	2,994	3,035	22,080	21,871	23,064
Minnesota	3,612	2,915	16,217	15,776	17,932	1,291	1,079	8,769	8,694	8,904
Mississippi	2,013	2,176	10,407	11,259	11,127	909	1,448	8,202	8,291	8,373
Missouri	4,262	3,827	24,088	23,512	25,302	1,639	1,623	12,971	13,206	13,988
Montana	1,044	1,091	3,564	3,454	3,545	243	233	1,640	1,371	2,162
Nebraska	1,346	1,468	7,327	7,889	8,159	484	467	3,711	3,824	3,558
Nevada	11,363	2,146	82,655	67,733	92,726	1,570	1,474	9,675	13,035	8,612
New Hampshire	1,220	1,238	5,225	5,355	5,119	400	914	2,641	3,571	3,204
New Jersey	5,258	5,555	30,014	25,015	29,848	1,875	2,062	16,824	17,750	17,781
New Mexico ^{2,3}	746	1,474	5,762	9,121	9,576	644	756	4,724	4,636	5,193
New York ¹	4,000	14,199	58,655	74,031	82,676	6,983	5,861	38,805	42,124	40,055
North Carolina	4,973	3,390	25,639	29,597	32,520	3,897	4,464	17,250	22,188	22,342
North Dakota	628	635	2,345	2,239	2,133	165	137	1,017	1,120	1,099
Ohio	8,492	10,774	40,306	43,212	44,513	4,075	4,462	25,904	26,761	26,479
Oklahoma	---	---	---	---	---	---	---	---	---	---
Oregon	2,120	2,954	10,973	13,349	14,525	1,342	1,000	7,835	9,484	9,417
Pennsylvania	7,882	7,970	40,688	39,621	37,583	3,111	3,537	20,938	21,498	21,188
Rhode Island	904	910	4,336	4,269	4,661	308	287	2,048	1,915	1,993
South Carolina	2,393	4,291	17,770	20,290	24,301	1,630	1,342	7,479	7,335	8,601
South Dakota	834	982	3,520	3,730	3,828	239	193	1,455	1,509	1,446
Tennessee	8,500	12,108	44,195	45,317	47,663	2,020	2,534	16,447	19,358	17,525
Texas	13,353	13,502	93,886	118,719	121,922	7,871	3,921	45,323	48,946	48,695
Utah	1,949	3,434	7,976	10,652	11,975	899	949	4,996	5,355	5,696
Vermont	770	675	2,614	2,475	2,512	287	147	1,572	1,655	1,426
Virginia	5,812	6,120	34,383	35,870	36,953	2,388	2,698	16,957	17,885	17,282
Washington	4,854	4,766	21,944	20,899	23,393	2,318	2,720	15,651	15,669	15,819
West Virginia	1,722	1,796	7,481	8,258	7,307	568	537	4,858	5,246	5,546
Wisconsin	3,893	4,211	17,476	17,614	18,449	1,459	1,417	10,551	10,457	10,384
Wyoming	629	681	2,626	2,669	2,799	238	165	1,624	1,572	1,658
Puerto Rico	2,536	2,585	14,599	14,090	17,472	1,266	1,808	10,491	9,913	9,081

--- 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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