National Vital Statistics Reports





Volume 53, Number 19 May 3, 2005

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

Table A. Provisional vital statistics for the United States, November 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"]

		November				January-November				12 months ending with November				
	Number		Rate		Number		Rate		Number		Rate			
Item	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003	2002	
Live births	190,000 2,100 144,000	322,000 197,000 2,200 125,000	13.8 65.7 7.8 6.1 6.0	13.4 62.8 8.2 6.7 5.2	3,770,000 2,178,000 24,900 1,592,000	3,750,000 2,193,000 25,200 1,557,000	14.0 66.4 8.1 6.6 5.9	14.1 65.9 8.2 6.8 5.9	4,113,000 2,408,000 27,100 1,705,000	4,080,000 2,408,000 27,500 1,672,000	14.0 66.3 8.2 6.6 5.8	14.0 65.6 8.3 6.7 5.7	14.0 64.8 8.4 6.9 5.6	
Marriages ¹	1/1,000	156,000	7.1	6.5	2,023,000	2,029,000	7.5	7.6	2,181,000	2,183,000	3.7	7.5 3.8	3.9	
Population base (in millions)			294.7	292.5							293.4	291.1	288.1	

^{...} Category not applicable.

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.



⁻⁻⁻ Data not available.

¹Marriage rates may be underestimated because of 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.

Table B. Provisional number of live births, marriages, deaths, and infant deaths and rates, by month: United States, January 2003-November 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"1

	Live births				N	Marriages	Deaths		Infant deaths		
			Rate per 1,000 women aged 15–44 years								
Period	Number	Rate per 1,000 population	Unadjusted	Seasonally adjusted ¹	Number	Rate per 1,000 population ²	Number	Rate per 1,000 population	Number	Rate per 1,000 live births	
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	334,000	13.5	63.5	66.4	146,000	5.9	236,000	9.5	2,400	7.1	
February	316,000	13.7	64.4	65.5	137,000	5.9	203,000	8.8	2,300	7.2	
March	347,000	14.0	66.0	67.6	149,000	6.0	212,000	8.5	2,300	6.7	
April	334,000	13.9	65.7	66.5	151,000	6.3	197,000	8.2	2,200	6.5	
May	338,000	13.6	64.4	64.8	183,000	7.4	195,000	7.9	2,300	6.7	
June	345,000	14.4	67.9	67.1	215,000	8.9	187,000	7.8	2,200	6.4	
July	359,000	14.4	68.3	65.4	232,000	9.3	191,000	7.7	2,400	6.8	
August	357,000	14.3	67.9	65.5	226,000	9.1	188,000	7.6	2,200	6.2	
September	356,000	14.8	70.0	66.3	222,000	9.2	186,000	7.7	2,300	6.5	
October		14.0	66.4	67.0	191,000	7.7	193,000	7.7	2,200	6.4	
November	334,000	13.8	65.7	68.1	171,000	7.1	190,000	7.8	2,100	6.1	

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)

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

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.

Because of incomplete reporting, marriage and divorce counts for Oklahoma are not included in table 3 showing provisional data by State. 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.

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

List of Detailed Tables

1.	Provisional number of live births and deaths: Each State, November	
	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 November 2003 and	
	2004	5
3.	Provisional number of marriages and divorces: Each State,	
	November 2003 and 2004, and cumulative figures, 2002–04	6

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

[Data are estimates by State of residence]

			Live births			Deaths					
	Nove	ember	Ja	nuary-Noveml	per	November		Ja	nuary-Novemb	ber	
Area	2004	2003	2004	2003	2002	2004	2003	2004	2003	2002	
Alabama	5,072	4,705	53,978	53,917	53,547	3,646	3,774	41,795	41,739	41,723	
Alaska	811	762	9,456	9,245	9,133	252	232	2,758	2,888	2,769	
Arizona	8,037	7,232	85,623	83,003	80,274	3,373	3,492	39,233	39,040	39,070	
Arkansas	3,195	2,993	35,235	34,706	34,606	2,102	2,356	25,110	25,025	25,929	
California	45,414	42,350	499,184	495,747	485,332	19,795	15,047	214,975	201,526	213,056	
Colorado	5,552	5,194	62,899	63,739	62,920	2,325	2,442	25,819	26,643	26,673	
Connecticut	3,307	3,281	38,739	39,791	39,151	2,386	2,385	26,421	26,369	27,183	
Delaware	924	931	10,499	10,546	10,178	571	559	6,479	6,496	6,309	
District of Columbia	620	583	6,826	6,829	7,002	425	406	4,870	4,974	5,133	
Florida	18,387	17,189	198,597	193,511	187,507	13,240	13,374	154,217	152,617	152,989	
Georgia	11,438	10,891	126,838	124,606	122,490	5,238	5,379	59,826	59,836	59,615	
Hawaii	1,423	1,509	16,675	16,503	15,952	590	745	8,124	8,148	7,957	
Idaho	1,819	1,634	20,625	20,026	19,275	881	945	9,174	9,505	8,993	
Illinois	13,222	14,073	164,373	166,939	165,932	8,401	8,455	93,589	95,319	96,738	
Indiana	6,941	6,872	79,870	79,615	78,191	4,675	4,492	49,117	50,263	50,115	
lowa	3,123	2,899	35,203	35,095	34,628	2,282	2,254	24,603	25,263	25,433	
Kansas	3,220	3,116	36,936	37,193	36,896	1,941	2,109	21,816	22,242	22,917	
Kentucky	4,599	4,327	50,829	50,355	49,562	2,919	3,224	35,316	36,195	36,694	
Louisiana.	5,419	5,312	59,412	59,188	59,166	3,240	3,615	38,189	38,612	38,238	
Maine	1,068	1,072	12,733	12,754	12,525	932	973	11,240	11,287	11,588	
	6,007	5,861	68,742	69,109	67,280	3,495	3,624	39,498	40,202	40,104	
Maryland	,		72,228			4,184		48,382		51,534	
Massachusetts	6,246	6,197 9,978	119,278	74,024	74,497	6,938	6,412	40,302 77,525	52,482	80,115	
Michigan	10,176			120,345	119,467		7,069		78,549		
Minnesota	5,639	5,423	64,875	64,536	62,727	3,006	3,156	33,672	34,159	35,127	
Mississippi	3,699	3,837	38,871	38,173	37,972	2,122	1,937	25,297	25,071	26,278	
Missouri	6,236	5,826	70,637	69,593	68,181	4,359	4,475	49,117	49,553	50,635	
Montana	915	847	10,651	10,484	10,154	646	729	7,412	7,498	7,762	
Nebraska	2,144	2,011	24,035	23,644	22,979	1,213	1,304	13,431	13,871	14,217	
Nevada	2,927	2,689	32,105	30,738	29,974	1,435	1,578	16,253	16,065	15,297	
New Hampshire	1,048	1,050	13,582	13,217	13,355	880	797	9,211	8,832	9,037	
New Jersey	9,061	9,027	105,818	107,268	105,524	5,430	5,962	65,521	66,581	67,004	
New Mexico	2,269	2,197	25,836	25,342	25,467	1,071	1,245	12,833	13,181	13,053	
New York	20,539	20,482	237,124	239,649	236,802	11,708	12,779	138,704	142,360	144,063	
North Carolina	10,067	9,406	109,524	108,252	107,321	5,929	5,930	65,961	65,844	65,245	
North Dakota	642	612	7,534	7,292	7,047	485	519	5,122	5,555	5,397	
Ohio	11,564	11,523	136,016	137,168	136,572	7,509	9,396	95,200	97,845	99,954	
Oklahoma	4,240	3,920	46,749	46,690	46,005	2,807	3,043	31,533	32,170	32,275	
Oregon	3,567	3,550	41,762	42,250	41,528	2,414	2,629	27,658	27,997	28,481	
Pennsylvania	11,965	12,145	131,287	130,776	130,599	9,808	9,865	115,611	116,456	118,553	
Rhode Island	923	1,005	11,592	12,045	11,617	817	785	8,960	9,074	9,297	
South Carolina	4,715	4,485	51,639	51,027	49,936	2,504	3,040	33,237	34,333	34,234	
South Dakota	991	884	10,564	10,328	9,962	553	592	6,217	6,392	6,407	
Tennessee	6,691	6,283	72,593	72,104	70,989	4,575	4,765	50,580	51,021	51,081	
Texas	31,829	30,104	349,774	344,914	339,682	11,141	13,034	135,936	139,599	143,458	
Utah	3,835	3,704	46,694	45,975	45,257	1,053	1,156	12,201	12,062	11,999	
Vermont	513	483	6,002	6,070	5,905	398	413	4,516	4,554	4,584	
Virginia	8,251	7,891	95,432	92,798	91,438	4,671	4,737	51,624	52,159	52,193	
Washington	6,353	6,041	75,230	73,931	72,794	3,460	3,581	39,831	40,778	41,253	
West Virginia	1,620	1,613	19,000	19,009	18,787	1,712	1,803	18,799	18,852	18,916	
Wisconsin	5,509	5,276	64,365	64,318	62,851	3,709	3,866	41,656	41,829	42,683	
Wyoming	541	518	6,177	6,063	5,990	278	353	3,545	3,750	3,808	
Puerto Rico	4,394	4,180	46,199	45,995	48,105	1,956	1,948	25,347	24,889	25,733	
	,	,	-,	-,	-,	,	,	-,	,	-,	

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 November 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]

12 months ending with November 2004 2003 Rate Area Number Rate Number 504 8.5 502 8.5 65 6.3 60 6.0 Arizona..... 632 6.8 586 6.5 346 328 8.6 Arkansas....... 9.0 2,769 5.1 2,599 4.8 438 6.4 408 5.9 232 5.5 230 5.3 86 7.5 100 8.7 9.5 82 11.0 71 1,509 6.9 1,567 7.4 1.170 8.4 8.4 1,139 103 5.6 132 7.3 156 7.0 148 6.8 Idaho....... 1.229 6.9 1,384 7.6 669 7.7 649 7.5 202 200 5.2 5.3 286 7.1 267 6.6 335 6.0 367 6.7 Kentucky....... 634 93 9.7 600 79 5.7 63 4.6 649 8.6 639 8.5 Massachusetts 333 4.2 429 5.3 994 7.6 1,123 8.6 343 4.6 4.9 322 Mississippi..... 390 9.1 430 10.3 540 7.0 601 7.9 Missouri 56 4.8 78 6.9 181 6.9 147 5.7 204 225 6.4 6.2 83 5.6 55 3.8 571 676 5.8 4.9 159 5.6 160 5.8 1,571 6.1 1,649 6.3 1,024 925 7.8 8.6 45 5.5 51 6.4 1,144 1,162 7.8 7.7 415 8.1 372 7.3 261 5.7 273 6.0 1.010 7.2 7.1 1,010 57 4.5 77 5.9 472 8.4 468 8.4 88 7.7 76 6.8 Tennessee..... 681 8.6 704 9.0 2.284 6.0 2.404 6.4 Texas 254 5.0 256 5.1 31 4.8 5.0 33 733 7.1 747 7.4 404 5.0 395 4.9 7.9 125 6.0 162 414 5.9 445 6.4 7.3 64 9.5 48 Wyoming..... 407 7.9 464 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, November 2003 and 2004, and cumulative figures, 2002–04

[By State of occurrence. Divorces include reported annulments]

			Marriages			Divorces					
•	Nove	ember	Ja	nuary-Novemb	per	Nove	ember	Ja	nuary-Novem	ber	
Area	2004	2003	2004	2003	2002	2004	2003	2004	2003	2002	
Alabama	3,106	2,822	37,498	38,112	40,922	1,619	1,717	19,959	20,942	22,402	
Alaska	363	287	5,021	5,185	4,923	416	67	2,931	3,053	2,713	
Arizona ¹	3,268	2,639	34,600	33,281	33,633	2,017	1,833	22,193	21,986	23,796	
Arkansas	2,725	2,430	33,423	33,523	35,976	1,329	1,198	16,110	15,084	15,345	
California	9,262	12,981	154,622	184,885	202,230						
Colorado	2,781	2,317	32,265	34,013	33,474	1,633	1,459	18,484	17,421	19,262	
Connecticut	998	1,098	15,513	15,790	18,502	932	726	9,511	9,397	10,499	
Delaware		742		4,354	4,896	221	952	2,057	3,821	2,556	
District of Columbia	152	152	2,812	2,814	2,796	115	69	864	641	915	
Florida	11,993	10,512	143,359	142,224	145,203	7,005	6,008	76,125	76,479	78,603	
Georgia	5,202	5,314	59,853	55,095	51,639	7,005	2,292	70,123	32,226	20,393	
	2,243	1,775	26,533	24,872	24,005					4,311	
Hawaii	1,069	817				528	430	6,400	6,413	6,476	
Idaho	,		14,400	13,713	13,686			,	,	,	
Illinois	5,911	5,171	74,943	76,386	77,602	2,994	2,481	29,965	31,457	33,857	
Indiana	3,912	4,618	44,809	42,196	45,472	700		7.750	7.040	0.004	
lowa	1,820	1,297	19,446	19,072	19,372	766	537	7,753	7,040	8,291	
Kansas	2,117	1,436	17,858	17,749	18,512	695	784	8,350	8,070	8,928	
Kentucky	3,134	2,821	34,315	35,543	34,334	1,605	1,456	18,591	18,901	19,375	
Louisiana	2,110	3,295	26,938	35,497	33,826						
Maine	837	341	10,326	8,969	10,358	371	214	4,173	5,127	5,430	
Maryland	2,654	2,464	35,062	35,024	36,406	1,223	976	15,200	14,063	16,651	
Massachusetts	3,303	3,522	38,144	33,416	35,905	1,595	948	13,058	14,941	14,811	
Michigan	3,883	3,536	59,319	59,624	61,558	2,763	2,263	32,367	33,283	34,720	
Minnesota	1,698	1,524	28,626	30,556	31,273	959	1,121	12,924	13,442	14,159	
Mississippi	1,139	1,413	16,425	16,234	16,953	592	880	11,850	12,420	13,027	
Missouri	2,422	1,942	34,090	37,860	39,162	1,778	1,954	20,356	20,633	20,656	
Montana	351	249	6,478	6,156	6,093	261	250	3,205	2,742	3,332	
Nebraska	773	701	12,138	11,594	12,126	585	553	5,839	5,584	5,639	
Nevada	11,827	10,124	133,783	128,674	135,267	1,359	1,307	13,483	13,859	14,074	
New Hampshire	516	693	9,312	10,078	9,984	76	400	2,989	4,241	5,080	
New Jersey	5,235	4,349	45,597	50,752	48,344	1,687	1,687	23,808	25,167	26,943	
New Mexico ^{2,3}	904	768	13,058	11,847	13,656	620	162	8,212	6,076	7,432	
New York ¹	10,768	10,168	113,355	110,515	131,240	3,600	3,250	53,430	57,894	59,832	
North Carolina	6,113	6,701	61,604	57,098	59,259	2,950	5,704	34,625	32,406	34,232	
North Dakota	317	313	3,868	4,203	4,058	163	115	1,619	1,545	1,659	
Ohio	8.090	8,595	71,412	66,897	75,546	4,335	4,144	39,675	37,361	42,299	
Oklahoma											
Oregon	1,689	1,589	27,520	22,814	23,353	1,488	1,549	13,586	13,403	14,629	
Pennsylvania	3,766	4,549	59,688	68,814	66,591	2,515	3,256	28,493	33,425	34,601	
Rhode Island	449	506	7,747	7,828	7,836	292	234	3,033	3,110	3,156	
South Carolina	2,684	2,901	30,455	30,956	35,600	1,156	1,248	12,071	11,884	12,856	
South Dakota	292	276	6,147	6,034	6,378	239	188	2,271	2,264	2,303	
Tennessee	5,648	3,940	60,954	67,418	70,586	2,210	2,599	27,372	27,067	27,659	
Texas	17,618	7,684	173,663		168,476	6,019	7,382	75,121	,	78,198	
				148,677			7,362		74,454		
Utah	1,049 588	700 521	12,293	13,523	22,147	799 107	749 349	8,390	8,143	8,723 2,356	
Vermont		521	5,564	5,696	5,674	107		2,238	2,565		
Virginia	4,366	4,400	58,350	56,895	58,243	2,458	2,381	27,442	26,650	27,918	
Washington	4,662	3,294	37,654	38,624	36,970	1,795	1,543	21,736	24,468	25,442	
West Virginia	1,143	1,599	12,047	13,157	13,569	668	885	7,640	8,250	8,839	
Wisconsin	2,259	2,114	32,490	32,707	32,607	1,461	1,584	15,579	16,471	16,032	
Wyoming	237	307	4,446	4,450	4,439	242	181	2,432	2,533	2,471	
Puerto Rico	2,022	1,682	20,549	21,240	22,302	998	1,159	14,651	15,589	14,746	

⁻⁻⁻ Data not available.

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

¹Figures for marriages are licenses issued for some counties.

²Figures for marriages are marriage licenses issued.

³Figures for divorces include estimates for some counties.

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, 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, Kryn Krautheim, Adrienne Rouse, and Charles E. Sirc, also of DAEB, evaluated the quality of the provisional data. The report was edited by NOVA contractor Kathy Sedgwick under the direction of NCHS senior editor Demarius V. Miller and typeset by Jacqueline M. Davis of the Office of Information Services, Information Design and Publishing Staff.

Suggested citation

Munson ML, Sutton PD. Births, marriages, divorces, and deaths: Provisional data for November 2004. National vital statistics reports; vol 53 no 19. Hyattsville, Maryland: National Center for Health Statistics. 2005.

National Center for Health Statistics

Director, Edward J. Sondik, Ph.D.

Acting Co-Deputy Directors

Jennifer H. Madans, Ph.D.

Michael H. Sadagursky

Division of Vital Statistics

Director, Charles J. Rothwell

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.