

Births, Marriages, Divorces, and Deaths: Provisional Data for September 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, September 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	September				January–September				12 months ending with September				
	Number		Rate		Number		Rate		Number		Rate		
	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2001
Live births	359,000	349,000	15.0	14.7	3,072,000	3,029,000	14.1	14.1	4,066,000	4,023,000	14.0	14.0	14.3
Fertility rate . . . . .	...	...	70.2	68.5	...	...	66.1	65.3	...	...	65.4	64.9	65.6
Deaths	192,000	190,000	8.0	8.0	1,784,000	1,822,000	8.2	8.5	2,400,000	2,432,000	8.3	8.5	8.4
Infant deaths	2,200	2,200	6.2	6.4	20,300	20,800	6.6	6.9	27,100	27,800	6.7	6.9	6.7
Natural increase	167,000	159,000	7.0	6.7	1,288,000	1,207,000	5.9	5.6	1,666,000	1,591,000	5.7	5.5	5.9
Marriages ¹	217,000	216,000	9.0	9.1	1,663,000	1,718,000	7.6	8.0	2,200,000	2,267,000	7.6	7.9	8.2
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.8	4.0	4.0
Population base (in millions). . . . .	...	...	291.9	288.9	...	...	...	...	...	...	290.6	287.6	284.5

... 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	221,000	9.0	2,400	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	2,300	6.9
April	331,000	13.9	64.9	65.6	168,000	7.0	192,000	8.0	2,200	6.6
May	346,000	14.0	65.5	65.9	178,000	7.2	196,000	7.9	2,300	6.6
June	338,000	14.1	66.1	65.2	229,000	9.6	195,000	8.2	2,300	7.0
July	364,000	14.7	68.9	65.9	221,000	8.9	190,000	7.7	2,300	6.4
August	360,000	14.5	68.1	65.7	214,000	8.7	186,000	7.5	2,200	6.1
September	359,000	15.0	70.2	66.4	217,000	9.0	192,000	8.0	2,200	6.2

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

[Data are estimates by State of residence]

Area	Live births					Deaths				
	September		January–September			September		January–September		
	2003	2002	2003	2002	2001	2003	2002	2003	2002	2001
Alabama	5,285	4,919	44,024	43,908	45,507	3,556	3,516	34,212	34,245	33,849
Alaska	896	833	7,649	7,518	7,621	261	257	2,402	2,293	2,163
Arizona	8,207	8,015	67,620	65,245	63,899	3,315	3,210	32,072	32,176	30,635
Arkansas	3,299	3,252	28,348	28,340	27,957	2,158	2,272	20,321	21,282	20,893
California	47,361	47,363	405,852	395,288	395,434	18,969	18,176	157,269	175,549	175,439
Colorado	5,841	5,887	52,646	51,891	50,683	2,381	2,303	21,713	21,819	20,989
Connecticut	3,830	3,632	32,806	32,168	32,859	2,238	2,317	21,518	22,057	22,283
Delaware	995	1,000	8,648	8,392	8,174	576	548	5,318	5,164	5,382
District of Columbia	672	657	5,602	5,720	5,811	453	436	4,109	4,198	4,425
Florida	19,223	17,847	157,116	152,664	152,824	12,712	12,846	125,671	126,140	125,697
Georgia	12,028	11,643	101,708	100,460	100,245	4,899	4,957	48,753	48,834	48,454
Hawaii	1,622	1,530	13,380	12,914	12,688	714	647	6,655	6,580	6,333
Idaho	1,919	1,787	16,534	15,897	15,704	869	781	7,664	7,415	7,333
Illinois	15,458	15,625	138,101	136,597	139,277	8,535	8,418	77,450	79,251	78,680
Indiana	7,334	7,327	64,318	64,275	65,476	4,819	4,193	41,337	41,099	40,960
Iowa	3,367	3,165	28,854	28,395	28,415	2,147	2,179	20,575	20,715	20,650
Kansas	3,482	3,541	30,610	30,358	30,029	1,887	1,891	18,071	18,850	18,643
Kentucky	4,739	4,707	40,934	40,671	41,266	3,018	2,997	29,431	30,379	29,741
Louisiana	5,848	5,732	48,077	48,240	48,593	3,229	3,262	31,371	31,347	31,433
Maine	1,293	1,194	10,534	10,326	10,578	934	928	9,166	9,495	9,282
Maryland	6,591	6,100	56,551	55,311	55,093	3,418	3,417	32,853	32,880	32,745
Massachusetts	7,022	7,004	60,990	61,660	61,971	6,610	4,418	43,210	42,375	42,441
Michigan	11,077	11,093	99,223	98,715	101,651	6,755	6,653	63,960	65,297	64,704
Minnesota	6,069	5,836	53,121	51,576	51,448	3,032	3,012	27,734	28,574	28,184
Mississippi	4,265	3,634	31,258	30,971	31,351	2,228	2,314	20,019	21,507	21,233
Missouri	6,647	6,332	57,175	55,938	56,123	4,164	4,282	40,547	41,609	40,676
Montana	976	964	8,661	8,416	8,388	628	728	6,130	6,317	6,152
Nebraska	2,257	2,179	19,386	18,965	18,593	1,204	1,195	11,273	11,525	11,199
Nevada	2,965	2,963	25,139	24,672	23,683	1,368	1,234	12,846	12,518	11,960
New Hampshire	1,197	1,184	10,956	11,007	10,916	803	789	7,143	7,384	7,382
New Jersey	10,073	9,828	88,023	86,544	87,728	6,497	5,104	56,410	54,406	55,778
New Mexico	2,386	2,482	20,792	20,942	20,401	1,083	1,052	10,712	10,685	10,389
New York	22,508	21,745	196,615	194,258	191,683	12,158	12,045	116,211	117,578	121,850
North Carolina	10,526	9,962	88,401	88,152	88,737	5,739	5,595	53,807	53,362	52,782
North Dakota	656	688	5,979	5,864	5,817	454	458	4,504	4,334	4,456
Ohio	12,905	12,838	112,103	112,567	115,110	8,429	8,427	80,104	81,823	81,141
Oklahoma	4,387	4,265	37,980	37,634	37,342	3,147	2,744	25,981	26,441	25,938
Oregon	3,942	3,893	34,864	34,293	34,190	2,401	2,416	22,866	23,333	22,407
Pennsylvania	13,120	12,320	107,133	107,639	108,992	8,995	9,826	94,539	96,246	96,914
Rhode Island	1,065	1,058	9,572	9,604	9,511	785	756	7,452	7,647	7,496
South Carolina	4,908	4,617	41,605	40,851	41,805	2,968	2,993	28,156	27,956	27,334
South Dakota	932	897	8,453	8,213	8,082	533	584	5,203	5,269	5,195
Tennessee	7,098	6,699	58,985	58,360	59,021	4,225	4,429	41,357	41,801	40,875
Texas	33,686	32,837	282,275	277,372	272,876	11,598	14,779	113,282	119,009	114,764
Utah	4,287	4,135	38,051	37,458	36,734	1,038	1,076	9,783	9,830	9,309
Vermont	546	503	5,029	4,928	4,937	393	394	3,668	3,709	3,877
Virginia	9,065	8,685	76,001	75,083	74,419	4,556	4,298	42,507	42,627	42,042
Washington	6,791	6,716	60,881	60,062	60,741	4,221	3,515	34,520	33,845	33,187
West Virginia	1,865	1,761	15,599	15,427	15,367	1,577	1,655	15,243	15,555	15,765
Wisconsin	6,075	5,882	53,038	51,883	52,536	3,483	3,684	34,050	34,647	34,713
Wyoming	555	559	5,021	4,919	4,678	337	312	3,045	3,141	3,034
Puerto Rico	4,612	4,710	36,937	38,670	41,200	2,578	2,183	21,412	20,727	21,287

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 September 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 September			
	2003		2002	
	Number	Rate	Number	Rate
Alabama	502	8.5	527	8.9
Alaska	56	5.6	63	6.4
Arizona	596	6.6	565	6.5
Arkansas	324	8.6	343	9.1
California	2,614	4.8	2,809	5.3
Colorado	389	5.6	433	6.4
Connecticut	210	4.9	253	5.9
Delaware	103	9.0	95	8.6
District of Columbia	70	9.3	76	9.9
Florida	1,547	7.4	1,589	7.7
Georgia	1,094	8.1	1,174	8.8
Hawaii	126	7.0	105	6.1
Idaho	140	6.5	137	6.6
Illinois	1,376	7.6	1,278	7.0
Indiana	609	7.1	661	7.7
Iowa	208	5.5	194	5.2
Kansas	243	6.0	311	7.7
Kentucky	345	6.3	345	6.4
Louisiana	586	9.1	678	10.4
Maine	71	5.2	63	4.7
Maryland	625	8.4	588	8.0
Massachusetts	386	4.8	400	4.9
Michigan	1,088	8.3	1,066	8.2
Minnesota	341	4.9	344	5.1
Mississippi	430	10.3	439	10.5
Missouri	597	7.9	600	8.1
Montana	80	7.1	79	7.2
Nebraska	154	6.0	186	7.4
Nevada	196	6.0	205	6.3
New Hampshire	54	3.8	77	5.3
New Jersey	678	5.8	658	5.8
New Mexico	154	5.6	174	6.3
New York	1,611	6.2	1,614	6.3
North Carolina	890	7.6	984	8.4
North Dakota	51	6.5	58	7.5
Ohio	1,182	8.0	1,173	7.9
Oklahoma	361	7.1	407	8.1
Oregon	280	6.1	257	5.7
Pennsylvania	1,059	7.5	1,024	7.2
Rhode Island	76	6.0	84	6.7
South Carolina	493	8.9	486	8.9
South Dakota	73	6.6	69	6.4
Tennessee	658	8.4	697	9.0
Texas	2,371	6.4	2,210	6.0
Utah	240	4.8	268	5.5
Vermont	34	5.2	21	3.3
Virginia	707	7.0	750	7.5
Washington	371	4.6	458	5.8
West Virginia	159	7.7	174	8.6
Wisconsin	436	6.3	474	6.9
Wyoming	48	7.2	58	9.1
Puerto Rico	454	8.9	507	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, September 2002 and 2003, and cumulative figures, 2001–2003

[By State of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	September		January–September			September		January–September		
	2003	2002	2003	2002	2001	2003	2002	2003	2002	2001
Alabama	3,874	3,493	32,263	32,387	32,308	2,151	2,076	17,685	19,381	18,486
Alaska	629	343	4,386	3,124	4,307	362	297	2,661	1,569	2,041
Arizona ¹	2,468	2,615	26,596	27,611	30,599	1,948	1,784	15,684	19,567	17,665
Arkansas	3,142	3,027	27,671	28,874	29,445	1,566	2,220	12,571	12,724	12,709
California	12,935	22,504	158,353	163,524	179,738	---	---	---	---	---
Colorado	3,133	4,496	28,908	27,819	28,906	1,647	1,448	14,244	15,572	15,735
Connecticut	1,671	1,850	12,510	12,574	14,432	937	897	7,757	7,417	8,123
Delaware	254	827	3,156	3,797	3,657	268	152	2,002	1,892	2,475
District of Columbia	327	316	2,382	2,377	3,082	128	78	493	575	1,331
Florida	12,028	12,234	118,697	124,518	119,300	7,155	7,254	63,285	64,420	64,393
Georgia	5,864	4,599	43,218	43,738	36,251	2,744	2,545	27,114	23,656	19,270
Hawaii	2,686	2,263	20,582	19,129	18,193	---	438	---	3,288	3,533
Idaho	1,791	1,628	11,489	10,968	11,325	510	653	5,279	5,338	5,241
Illinois	9,230	9,102	62,378	63,027	69,327	2,951	3,021	26,107	27,987	30,173
Indiana	4,122	2,811	33,608	33,164	35,380	---	---	---	---	---
Iowa	2,010	2,305	15,624	14,859	16,385	729	680	5,864	6,428	7,073
Kansas	1,613	1,666	14,587	14,708	15,550	815	707	6,732	7,778	6,751
Kentucky	3,796	4,470	29,192	28,507	27,141	1,987	1,542	15,956	15,937	15,663
Louisiana	3,066	2,351	29,954	27,605	28,294	---	---	---	---	---
Maine	1,642	1,599	8,028	7,895	8,871	563	464	4,313	3,158	4,477
Maryland	3,768	3,906	28,060	28,654	28,254	1,310	1,233	11,806	12,734	10,989
Massachusetts	5,835	4,917	26,791	26,819	29,493	1,790	760	12,088	12,489	11,756
Michigan	7,851	7,558	49,158	49,120	50,070	2,752	3,045	27,877	28,122	29,541
Minnesota	4,744	4,110	25,886	24,339	26,312	1,119	1,092	11,198	11,281	11,583
Mississippi	1,652	1,626	13,698	14,681	14,519	1,334	1,570	10,405	11,043	10,780
Missouri	4,095	4,261	31,997	32,379	32,907	1,808	2,181	16,750	17,419	17,608
Montana	787	698	5,423	5,162	5,325	277	224	2,165	1,795	2,788
Nebraska	1,168	1,315	9,764	10,530	11,254	498	518	4,609	4,801	4,536
Nevada	12,905	12,291	106,931	92,381	116,390	1,213	1,416	11,240	15,977	9,928
New Hampshire	1,288	1,182	7,795	8,191	7,546	400	297	3,441	4,470	4,083
New Jersey	5,493	5,485	40,494	35,405	39,842	2,453	2,300	21,051	22,130	21,891
New Mexico ^{2,3}	702	1,067	7,628	11,530	11,906	348	652	5,652	5,963	6,807
New York ¹	12,575	13,653	89,370	101,682	113,213	6,026	7,353	48,412	55,094	49,989
North Carolina	11,005	6,096	43,529	43,370	43,327	1,432	3,368	22,124	28,226	28,395
North Dakota	586	559	3,538	3,444	3,136	134	97	1,279	1,328	1,363
Ohio	3,425	8,425	47,155	60,921	62,532	1,832	3,633	29,568	34,500	34,216
Oklahoma	---	---	---	---	---	---	---	---	---	---
Oregon	3,870	2,717	18,207	20,197	20,569	1,115	1,549	10,453	12,292	12,073
Pennsylvania	8,076	7,278	56,852	54,201	54,095	3,354	3,020	27,337	27,397	27,467
Rhode Island	1,011	1,072	6,429	6,350	6,707	305	339	2,595	2,539	2,514
South Carolina	3,057	2,869	24,777	26,773	31,322	1,225	913	9,415	9,309	11,130
South Dakota	738	726	5,213	5,375	5,484	226	202	1,871	1,915	1,847
Tennessee	8,208	2,443	57,273	59,954	58,271	2,915	1,620	22,679	24,103	22,595
Texas	18,790	16,011	126,181	150,820	153,493	7,616	7,192	60,287	62,617	63,262
Utah	1,599	2,817	11,324	16,450	17,972	849	899	6,595	6,853	7,320
Vermont	715	762	4,130	4,045	4,287	361	273	2,017	2,033	1,837
Virginia	5,438	5,104	46,131	47,882	48,547	2,364	2,367	21,827	22,960	22,272
Washington	3,046	3,809	30,655	31,088	33,640	1,760	2,083	20,512	20,326	20,272
West Virginia	1,329	1,774	10,561	11,451	10,223	957	848	6,740	6,757	7,096
Wisconsin	4,528	4,661	26,189	26,508	26,999	1,278	1,419	13,444	13,122	13,215
Wyoming	666	511	3,909	3,822	4,097	214	239	2,087	2,059	2,136
Puerto Rico	1,471	1,716	17,906	17,803	20,897	1,213	1,482	13,652	12,939	12,208

--- 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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