

Births, Marriages, Divorces, and Deaths: Provisional Data for May 2004

Table A. Provisional vital statistics for the United States, May 2004

[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		
	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003	2002
Live births	338,000	346,000	13.6	14.0	1,664,000	1,651,000	13.7	13.7	4,106,000	4,041,000	14.0	13.9	14.0
Fertility rate . . . . .	...	...	64.2	65.6	...	...	64.6	64.2	...	...	65.9	65.1	64.8
Deaths	194,000	197,000	7.8	8.0	1,041,000	1,027,000	8.6	8.6	2,436,000	2,404,000	8.3	8.3	8.5
Infant deaths	2,200	2,300	6.4	6.8	11,200	11,400	6.7	6.8	27,300	27,100	6.6	6.7	6.9
Natural increase	144,000	149,000	5.8	6.0	623,000	624,000	5.1	5.1	1,670,000	1,637,000	5.7	5.6	5.5
Marriages ¹	179,000	179,000	7.2	7.2	761,000	784,000	6.3	6.5	2,164,000	2,252,000	7.4	7.8	8.0
Divorces ²	---	---	---	---	---	---	---	---	---	---	3.8	3.8	4.0
Population base (in millions) . . . . .	...	...	293.1	290.9	...	...	...	...	...	...	292.7	289.7	286.7

... 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, Georgia, 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). The provisional information in this report is based on a combination of counts of events (some of which may not have occurred in the specified month of this report) and registered vital events. Although monthly provisional data may be updated during the course of a data year, once the provisional data year has ended, updates cease. Thus, provisional data for a given year may not accurately reflect the final number of events registered.

Tables A and B provide monthly, year-to-date, and 12-month ending counts and rates by place of occurrence 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. These data 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 tables 1 and 2 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, deaths, and infant deaths, respectively. Monthly State marriage and divorce figures shown in table 3 represent the actual count of all events occurring in the State (State of occurrence) that were received in the registration offices during the 1-month period. Divorce figures include reported annulments.

Table B. Provisional number of live births, marriages, deaths, and infant deaths and rates, by month: United States, January 2003–May 2004

[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 ²	Number	Rate per 1,000 population	Number	Rate per 1,000 live births
			Unadjusted	Seasonally adjusted ¹						
2003:										
January	330,000	13.4	62.5	65.3	141,000	5.7	224,000	9.1	2,400	7.1
February	307,000	13.8	64.5	65.6	146,000	6.6	200,000	9.0	2,100	6.9
March	337,000	13.7	63.9	65.4	150,000	6.1	212,000	8.6	2,300	6.9
April	330,000	13.8	64.7	65.5	168,000	7.0	194,000	8.1	2,200	6.7
May	346,000	14.0	65.6	66.0	179,000	7.2	197,000	8.0	2,300	6.8
June	338,000	14.1	66.1	65.3	229,000	9.6	193,000	8.1	2,300	7.0
July	365,000	14.7	69.1	66.1	221,000	8.9	192,000	7.7	2,400	6.6
August	361,000	14.6	68.3	65.8	215,000	8.7	188,000	7.6	2,300	6.4
September	360,000	15.0	70.3	66.5	217,000	9.0	192,000	8.0	2,300	6.6
October	354,000	14.3	66.9	67.5	207,000	8.4	204,000	8.2	2,400	6.8
November	322,000	13.4	62.8	65.2	156,000	6.5	197,000	8.2	2,200	6.7
December	342,000	13.8	64.7	65.3	158,000	6.3	230,000	9.3	2,300	6.6
2004:										
January	332,000	13.4	63.2	66.0	146,000	5.9	236,000	9.5	2,300	6.9
February	316,000	13.6	64.3	65.4	137,000	5.9	200,000	8.6	2,200	6.9
March	346,000	14.0	65.9	67.4	149,000	6.0	214,000	8.6	2,300	6.7
April	333,000	13.9	65.5	66.3	151,000	6.3	197,000	8.2	2,100	6.3
May	338,000	13.6	64.2	64.6	179,000	7.2	194,000	7.8	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).

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."

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.

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 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, Georgia, 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). Because 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.

List of Detailed Tables

1. Provisional number of live births and deaths: Each State, May 2003 and 2004, and cumulative figures, 2002–04 4
2. Provisional number of deaths under 1 year and infant mortality rates: Each State, 12 months ending with May 2003 and 2004 5
3. Provisional number of marriages and divorces: Each State, May 2003 and 2004, and cumulative figures, 2002–04. 6

Table 1. Provisional number of live births and deaths: Each State, May 2003 and 2004, and cumulative figures, 2002–04

[Data are estimates by State of residence]

Area	Live births					Deaths				
	May		January–May			May		January–May		
	2004	2003	2004	2003	2002	2004	2003	2004	2003	2002
Alabama	4,761	4,819	23,486	23,604	24,084	3,795	3,710	20,003	19,768	20,084
Alaska	875	822	4,283	4,127	4,074	254	278	1,171	1,297	1,259
Arizona	7,260	7,374	37,052	36,157	34,748	3,550	3,747	18,826	18,722	19,233
Arkansas	3,000	3,043	15,422	15,236	15,384	2,217	2,298	12,091	11,666	12,285
California	43,501	46,009	216,905	219,013	212,473	19,526	17,837	101,164	92,358	102,607
Colorado	5,793	6,216	27,976	28,799	28,078	2,282	2,497	12,101	12,510	12,654
Connecticut	3,614	3,850	17,313	17,695	17,336	2,235	2,292	12,328	12,408	12,917
Delaware	943	986	4,694	4,743	4,525	571	564	3,124	3,043	3,028
District of Columbia	622	629	3,009	3,010	3,088	410	479	2,297	2,370	2,409
Florida	17,988	17,343	87,416	84,698	82,514	13,741	13,879	74,574	73,399	73,854
Georgia	11,217	11,310	55,791	54,773	54,083	5,348	5,447	28,773	28,277	28,373
Hawaii	1,558	1,575	7,496	7,286	6,969	757	758	3,928	3,728	3,733
Idaho	1,929	1,922	9,196	8,906	8,715	878	887	4,248	4,288	4,201
Illinois	15,310	15,720	74,175	73,563	73,171	8,070	8,435	44,404	44,697	45,934
Indiana	6,340	7,407	33,563	34,802	34,631	4,304	4,533	23,352	23,496	23,949
Iowa	3,131	3,444	15,751	15,761	15,368	2,129	2,322	11,616	12,055	12,135
Kansas	3,303	3,484	16,457	16,514	16,299	1,906	1,972	10,434	10,518	11,000
Kentucky	4,457	4,659	22,415	21,977	21,784	3,109	3,344	17,093	16,987	17,921
Louisiana	4,887	5,243	25,747	25,565	25,884	3,294	3,391	17,903	18,008	18,100
Maine	1,196	1,195	5,692	5,677	5,446	1,006	1,007	5,333	5,387	5,543
Maryland	6,148	6,475	30,701	30,466	30,001	3,461	3,672	18,828	18,880	19,051
Massachusetts	6,660	7,034	32,113	32,875	33,168	5,044	4,284	24,415	23,596	24,735
Michigan	11,199	11,370	54,179	53,611	53,610	6,796	7,008	36,467	36,346	37,503
Minnesota	6,084	6,281	29,289	28,513	27,843	3,097	3,015	16,042	15,946	16,635
Mississippi	3,332	3,288	16,830	16,551	16,624	2,132	2,332	11,990	12,164	12,492
Missouri	6,211	6,311	31,155	30,482	30,188	4,468	4,557	23,412	23,351	24,202
Montana	1,038	1,012	4,681	4,690	4,549	657	636	3,424	3,395	3,529
Nebraska	2,187	2,263	10,715	10,430	10,130	1,199	1,258	6,317	6,552	6,796
Nevada	2,708	2,959	13,950	13,477	13,139	1,434	1,493	7,577	7,456	7,289
New Hampshire	1,347	1,338	6,280	5,998	5,950	684	709	4,230	4,050	4,305
New Jersey	9,824	10,115	47,303	47,362	46,686	5,728	5,903	32,794	31,399	32,323
New Mexico	2,256	2,329	11,273	11,097	11,188	1,206	1,242	6,136	6,196	6,303
New York	21,655	22,263	106,049	106,183	105,543	11,610	12,529	65,632	66,556	68,370
North Carolina	9,646	9,829	48,065	47,432	47,807	5,883	5,916	31,258	30,907	31,010
North Dakota	701	698	3,330	3,221	3,183	464	496	2,371	2,612	2,541
Ohio	12,479	12,803	61,427	60,800	60,617	8,655	8,781	47,250	46,038	47,703
Oklahoma	3,980	4,181	20,383	20,548	20,420	2,841	2,799	14,897	14,954	15,403
Oregon	3,932	4,065	18,557	18,835	18,610	2,524	2,526	12,981	12,983	13,515
Pennsylvania	11,737	11,447	58,143	56,228	58,018	10,139	10,358	56,124	55,213	56,373
Rhode Island	790	1,113	5,033	5,277	5,223	818	787	4,345	4,284	4,428
South Carolina	4,591	4,533	22,993	22,505	22,185	2,998	3,158	16,063	16,123	16,226
South Dakota	947	973	4,653	4,436	4,425	552	572	2,854	2,971	3,053
Tennessee	7,068	6,474	31,347	31,634	31,571	4,430	4,583	23,911	23,758	24,293
Texas	30,440	30,979	151,584	150,492	147,843	11,807	12,759	64,459	65,366	68,643
Utah	4,453	4,531	21,306	20,719	20,402	1,170	1,102	5,757	5,547	5,604
Vermont	550	572	2,722	2,698	2,701	378	432	2,072	2,124	2,147
Virginia	8,561	8,598	42,289	40,779	40,496	4,469	4,633	24,331	24,321	25,003
Washington	7,035	7,071	33,707	32,876	32,837	4,790	3,872	19,704	19,100	19,626
West Virginia	1,763	1,717	8,460	8,296	8,361	1,615	1,682	8,950	8,646	8,987
Wisconsin	5,935	6,200	29,211	28,429	28,121	3,747	3,840	19,947	19,840	20,000
Wyoming	593	587	2,760	2,640	2,581	277	334	1,546	1,712	1,791
Puerto Rico	3,855	4,005	19,884	20,268	20,994	2,280	2,366	12,051	11,670	11,763

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 May 2003 and 2004

[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 May			
	2004		2003	
	Number	Rate	Number	Rate
Alabama	490	8.3	492	8.5
Alaska	57	5.6	62	6.2
Arizona	599	6.5	583	6.5
Arkansas	353	9.2	307	8.1
California	2,679	5.0	2,584	4.8
Colorado	422	6.2	392	5.7
Connecticut	225	5.3	235	5.5
Delaware	92	8.1	102	9.0
District of Columbia	69	9.3	72	9.5
Florida	1,550	7.2	1,522	7.3
Georgia	1,146	8.3	1,135	8.4
Hawaii	122	6.7	131	7.4
Idaho	158	7.1	120	5.7
Illinois	1,327	7.3	1,330	7.4
Indiana	664	7.8	633	7.4
Iowa	197	5.2	190	5.0
Kansas	269	6.6	293	7.2
Kentucky	323	5.8	362	6.7
Louisiana	595	9.1	625	9.7
Maine	59	4.3	68	4.9
Maryland	642	8.5	613	8.3
Massachusetts	412	5.2	363	4.5
Michigan	1,104	8.4	1,086	8.4
Minnesota	324	4.6	364	5.3
Mississippi	420	9.9	427	10.3
Missouri	536	7.0	595	8.0
Montana	73	6.4	72	6.4
Nebraska	157	6.0	172	6.8
Nevada	207	6.1	201	6.1
New Hampshire	68	4.6	58	4.0
New Jersey	610	5.2	654	5.7
New Mexico	172	6.2	166	6.0
New York	1,602	6.1	1,573	6.1
North Carolina	983	8.3	912	7.8
North Dakota	49	6.1	47	6.1
Ohio	1,165	7.8	1,155	7.8
Oklahoma	389	7.6	389	7.7
Oregon	278	6.1	257	5.7
Pennsylvania	979	6.8	1,064	7.6
Rhode Island	70	5.5	76	6.0
South Carolina	421	7.5	530	9.7
South Dakota	79	6.9	91	8.4
Tennessee	703	9.0	679	8.8
Texas	2,349	6.2	2,295	6.2
Utah	250	4.9	261	5.3
Vermont	33	5.0	31	4.9
Virginia	787	7.7	735	7.4
Washington	430	5.3	368	4.6
West Virginia	143	6.8	173	8.5
Wisconsin	420	5.9	451	6.6
Wyoming	46	6.8	52	7.9
Puerto Rico	394	7.8	492	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, May 2003 and 2004, and cumulative figures, 2002–04

[By State of occurrence. Divorces include reported annulments]

Area	Marriages					Divorces				
	May		January–May			May		January–May		
	2004	2003	2004	2003	2002	2004	2003	2004	2003	2002
Alabama	3,867	3,686	14,875	15,713	17,655	1,769	2,148	8,652	9,494	10,632
Alaska	333	482	1,539	1,874	1,587	104	336	754	1,558	1,246
Arizona ¹	3,320	3,551	16,320	15,890	16,218	1,858	2,168	9,588	10,182	11,903
Arkansas	3,001	3,500	13,623	13,671	15,504	1,553	1,572	6,640	6,931	7,020
California	7,273	12,423	63,971	78,220	73,383	---	---	---	---	---
Colorado	2,494	2,275	10,849	11,903	11,658	1,499	1,593	8,007	7,909	8,849
Connecticut	1,720	1,706	5,077	5,288	5,479	819	826	4,397	4,365	4,796
Delaware	350	478	1,137	1,623	1,786	204	102	1,053	1,032	1,214
District of Columbia	388	342	1,090	1,099	960	93	78	319	265	344
Florida	16,043	14,049	67,760	66,554	67,117	7,005	8,586	33,057	34,171	35,093
Georgia	5,531	2,742	24,608	17,503	20,373	---	2,592	---	15,438	10,719
Hawaii	2,591	2,635	10,625	10,546	10,321	---	---	---	---	1,743
Idaho	1,209	1,082	4,993	5,067	4,797	640	517	2,960	2,982	2,998
Illinois	6,669	7,603	24,950	26,449	26,773	2,886	3,166	13,635	14,246	15,357
Indiana	4,087	3,987	21,495	19,065	19,615	---	---	---	---	---
Iowa	1,625	2,043	5,548	6,308	5,978	672	865	3,438	3,189	3,885
Kansas	1,842	1,434	6,266	6,430	6,918	1,063	585	3,671	3,566	4,100
Kentucky	3,884	3,058	14,194	13,744	13,071	1,963	1,942	8,538	8,794	8,866
Louisiana	2,107	4,339	10,684	16,223	14,417	---	---	---	---	---
Maine	631	612	2,075	2,002	2,478	317	401	1,235	2,029	2,498
Maryland	2,883	3,320	10,785	12,151	13,126	1,037	1,456	5,343	6,229	7,323
Massachusetts	2,746	2,514	8,815	11,102	10,428	1,070	1,110	6,618	6,216	6,620
Michigan	4,341	5,120	17,230	18,338	19,064	2,926	2,931	14,592	15,865	15,765
Minnesota	2,731	2,634	8,214	8,863	8,893	1,162	1,222	6,072	6,105	6,543
Mississippi	1,504	1,492	6,494	6,648	7,108	1,330	919	5,715	5,620	5,934
Missouri	6,326	4,541	13,915	14,852	14,075	2,159	2,069	9,179	9,406	9,495
Montana	543	440	1,756	1,615	1,724	303	263	1,410	1,127	1,580
Nebraska	1,299	1,407	4,490	4,417	4,415	568	482	2,618	2,646	2,622
Nevada	12,792	12,082	59,169	58,741	60,495	1,189	1,406	5,070	6,684	6,215
New Hampshire	683	881	2,703	3,055	2,864	400	400	2,000	1,841	2,495
New Jersey	3,125	4,070	13,794	19,073	16,664	2,178	2,571	11,185	11,894	12,738
New Mexico ^{2,3}	651	1,020	4,250	5,009	6,335	759	717	3,974	3,422	3,346
New York ¹	9,150	10,157	40,710	42,915	47,737	6,100	5,009	24,730	28,345	28,216
North Carolina	5,442	4,424	24,432	16,370	23,534	3,078	2,570	15,824	10,679	15,809
North Dakota	280	265	1,086	1,178	1,165	151	160	765	688	711
Ohio	4,443	5,095	21,320	21,474	24,530	3,439	2,745	17,636	17,452	17,716
Oklahoma	---	---	---	---	---	---	---	---	---	---
Oregon	1,702	1,798	7,818	6,654	7,551	1,097	1,241	5,935	5,498	6,850
Pennsylvania	5,340	7,313	22,577	24,890	25,095	2,273	2,925	13,159	14,500	15,474
Rhode Island	836	817	2,383	2,394	2,314	229	269	1,445	1,454	1,426
South Carolina	5,546	3,521	10,905	10,661	14,791	1,458	1,531	5,053	4,767	5,700
South Dakota	476	503	1,743	1,860	1,826	201	216	970	998	1,099
Tennessee	5,431	5,182	23,748	29,090	30,176	2,422	3,836	12,440	12,237	12,801
Texas	14,540	12,999	66,100	64,233	74,122	7,903	7,790	34,623	30,962	35,356
Utah	949	1,299	3,897	4,528	8,461	749	749	3,546	3,597	4,014
Vermont	186	255	1,363	1,420	1,417	183	145	1,000	1,134	1,093
Virginia	6,110	5,362	22,161	21,787	22,863	2,682	2,273	12,518	11,789	12,685
Washington	3,025	2,032	14,652	13,067	12,221	1,249	2,020	8,836	11,225	11,330
West Virginia	1,049	925	3,690	4,401	4,880	551	815	3,026	3,668	4,224
Wisconsin	2,714	2,788	8,899	9,150	9,511	1,236	1,754	7,030	7,721	7,381
Wyoming	338	384	1,430	1,442	1,377	186	234	994	1,201	1,178
Puerto Rico	1,543	1,811	8,795	9,753	9,588	1,253	1,753	6,543	8,505	6,377

--- Data not available.

¹Figures for marriages are 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."

Acknowledgments

This report was prepared by Martha L. Munson and Paul D. Sutton, both in the Reproductive Statistics Branch (RSB) of the Division of Vital Statistics (DVS) under the general direction of Stephanie J. Ventura, Chief, RSB, and Charles J. Rothwell, Director, DVS. Betty L. Smith of the Mortality Statistics Branch assisted with review of the mortality data. Connie Gentry, Chrissy Jarman, Millie Johnson, Kryn Krautheim, Susan McBroom, and Pam Stephenson of the Data Acquisition and Evaluation Branch (DAEB) were responsible for acquisition of the provisional data. Brenda Green, David Justice, Jenny Justice, Adrienne Rouse, and Charles E. Sirc, also of DAEB, evaluated the quality of the provisional data. The report was edited by Kathy Sedgwick and typeset by Jacqueline M. Davis of the Office of Information Services, Information Design and Publishing Staff.

Copyright information

All material appearing in this report is in the public domain and may be reproduced or copied without permission; citation as to source, however, is appreciated.

Suggested citation

Munson ML, Sutton PD. Births, marriages, divorces, and deaths: Provisional data for May 2004. National vital statistics reports; vol 53 no 8. Hyattsville, Maryland: National Center for Health Statistics. 2004.

National Center for Health Statistics

Director, Edward J. Sondik, Ph.D.
Deputy Director, Jack R. Anderson

Division of Vital Statistics

Director, Charles J. Rothwell