

## Births, Deaths, Marriages, and Divorces

This section presents vital statistics data on births, deaths, abortions, fetal deaths, fertility, life expectancy, marriages, and divorces. Vital statistics are compiled for the country as a whole by the National Center for Health Statistics (NCHS) and published in its annual report, *Vital Statistics of the United States*, in certain reports of the *Vital and Health Statistics* series, *National Vital Statistics Reports and Health, United States*. Reports in this field are also issued by the various state bureaus of vital statistics. Data on fertility and selected characteristics of women who had a child in the last year, and on marital status and marital history are compiled by the U.S. Census Bureau from its Current Population Survey (CPS; see text, Section 1) and published in *Current Population Reports*, P20 Series. Data on abortions are published by the Alan Guttmacher Institute, New York, NY, in selected issues of *Perspectives on Sexual and Reproductive Health* online at [www.guttmacher.org/sections/abortion.php](http://www.guttmacher.org/sections/abortion.php).

**Registration of vital events**—The registration of births, deaths, fetal deaths, and other vital events in the United States is primarily a state and local function. There are 57 vital registration jurisdictions in the U.S.: the fifty states, five territories (Puerto Rico, etc.) District of Columbia, and New York City. Each of the 57 jurisdictions has a direct statistical reporting relationship with NCHS. Vital events occurring to U.S. residents outside the United States are not included in the data.

**Births and deaths**—The live-birth, death, and fetal-death statistics prepared by NCHS are based on vital records filed in the registration offices of all states, New York City, and the District of Columbia. The annual collection of death statistics on a national basis began in 1900 with a national death-registration area of ten states and the District of Columbia; a similar annual collection of birth statistics for a national birth-registration area began in 1915, also with ten reporting

states and the District of Columbia. Since 1933, the birth- and death-registration areas have comprised the entire United States, including Alaska (beginning 1959) and Hawaii (beginning 1960). National statistics on fetal deaths were first compiled for 1918 and annually since 1922.

Prior to 1951, birth statistics came from a complete count of records received in the Public Health Service (now received in NCHS). From 1951 through 1971, they were based on a 50-percent sample of all registered births (except for a complete count in 1955 and a 20- to 50-percent sample in 1967). Beginning in 1972, they have been based on a complete count for states participating in the Vital Statistics Cooperative Program (VSCP) (for details, see the technical appendix in *Vital Statistics of the United States*) and on a 50-percent sample of all other areas. Beginning in 1986, all reporting areas participated in the VSCP. Mortality data have been based on a complete count of records for each area (except for a 50-percent sample in 1972). Beginning in 1970, births to and deaths of nonresident aliens of the United States and U.S. citizens outside the United States have been excluded from the data. Fetal deaths and deaths among Armed Forces abroad are excluded. Data based on samples are subject to sampling error; for details, see annual issues of *Vital Statistics of the United States*.

Mortality statistics by cause of death are compiled in accordance with World Health Organization regulations according to the *International Classification of Diseases* (ICD). The ICD is revised approximately every 10 years. The tenth revision of the ICD was employed beginning in 1999. Deaths for prior years were classified according to the revision of the ICD in use at the time. Each revision of the ICD introduces a number of discontinuities in mortality statistics; for a discussion of those between the ninth and tenth revisions of the ICD, see *National Vital Statistics*

*Reports*, Vol. 56, Nos. 2 and 10. Preliminary mortality data are based on a percentage of death records weighted up to the total number of deaths reported for the given year; for a discussion of preliminary data, see *National Vital Statistics Reports*, Vol. 56, No. 16. Information on tests of statistical significance, differences between death rates, and standard errors can also be found in the reports mentioned above.

Some of the tables present age-adjusted death rates in addition to crude death rates. Age-adjusted death rates shown in this section were prepared using the direct method, in which age-specific death rates for a population of interest are applied to a standard population distributed by age. Age adjustment eliminates the differences in observed rates between points in time or among compared population groups that result from age differences in population composition.

**Fertility and life expectancy**—The total fertility rate, defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors that affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Census Bureau. NCHS figures are based on information in birth and fetal death certificates and on the periodic National Surveys of Family Growth; Census Bureau data are based on decennial censuses and the CPS.

Data on life expectancy, the average remaining lifetime in years for persons who attain a given age, are computed and published by NCHS. For details, see *National Vital Statistics Reports*, Vol. 57, No. 14 and <<http://www.cdc.gov/nchs/fastats/lifexpec.htm>>.

**Marriage and divorce**—In 1957 and 1958 respectively, the National Office of Vital Statistics established marriage- and divorce-registration areas. Beginning in 1957, the marriage-registration area comprised 30 states, plus Alaska, Hawaii, Puerto Rico, and the Virgin Islands; it currently includes 42 states and the District

of Columbia. The divorce-registration area, starting in 1958 with 14 states, Alaska, Hawaii, and the Virgin Islands, currently includes a total of 31 states and the Virgin Islands. Procedures for estimating the number of marriages and divorces in the registration states are discussed in *Vital Statistics of the United States*, Vol. III—Marriage and Divorce. Total counts of events for registration and nonregistration states are gathered by collecting already summarized data on marriages and divorces reported by state offices of vital statistics and by county offices of registration. The collection and publication of detailed marriage and divorce statistics was suspended beginning in January 1996. For additional information, contact the National Center for Health Statistics online at <<http://www.cdc.gov/nchs/datawh/datasite/frnotice.htm>>.

**Vital statistics rates**—Except as noted, vital statistics rates computed by NCHS are based on decennial census population figures as of April 1 for 1960, 1970, 1980, 1990, and 2000; and on midyear population figures for other years, as estimated by the Census Bureau (see text, Section 1).

**Race**—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. The Census Bureau's Current Population Survey obtains information on race by asking respondents to classify their race as (1) White, (2) Black, (3) American Indian or Alaska Native, (4) Native Hawaiian or Other Pacific Islander, and (5) Asian.

Beginning with the 1989 data year, NCHS is tabulating its birth data primarily by race of the mother. In 1988 and prior years, births were tabulated by race of the child, which was determined from the race of the parents as entered on the birth certificate.

Trend data by race shown in this section are by race of mother beginning with the 1980 data. Hispanic origin of the mother is reported and tabulated independently of race. Thus, persons of Hispanic origin may be any race. The majority of women of Hispanic origin are reported as White.

**Statistical reliability**—For a discussion of statistical collection, estimation, and sampling procedures and measures of reliability applicable to data from NCHS and the Census Bureau, see Appendix III.

**Table 78. Live Births, Deaths, Marriages, and Divorces: 1960 to 2007**

[4,258 represents 4,258,000. Beginning 1970, excludes births to, and deaths of nonresidents of the United States. See Appendix III]

Year	Number				Rate per 1,000 population					
	Births (1,000)	Deaths		Marriages <sup>2</sup> (1,000)	Divorces <sup>3</sup> (1,000)	Births	Deaths		Marriages <sup>2</sup>	Divorces <sup>3</sup>
		Total (1,000)	Infant <sup>1</sup> (1,000)				Total	Infant <sup>1</sup>		
1960	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
1970	3,731	1,921	75	2,159	708	18.4	9.5	20.0	10.6	3.5
1971	3,556	1,928	68	2,190	773	17.2	9.3	19.1	10.6	3.7
1972	3,258	1,964	60	2,282	845	15.6	9.4	18.5	10.9	4.0
1973	3,137	1,973	56	2,284	915	14.8	9.3	17.7	10.8	4.3
1974	3,160	1,934	53	2,230	977	14.8	9.1	16.7	10.5	4.6
1975	3,144	1,893	51	2,153	1,036	14.6	8.8	16.1	10.0	4.8
1976	3,168	1,909	48	2,155	1,083	14.6	8.8	15.2	9.9	5.0
1977	3,327	1,900	47	2,178	1,091	15.1	8.6	14.1	9.9	5.0
1978	3,333	1,928	46	2,282	1,130	15.0	8.7	13.8	10.3	5.1
1979	3,494	1,914	46	2,331	1,181	15.6	8.5	13.1	10.4	5.3
1980	3,612	1,990	46	2,390	1,189	15.9	8.8	12.6	10.6	5.2
1981	3,629	1,978	43	2,422	1,213	15.8	8.6	11.9	10.6	5.3
1982	3,681	1,975	42	2,456	1,170	15.9	8.5	11.5	10.6	5.1
1983	3,639	2,019	41	2,446	1,158	15.6	8.6	11.2	10.5	5.0
1984	3,669	2,039	40	2,477	1,169	15.6	8.6	10.8	10.5	5.0
1985	3,761	2,086	40	2,413	1,190	15.8	8.8	10.6	10.1	5.0
1986	3,757	2,105	39	2,407	1,178	15.6	8.8	10.4	10.0	4.9
1987	3,809	2,123	38	2,403	1,166	15.7	8.8	10.1	9.9	4.8
1988	3,910	2,168	39	2,396	1,167	16.0	8.9	10.0	9.8	4.8
1989	4,041	2,150	40	2,403	1,157	16.4	8.7	9.8	9.7	4.7
1990	4,158	2,148	38	2,443	1,182	16.7	8.6	9.2	9.8	4.7
1991	4,111	2,170	37	2,371	1,187	16.2	8.6	8.9	9.4	4.7
1992	4,065	2,176	35	2,362	1,215	15.8	8.5	8.5	9.3	4.8
1993	4,000	2,269	33	2,334	1,187	15.4	8.8	8.4	9.0	4.6
1994	3,953	2,279	31	2,362	1,191	15.0	8.8	8.0	9.1	4.6
1995	3,900	2,312	30	2,336	1,169	14.6	8.7	7.6	8.9	4.4
1996	3,891	2,315	28	2,344	1,150	14.4	8.6	7.3	8.8	4.3
1997	3,881	2,314	28	2,384	1,163	14.2	8.5	7.2	8.9	4.3
1998 <sup>4</sup>	3,942	2,337	28	2,244	1,135	14.3	8.5	7.2	8.4	4.2
1999 <sup>4</sup>	3,959	2,391	28	2,358	(NA)	14.2	8.6	7.1	8.6	4.1
2000 <sup>4</sup>	4,059	2,403	28	2,329	(NA)	14.4	8.5	6.9	8.3	4.1
2001 <sup>4</sup>	4,026	2,416	28	2,345	(NA)	14.1	8.5	6.8	8.2	4.0
2002 <sup>5</sup>	4,022	2,443	28	2,254	(NA)	13.9	8.5	7.0	7.8	3.9
2003 <sup>5</sup>	4,090	2,448	28	2,245	(NA)	14.1	8.4	6.9	7.7	3.8
2004 <sup>5</sup>	4,112	2,398	28	2,279	(NA)	14.0	8.2	6.8	7.8	3.7
2005 <sup>5</sup>	4,138	2,448	28	2,249	(NA)	14.0	8.3	6.9	7.6	3.6
2006 <sup>5,7</sup>	4,266	2,426	29	2,160	(NA)	14.2	8.1	6.7	7.4	3.7
2007 <sup>5,7</sup>	4,317	2,424	29	2,205	(NA)	14.3	8.0	6.6	7.3	3.6

NA Not available. <sup>1</sup> Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. <sup>2</sup> Includes estimates for some states through 1965 and also for 1976 and 1977, and marriage licenses for some states for all years except 1973 and 1975. Beginning 1978, includes nonlicensed marriages in California. <sup>3</sup> Includes reported annulments and some estimated state figures for all years. <sup>4</sup> Divorce rate excludes data for California, Colorado, Indiana, and Louisiana; population for this rate also excludes these states. <sup>5</sup> Divorce rates exclude data for California, Georgia, Hawaii, Indiana, Louisiana, and Minnesota in 2005 and 2006; California, Georgia, Hawaii, Indiana, and Louisiana in 2004; California, Hawaii, Indiana, Louisiana, and Oklahoma in 2003; and California, Indiana, and Oklahoma in 2002. Populations for these rates also exclude these states. <sup>6</sup> Provisional data. Includes nonresidents. <sup>7</sup> Preliminary data. For births and deaths. <sup>8</sup> Excludes Louisiana.

**Table 79. Live Births, Birth Rates, and Fertility Rates by Hispanic-Origin Status: 2000 to 2007**

[4,059 represents 4,059,000. Represents registered births. Excludes births to nonresidents of the United States. Data are based on Hispanic origin and race of mother. Persons of Hispanic origin may be any race. See Appendix III]

Hispanic-origin status and race of mother	Number of births (1,000)				Birth rate per 1,000 population				Fertility rate <sup>1</sup>			
	2000	2005	2006	2007, prel.	2000	2005	2006	2007, prel.	2000	2005	2006	2007, prel.
<b>Total</b> <sup>2</sup> . . . . .	<b>4,059</b>	<b>4,138</b>	<b>4,266</b>	<b>4,317</b>	<b>14.4</b>	<b>14.0</b>	<b>14.2</b>	<b>14.3</b>	<b>65.9</b>	<b>66.7</b>	<b>68.5</b>	<b>69.5</b>
Hispanic origin . . . . .	816	986	1,039	1,062	23.1	23.1	23.4	23.3	95.9	99.4	101.5	102.1
Mexican . . . . .	582	693	718	(NA)	25.0	24.7	24.8	(NA)	105.1	107.7	109.0	(NA)
Puerto Rican . . . . .	58	63	67	(NA)	18.1	17.2	17.6	(NA)	73.5	72.1	74.0	(NA)
Cuban . . . . .	13	16	17	(NA)	9.7	10.2	10.4	(NA)	49.3	50.4	49.3	(NA)
Central and South American <sup>3</sup> . . . . .	113	151	165	(NA)	21.8	22.8	23.9	(NA)	85.1	93.2	98.6	(NA)
Other and unknown Hispanic . . . . .	49	62	72	(NA)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
Non-Hispanic <sup>4</sup> . . . . .	3,200	3,123	3,196	(NA)	13.2	12.4	12.6	(NA)	61.1	60.4	62.0	(NA)
White . . . . .	2,363	2,280	2,309	2,312	12.2	11.5	11.6	11.5	58.5	58.3	59.5	60.1
Black . . . . .	604	584	617	627	17.3	15.7	16.5	16.4	71.4	67.2	70.6	71.6

NA Not available. <sup>1</sup> Live births per 1,000 women age 15 to 44 years in specified group. <sup>2</sup> Includes all races and Hispanic origin status not stated. <sup>3</sup> Rates for the Central and South American population include other and unknown Hispanic. <sup>4</sup> Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *National Vital Statistics Reports (NVSR), Births: Final Data for 2006*, Vol. 57, No. 7, January 7, 2009 and *Births: Preliminary Data for 2007*, Vol. 57, No. 12, March 18, 2009.

**Table 80. Births and Birth Rates by Race, Sex, and Age: 1980 to 2007**

[Births in thousands (3,612 represents 3,612,000). Births by race of mother. Excludes births to nonresidents of the United States. For population bases used to derive these data, see text this section, and Appendix III]

Item	1980	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007, prel.
<b>Live births</b> <sup>1</sup>	<b>3,612</b>	<b>4,158</b>	<b>3,900</b>	<b>4,059</b>	<b>4,026</b>	<b>4,022</b>	<b>4,090</b>	<b>4,112</b>	<b>4,138</b>	<b>4,266</b>	<b>4,317</b>
White	2,936	3,290	3,099	3,194	3,178	3,175	3,226	3,223	3,229	3,310	(NA)
Black	568	684	603	623	606	594	600	616	633	666	(NA)
American Indian, Eskimo, Aleut.	29	39	37	42	42	42	43	44	45	47	49
Asian or Pacific Islander	74	142	160	201	200	211	221	229	231	241	255
Male	1,853	2,129	1,996	2,077	2,058	2,058	2,094	2,105	2,119	2,184	(NA)
Female	1,760	2,029	1,903	1,982	1,968	1,964	1,996	2,007	2,019	2,081	(NA)
Males per 100 females (sex ratio)	105	105	105	105	105	105	105	105	105	105	(NA)
<b>Age of mother:</b>											
Under 20 years old	562	533	512	478	454	433	421	422	421	442	451
20 to 24 years old	1,226	1,094	966	1,018	1,022	1,022	1,032	1,034	1,040	1,081	1,083
25 to 29 years old	1,108	1,277	1,064	1,088	1,058	1,060	1,086	1,104	1,132	1,182	1,209
30 to 34 years old	550	886	905	929	943	951	976	966	951	950	962
35 to 39 years old	141	318	384	452	452	454	468	476	483	499	500
40 to 44 years old	(NA)	(NA)	(NA)	90	93	96	101	104	105	106	105
45 to 49 years old	(NA)	(NA)	(NA)	4	5	5	6	6	6	7	7
Mean age of mother at first birth (years)	22.7	24.2	24.5	24.9	25.0	25.1	25.2	25.2	25.2	25.0	(NA)
<b>Birth rate per 1,000 population</b>	<b>15.9</b>	<b>16.7</b>	<b>14.6</b>	<b>14.4</b>	<b>14.1</b>	<b>13.9</b>	<b>14.1</b>	<b>14.0</b>	<b>14.0</b>	<b>14.2</b>	<b>14.3</b>
White	15.1	15.8	14.1	13.9	13.7	13.5	13.6	13.5	13.4	13.7	(NA)
Black	21.3	22.4	17.8	17.0	16.3	15.7	15.7	16.0	16.2	16.8	(NA)
American Indian, Eskimo, Aleut.	20.7	18.9	15.3	14.0	13.7	13.8	13.8	14.0	14.2	14.9	15.2
Asian or Pacific Islander	19.9	19.0	16.7	17.1	16.4	16.5	16.8	16.8	16.5	16.6	17.2
<b>Age of mother:</b>											
10 to 14 years old	1.1	1.4	1.3	0.9	0.8	0.7	0.6	0.7	0.7	0.6	0.6
15 to 19 years old	53.0	59.9	56.0	47.7	45.3	43.0	41.6	41.1	40.4	41.9	42.5
20 to 24 years old	115.1	116.5	107.5	109.7	106.2	103.6	102.6	101.7	102.2	105.9	106.4
25 to 29 years old	112.9	120.2	108.8	113.5	113.4	113.6	115.6	115.5	115.5	116.7	117.5
30 to 34 years old	61.9	80.8	81.1	91.2	91.9	91.5	95.1	95.3	95.8	97.7	99.9
35 to 39 years old	19.8	31.7	34.0	39.7	40.6	41.4	43.8	45.4	46.3	47.3	47.5
40 to 44 years old	3.9	5.5	6.6	8.0	8.1	8.3	8.7	8.9	9.1	9.4	9.5
45 to 49 years old <sup>2</sup>	0.2	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
<b>Fertility rate per 1,000 women</b> <sup>3</sup>	<b>68.4</b>	<b>70.9</b>	<b>64.6</b>	<b>65.9</b>	<b>65.3</b>	<b>64.8</b>	<b>66.1</b>	<b>66.3</b>	<b>66.7</b>	<b>68.5</b>	<b>69.5</b>
White	65.6	68.3	63.6	65.3	65.0	64.8	66.1	66.1	66.3	68.0	(NA)
Black	84.9	84.8	71.0	70.0	67.6	65.8	66.3	67.6	69.0	72.1	(NA)
American Indian, Eskimo, Aleut.	82.7	76.2	63.0	58.7	58.1	58.0	58.4	58.9	59.9	63.1	64.7
Asian or Pacific Islander	73.2	69.6	62.6	65.8	64.2	64.1	66.3	67.1	66.6	67.5	71.4

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Beginning 2000, rates computed by relating births to women aged 45 to 54 years old to women 45 to 49 years old. <sup>3</sup> Number of live births per 1,000 women, 15 to 44 years old in specified group.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births: Final Data for 2006*, Vol. 57, No. 7, January 7, 2009; and *Births: Preliminary Data for 2007*, Vol. 57, No. 12, March 18, 2009; and earlier reports.

**Table 81. Births and Birth Rates by Plurality of Birth and Race and Hispanic Origin of Mother: 1990 to 2006**

[Persons of Hispanic origin may be of any race. See headnote, Table 79. See Appendix III]

Birth order	1990 <sup>1</sup>	2000	2003	2004	2005	2006
<b>All births, total number</b> <sup>2</sup> . . . . .	<b>4,158,212</b>	<b>4,058,814</b>	<b>4,089,950</b>	<b>4,112,052</b>	<b>4,138,349</b>	<b>4,265,555</b>
Twin births . . . . .	93,865	118,916	128,665	132,219	133,122	137,085
Triplet and higher order multiple births . . . . .	3,028	7,325	7,663	7,275	6,694	6,540
Multiple birth rate <sup>3</sup> . . . . .	23.3	31.1	33.3	33.9	33.8	33.7
Twin birth rate <sup>4</sup> . . . . .	22.6	29.3	31.5	32.2	32.2	32.1
Triplet and higher order multiple birth rate <sup>5</sup> . . . . .	72.8	180.5	187.4	176.9	161.8	153.3
<b>Non-Hispanic White births, total number</b> . . .	<b>2,626,500</b>	<b>2,362,968</b>	<b>2,321,904</b>	<b>2,296,683</b>	<b>2,279,768</b>	<b>2,308,640</b>
Twin births . . . . .	60,210	76,018	81,691	83,346	82,223	83,108
Triplet and higher order multiple births . . . . .	2,358	5,821	5,922	5,590	4,966	4,805
Multiple birth rate <sup>3</sup> . . . . .	23.8	34.6	37.7	38.7	38.2	38.1
Twin birth rate <sup>4</sup> . . . . .	22.9	32.2	35.2	36.3	36.1	36.0
<b>Non-Hispanic Black births, total number</b> . . .	<b>661,701</b>	<b>604,346</b>	<b>576,033</b>	<b>578,772</b>	<b>583,759</b>	<b>617,247</b>
Twin births . . . . .	17,646	20,173	20,010	20,605	21,254	22,702
Triplet and higher order multiple births . . . . .	306	506	631	577	616	580
Multiple birth rate <sup>3</sup> . . . . .	27.1	34.2	35.8	36.6	37.5	37.7
Twin birth rate <sup>4</sup> . . . . .	26.7	33.4	34.7	35.6	36.4	36.8
<b>Hispanic births, total number</b> . . . . .	<b>595,073</b>	<b>815,868</b>	<b>912,329</b>	<b>946,349</b>	<b>985,505</b>	<b>1,039,077</b>
Twin births . . . . .	10,713	16,470	19,472	20,351	21,723	22,698
Triplet and higher order multiple births . . . . .	235	659	784	723	761	787
Multiple birth rate <sup>3</sup> . . . . .	18.4	21.0	22.2	22.3	22.8	22.6
Twin birth rate <sup>4</sup> . . . . .	18.0	20.2	21.3	21.5	22.0	21.8

<sup>1</sup> Data by Hispanic-origin status exclude data for New Hampshire and Oklahoma, which did not report Hispanic origin.  
<sup>2</sup> Includes other races not shown separately. <sup>3</sup> Number of live births in all multiple deliveries per 1,000 live births. <sup>4</sup> Number of live births in twin deliveries per 1,000 live births. <sup>5</sup> Number of live births in triplet and other higher-order deliveries per 100,000 live births.

**Table 82. Live Births by State and Island Areas: 2007**

[Number of births, except rate. By place of residence. Registered births. Excludes births to nonresidents of the United States. By race and Hispanic origin of mother. Preliminary data for 2007 are based on 98.7% of births for that year. For 47 of the 50 states and the District of Columbia, over 99 percent of births are included; for Louisiana, over 90 percent are included. The percent completeness for two states, Georgia and Michigan were 86.4 and 80.2, respectively. See Appendix III]

State and island area	Race and Hispanic origin						Birth rate <sup>3</sup>	Fertility rate <sup>4</sup>
	All races <sup>1</sup>	Non-Hispanic white	Non-Hispanic black	Asian or Pacific Islander	American Indian, Eskimo, Aleut	Hispanic <sup>2</sup>		
<b>United States . . . . .</b>	<b>4,317,119</b>	<b>2,312,473</b>	<b>627,230</b>	<b>254,734</b>	<b>49,284</b>	<b>1,061,970</b>	<b>14.3</b>	<b>69.5</b>
Alabama . . . . .	64,749	38,464	19,740	942	189	5,391	14.0	68.7
Alaska . . . . .	11,101	6,291	409	835	2,836	825	16.2	77.5
Arizona . . . . .	102,992	42,521	3,914	3,597	6,700	46,373	16.2	81.1
Arkansas . . . . .	41,377	27,720	8,080	721	261	4,515	14.6	73.1
California . . . . .	566,352	155,930	31,777	74,292	3,626	296,942	15.5	72.5
Colorado . . . . .	70,805	41,853	3,122	2,493	755	22,221	14.6	69.8
Connecticut . . . . .	41,663	24,897	5,183	2,441	238	8,832	11.9	59.5
Delaware . . . . .	12,171	6,494	3,215	530	16	1,912	14.1	68.4
District of Columbia . . . . .	8,862	2,227	4,936	259	2	1,450	15.1	60.0
Florida . . . . .	239,143	107,843	51,835	7,988	805	70,833	13.1	68.4
Georgia . . . . .	152,021	70,735	49,278	5,696	437	24,319	15.9	73.7
Hawaii . . . . .	19,137	4,557	426	12,958	77	3,007	14.9	76.0
Idaho . . . . .	25,019	20,190	139	416	451	3,870	16.7	83.4
Illinois . . . . .	180,856	95,508	31,655	9,212	262	44,151	14.1	67.4
Indiana . . . . .	89,847	68,907	10,229	1,693	118	8,805	14.2	69.7
Iowa . . . . .	40,885	34,521	1,804	1,021	315	3,355	13.7	70.1
Kansas . . . . .	42,004	30,512	3,059	1,367	376	6,689	15.1	75.6
Kentucky . . . . .	59,370	49,842	5,418	1,018	114	3,092	14.0	68.6
Louisiana . . . . .	66,260	36,172	25,343	1,160	476	3,188	15.4	73.3
Maine . . . . .	14,120	13,186	325	223	125	209	10.7	55.6
Maryland . . . . .	78,096	36,128	26,198	5,484	151	10,608	13.9	65.6
Massachusetts . . . . .	77,962	53,274	7,262	6,013	185	10,900	12.1	57.4
Michigan . . . . .	125,394	85,528	22,343	4,337	765	8,441	12.4	61.5
Minnesota . . . . .	73,745	53,856	6,615	5,412	1,673	5,939	14.2	69.7
Mississippi . . . . .	46,501	23,068	20,894	475	309	1,708	15.9	76.9
Missouri . . . . .	81,928	62,211	12,610	1,978	435	4,667	13.9	68.8
Montana . . . . .	12,444	9,623	62	145	1,599	372	13.0	68.6
Nebraska . . . . .	26,923	20,008	1,794	754	618	4,068	15.2	76.2
Nevada . . . . .	41,202	16,959	3,615	3,544	576	16,144	16.1	79.6
New Hampshire . . . . .	14,169	12,620	203	540	54	593	10.8	53.8
New Jersey . . . . .	116,060	56,139	17,863	11,944	188	30,027	13.4	66.1
New Mexico . . . . .	30,555	8,662	522	1,330	3,835	17,007	15.5	76.4
New York . . . . .	253,458	125,632	42,738	24,084	629	60,134	13.1	62.1
North Carolina . . . . .	131,016	72,416	30,635	3,988	1,772	22,113	14.5	69.6
North Dakota . . . . .	8,840	7,277	129	110	1,012	278	13.8	69.8
Ohio . . . . .	150,882	115,583	24,222	3,291	320	6,611	13.2	65.5
Oklahoma . . . . .	55,078	35,334	4,914	1,259	6,517	7,173	15.2	76.0
Oregon . . . . .	49,372	34,256	1,145	2,712	955	10,133	13.2	66.1
Pennsylvania . . . . .	150,731	107,818	21,281	6,260	407	13,793	12.1	61.9
Rhode Island . . . . .	12,375	5,999	1,045	536	159	2,588	11.7	55.8
South Carolina . . . . .	62,891	34,411	20,489	1,159	274	6,215	14.3	69.9
South Dakota . . . . .	12,259	9,351	212	149	2,158	471	15.4	80.0
Tennessee . . . . .	86,707	58,588	17,768	2,003	387	8,383	14.1	68.8
Texas . . . . .	407,640	140,272	46,397	16,032	1,064	204,498	17.1	80.1
Utah . . . . .	55,131	42,844	539	1,761	768	9,042	20.8	94.4
Vermont . . . . .	6,513	6,178	95	91	14	78	10.5	53.2
Virginia . . . . .	108,874	62,155	23,842	8,021	176	14,966	14.1	67.0
Washington . . . . .	88,958	56,299	3,812	9,303	2,492	16,881	13.8	66.9
West Virginia . . . . .	21,992	20,700	778	181	23	253	12.1	63.1
Wisconsin . . . . .	72,796	54,549	7,240	2,895	1,255	6,934	13.0	65.0
Wyoming . . . . .	7,893	6,361	79	79	333	969	15.1	77.7
Puerto Rico . . . . .	46,636	1,381	115	(NA)	(NA)	45,123	11.8	55.2
Virgin Islands . . . . .	1,674	125	1,139	—	82	270	15.2	74.0
Guam . . . . .	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
American Samoa . . . . .	1,288	(NA)	(NA)	1,288	—	(NA)	20.1	90.5
Northern Marianas . . . . .	1,345	(NA)	(NA)	1,327	—	(NA)	15.9	38.8

— Represents or rounds to zero. NA Not available. <sup>1</sup> Includes persons of other groups not shown separately. <sup>2</sup> Persons of Hispanic origin may be any race. <sup>3</sup> Per 1,000 estimated population. <sup>4</sup> Number of births per 1,000 women age 15 to 44 years.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births: Preliminary Data for 2007*, Vol. 57, No. 12, March 18, 2009.

**Table 83. Total Fertility Rate by Race and Hispanic Origin: 1980 to 2007**

[Based on race of mother. Excludes births to nonresidents of United States. The *total fertility rate* is the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year. A total fertility rate of 2,110 represents “replacement level” fertility for the total population under current mortality conditions (assuming no net immigration). See Appendix III]

Race and Hispanic origin	1980	1990	2000	2003	2004	2005	2006	2007 <sup>1</sup>
<b>Total</b> <sup>2</sup> . . . . .	<b>1,840</b>	<b>2,081</b>	<b>2,056</b>	<b>2,043</b>	<b>2,046</b>	<b>2,054</b>	<b>2,101</b>	<b>2,123</b>
White . . . . .	1,773	2,003	2,051	2,061	2,055	2,056	2,096	(NA)
Black . . . . .	2,177	2,480	2,129	1,999	2,033	2,071	2,155	(NA)
American Indian, Eskimo, Aleut. . .	2,165	2,185	1,773	1,732	1,735	1,750	1,829	1,861
Asian or Pacific Islander . . . . .	1,954	2,003	1,892	1,873	1,898	1,889	1,919	2,043
Hispanic <sup>3</sup> . . . . .	(NA)	2,960	2,730	2,786	2,825	2,885	2,960	2,992

NA Not available. <sup>1</sup> Preliminary data. <sup>2</sup> For 1980 and 1990, includes births to races not shown separately. Beginning 2000, unknown race of mother is imputed. <sup>3</sup> Persons of Hispanic origin may be any race.

Source: U.S. National Center for Health Statistics, National Vital Statistics Report (NVSR), *Births: Final Data for 2006*, Vol. 57, No. 7, January 7, 2009 and *Births: Preliminary Data for 2007*, Vol. 57, No. 12, March 18, 2009.



**Table 84. Teenagers—Births and Birth Rates by Age, Race, and Hispanic Origin: 1990 to 2007**

[Birth rates per 1,000 women in specified group, see text, this section. Based on race and Hispanic origin of mother]

Age, race, and Hispanic origin	Number of births					Birth rate				
	1990	2000	2005	2006	2007 <sup>1</sup>	1990	2000	2005	2006	2007 <sup>1</sup>
<b>All races, 15 to 19 years . . . . .</b>	<b><sup>2</sup>521,826</b>	<b>468,990</b>	<b>414,593</b>	<b>435,436</b>	<b>445,045</b>	<b>59.9</b>	<b>47.7</b>	<b>40.5</b>	<b>41.9</b>	<b>42.5</b>
15 to 17 years old . . . . .	183,327	157,209	133,191	138,943	140,640	37.5	26.9	21.4	22.0	22.2
18 and 19 years old . . . . .	338,499	311,781	281,402	296,493	304,405	88.6	78.1	69.9	73.0	73.9
White . . . . .	354,482	333,013	295,265	308,344	(NA)	50.8	43.2	37.0	38.2	(NA)
Black . . . . .	151,613	118,954	103,905	111,019	(NA)	112.8	77.4	61.9	64.6	(NA)
American Indian, Eskimo, Aleut . . . . .	(NA)	8,055	7,807	8,261	8,925	81.1	58.3	52.7	55.0	59.0
Asian or Pacific Islander . . .	(NA)	8,968	7,616	7,812	8,022	26.4	20.5	17.0	17.0	17.3
Hispanic <sup>3</sup> . . . . .	(NA)	129,469	136,906	145,669	148,453	100.3	87.3	81.7	83.0	81.7
Non-Hispanic White . . . . .	(NA)	204,056	165,005	169,729	173,104	42.5	32.6	25.9	26.6	27.2
Non-Hispanic Black . . . . .	(NA)	116,019	96,813	103,725	106,224	116.2	79.2	60.9	63.7	64.3

NA Not available. <sup>1</sup> Preliminary data. <sup>2</sup> Includes races other than White and Black not shown separately. <sup>3</sup> Persons of Hispanic origin may be any race.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births: Final Data for 2006*, Vol. 57, No. 7, January 7, 2009 and *Births: Preliminary Data for 2007*, Vol. 57, No. 12, March 18, 2009.

**Table 85. Births to Unmarried Women by Race, Hispanic Origin, and Age of Mother: 1990 to 2006**

[1,165 represents 1,165,000. Excludes births to nonresidents of United States. Persons of Hispanic origin may be any race. Marital status is inferred from a comparison of the child's and parents' surnames on the birth certificate for those states that do not report on marital status. No estimates included for misstatements on birth records or failures to register births. Based on race and Hispanic origin of mother. See also Appendix III]

Race and age of mother	Number (1,000)					Percent distribution				Birth rate <sup>1</sup>			
	1990	1995	2000	2005	2006	1990	1995	2000	2006	1990	1995	2000	2006
<b>Total live births</b> <sup>2</sup> . . .	<b>1,165</b>	<b>1,254</b>	<b>1,347</b>	<b>1,527</b>	<b>1,642</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>43.8</b>	<b>44.3</b>	<b>44.1</b>	<b>50.6</b>
White . . . . .	670	785	866	1,023	1,104	57.5	62.6	64.3	67.2	32.9	37.0	38.2	46.1
Black . . . . .	455	421	427	439	468	39.1	33.6	31.7	28.5	90.5	74.5	70.5	71.5
American Indian, Eskimo, Aleut . . . . .	(NA)	(NA)	(NA)	28	31	(NA)	(NA)	(NA)	1.9	(NA)	(NA)	(NA)	(NA)
Asian or Pacific Islander . . . . .	(NA)	(NA)	(NA)	37	40	(NA)	(NA)	(NA)	2.4	(NA)	(NA)	20.9	25.9
Hispanic . . . . .	<sup>3</sup> 219	278	348	473	518	<sup>3</sup> 18.8	22.1	25.8	31.6	<sup>3</sup> 89.6	88.8	87.3	106.1
Non-Hispanic White . . . . .	<sup>3</sup> 443	504	522	578	615	<sup>3</sup> 38.0	40.2	38.7	37.4	<sup>3</sup> 24.4	28.1	28.0	32.0
Non-Hispanic Black . . . . .	(NA)	(NA)	415	408	436	(NA)	(NA)	30.8	26.6	(NA)	(NA)	(NA)	(NA)
Under 15 years . . . . .	11	11	8	7	6	0.9	0.9	0.6	0.4	(NA)	(NA)	(NA)	(NA)
15 to 19 years . . . . .	350	376	369	345	367	30.0	30.0	27.4	22.3	42.5	43.8	39.0	36.2
20 to 24 years . . . . .	404	432	504	585	626	34.7	34.5	37.4	38.1	65.1	68.7	72.2	79.5
25 to 29 years . . . . .	230	229	255	332	366	19.7	18.2	18.9	22.3	56.0	54.3	58.5	74.9
30 to 34 years . . . . .	118	133	130	162	174	10.1	10.6	9.7	10.6	37.6	38.9	39.3	54.8
35 to 39 years . . . . .	44	60	65	76	82	3.8	4.8	4.8	5.0	17.3	19.3	19.7	26.8
40 years and over . . . . .	9	13	16	21	22	0.7	1.0	1.2	1.3	3.6	4.7	5.0	<sup>4</sup> 6.5

NA Not available. <sup>1</sup> Rate per 1,000 unmarried women (never-married, widowed, and divorced) estimated as of July 1. Total rate and rates by race/Hispanic origin cover women 15 to 44 years old. Rate for unmarried women 40 years and over relate births to women 40 years and over to unmarried women 40 to 44 years old. <sup>2</sup> Includes races other than White and Black not shown separately. <sup>3</sup> Excludes data for New Hampshire and Oklahoma, which did not report Hispanic origin. <sup>4</sup> Birth rates computed by relating births to unmarried mothers aged 40 years and over to unmarried women aged 40–44 years.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births: Final Data for 2006*, Vol. 57, No. 7, January 7, 2009 and earlier reports.

**Table 86. Births to Teens and Unmarried Mothers and Births With Low Birth Weight by Race and Hispanic Origin: 1990 to 2007**

[Represents registered births. Excludes births to nonresidents of the United States. Data are based on race and Hispanic origin of mother. See Appendix III]

Race and Hispanic origin	1990	1995	2000	2004	2005	2006	2007, prel.
<b>Percent of births to teenage mothers . . . . .</b>	<b>12.8</b>	<b>13.1</b>	<b>11.8</b>	<b>10.3</b>	<b>10.2</b>	<b>10.4</b>	<b>10.5</b>
White . . . . .	10.9	11.5	10.6	9.3	9.3	9.4	(NA)
Black . . . . .	23.1	23.1	19.7	17.1	16.9	17.0	(NA)
American Indian, Eskimo, Aleut. . . . .	19.5	21.4	19.7	17.9	17.7	17.6	18.4
Asian or Pacific Islander . . . . .	5.7	5.6	4.5	3.4	3.3	3.3	3.2
Hispanic origin <sup>1</sup> . . . . .	16.8	17.9	16.2	14.3	14.1	14.3	14.2
Non-Hispanic. . . . .	(NA)	(NA)	10.7	9.1	8.9	9.1	(NA)
White . . . . .	(NA)	(NA)	8.7	7.4	7.3	7.4	7.5
Black . . . . .	(NA)	(NA)	19.8	17.3	17.0	17.2	17.3
<b>Percent of births to unmarried mothers . . . . .</b>	<b>26.6</b>	<b>32.2</b>	<b>33.2</b>	<b>35.8</b>	<b>36.9</b>	<b>38.5</b>	<b>39.7</b>
White . . . . .	16.9	25.3	27.1	30.5	31.7	33.3	(NA)
Black . . . . .	66.7	69.9	68.5	68.8	69.3	70.2	(NA)
American Indian, Eskimo, Aleut. . . . .	53.6	57.2	58.4	62.3	63.5	64.6	65.2
Asian or Pacific Islander . . . . .	13.2	16.3	14.8	15.5	16.2	16.5	16.9
Hispanic origin <sup>1</sup> . . . . .	36.7	40.8	42.7	46.4	48.0	49.9	51.3
Non-Hispanic. . . . .	(NA)	(NA)	30.8	32.5	33.4	34.8	(NA)
White . . . . .	(NA)	(NA)	22.1	24.5	25.3	26.6	27.8
Black . . . . .	(NA)	(NA)	68.7	69.3	69.9	70.7	71.6
<b>Percent of births with low birth weight <sup>2</sup> . . . . .</b>	<b>7.0</b>	<b>7.3</b>	<b>7.6</b>	<b>8.1</b>	<b>8.2</b>	<b>8.3</b>	<b>8.2</b>
White . . . . .	5.7	6.2	6.5	7.1	7.2	7.2	(NA)
Black . . . . .	13.3	13.1	13.0	13.4	13.6	13.6	(NA)
American Indian, Eskimo, Aleut. . . . .	6.1	6.6	6.8	7.5	7.4	7.5	7.5
Asian or Pacific Islander . . . . .	(NA)	6.9	7.3	7.9	8.0	8.1	8.1
Hispanic origin <sup>1</sup> . . . . .	6.1	6.3	6.4	6.8	6.9	7.0	6.9
Non-Hispanic. . . . .	(NA)	(NA)	7.9	8.5	8.6	8.7	(NA)
White . . . . .	(NA)	(NA)	6.6	7.2	7.3	7.3	7.2
Black . . . . .	(NA)	(NA)	13.1	13.7	14.0	14.0	13.8

NA Not available. <sup>1</sup> Persons of Hispanic origin may be any race. <sup>2</sup> Births less than 2,500 grams (5 lb., 8 oz.).

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births: Final Data for 2006*, Vol. 57, No. 7, January 7, 2009, and *Births: Preliminary Data for 2007*, Vol. 57, No. 12, March 18, 2009.

**Table 87. Births by Race, Hispanic Origin, and Method of Delivery:  
1990 to 2006**

[In thousands (4,111 represents 4,111,000), except rate. 1990 excludes data for Oklahoma, which did not report method of delivery on the birth certificate. Persons of Hispanic origin may be any race. See Appendix III]

Method of delivery	1990	2000	2005	2006			
				Total <sup>1</sup>	Hispanic	Non-Hispanic White	Non-Hispanic Black
<b>Births, total . . . . .</b>	<b>4,111</b>	<b>4,059</b>	<b>4,138</b>	<b>4,266</b>	<b>1,039</b>	<b>2,309</b>	<b>617</b>
Vaginal . . . . .	3,111	3,108	2,874	2,930	729	1,581	411
Caesarean deliveries . . . . .	914	924	1,249	1,321	308	719	204
Not stated . . . . .	85	27	16	15	2	9	2
Caesarean delivery rate <sup>2</sup> . . . . .	22.7	22.9	30.3	31.1	29.7	31.3	33.1

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Caesarean rates are the number of caesarean deliveries per 100 total deliveries.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births: Final Data for 2006*, Vol. 57, No. 7, January 7, 2009 and earlier reports.

**Table 88. Rates of Induction of Labor by Gestational Age: 1990 to 2006**

[In percent. Data are for singleton births]

Gestational age	1990 <sup>1</sup>	1995	2000	2001	2002	2003	2004	2005	2006
<b>All gestations</b> . . . . .	<b>9.6</b>	<b>16.2</b>	<b>20.2</b>	<b>20.8</b>	<b>21.1</b>	<b>21.1</b>	<b>21.7</b>	<b>22.8</b>	<b>23.1</b>
Under 37 weeks (preterm) . . . . .	6.9	11.6	14.8	14.7	14.7	14.5	15.1	15.6	15.6
Under 32 weeks . . . . .	5.0	7.8	9.2	8.9	8.8	8.6	8.7	8.9	8.9
32–33 weeks . . . . .	6.4	10.6	13.3	12.8	12.8	12.8	13.0	13.4	13.5
34–36 weeks . . . . .	7.5	12.6	16.2	16.2	16.2	16.0	16.7	17.3	17.3
37 weeks and over (term) . . . . .	9.9	16.7	20.8	21.6	21.8	21.9	22.5	23.7	(NA)
37–39 weeks . . . . .	7.9	14.3	18.9	19.6	19.8	19.8	20.6	21.7	22.0
40–41 weeks . . . . .	10.7	18.5	22.9	24.1	24.6	24.8	25.3	26.8	27.4
42 weeks and over . . . . .	14.9	21.3	24.4	24.4	24.3	24.3	25.4	26.2	26.8

NA Not available. <sup>1</sup> Oklahoma did not report induction of labor.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births: Final Data for 2006*, Vol. 57, No. 7, January 7, 2009 and unpublished data.

**Table 89. Births to Teenage Mothers and Unmarried Women and Births With Low Birth Weight—States and Island Areas: 2000 to 2007**

[Represents registered births. Excludes births to nonresidents of the United States. Based on 100 percent of births in all states and the District of Columbia. 2007 data are preliminary and based on a substantial proportion of vital records for that year. See Table 82 and Appendix III]

State and Island area	Births to teenage mothers, percent of total <sup>1</sup>		Births to unmarried women, percent of total		Percent of births with low birth weight <sup>2</sup>		State and Island area	Births to teenage mothers, percent of total <sup>1</sup>		Births to unmarried women, percent of total		Percent of births with low birth weight <sup>2</sup>	
	2000	2007	2000	2007	2000	2007		2000	2007	2000	2007	2000	2007
<b>U.S. . . .</b>	<b>11.8</b>	<b>10.5</b>	<b>33.2</b>	<b>39.7</b>	<b>7.6</b>	<b>8.2</b>	NV . . . . .	12.7	10.8	36.4	42.0	7.2	8.2
AL . . . . .	15.7	13.6	34.3	38.4	9.7	10.4	NH . . . . .	6.8	6.6	24.7	31.4	6.3	6.3
AK . . . . .	11.8	10.1	33.0	37.2	5.6	5.7	NJ . . . . .	7.1	6.4	28.9	34.4	7.7	8.5
AZ . . . . .	14.3	12.7	39.3	45.2	7.0	7.1	NM . . . . .	17.4	15.7	45.6	51.8	8.0	8.8
AR . . . . .	17.3	14.6	35.7	43.4	8.6	9.1	NY . . . . .	8.2	7.0	36.6	40.7	7.7	8.2
CA . . . . .	10.6	9.5	32.7	38.9	6.2	6.9	NC . . . . .	13.0	11.7	33.3	41.2	8.8	9.2
CO . . . . .	11.7	9.7	25.0	25.4	8.4	9.0	ND . . . . .	9.2	8.0	28.3	32.6	6.4	6.3
CT . . . . .	7.8	6.9	29.3	35.1	7.4	8.1	OH . . . . .	12.1	11.0	34.6	42.2	7.9	8.7
DE . . . . .	12.3	10.4	37.9	46.9	8.6	9.3	OK . . . . .	15.9	13.9	34.3	41.3	7.5	8.2
DC . . . . .	14.2	12.1	60.3	58.5	11.9	11.1	OR . . . . .	11.3	8.9	30.1	35.1	5.6	6.1
FL . . . . .	12.6	10.9	38.2	46.1	8.0	8.7	PA . . . . .	9.9	9.3	32.7	39.7	7.7	8.4
GA . . . . .	13.9	12.2	37.0	43.3	8.6	9.1	RI . . . . .	10.2	9.7	35.5	44.0	7.2	8.0
HI . . . . .	10.3	8.5	32.2	36.9	7.5	8.0	SC . . . . .	15.3	13.4	39.8	46.6	9.7	10.1
ID . . . . .	11.6	9.1	21.6	25.5	6.7	6.5	SD . . . . .	11.6	9.8	33.5	38.4	6.2	7.0
IL . . . . .	11.4	10.1	34.5	40.1	7.9	8.5	TN . . . . .	14.7	13.2	34.5	42.8	9.2	9.4
IN . . . . .	12.5	11.2	34.7	42.4	7.4	8.5	TX . . . . .	15.3	13.5	30.5	40.7	7.4	8.4
IA . . . . .	10.0	8.7	28.0	34.3	6.1	6.8	UT . . . . .	8.9	6.9	17.3	19.6	6.6	6.7
KS . . . . .	12.0	10.3	29.0	36.5	6.9	6.0	VT . . . . .	8.0	7.6	28.1	36.6	6.1	6.2
KY . . . . .	14.1	12.9	31.0	39.3	8.2	9.3	VA . . . . .	9.9	8.6	29.9	35.2	7.9	8.6
LA . . . . .	17.0	13.7	45.6	50.9	10.3	11.0	WA . . . . .	10.2	8.4	28.2	33.2	5.6	6.3
ME . . . . .	9.4	8.4	31.0	39.1	6.0	6.3	WV . . . . .	15.9	12.5	31.7	40.3	8.3	9.5
MD . . . . .	9.9	8.9	34.6	40.9	8.6	9.1	WI . . . . .	10.2	8.7	29.3	35.4	6.5	7.0
MA . . . . .	6.6	6.4	26.5	33.4	7.1	7.9	WY . . . . .	13.5	11.8	28.8	34.7	8.3	9.1
MI . . . . .	10.5	10.1	33.3	39.4	7.9	8.2	PR . . . . .	(NA)	18.3	49.7	59.3	10.8	12.4
MN . . . . .	8.3	7.1	25.8	32.7	6.1	6.7	VI . . . . .	(NA)	12.8	66.7	71.5	9.1	12.3
MS . . . . .	18.8	17.1	46.0	53.7	10.7	12.3	GU . . . . .	(NA)	(NA)	54.8	(NA)	7.6	(NA)
MO . . . . .	13.1	11.4	34.6	40.5	7.6	7.8	AS . . . . .	(NA)	7.4	35.5	33.0	2.7	3.3
MT . . . . .	11.6	9.7	30.8	35.9	6.2	7.2	MP . . . . .	(NA)	8.5	(NA)	46.1	8.9	7.0
NE . . . . .	10.2	8.6	27.2	33.4	6.8	7.0							

NA Not available. <sup>1</sup> Defined as mothers who are 19 years of age or younger. <sup>2</sup> Less than 2,500 grams (5 pounds-8 ounces).

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births: Preliminary Data for 2007*, Vol. 57, No. 12, March 18, 2009.

## Table 90. **Infants Who Were Breastfed by Maternal Age and Race-Ethnicity: 1999 to 2006**

[In percent. Covers period from 1999 through 2006. Breastfeeding was defined as ever having been breastfed or received breast milk. Based on data from National Health and Nutrition Examination Surveys (NHANES)]

Race and ethnicity	Under 20 years old	20 to 29 years old	30 years old and older
<b>Total</b> . . . . .	<b>43</b>	<b>65</b>	<b>75</b>
Non-Hispanic white . . . . .	40	65	77
Non-Hispanic black . . . . .	30	44	56
Mexican American . . . . .	66	75	76

Source: U.S. National Center for Health Statistics, Breastfeeding in the United States Findings from the National Health and Nutrition Examination Surveys: 1999–2006, NCHS Data Brief, No. 5, April 2008. See also <<http://www.cdc.gov/nchs/data/databriefs/db05.htm>>.

**Table 91. Women Who Had a Child in the Last Year by Age: 1990 to 2008**

[3,913 represents 3,913,000. As of June. See headnote, Table 92]

Age of mother	Women who had a child in last year (1,000)			Total births per 1,000 women			First births per 1,000 women		
	1990	2000	2008	1990	2000	2008	1990	2000	2008
<b>Total . . . . .</b>	<b>3,913</b>	<b>3,934</b>	<b>3,960</b>	<b>67.0</b>	<b>64.6</b>	<b>64.2</b>	<b>26.4</b>	<b>26.7</b>	<b>25.3</b>
15 to 29 years old . . . .	2,568	2,432	2,372	90.8	85.9	76.7	43.2	43.1	37.4
15 to 19 years old . . .	338	586	371	39.8	59.7	35.6	30.1	38.7	23.1
20 to 24 years old . . .	1,038	850	864	113.4	91.8	85.1	51.8	47.1	46.8
25 to 29 years old . . .	1,192	996	1,138	112.1	107.9	109.8	46.2	43.7	42.7
30 to 44 years old . . . .	1,346	1,502	1,587	44.7	46.1	51.6	10.6	12.5	13.1
30 to 34 years old . . .	892	871	874	80.4	87.9	90.9	21.9	27.5	27.6
35 to 39 years old . . .	377	506	550	37.3	45.1	52.9	6.5	9.6	9.5
40 to 44 years old . . .	77	125	163	8.6	10.9	15.2	1.2	2.3	3.5

Source: U.S. Census Bureau, *Current Population Reports*, P20-543RV and unpublished data.



**Table 92. Women Who Had a Child in the Last Year by Selected Characteristics: 1990 to 2008**

**[58,381 represents 58,381,000. As of June.** Covers civilian noninstitutional population. Since the number of women who had a birth during the 12-month period was tabulated and not the actual numbers of births, some small underestimation of fertility for this period may exist due to the omission of: (1) Multiple births, (2) Two or more live births spaced within the 12-month period (the woman is counted only once), (3) Women who had births in the period and who did not survive to the survey date, (4) Women who were in institutions and therefore not in the survey universe. These births would not have been recorded in the vital registration system. These losses may be somewhat offset by the inclusion in the CPS of births to immigrants whose children were not born in the United States and births to nonresident women. Based on Current Population Survey (CPS); see Appendix III]

Characteristic	Total women (1,000)	Percent childless	Women who had a child in the last year			
			Total births		First births	
			Number (1,000)	Per 1,000 women	Number (1,000)	Per 1,000 women
1990 . . . . .	58,381	41.6	3,913	67.0	1,540	26.4
2000 . . . . .	60,873	42.8	3,934	64.6	1,626	26.7
<b>2008, total</b> <sup>1</sup> . . . . .	<b>61,692</b>	<b>45.7</b>	<b>3,960</b>	<b>64.2</b>	<b>1,560</b>	<b>25.3</b>
15 to 19 years old . . . . .	10,405	93.7	371	35.6	240	23.1
20 to 24 years old . . . . .	10,156	70.6	864	85.1	475	46.8
25 to 29 years old . . . . .	10,362	46.2	1,138	109.8	443	42.7
30 to 34 years old . . . . .	9,618	26.8	874	90.9	265	27.6
35 to 39 years old . . . . .	10,403	19.4	550	52.9	99	9.5
40 to 44 years old . . . . .	10,748	17.8	163	15.2	37	3.5
White alone . . . . .	47,616	46.4	3,034	63.7	1,183	24.8
White alone, non-Hispanic . . . . .	37,846	48.5	2,276	60.1	925	24.4
Black alone . . . . .	8,940	41.4	613	68.5	258	28.9
Asian alone . . . . .	3,276	46.1	188	57.4	80	24.5
Hispanic <sup>1</sup> . . . . .	10,586	38.1	819	77.4	277	26.1
Married, husband present . . . . .	26,271	18.1	2,445	93.1	895	34.1
Married, husband absent <sup>2</sup> . . . . .	2,515	22.7	189	75.0	53	21.1
Widowed or divorced . . . . .	4,480	21.0	147	32.9	44	9.9
Never married . . . . .	28,426	77.2	1,179	41.5	568	20.0
Educational attainment:						
Not a high school graduate . . . . .	12,882	62.5	703	54.6	248	19.2
High school, 4 years . . . . .	15,010	33.5	1,067	71.1	427	28.4
Some college, no degree . . . . .	12,953	48.7	789	60.9	309	23.8
Associate's degree . . . . .	5,115	31.7	306	59.9	89	17.5
Bachelor's degree . . . . .	11,094	47.8	694	62.6	287	25.9
Graduate or professional degree . . . . .	4,638	40.6	400	86.3	200	43.2
Labor force status:						
In labor force . . . . .	42,809	44.6	2,261	52.8	1,015	23.7
Employed . . . . .	39,641	44.0	2,051	51.7	910	23.0
Unemployed . . . . .	3,168	52.0	210	66.2	104	33.0
Not in labor force . . . . .	18,883	48.3	1,699	90.0	545	28.9
Family income:						
Under \$10,000 . . . . .	3,422	41.2	298	87.2	122	35.5
\$10,000 to \$19,999 . . . . .	4,500	39.4	356	79.1	140	31.2
\$20,000 to \$24,999 . . . . .	2,586	44.3	190	73.3	70	27.1
\$25,000 to \$29,999 . . . . .	2,927	43.0	230	78.6	93	31.7
\$30,000 to \$34,999 . . . . .	2,966	42.9	228	76.7	57	19.1
\$35,000 to \$49,999 . . . . .	7,473	46.8	454	60.8	195	26.0
\$50,000 to \$74,999 . . . . .	10,134	47.0	594	58.6	229	22.6
\$75,000 and over . . . . .	17,203	47.9	1,020	59.3	404	23.5

<sup>1</sup> Includes women of other races and women with family income not reported, not shown separately. <sup>2</sup> Persons of Hispanic origin may be any race. <sup>3</sup> Includes separated women.

**Table 93. Women Who Had a Child in the Last Year by Age and Labor Force Status: 1990 to 2008**

[3,913 represents 3,913,000. See headnote, Table 92. See Appendix III]

Year	Total, 15 to 44 years old			15 to 29 years old			30 to 44 years old		
	Number (1,000)	In the labor force		Number (1,000)	In the labor force		Number (1,000)	In the labor force	
		Number (1,000)	Percent		Number (1,000)	Percent		Number (1,000)	Percent
1990 . . . . .	3,913	2,068	53	2,568	1,275	50	1,346	793	59
1995 . . . . .	3,696	2,034	55	2,252	1,150	51	1,444	884	61
2000 . . . . .	3,934	2,170	55	2,432	1,304	54	1,502	866	58
2004 . . . . .	3,746	2,045	55	2,205	(NA)	(NA)	1,542	(NA)	59
2006 . . . . .	3,974	2,221	56	2,399	1,273	53	1,576	948	60
2008 . . . . .	3,960	2,261	57	2,372	1,299	55	1,587	962	61

NA Not available.

Source: U.S. Census Bureau, *Current Population Reports*, P20-555; earlier reports and unpublished data.

**Table 94. Persons Who Have Ever Had Sexual Contact by Selected Characteristics: 2002**

[In percent except as indicated (61,147 represents 61,147,000). Based on the National Survey of Family Growth, see Appendix III]

Characteristic	Number (1,000)	Number of opposite-sex partners in lifetime						Median number <sup>1</sup>	Any same-sex sexual contact <sup>2</sup>
		Any	One	Two	3 to 6	7 to 14	15 or more		
<b>Males, 15 to 44 years old<sup>3</sup></b>	<b>61,147</b>	<b>90.3</b>	<b>12.8</b>	<b>8.1</b>	<b>27.5</b>	<b>19.3</b>	<b>22.6</b>	<b>5.4</b>	<b>6.0</b>
15 to 19 years old	10,208	61.6	23.0	9.2	20.7	6.2	2.5	1.9	4.5
20 to 24 years old	9,883	91.1	15.9	11.7	33.5	14.1	15.9	3.8	5.5
25 to 44 years old	41,056	97.3	9.6	7.0	27.8	23.7	29.2	6.7	6.5
25 to 29 years old	9,226	95.2	10.0	8.8	29.4	23.2	23.8	5.9	5.7
30 to 34 years old	10,138	97.2	10.7	6.9	28.5	21.9	29.2	6.4	(NA)
35 to 39 years old	10,557	98.2	8.9	7.0	28.0	25.5	28.8	6.9	(NA)
40 to 44 years old	11,135	98.2	8.8	5.4	25.6	24.2	34.2	8.2	(NA)
White only, non-Hispanic	38,738	90.3	13.4	8.3	27.1	19.2	22.3	5.3	(NA)
Black only, non-Hispanic	6,940	91.8	5.8	5.9	24.1	22.2	33.8	8.3	(NA)
Hispanic or Latino origin	10,188	91.8	13.7	8.6	32.8	18.6	18.1	4.5	(NA)
Currently married	25,808	100.0	15.4	8.5	30.5	22.3	23.3	5.2	3.4
Currently cohabiting	5,653	100.0	4.7	6.4	34.1	26.6	28.3	6.6	5.3
Never married, not cohabiting	25,412	76.8	13.9	8.7	24.0	13.8	16.4	4.3	8.6
Formerly married, not cohabiting	4,274	100.0	0.7	3.6	22.5	24.6	48.6	11.9	7.1
<b>Females, 15 to 44 years old<sup>3</sup></b>	<b>61,561</b>	<b>91.4</b>	<b>22.5</b>	<b>10.8</b>	<b>32.6</b>	<b>16.3</b>	<b>9.2</b>	<b>3.3</b>	<b>11.2</b>
15 to 19 years old	9,834	62.2	27.2	9.0	19.1	5.0	1.9	1.4	10.6
20 to 24 years old	9,840	91.1	24.6	13.0	32.2	14.4	6.9	2.8	14.2
25 to 44 years old	41,887	98.4	20.9	10.7	36.0	19.4	11.4	3.8	10.7
25 to 29 years old	9,249	97.5	22.5	11.7	31.3	20.1	11.9	3.5	14.1
30 to 34 years old	10,272	98.0	20.5	9.4	38.8	18.0	11.3	3.8	(NA)
35 to 39 years old	10,853	98.9	20.2	11.2	35.8	20.5	11.2	3.9	(NA)
40 to 44 years old	11,512	98.6	20.4	10.5	37.4	19.1	11.2	3.8	(NA)
White only, non-Hispanic	39,498	92.1	21.0	10.6	32.1	18.2	10.2	3.6	(NA)
Black only, non-Hispanic	8,250	92.4	12.4	8.4	44.8	18.0	8.8	4.1	(NA)
Hispanic or Latino origin	9,107	89.5	34.6	14.9	27.2	8.2	4.6	1.7	(NA)
Currently married	28,327	100.0	30.8	12.2	34.0	15.6	7.4	2.7	7.2
Currently cohabiting	5,570	100.0	13.7	12.2	39.2	20.4	14.5	4.3	17.6
Never married, not cohabiting	21,568	75.4	18.3	9.4	27.7	12.8	7.2	3.1	13.5
Formerly married, not cohabiting	6,096	100.0	6.5	8.1	37.8	28.5	19.1	5.6	16.3

NA Not available. <sup>1</sup> Excludes those who have never had sexual intercourse with a person of the opposite sex. For definition of median, see Guide to Tabular Presentation. <sup>2</sup> Same-sex sexual contact was measured using significantly different questions for males and females. <sup>3</sup> Includes persons of other or multiple races and origin groups, not shown separately.

Source: U.S. National Center for Health Statistics, *Advance Data*, No. 362; "Sexual Behavior and Selected Health Measures: Men and Women 15–44 Years of Age, United States, 2002," September 15, 2005, and unpublished data.

**Table 95. Males and Females Who Have Had Sexual Contact in Last 12 Months by Number and Sex of Partners: 2002**

[In percent except as indicated (61,147 represents 61,147,000). Based on the National Survey of Family Growth, see Appendix III]

Sex and age	Number (1,000)	Percent distribution							Number of partners not ascertained
		Total	No partners in last 12 months	One partner		Two or more partners			
				Same sex <sup>1</sup>	Opposite sex	Same sex only <sup>1</sup>	Opposite sex only	Both same and opposite sex <sup>1</sup>	
<b>Males 15 to 44 years old . . . . .</b>	<b>61,147</b>	<b>100.0</b>	<b>14.8</b>	<b>0.7</b>	<b>62.2</b>	<b>0.9</b>	<b>17.6</b>	<b>1.0</b>	<b>2.6</b>
15 to 19 years old . . . . .	10,208	100.0	45.1	0.8	29.7	(S)	21.8	0.9	1.4
20 to 24 years old . . . . .	9,883	100.0	14.2	0.4	48.8	0.9	30.9	1.5	3.2
25 to 44 years old . . . . .	41,056	100.0	7.4	0.7	73.6	1.1	13.4	1.0	2.8
25 to 29 years old . . . . .	9,226	100.0	10.0	0.5	66.6	0.9	18.4	1.1	2.5
30 to 34 years old . . . . .	10,138	100.0	5.6	0.9	74.3	1.0	14.5	1.3	2.4
35 to 39 years old . . . . .	10,557	100.0	7.1	0.9	76.5	1.2	11.4	0.5	2.5
40 to 44 years old . . . . .	11,135	100.0	7.0	0.7	75.9	1.3	10.1	1.0	3.8
<b>Females 15 to 44 years old . . .</b>	<b>61,561</b>	<b>100.0</b>	<b>13.9</b>	<b>1.1</b>	<b>66.8</b>	<b>0.2</b>	<b>12.7</b>	<b>3.1</b>	<b>2.2</b>
15 to 19 years old . . . . .	9,834	100.0	42.9	1.7	30.5	(S)	16.8	5.8	2.1
20 to 24 years old . . . . .	9,840	100.0	12.5	0.4	58.9	(S)	21.1	4.8	1.9
25 to 44 years old . . . . .	41,887	100.0	7.4	1.1	77.2	0.2	9.8	2.0	2.2
25 to 29 years old . . . . .	9,249	100.0	6.1	0.5	74.1	0.4	14.1	2.8	2.0
30 to 34 years old . . . . .	10,272	100.0	7.1	0.5	78.5	(S)	9.7	2.1	1.9
35 to 39 years old . . . . .	10,853	100.0	7.3	1.8	76.8	(S)	9.4	2.5	2.0
40 to 44 years old . . . . .	11,512	100.0	9.0	1.4	78.8	(S)	6.7	0.9	3.0

S Does not meet standards for reliability or precision. <sup>1</sup> Same-sex sexual contact was measured using significantly different questions for males and females.

Source: U.S. National Center for Health Statistics, *Advance Data*, No. 362; "Sexual *Advance Data*", No. 362; "Sexual Behavior and Selected Health Measures: Men and Women 15–44 Years of Age, United States, 2002," September 15, 2005, and unpublished data.

**Table 96. Select Family Planning and Medical Service Use by Women, 15 to 44 Years of Age: 2002**

[61,561 represents 61,561,000. Based on the National Survey of Family Growth, see Appendix III. For women who received at least one family planning or medical service in the 12 months prior to the interview]

Characteristic	Number (1,000)	Percent using—							
		Family planning services			Medical services				
		At least one family planning service	Birth control method	Birth control checkup or test	At least one medical service	Pregnancy test	Pap smear	Pelvic exam	Counseling/test/treatment for STD <sup>1</sup>
<b>All women<sup>2</sup></b> . . . . .	<b>61,561</b>	<b>41.7</b>	<b>33.9</b>	<b>23.6</b>	<b>69.1</b>	<b>19.7</b>	<b>64.4</b>	<b>59.7</b>	<b>12.6</b>
15 to 19 years old . . . . .	9,834	39.9	31.1	22.0	40.6	18.3	34.6	27.0	15.2
15 to 17 years old . . . . .	5,819	31.8	22.2	15.8	28.0	11.4	23.2	17.9	11.1
18 to 19 years old . . . . .	4,016	51.6	43.9	31.0	58.9	28.2	51.2	40.2	21.1
20 to 24 years old . . . . .	9,840	63.3	54.0	35.7	75.7	31.5	69.7	60.6	22.3
25 to 29 years old . . . . .	9,249	55.4	46.3	30.2	75.9	30.2	70.7	66.0	16.6
30 to 34 years old . . . . .	10,272	47.0	39.1	27.2	78.1	22.2	72.7	69.7	12.2
35 to 39 years old . . . . .	10,853	30.5	23.9	18.6	71.5	13.6	68.3	65.9	6.9
40 to 44 years old . . . . .	11,512	19.5	14.0	10.8	71.8	5.9	69.4	67.0	4.4
Currently married . . . . .	28,327	39.5	31.5	21.3	77.2	21.1	73.1	69.8	8.1
Currently cohabiting . . . . .	5,570	50.4	43.2	30.2	77.2	31.0	72.2	64.7	20.3
Never married, not cohabiting . . . .	21,568	44.4	36.4	25.4	55.8	16.5	50.7	43.9	15.9
Formerly married, not cohabiting. . .	6,096	34.5	28.0	22.0	71.0	14.1	66.0	64.0	14.4
White only, Non-Hispanic . . . . .	39,498	43.1	36.4	25.4	70.1	17.3	66.1	63.2	11.8
Black only, Non-Hispanic. . . . .	8,250	39.4	30.6	21.8	74.4	23.7	69.1	58.1	15.7
Hispanic <sup>3</sup> . . . . .	9,107	39.7	28.9	20.6	63.4	24.3	57.1	48.5	12.5

<sup>1</sup> STD stands for sexually transmitted disease. <sup>2</sup> Includes other races not shown separately. <sup>3</sup> Persons of Hispanic origin may be any race.

Source: U.S. National Center for Health Statistics, *Advance Data*, Number 350, "Use of Contraception and Use of Family Planning Services in the United States: 1982–2002," December 10, 2004.

**Table 97. Current Contraceptive Use by Women by Race and Marital Status: 2002**

[In percent, except total (61,561 represents 61,561,000). Based on the National Survey of Family Growth; see Appendix III]

Contraceptive status and method	All women <sup>1, 2</sup>	Race/ethnicity			Marital status		
		White only, Non-Hispanic	Black only, Non-Hispanic	Hispanic <sup>3</sup>	Never married, not cohabiting	Currently married	Formerly married, not cohabiting
<b>All women (1,000) . . . . .</b>	<b>61,561</b>	<b>39,498</b>	<b>8,250</b>	<b>9,107</b>	<b>21,568</b>	<b>28,327</b>	<b>6,096</b>
PERCENT DISTRIBUTION							
Using contraception (contraceptors) <sup>4</sup> . . . . .	61.9	64.6	57.6	59.0	44.0	72.9	64.4
Female sterilization . . . . .	16.7	15.4	22.6	19.9	4.4	21.7	35.3
Male sterilization . . . . .	5.7	7.6	1.3	2.6	0.4	11.2	2.2
Pill . . . . .	18.9	22.2	13.1	13.0	21.8	17.2	12.3
Implant, Lunelle™ . . . . .	0.8	0.5	0.6	1.8	0.4	1.0	0.5
3-month injectable (Depo-Provera™) . . . . .	3.3	2.7	5.4	4.3	4.2	2.2	1.7
Intrauterine device (IUD) . . . . .	1.3	1.0	0.8	3.2	0.2	1.9	1.9
Diaphragm . . . . .	0.2	0.2	0.1	—	0.2	0.2	—
Condom . . . . .	11.1	10.7	11.4	10.9	10.3	12.0	8.0
Periodic abstinence—calendar rhythm . . . . .	0.7	0.8	0.3	0.6	0.2	1.3	0.3
Periodic abstinence—natural family planning . . . . .	0.2	0.3	0.1	0.3	—	0.4	—
Withdrawal . . . . .	2.5	2.6	1.5	2.2	1.6	3.0	1.3
Other methods <sup>5</sup> . . . . .	0.6	0.7	0.5	0.3	0.2	0.7	0.9
Not using contraception . . . . .	38.1	35.4	42.4	41.0	56.0	27.1	35.6
Surgically sterile-female (noncontraceptive) . . . . .	1.5	1.6	1.6	0.9	0.4	2.1	3.0
Nonsurgically sterile-female or male <sup>6</sup> . . . . .	1.6	1.7	1.4	1.7	1.0	2.0	2.5
Pregnant or postpartum . . . . .	5.3	4.7	5.7	6.9	2.3	7.5	2.2
Seeking pregnancy . . . . .	4.2	4.0	4.3	5.2	0.8	6.9	2.0
Other nonuse . . . . .	25.5	23.6	29.5	26.4	51.4	8.6	26.0
Never had intercourse or no intercourse in 3 months before interview . . . . .	18.1	17.0	19.0	18.7	42.9	2.3	17.7
Had intercourse in 3 months before interview . . . . .	7.4	6.5	10.4	7.7	8.5	6.3	8.2
All other nonusers . . . . .	—	0.1	0.1	—	—	—	0.1

— Represents or rounds to zero. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Includes women who are currently cohabiting not shown separately. <sup>3</sup> Persons of Hispanic origin may be any race. <sup>4</sup> Percents may not add to the total who were using contraception because more than one method could have been used in the month of interview. <sup>5</sup> Includes implants, injectables, morning-after pill, suppository, Today™ sponge, and less frequently used methods. <sup>6</sup> Persons sterile from illness, accident, or congenital conditions.

Source: U.S. National Center for Health Statistics, *Advance Data*, Number 350, "Use of Contraception and Use of Family Planning Services in the United States: 1982–2002," December 10, 2004.

**Table 98. Outcomes of Assisted Reproductive Technology (ART) Procedures: 2000 to 2006**

[In 1996, Centers for Disease Control (CDC) initiated data collection regarding (ART) procedures performed in the United States, as mandated by the Fertility Clinic Success Rate and Certification Act. ARTs include those infertility treatments in which both eggs and sperm are handled in the laboratory for the purpose of establishing a pregnancy (i.e. in vitro fertilization and related procedures)]

Year	Procedures started <sup>1</sup>	Number of pregnancies	Live birth deliveries <sup>2</sup>	Live born infants
2000 . . . . .	99,629	30,557	25,228	35,025
2001 . . . . .	107,587	35,726	29,344	40,687
2002 . . . . .	115,392	40,046	33,141	45,751
2003 . . . . .	122,872	43,503	35,785	48,756
2004 . . . . .	127,977	44,774	36,760	49,458
2005 . . . . .	134,260	47,651	38,910	52,041
2006 . . . . .	138,198	50,571	41,343	54,656

<sup>1</sup> Excludes procedures for which new treatments were being evaluated. <sup>2</sup> A live-birth delivery is defined as the delivery of one or more live born infants.

Source: U.S. Centers for Disease Control and Prevention, Morbidity and Mortality Weekly Report (MMWR) Surveillance Summary Reports, *Assisted Reproductive Technology Surveillance - United States, 2006* ; Vol. 58, No. SS-5, June 12, 2009. See also <<http://www.cdc.gov/mmwr/preview/mmwrhtml/ss5805a1.htm>>.

**Table 99. Abortions—Number and Rate by Race: 1990 to 2005**

[58,700 represents 58,700,000]

Year	All races			White			Black			Other		
	Women 15 to 44 years old (1,000)	Abortions		Women 15 to 44 years old (1,000)	Abortions		Women 15 to 44 years old (1,000)	Abortions		Women 15 to 44 years old (1,000)	Abortions	
		Num- ber (1,000)	Rate per 1,000 women		Num- ber (1,000)	Rate per 1,000 wom- en <sup>1</sup>		Num- ber (1,000)	Rate per 1,000 wom- en <sup>1</sup>		Num- ber (1,000)	Rate per 1,000 wom- en <sup>1</sup>
1990 <sup>2</sup> . .	58,700	1,609	27.4	48,224	1,039	21.5	7,905	505	63.9	2,571	65	25.1
1991 . . .	59,305	1,557	26.2	48,560	982	20.2	8,053	507	62.9	2,692	68	26.2
1992 . . .	59,417	1,529	25.7	48,435	943	19.5	8,170	517	63.3	2,812	69	24.4
1993 <sup>2</sup> . .	59,712	1,495	25.0	48,497	908	18.7	8,282	517	62.4	2,933	70	23.9
1994 <sup>2</sup> . .	60,020	1,423	23.7	48,592	856	17.6	8,390	492	58.6	3,039	76	23.7
1995 . . .	60,368	1,359	22.5	48,719	817	16.8	8,496	462	54.4	3,153	80	25.3
1996 . . .	60,704	1,360	22.4	48,837	797	16.3	8,592	483	56.2	3,275	81	24.6
1997 <sup>2</sup> . .	61,041	1,335	21.9	48,942	777	15.9	8,694	479	55.1	3,405	79	23.1
1998 <sup>2</sup> . .	61,326	1,319	21.5	49,012	762	15.5	8,785	476	54.2	3,528	81	23.1
1999 . . .	61,475	1,315	21.4	48,974	743	15.2	8,851	485	54.8	3,650	87	24.0
2000 . . .	61,631	1,313	21.3	48,936	733	15.0	8,907	488	54.8	3,788	92	24.4
2001 <sup>2</sup> . .	61,673	1,291	20.9	48,868	717	14.7	8,962	476	53.1	3,843	99	25.7
2002 <sup>2</sup> . .	62,044	1,269	20.5	48,998	706	14.4	9,026	468	51.8	4,020	96	23.8
2003 <sup>2</sup> . .	61,911	1,250	20.2	48,782	695	14.2	9,054	458	50.6	4,075	97	23.8
2004 . . .	62,033	1,222	19.7	48,758	674	13.8	9,116	453	49.7	4,160	95	22.9
2005 . . .	62,074	1,206	19.4	48,678	662	13.6	9,177	452	49.3	4,219	92	21.9

<sup>1</sup> Aged 15–44. <sup>2</sup> Total numbers of abortions in 1990, 1993, 1994, 1997, 1998 and 2001–2003 have been estimated by interpolation.

Source: R.K. Jones, M.R.S. Zolna, S.K. Henshaw, and L.B. Finer, "Abortion in the United States: *Incidence and Access to Services, 2005*," Perspectives on Sexual and Reproductive Health, 40(1):6-16, and unpublished data from Guttmacher Institute.



**Table 100. Abortions by Selected Characteristics: 1990 to 2005**

[1,609 represents 1,609,000. Number of abortions from surveys conducted by source; characteristics from the U.S. Centers for Disease Control's (CDC) annual abortion surveillance summaries, with adjustments for changes in states reporting data to the CDC each year]

Characteristic	Number (1,000)			Percent distribution			Abortion rate per 1,000 women <sup>1</sup>		
	1990	2000	2005	1990	2000	2005	1990	2000	2005
<b>Total abortions . . . . .</b>	<b>1,609</b>	<b>1,313</b>	<b>1,206</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>27.4</b>	<b>21.3</b>	<b>19.4</b>
<b>Age of woman:</b>									
Less than 15 years old <sup>1</sup> . . . . .	13	9	7	0.8	0.7	0.6	7.9	4.4	3.2
15 to 19 years old . . . . .	351	235	196	21.8	17.9	16.2	40.6	24.0	19.1
20 to 24 years old . . . . .	532	430	396	33.1	32.7	32.8	56.7	45.9	38.9
25 to 29 years old . . . . .	360	303	287	22.4	23.0	23.7	34.0	31.8	29.2
30 to 34 years old . . . . .	216	190	179	13.4	14.5	14.8	19.7	18.6	18.0
35 to 39 years old . . . . .	108	110	104	6.7	8.4	8.7	10.7	9.7	10.0
40 years old and over <sup>2</sup> . . . . .	29	37	38	1.8	2.8	3.2	3.2	3.2	3.3
<b>Race and ethnicity of woman:</b>									
White . . . . .	1,039	733	662	64.6	55.8	54.9	21.5	15.0	13.6
Black . . . . .	505	488	452	31.4	37.2	37.5	63.9	54.8	49.3
Other . . . . .	65	92	92	4.0	7.0	7.6	25.1	24.4	21.9
Hispanic . . . . .	195	261	263	12.1	19.8	21.8	35.1	30.3	26.5
Non-Hispanic White . . . . .	852	479	415	52.9	36.5	34.4	19.7	11.7	10.5
<b>Marital status of woman: <sup>3</sup></b>									
Married . . . . .	341	246	208	21.0	19.0	17.2	10.6	7.9	6.9
Unmarried . . . . .	1,268	1,067	999	79.0	81.0	82.8	47.7	34.9	31.0
<b>Number of prior live births:</b>									
None . . . . .	780	533	491	49.0	41.0	41.0	32.0	20.2	(NA)
One . . . . .	396	361	321	25.0	28.0	27.0	36.9	32.5	(NA)
Two . . . . .	280	260	241	17.0	20.0	20.0	20.5	18.9	(NA)
Three . . . . .	102	104	100	6.0	8.0	8.0	15.6	14.8	(NA)
Four or more . . . . .	50	56	53	3.0	4.0	4.0	14.7	16.5	(NA)
<b>Number of prior induced abortions:</b>									
None . . . . .	891	699	644	55.0	53.0	53.0	(NA)	(NA)	(NA)
One . . . . .	443	355	321	28.0	27.0	27.0	(NA)	(NA)	(NA)
Two or more . . . . .	275	259	241	17.0	20.0	20.0	(NA)	(NA)	(NA)
<b>Weeks of gestation:</b>									
Less than 9 weeks . . . . .	825	749	728	51.3	57.1	60.4	(NA)	(NA)	(NA)
9 to 10 weeks . . . . .	416	269	217	25.8	20.5	18.0	(NA)	(NA)	(NA)
11 to 12 weeks . . . . .	195	138	118	12.1	10.5	9.8	(NA)	(NA)	(NA)
13 weeks or more . . . . .	173	156	142	10.8	11.9	11.8	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Denominator of rate is women aged 14. <sup>2</sup> Denominator of rate is women aged 40-44. <sup>3</sup> Separated women are included with married.

Source: R.K. Jones, M.R.S. Zolna, S.K. Henshaw, and L.B. Finer, "Abortion in the United States: Incidence and Access to Services, 2005," Perspectives on Sexual and Reproductive Health, 2008, 40(1):6-16; S.K. Henshaw and K. Kost, *Trends in the Characteristics of Women Obtaining Abortions, 1974-2004*, New York: Guttmacher Institute, 2008; and unpublished data from the Guttmacher Institute.

**Table 101. Abortions—Number and Rate by State of Occurrence, 2000 and 2005, and Residence, 2005**

[Number of abortions by state of occurrence from surveys of hospitals, clinics, and physicians identified as providers of abortion services conducted by the Guttmacher Institute. The Guttmacher Institute reallocates abortions to the woman's state of residence for survey years. Abortion rates are computed per 1,000 women 15 to 44 years of age on July 1 of specified year]

State	Occurrence				Residence, 2005		State	Occurrence				Residence, 2005	
	Number		Rate <sup>1</sup>		Num- ber	Rate <sup>1</sup>		Number		Rate <sup>1</sup>		Num- ber	Rate <sup>1</sup>
	2000	2005	2000	2005				2000	2005	2000	2005		
<b>U.S..</b>	<b>1,312,990</b>	<b>1,206,200</b>	<b>21.3</b>	<b>19.4</b>	<b>1,198,960</b>	<b>19.3</b>							
AL . . .	13,830	11,340	14.2	12.1	10,840	11.5	MO . .	7,920	8,400	6.6	7.0	14,900	12.5
AK . . .	1,660	1,880	11.7	13.2	2,130	14.9	MT . . .	2,510	2,150	13.5	11.9	2,020	11.2
AZ . . .	17,940	19,480	16.5	16.1	19,710	16.3	NE . . .	4,250	3,220	11.6	9.1	2,990	8.4
AR . . .	5,540	4,710	9.8	8.4	5,200	9.3	NV . . .	13,740	13,530	32.4	27.7	12,990	26.6
CA . . .	236,060	208,430	31.2	26.9	206,260	26.6	NH . . .	3,010	3,170	11.2	11.8	3,060	11.4
CO . . .	15,530	16,120	16.0	16.2	14,720	14.8	NJ . . .	65,780	61,150	36.3	34.5	60,330	34.0
CT . . .	15,240	16,780	21.1	23.8	17,340	24.6	NM . . .	5,760	6,220	14.7	15.7	6,690	16.9
DE . . .	5,440	5,150	31.3	29.2	4,140	23.5	NY . . .	164,630	155,960	39.1	37.7	152,340	36.9
DC . . .	9,800	7,230	68.2	50.0	6,390	44.2	NC . . .	37,610	34,500	21.1	18.9	29,730	16.3
FL . . .	103,050	92,300	32.0	26.7	85,360	24.7	ND . . .	1,340	1,230	9.9	9.6	890	7.0
GA . . .	32,140	33,180	16.9	16.6	32,040	16.0	OH . . .	40,230	35,060	16.5	14.9	33,140	14.1
HI . . .	5,630	5,350	22.2	21.3	5,330	21.2	OK . . .	7,390	6,950	10.1	9.7	7,420	10.3
ID . . .	1,950	1,810	7.0	6.2	2,540	8.7	OR . . .	17,010	13,200	23.6	18.1	11,900	16.3
IL . . .	63,690	50,970	23.2	18.9	48,420	18.0	PA . . .	36,570	34,150	14.3	13.9	38,110	15.5
IN . . .	12,490	11,150	9.4	8.6	13,180	10.2	RI . . .	5,600	5,290	24.1	23.3	4,680	20.6
IA . . .	5,970	6,370	9.8	10.9	6,130	10.5	SC . . .	8,210	7,080	9.3	8.0	13,320	15.0
KS . . .	12,270	10,410	21.4	18.6	5,620	10.0	SD . . .	870	790	5.5	5.1	980	6.4
KY . . .	4,700	3,870	5.3	4.5	6,060	7.0	TN . . .	19,010	18,140	15.2	14.5	15,520	12.4
LA . . .	13,100	11,400	13.0	11.8	10,330	10.7	TX . . .	89,160	85,760	18.8	17.4	84,560	17.1
ME . . .	2,650	2,770	9.9	10.7	2,840	10.9	UT . . .	3,510	3,630	6.7	6.4	3,610	6.4
MD . . .	34,560	37,590	29.0	31.3	35,250	29.3	VT . . .	1,660	1,490	12.7	11.9	1,810	14.5
MA . . .	30,410	27,270	21.4	19.8	27,800	20.2	VA . . .	28,780	26,520	18.1	16.4	30,590	18.9
MI . . .	46,470	40,600	21.6	19.5	39,930	19.2	WA . . .	26,200	23,260	20.3	17.8	23,680	18.1
MN . . .	14,610	13,910	13.5	13.1	13,370	12.6	WV . .	2,540	2,360	6.8	6.7	2,700	7.7
MS . . .	3,780	3,090	6.0	5.0	7,930	12.9	WI . . .	11,130	9,800	9.6	8.6	10,920	9.6
							WY . .	100	70	1.0	0.7	1,220	12.2

<sup>1</sup> Rate per 1,000 women, 15 to 44 years old.

Source: R.K. Jones et al., *Abortion in the United States: Incidence and Access to Services, 2005*, Perspectives on Sexual and Reproductive Health 40:6, 2008, and unpublished data. See also <<http://www.guttmacher.org/>>.

**Table 102. Expectation of Life at Birth, 1970 to 2006, and Projections, 2010 to 2020**

[In years. Excludes deaths of nonresidents of the United States. See Appendix III]

Year	Total			White			Black		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1970	70.8	67.1	74.7	71.7	68.0	75.6	64.1	60.0	68.3
1975	72.6	68.8	76.6	73.4	69.5	77.3	66.8	62.4	71.3
1980	73.7	70.0	77.4	74.4	70.7	78.1	68.1	63.8	72.5
1981	74.1	70.4	77.8	74.8	71.1	78.4	68.9	64.5	73.2
1982	74.5	70.8	78.1	75.1	71.5	78.7	69.4	65.1	73.6
1983	74.6	71.0	78.1	75.2	71.6	78.7	69.4	65.2	73.5
1984	74.7	71.1	78.2	75.3	71.8	78.7	69.5	65.3	73.6
1985	74.7	71.1	78.2	75.3	71.8	78.7	69.3	65.0	73.4
1986	74.7	71.2	78.2	75.4	71.9	78.8	69.1	64.8	73.4
1987	74.9	71.4	78.3	75.6	72.1	78.9	69.1	64.7	73.4
1988	74.9	71.4	78.3	75.6	72.2	78.9	68.9	64.4	73.2
1989	75.1	71.7	78.5	75.9	72.5	79.2	68.8	64.3	73.3
1990	75.4	71.8	78.8	76.1	72.7	79.4	69.1	64.5	73.6
1991	75.5	72.0	78.9	76.3	72.9	79.6	69.3	64.6	73.8
1992	75.8	72.3	79.1	76.5	73.2	79.8	69.6	65.0	73.9
1993	75.5	72.2	78.8	76.3	73.1	79.5	69.2	64.6	73.7
1994	75.7	72.4	79.0	76.5	73.3	79.6	69.5	64.9	73.9
1995	75.8	72.5	78.9	76.5	73.4	79.6	69.6	65.2	73.9
1996	76.1	73.1	79.1	76.8	73.9	79.7	70.2	66.1	74.2
1997	76.5	73.6	79.4	77.2	74.3	79.9	71.1	67.2	74.7
1998	76.7	73.8	79.5	77.3	74.5	80.0	71.3	67.6	74.8
1999	76.7	73.9	79.4	77.3	74.6	79.9	71.4	67.8	74.7
2000 <sup>1</sup>	76.8	74.1	79.3	77.3	74.7	79.9	71.8	68.2	75.1
2001 <sup>1</sup>	76.9	74.2	79.4	77.4	74.8	79.9	72.0	68.4	75.2
2002 <sup>1</sup>	76.9	74.3	79.5	77.4	74.9	79.9	72.1	68.6	75.4
2003 <sup>1,2</sup>	77.1	74.5	79.6	77.6	75.0	80.0	72.3	68.8	75.6
2004 <sup>1,2</sup>	77.5	74.9	79.9	77.9	75.4	80.4	72.8	69.3	76.0
2005 <sup>1,2</sup>	77.4	74.9	79.9	77.9	75.4	80.4	72.8	69.3	76.1
2006 <sup>1,2</sup>	77.7	75.1	80.2	78.2	75.7	80.6	73.2	69.7	76.5
Projections: <sup>3</sup>									
2010	78.3	75.7	80.8	78.9	76.5	81.3	73.8	70.2	77.2
2015	78.9	76.4	81.4	79.5	77.1	81.8	75.0	71.4	78.2
2020	79.5	77.1	81.9	80.0	77.7	82.4	76.1	72.6	79.2

<sup>1</sup> Life expectancies for 2000–2006 were calculated using a revised methodology and may differ from those previously published. <sup>2</sup> Multiple-race data were reported by 25 states and the District of Columbia in 2006, by 21 states and the District of Columbia in 2005, by 15 states in 2004, and by 7 states in 2003. The multiple-race data for these reporting areas were bridged to the single-race categories of the 1977 OMB standards for comparability with other reporting areas. <sup>3</sup> Based on middle mortality assumptions; for details, see source. Source: U.S. Census Bureau, 2008 National Population Projections, released August, 2008. See <<http://www.census.gov/population/www/projections/2008projections.html>>.

Source: Except as noted, U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSr), *Deaths: Final Data for 2006*, Vol. 57, No. 14, April 17, 2009.

**Table 103. Average Number of Years of Life Remaining by Sex and Age: 1989 to 2006**

[Excludes deaths of nonresidents of the United States. See Appendix III]

Age (years)	Total			Male			Female		
	1989– 1991	1999– 2001	2006	1989– 1991	1999– 2001	2006	1989– 1991	1999– 2001	2006
0 . . . . .	75.4	76.8	77.7	71.8	74.1	75.1	78.8	79.5	80.2
1 . . . . .	75.1	76.4	77.2	71.6	73.7	74.7	78.5	79.0	79.7
5 . . . . .	71.2	72.5	73.3	67.7	69.8	70.8	74.6	75.0	75.8
10 . . . . .	66.3	67.5	68.4	62.8	64.8	65.8	69.7	70.1	70.8
15 . . . . .	61.4	62.6	63.4	57.9	59.9	60.9	64.7	65.2	65.9
20 . . . . .	56.6	57.8	58.6	53.3	55.2	56.1	59.9	60.3	61.0
25 . . . . .	51.9	53.1	53.9	48.7	50.5	51.5	55.0	55.4	56.1
30 . . . . .	47.2	48.3	49.2	44.1	45.9	46.9	50.2	50.6	51.3
35 . . . . .	42.6	43.5	44.4	39.6	41.2	42.2	45.4	45.7	46.4
40 . . . . .	38.0	38.9	39.7	35.1	36.6	37.6	40.7	41.0	41.7
45 . . . . .	33.4	34.3	35.2	30.7	32.1	33.1	36.0	36.3	37.0
50 . . . . .	29.0	29.9	30.7	26.4	27.8	28.8	31.4	31.7	32.5
55 . . . . .	24.8	25.6	26.5	22.3	23.6	24.7	27.1	27.3	28.0
60 . . . . .	20.9	21.5	22.4	18.5	19.7	20.7	22.9	23.1	23.8
65 . . . . .	17.3	17.8	18.5	15.1	16.1	17.0	19.0	19.1	19.7
70 . . . . .	14.0	14.3	14.9	12.1	12.8	13.6	15.4	15.4	15.9
75 . . . . .	11.0	11.1	11.6	9.4	9.9	10.5	12.1	12.0	12.3
80 . . . . .	8.4	8.4	8.7	7.1	7.4	7.8	9.1	9.1	9.3
85 . . . . .	6.2	6.2	6.4	5.3	5.5	5.7	6.7	6.6	6.8
90 . . . . .	4.5	4.5	4.6	3.9	4.0	4.1	4.7	4.7	4.8
95 . . . . .	3.3	3.2	3.2	2.9	2.8	2.9	3.4	3.3	3.3
100 . . . . .	2.5	2.3	2.3	2.3	2.0	2.0	2.5	2.3	2.3

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *U.S. Decennial Life Tables for 1999–2001, United States Life Tables*, Vol. 57, No. 1, August 5, 2008 and unpublished data.

**Table 104. Selected Life Table Values: 1979 to 2006**

[See Appendix III]

Age and sex	Total <sup>1</sup>								White								Black							
	1979–1981 <sup>2</sup>	1990	1995	2000	2003	2004	2005 <sup>3</sup>	2006 <sup>3</sup>	1979–1981 <sup>2</sup>	1990	1995	2000	2003	2004	2005 <sup>3</sup>	2006 <sup>3</sup>	1979–1981 <sup>2</sup>	1990	1995	2000	2003	2004	2005 <sup>3</sup>	2006 <sup>3</sup>
<b>EXPECTATION OF LIFE IN YEARS</b>																								
At birth: Male . . . . .	70.1	71.8	72.5	74.3	74.7	75.2	74.9	75.1	70.8	72.7	73.4	74.9	75.3	75.7	75.4	75.7	64.1	64.5	65.2	68.3	68.9	69.5	69.3	69.7
Female . . . . .	77.6	78.8	78.9	79.7	80.0	80.4	79.9	80.2	78.2	79.4	79.6	80.1	80.4	80.8	80.4	80.6	72.9	73.6	73.9	75.2	75.9	76.3	76.1	76.5
Age 20: Male . . . . .	51.9	53.3	53.8	55.3	55.8	56.2	55.9	56.1	52.5	54.0	54.5	55.8	56.2	56.6	56.3	56.6	46.4	46.7	47.3	50.0	50.6	51.2	51.0	51.3
Female . . . . .	59.0	59.8	59.9	60.5	60.8	61.2	60.7	61.0	59.4	60.3	60.3	60.9	61.1	61.5	61.0	61.3	54.9	55.3	55.5	56.6	57.2	57.7	57.4	57.8
Age 40: Male . . . . .	33.6	35.1	35.6	36.7	37.2	37.6	37.3	37.6	34.0	35.6	36.1	37.1	37.6	37.9	37.7	37.9	29.5	30.1	30.6	32.3	32.9	33.4	33.2	33.5
Female . . . . .	39.8	40.6	40.7	41.2	41.5	41.9	41.4	41.7	40.2	41.0	41.0	41.5	41.8	42.1	41.7	41.9	36.3	36.8	37.0	37.8	38.4	38.8	38.5	38.9
Age 50: Male . . . . .	25.0	26.4	27.0	27.9	28.5	28.8	28.5	28.8	25.3	26.7	27.3	28.2	28.7	29.1	28.8	29.0	22.0	22.5	23.1	24.2	24.7	25.1	24.9	25.2
Female . . . . .	30.7	31.3	31.4	32.0	32.3	32.7	32.2	32.5	31.0	31.6	31.7	32.2	32.5	32.9	32.4	32.6	27.8	28.2	28.5	29.1	29.8	30.1	29.8	30.2
Age 65: Male . . . . .	14.2	15.1	15.6	16.2	16.8	17.1	16.8	17.0	14.3	15.2	15.7	16.3	16.8	17.2	16.9	17.1	13.3	13.2	13.7	14.2	14.8	15.2	14.9	15.1
Female . . . . .	18.4	18.9	18.9	19.3	19.7	20.0	19.5	19.7	18.6	19.1	19.0	19.4	19.7	20.0	19.5	19.8	17.1	17.2	17.2	17.7	18.3	18.6	18.2	18.6
<b>EXPECTED DEATHS PER 1,000 ALIVE AT SPECIFIED AGE <sup>4</sup></b>																								
At birth: Male . . . . .	13.9	10.3	8.3	7.5	7.6	7.5	7.6	7.3	12.3	8.6	7.0	6.2	6.4	6.2	6.3	6.1	23.0	19.7	16.2	15.6	15.6	15.3	15.2	14.5
Female . . . . .	11.2	8.2	6.8	6.2	6.1	6.1	6.2	6.1	9.7	6.6	5.6	5.1	5.1	5.1	5.1	5.0	19.3	16.3	13.8	12.7	12.4	12.4	12.3	12.2
Age 20: Male . . . . .	1.8	1.6	(NA)	1.3	1.3	1.3	1.3	1.3	1.8	1.4	(NA)	1.2	1.2	1.2	1.2	1.2	2.2	2.7	(NA)	2.0	1.9	1.8	1.9	1.8
Female . . . . .	0.6	0.5	(NA)	0.5	0.5	0.5	0.5	0.5	0.6	0.5	(NA)	0.4	0.5	0.4	0.4	0.4	0.7	0.7	(NA)	0.6	0.6	0.6	0.5	0.5
Age 40: Male . . . . .	3.0	3.1	(NA)	2.6	2.6	2.4	2.3	2.3	2.6	2.7	(NA)	2.4	2.4	2.3	2.2	2.2	6.9	7.1	(NA)	4.6	4.3	3.9	3.6	3.6
Female . . . . .	1.6	1.4	(NA)	1.5	1.5	1.5	1.4	1.4	1.4	1.2	(NA)	1.3	1.4	1.3	1.3	1.3	3.2	3.1	(NA)	2.8	2.7	2.6	2.4	2.4
Age 50: Male . . . . .	7.8	6.2	(NA)	5.7	5.7	5.6	5.2	5.2	7.1	5.6	(NA)	5.2	5.2	5.2	4.9	4.8	14.9	12.8	(NA)	11.2	10.5	10.1	8.7	8.5
Female . . . . .	4.2	3.5	(NA)	3.3	3.3	3.2	3.1	3.1	3.8	3.2	(NA)	2.9	2.9	2.9	2.8	2.9	7.7	6.6	(NA)	6.2	6.1	5.9	5.5	5.3
Age 65: Male . . . . .	28.2	22.9	(NA)	20.0	18.5	17.8	13.9	13.7	27.4	23.0	(NA)	19.2	17.8	17.1	13.6	13.4	38.5	36.8	(NA)	29.6	29.1	28.4	18.7	18.6
Female . . . . .	14.3	13.5	(NA)	12.7	11.9	11.5	10.0	10.0	13.6	12.8	(NA)	12.2	11.4	11.0	9.6	9.4	21.6	21.4	(NA)	18.2	17.7	16.9	13.3	13.0
<b>NUMBER SURVIVING TO SPECIFIED AGE PER 1,000 BORN ALIVE</b>																								
Age 20: Male . . . . .	973	979	981	984	985	985	984	985	975	981	981	986	986	987	986	987	961	963	967	973	974	974	973	975
Female . . . . .	982	986	987	989	989	989	989	990	984	988	987	990	991	991	991	991	972	976	978	981	982	982	982	983
Age 40: Male . . . . .	933	938	940	953	954	955	954	955	940	946	940	958	958	959	958	959	885	880	885	918	923	925	922	925
Female . . . . .	965	971	971	975	975	976	975	976	969	975	971	978	978	978	977	978	941	944	944	955	958	958	958	960
Age 50: Male . . . . .	890	899	899	917	918	921	918	920	901	912	899	925	925	927	924	927	801	801	803	855	864	869	865	872
Female . . . . .	941	950	950	954	954	954	953	954	947	957	950	960	959	959	957	959	896	904	902	915	919	921	920	924
Age 65: Male . . . . .	706	741	750	779	787	792	784	791	724	760	750	794	800	805	797	805	551	571	581	640	659	668	658	674
Female . . . . .	835	851	855	863	867	870	866	871	848	864	855	874	877	879	874	880	733	751	758	780	786	792	788	799

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Decennial life tables are based on population data from a decennial census and reported deaths of the 3-year period surrounding the census year; the census year is the middle year. The annual tables are based on deaths in a single year, and except for census years, on postcensal population estimates. <sup>3</sup> Life expectancies for 2005–2006 were calculated using a revised methodology and may differ from those previously published. <sup>4</sup> See footnote 2, Table 105.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), "U.S. Decennial Life Tables for 1979–1981"; <[http://www.cdc.gov/nchs/products/life\\_tables.htm#1979\\_1981](http://www.cdc.gov/nchs/products/life_tables.htm#1979_1981)>. U.S. Life Tables, 2004, Vol. 56, No. 9, December 28, 2007; Deaths: Final Data for 2006, Vol. 57, No. 14, 17 April 2009.

**Table 105. Expectation of Life and Expected Deaths by Race, Sex, and Age: 2006**

[Life expectancies were calculated using a revised methodology and may differ from those previously published. The methodology uses vital statistics death rates for ages under 66 and modeled probabilities of death for ages 66 to 100 based on blended vital statistics and Medicare probabilities of dying]

Age (years)	Expectation of life in years					Expected deaths per 1,000 alive at specified age <sup>2</sup>				
	White		Black		Total <sup>1</sup>	White		Black		
	Total <sup>1</sup>	Male	Female	Male		Female	Male	Female	Male	Female
At birth . . . . .	77.7	75.7	80.6	69.7	76.5	6.71	6.12	5.01	14.48	12.23
1 . . . . .	77.2	75.1	80.0	69.7	76.5	0.44	0.40	0.39	0.76	0.60
2 . . . . .	76.3	74.2	79.0	68.7	75.5	0.30	0.29	0.23	0.46	0.48
3 . . . . .	75.3	73.2	78.0	67.8	74.6	0.21	0.22	0.17	0.37	0.24
4 . . . . .	74.3	72.2	77.1	66.8	73.6	0.18	0.18	0.15	0.27	0.24
5 . . . . .	73.3	71.2	76.1	65.8	72.6	0.17	0.17	0.13	0.27	0.21
6 . . . . .	72.3	70.2	75.1	64.8	71.6	0.15	0.16	0.12	0.26	0.18
7 . . . . .	71.3	69.2	74.1	63.9	70.6	0.14	0.15	0.11	0.24	0.16
8 . . . . .	70.4	68.2	73.1	62.9	69.6	0.12	0.13	0.10	0.20	0.14
9 . . . . .	69.4	67.3	72.1	61.9	68.6	0.10	0.10	0.09	0.15	0.13
10 . . . . .	68.4	66.3	71.1	60.9	67.7	0.09	0.08	0.08	0.10	0.14
11 . . . . .	67.4	65.3	70.1	59.9	66.7	0.09	0.08	0.08	0.10	0.15
12 . . . . .	66.4	64.3	69.1	58.9	65.7	0.12	0.13	0.10	0.17	0.17
13 . . . . .	65.4	63.3	68.1	57.9	64.7	0.20	0.24	0.15	0.34	0.20
14 . . . . .	64.4	62.3	67.1	56.9	63.7	0.31	0.39	0.21	0.58	0.23
15 . . . . .	63.4	61.3	66.1	56.0	62.7	0.43	0.54	0.27	0.84	0.27
16 . . . . .	62.4	60.4	65.2	55.0	61.7	0.55	0.69	0.33	1.09	0.32
17 . . . . .	61.5	59.4	64.2	54.1	60.8	0.65	0.84	0.38	1.31	0.36
18 . . . . .	60.5	58.4	63.2	53.1	59.8	0.74	0.98	0.41	1.50	0.42
19 . . . . .	59.6	57.5	62.2	52.2	58.8	0.82	1.10	0.43	1.67	0.47
20 . . . . .	58.6	56.6	61.3	51.3	57.8	0.89	1.23	0.44	1.84	0.54
21 . . . . .	57.7	55.6	60.3	50.4	56.9	0.97	1.35	0.45	2.01	0.60
22 . . . . .	56.7	54.7	59.3	49.5	55.9	1.02	1.43	0.46	2.15	0.67
23 . . . . .	55.8	53.8	58.3	48.6	54.9	1.03	1.44	0.47	2.23	0.71
24 . . . . .	54.8	52.9	57.4	47.7	54.0	1.02	1.40	0.48	2.26	0.75
25 . . . . .	53.9	51.9	56.4	46.8	53.0	1.00	1.35	0.49	2.28	0.79
26 . . . . .	53.0	51.0	55.4	46.0	52.1	0.99	1.31	0.50	2.30	0.83
27 . . . . .	52.0	50.1	54.5	45.1	51.1	0.98	1.27	0.51	2.31	0.87
28 . . . . .	51.1	49.1	53.5	44.2	50.1	0.98	1.26	0.53	2.34	0.92
29 . . . . .	50.1	48.2	52.5	43.3	49.2	1.00	1.27	0.55	2.38	0.98
30 . . . . .	49.2	47.3	51.5	42.4	48.2	1.02	1.29	0.57	2.43	1.04
31 . . . . .	48.2	46.3	50.6	41.5	47.3	1.05	1.31	0.60	2.47	1.12
32 . . . . .	47.3	45.4	49.6	40.6	46.3	1.09	1.34	0.64	2.58	1.21
33 . . . . .	46.3	44.5	48.6	39.7	45.4	1.13	1.37	0.69	2.59	1.30
34 . . . . .	45.4	43.5	47.7	38.8	44.5	1.18	1.42	0.74	2.66	1.40
35 . . . . .	44.4	42.6	46.7	37.9	43.5	1.24	1.48	0.80	2.75	1.51
36 . . . . .	43.5	41.6	45.7	37.0	42.6	1.32	1.55	0.86	2.86	1.63
37 . . . . .	42.5	40.7	44.8	36.1	41.7	1.41	1.66	0.94	2.99	1.78
38 . . . . .	41.6	39.8	43.8	35.3	40.7	1.53	1.80	1.04	3.16	1.96
39 . . . . .	40.7	38.9	42.9	34.4	39.8	1.68	1.97	1.15	3.36	2.17
40 . . . . .	39.7	37.9	41.9	33.5	38.9	1.84	2.15	1.27	3.58	2.37
41 . . . . .	38.8	37.0	41.0	32.6	38.0	2.00	2.34	1.39	3.83	2.59
42 . . . . .	37.9	36.1	40.0	31.8	37.1	2.18	2.55	1.52	4.12	2.82
43 . . . . .	37.0	35.2	39.1	30.9	36.2	2.38	2.77	1.66	4.48	3.08
44 . . . . .	36.1	34.3	38.2	30.1	35.3	2.59	3.01	1.81	4.89	3.36
45 . . . . .	35.2	33.4	37.2	29.2	34.5	2.81	3.26	1.98	5.31	3.66
46 . . . . .	34.3	32.5	36.3	28.4	33.6	3.03	3.52	2.14	5.76	3.95
47 . . . . .	33.4	31.6	35.4	27.6	32.7	3.27	3.80	2.31	6.28	4.26
48 . . . . .	32.5	30.8	34.5	26.8	31.9	3.53	4.11	2.48	6.92	4.57
49 . . . . .	31.6	29.9	33.6	26.0	31.0	3.82	4.45	2.65	7.65	4.90
50 . . . . .	30.7	29.0	32.6	25.2	30.2	4.13	4.83	2.85	8.47	5.25
51 . . . . .	29.9	28.2	31.7	24.4	29.4	4.46	5.22	3.06	9.32	5.63
52 . . . . .	29.0	27.4	30.8	23.7	28.5	4.80	5.62	3.30	10.10	6.01
53 . . . . .	28.2	26.5	29.9	23.0	27.7	5.13	6.01	3.57	10.76	6.39
54 . . . . .	27.3	25.7	29.1	22.3	26.9	5.46	6.37	3.84	11.29	6.76
55 . . . . .	26.5	24.9	28.2	21.6	26.1	5.79	6.73	4.13	11.80	7.14
56 . . . . .	25.6	24.1	27.3	20.9	25.3	6.14	7.11	4.44	12.34	7.54
57 . . . . .	24.8	23.2	26.4	20.2	24.5	6.52	7.54	4.78	12.88	7.96
58 . . . . .	24.0	22.4	25.6	19.5	23.8	6.98	8.05	5.20	13.48	8.43
59 . . . . .	23.2	21.6	24.7	18.8	23.0	7.52	8.67	5.69	14.16	8.96
60 . . . . .	22.4	20.9	23.8	18.2	22.2	8.17	9.40	6.29	14.97	9.58
61 . . . . .	21.6	20.9	23.0	17.5	21.5	8.90	10.22	6.96	15.88	10.30
62 . . . . .	20.8	20.1	22.2	16.9	20.7	9.65	11.07	7.64	16.79	11.06
63 . . . . .	20.0	19.3	21.4	16.3	20.0	10.35	11.86	8.25	17.55	11.78
64 . . . . .	19.2	18.6	20.6	15.7	19.3	10.99	12.59	8.80	18.12	12.41
65 . . . . .	18.5	17.1	19.8	15.1	18.6	11.65	13.36	9.40	18.57	13.01
70 . . . . .	14.9	13.6	15.9	12.3	15.1	16.01	18.25	13.65	22.05	16.72
75 . . . . .	11.6	10.5	12.3	9.8	12.0	23.15	25.77	21.02	25.72	22.66
80 . . . . .	8.7	7.8	9.3	7.7	9.3	30.69	32.57	30.17	26.22	28.04
85 . . . . .	6.4	5.7	6.7	5.9	7.1	34.73	34.06	37.36	22.77	30.41
90 . . . . .	4.6	4.0	4.7	4.5	5.3	30.44	26.27	36.07	15.76	26.97
95 . . . . .	3.2	2.8	3.3	3.5	3.9	17.84	12.62	23.12	7.97	17.71
100 . . . . .	2.3	2.0	2.2	2.6	2.8	17.37	8.04	23.73	9.12	28.48

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Based on the proportion of the cohort who are alive at the beginning of the indicated age who will die before reaching the age shown plus 1. For example, out of every 1,000 people alive and exactly 50 years old at the beginning of the period, between 4 and 5 (4.13) will die before reaching their 51st birthdays.

**Table 106. Deaths and Death Rates by Sex, Race, and Hispanic Origin: 1980 to 2006**

[1,990 represents 1,990,000. Rates are per 1,000 population for specified groups. Excludes deaths of nonresidents of the United States and fetal deaths. For explanation of age adjustment, see text, this section. The standard population for age adjustment is the projected year 2000 population of the United States. See Appendix III. Data for Hispanic origin and specified races other than White and Black should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on death certificates and censuses and surveys]

Sex, race, and Hispanic origin	1980	1990	1995	1999	2000	2001	2002	2003	2004	2005	2006
<b>Deaths<sup>1</sup> (1,000)</b> . . . . .	<b>1,990</b>	<b>2,148</b>	<b>2,312</b>	<b>2,391</b>	<b>2,403</b>	<b>2,416</b>	<b>2,443</b>	<b>2,448</b>	<b>2,398</b>	<b>2,448</b>	<b>2,426</b>
Male <sup>1</sup> (1,000) . . . . .	1,075	1,113	1,173	1,175	1,178	1,183	1,199	1,202	1,182	1,208	1,202
Female <sup>1</sup> (1,000) . . . . .	915	1,035	1,139	1,216	1,226	1,233	1,244	1,246	1,216	1,240	1,224
White (1,000) . . . . .	1,739	1,853	1,987	2,061	2,071	2,080	2,103	2,104	2,057	2,098	2,078
Male (1,000) . . . . .	934	951	997	1,005	1,007	1,011	1,025	1,026	1,007	1,028	1,022
Female (1,000) . . . . .	805	902	990	1,056	1,064	1,068	1,077	1,078	1,049	1,070	1,055
Black (1,000) . . . . .	233	265	286	285	286	288	290	291	287	293	290
Male (1,000) . . . . .	130	145	154	146	145	146	147	148	146	149	149
Female (1,000) . . . . .	103	120	132	139	141	142	143	143	141	144	141
Asian or Pacific Islander (1,000) . . . . .	11	21	28	34	35	37	38	40	41	43	45
Male (1,000) . . . . .	7	12	16	18	19	20	20	21	21	23	23
Female (1,000) . . . . .	4	9	12	15	16	17	18	19	19	20	21
American Indian, Eskimo, Aleut (1,000) . . . . .	7	8	10	11	11	12	12	13	13	14	14
Male (1,000) . . . . .	4	5	6	6	6	6	7	7	7	8	8
Female (1,000) . . . . .	3	3	4	5	5	6	6	6	6	6	6
Hispanic origin <sup>2</sup> (1,000) . . . . .	(NA)	(NA)	(NA)	104	107	113	117	122	122	131	133
Male (1,000) . . . . .	(NA)	(NA)	(NA)	58	60	63	66	68	69	74	74
Female (1,000) . . . . .	(NA)	(NA)	(NA)	46	47	50	51	54	54	57	59
Non-Hispanic, White (1,000) . . . . .	(NA)	(NA)	(NA)	1,953	1,960	1,963	1,982	1,979	1,933	1,967	1,945
Male (1,000) . . . . .	(NA)	(NA)	(NA)	945	945	946	958	956	938	954	948
Female (1,000) . . . . .	(NA)	(NA)	(NA)	1,008	1,015	1,017	1,024	1,023	995	1,013	997
<b>Death rates<sup>1</sup></b> . . . . .	<b>8.8</b>	<b>8.6</b>	<b>8.7</b>	<b>8.6</b>	<b>8.5</b>	<b>8.5</b>	<b>8.5</b>	<b>8.4</b>	<b>8.2</b>	<b>8.3</b>	<b>8.1</b>
Male <sup>1</sup> . . . . .	9.8	9.2	9.0	8.6	8.5	8.5	8.5	8.4	8.2	8.3	8.1
Female <sup>1</sup> . . . . .	7.9	8.1	8.4	8.5	8.6	8.5	8.5	8.4	8.2	8.2	8.1
White . . . . .	8.9	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.6	8.7	8.6
Male . . . . .	9.8	9.3	9.3	9.1	8.9	8.8	8.8	8.8	8.5	8.6	8.5
Female . . . . .	8.1	8.5	8.9	9.2	9.1	9.1	9.1	9.0	8.7	8.8	8.6
Black . . . . .	8.8	8.7	8.5	7.9	7.8	7.7	7.7	7.6	7.4	7.5	7.3
Male . . . . .	10.3	10.1	9.8	8.8	8.3	8.2	8.2	8.1	7.9	8.0	7.9
Female . . . . .	7.3	7.5	7.6	7.6	7.3	7.3	7.2	7.2	7.0	7.0	6.8
Asian or Pacific Islander . . . . .	3.0	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1
Male . . . . .	3.8	3.3	3.4	3.3	3.3	3.4	3.3	3.3	3.2	3.3	3.3
Female . . . . .	2.2	2.3	2.5	2.6	2.6	2.7	2.7	2.8	2.7	2.8	2.9
American Indian, Eskimo, Aleut . . . . .	4.9	4.0	4.1	4.0	3.8	3.9	4.0	4.2	4.2	4.4	4.4
Male . . . . .	6.0	4.8	4.6	4.3	4.2	4.2	4.4	4.6	4.5	4.8	4.8
Female . . . . .	3.8	3.3	3.6	3.7	3.5	3.6	3.7	3.9	3.8	4.0	4.0
Hispanic origin <sup>2</sup> . . . . .	(NA)	(NA)	(NA)	3.1	3.0	3.1	3.0	3.1	3.0	3.1	3.0
Male . . . . .	(NA)	4.1	(NA)	3.7	3.3	3.3	3.3	3.3	3.2	3.3	3.2
Female . . . . .	(NA)	2.9	(NA)	2.9	2.7	2.8	2.7	2.8	2.7	2.8	2.7
Non-Hispanic, White . . . . .	(NA)	(NA)	(NA)	9.9	9.9	9.9	10.0	9.9	9.7	9.8	9.7
Male . . . . .	(NA)	9.9	(NA)	9.8	9.8	9.8	9.8	9.8	9.6	9.7	9.6
Female . . . . .	(NA)	9.0	(NA)	10.0	10.1	10.1	10.1	10.1	9.8	9.9	9.7
<b>Age-adjusted death rates<sup>1</sup></b> . . . . .	<b>10.4</b>	<b>9.4</b>	<b>9.2</b>	<b>8.8</b>	<b>8.7</b>	<b>8.5</b>	<b>8.5</b>	<b>8.3</b>	<b>8.0</b>	<b>8.0</b>	<b>7.8</b>
Male <sup>1</sup> . . . . .	13.5	12.0	11.5	10.7	10.5	10.3	10.1	9.9	9.6	9.5	9.2
Female <sup>1</sup> . . . . .	8.2	7.5	7.5	7.3	7.3	7.2	7.2	7.1	6.8	6.8	6.6
White . . . . .	10.1	9.1	8.9	8.5	8.5	8.4	8.3	8.2	7.9	7.9	7.6
Male . . . . .	13.2	11.7	11.1	10.4	10.3	10.1	9.9	9.7	9.4	9.3	9.1
Female . . . . .	8.0	7.3	7.3	7.2	7.2	7.1	7.0	6.9	6.7	6.7	6.5
Black . . . . .	13.1	12.5	12.2	11.4	11.2	11.0	10.8	10.7	10.3	10.2	9.8
Male . . . . .	17.0	16.4	15.8	14.3	14.0	13.8	13.4	13.2	12.7	12.5	12.2
Female . . . . .	10.3	9.8	9.7	9.3	9.3	9.1	9.0	8.9	8.6	8.5	8.1
Asian or Pacific Islander . . . . .	5.9	5.8	6.2	5.2	5.1	4.9	4.7	4.7	4.4	4.4	4.3
Male . . . . .	7.9	7.2	7.9	6.4	6.2	6.0	5.8	5.6	5.3	5.3	5.2
Female . . . . .	4.3	4.7	4.9	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6
American Indian, Eskimo, Aleut . . . . .	8.7	7.2	7.2	7.8	7.1	6.9	6.8	6.9	6.5	6.6	6.4
Male . . . . .	11.1	9.2	8.6	9.3	8.4	8.0	7.9	8.0	7.6	7.8	7.4
Female . . . . .	6.6	5.6	5.9	6.7	6.0	5.9	5.8	5.9	5.6	5.7	5.6
Hispanic origin <sup>2</sup> . . . . .	(NA)	(NA)	(NA)	6.8	6.7	6.6	6.3	6.2	5.9	5.9	5.6
Male . . . . .	(NA)	8.9	(NA)	8.3	8.2	8.0	7.7	7.5	7.1	7.2	6.8
Female . . . . .	(NA)	5.4	(NA)	5.6	5.5	5.4	5.2	5.2	4.9	4.9	4.7
Non-Hispanic, White . . . . .	(NA)	(NA)	(NA)	8.6	8.6	8.4	8.4	8.3	8.0	8.0	7.8
Male . . . . .	(NA)	11.7	(NA)	10.5	10.4	10.1	10.0	9.8	9.5	9.5	9.2
Female . . . . .	(NA)	7.3	(NA)	7.2	7.2	7.1	7.1	7.0	6.8	6.8	6.6

NA Not available. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Persons of Hispanic origin may be any race.

**Table 107. Death Rates by Age, Sex, and Race: 1950 to 2006**

[Rates per 100,000 population]

Characteristic	All ages <sup>1</sup>											85 years and over
	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years		
<b>MALE</b>												
1950.....	1,106	3,728	152	71	168	217	429	1,067	2,395	4,931	10,426	21,636
1960.....	1,105	3,059	120	56	152	188	373	992	2,310	4,914	10,178	21,186
1970.....	1,090	2,410	93	51	189	215	403	959	2,283	4,874	10,010	17,822
1980.....	977	1,429	73	37	172	196	299	767	1,815	4,105	8,817	18,801
1990.....	918	1,083	52	29	147	204	310	610	1,553	3,492	7,889	18,057
2000.....	853	807	36	21	115	139	255	543	1,231	2,980	6,973	17,501
2003.....	840	777	35	20	117	141	255	552	1,166	2,772	6,642	15,794
2004.....	818	754	32	19	115	140	244	544	1,129	2,645	6,394	15,031
2005.....	827	762	33	19	118	143	243	548	1,131	2,612	6,350	14,889
2006.....	815	756	31	18	119	147	239	541	1,110	2,516	6,178	14,309
<b>White:</b>												
1990.....	931	896	46	26	131	176	268	549	1,467	3,398	7,845	18,268
2000.....	888	668	33	20	106	124	234	497	1,163	2,906	6,933	17,716
2005.....	865	640	31	17	110	131	229	509	1,068	2,553	6,343	15,157
2006.....	852	633	28	16	112	135	224	505	1,051	2,456	6,182	14,577
<b>Black:</b>												
1990.....	1,008	2,112	86	41	252	431	700	1,261	2,618	4,946	9,130	16,955
2000.....	834	1,568	55	28	181	261	453	1,018	2,080	4,254	8,486	16,791
2005.....	799	1,437	47	27	172	254	396	949	1,954	3,747	7,667	13,810
2006.....	787	1,407	47	25	171	254	392	922	1,892	3,669	7,393	13,206
<b>Asian or Pacific Islander<sup>2</sup>:</b>												
1990.....	334	605	45	21	76	80	131	287	789	2,041	5,009	12,446
2000.....	333	529	23	13	55	55	105	250	642	1,661	4,328	12,125
2005.....	334	465	21	14	57	56	94	242	545	1,404	3,759	9,839
2006.....	331	470	18	11	62	54	89	233	551	1,329	3,606	9,525
<b>American Indian, Eskimo, Aleut<sup>2</sup>:</b>												
1990.....	476	1,057	77	33	220	256	365	620	1,211	2,462	5,389	11,244
2000.....	416	700	45	20	136	179	295	520	1,090	2,478	5,351	10,726
2005.....	482	882	72	23	145	206	337	589	1,124	2,254	4,373	8,419
2006.....	477	1,058	58	17	156	194	339	592	1,030	2,147	4,198	7,540
<b>FEMALE</b>												
1950.....	824	2,855	127	49	89	143	290	642	1,405	3,333	8,400	19,195
1960.....	809	2,321	98	37	61	107	229	527	1,196	2,872	7,633	19,008
1970.....	808	1,864	75	32	68	102	231	517	1,099	2,580	6,678	15,518
1980.....	785	1,142	55	24	58	76	159	413	934	2,145	5,440	14,747
1990.....	812	856	41	19	49	74	138	343	879	1,991	4,883	14,274
2000.....	855	663	29	15	43	64	143	313	772	1,921	4,815	14,719
2003.....	843	619	28	14	44	65	149	318	733	1,823	4,676	14,063
2004.....	815	613	27	14	44	64	144	314	707	1,761	4,522	13,280
2005.....	825	619	25	14	43	64	144	320	699	1,736	4,520	13,298
2006.....	806	622	26	13	43	64	142	318	687	1,678	4,388	12,759
<b>White:</b>												
1990.....	847	690	36	18	46	62	117	309	823	1,924	4,839	14,401
2000.....	912	551	26	14	41	55	126	281	731	1,868	4,785	14,891
2005.....	883	515	23	13	42	58	130	291	664	1,700	4,519	13,498
2006.....	864	517	24	12	42	59	129	292	655	1,646	4,395	12,966
<b>Black:</b>												
1990.....	748	1,736	68	28	69	160	299	639	1,453	2,866	5,688	13,310
2000.....	733	1,280	45	20	58	122	272	588	1,227	2,690	5,697	13,941
2005.....	704	1,180	37	19	51	110	250	568	1,104	2,342	5,264	12,790
2006.....	684	1,195	39	17	51	107	245	548	1,076	2,240	5,029	12,197
<b>Asian or Pacific Islander<sup>2</sup>:</b>												
1990.....	234	518	32	13	29	38	70	183	483	1,089	3,128	10,254
2000.....	262	434	20	12	22	28	66	156	391	996	2,882	9,052
2005.....	283	395	18	12	26	29	58	143	353	906	2,530	7,793
2006.....	286	357	21	10	25	29	57	145	333	898	2,526	7,560
<b>American Indian, Eskimo, Aleut<sup>2</sup>:</b>												
1990.....	330	689	38	26	69	102	156	381	806	1,679	3,073	8,201
2000.....	346	492	40	18	59	85	172	285	772	1,900	3,850	9,118
2005.....	399	753	46	17	68	91	194	366	699	1,781	3,603	7,065
2006.....	400	690	51	17	64	92	205	342	687	1,657	3,746	6,634

<sup>1</sup> Figures for age not stated are included in "All ages" but not distributed among age groups. <sup>2</sup> The death rates for specified races other than White and Black should be interpreted with caution because of inconsistencies between reporting race on death certificates and censuses and surveys.



**Table 108. Age-Adjusted Death Rates by Sex, Race, and Hispanic Origin: 1960 to 2006**

[Age-adjusted rates per 100,000 population; see headline, Table 106. Populations enumerated as of April 1 for census years and estimated as of July 1 for all other years. Beginning 1970, excludes deaths of nonresidents of the United States. Data for Hispanic-origin and specified races other than White and Black should be interpreted with caution because of inconsistencies reporting race on death certificates and on censuses and surveys. See Appendix III]

Sex, race, and Hispanic origin	1960	1970	1980	1990	2000	2002	2003	2004	2005	2006
<b>ALL RACES <sup>1</sup></b>										
<b>Total</b> .....	<b>1,339</b>	<b>1,223</b>	<b>1,039</b>	<b>939</b>	<b>869</b>	<b>845</b>	<b>833</b>	<b>801</b>	<b>799</b>	<b>777</b>
Male .....	1,609	1,542	1,348	1,203	1,054	1,014	994	956	951	925
Female .....	1,105	971	818	751	731	715	706	679	678	658
<b>WHITE</b>										
<b>Total</b> .....	<b>1,311</b>	<b>1,193</b>	<b>1,013</b>	<b>910</b>	<b>850</b>	<b>829</b>	<b>817</b>	<b>786</b>	<b>785</b>	<b>764</b>
Male .....	1,586	1,514	1,318	1,166	1,029	993	974	937	933	908
Female .....	1,074	944	796	729	715	701	693	667	667	648
<b>BLACK</b>										
<b>Total</b> .....	<b>1,578</b>	<b>1,518</b>	<b>1,315</b>	<b>1,250</b>	<b>1,121</b>	<b>1,083</b>	<b>1,066</b>	<b>1,027</b>	<b>1,017</b>	<b>982</b>
Male .....	1,811	1,874	1,698	1,645	1,404	1,341	1,319	1,269	1,253	1,216
Female .....	1,370	1,229	1,033	975	928	902	886	855	846	813
<b>ASIAN OR PACIFIC ISLANDER</b>										
<b>Total</b> .....	<b>(NA)</b>	<b>(NA)</b>	<b>590</b>	<b>582</b>	<b>506</b>	<b>474</b>	<b>466</b>	<b>444</b>	<b>440</b>	<b>429</b>
Male .....	(NA)	(NA)	787	716	624	578	563	535	534	516
Female .....	(NA)	(NA)	426	469	417	396	393	376	369	363
<b>AMERICAN INDIAN, ESKIMO, ALEUT</b>										
<b>Total</b> .....	<b>(NA)</b>	<b>(NA)</b>	<b>867</b>	<b>716</b>	<b>709</b>	<b>677</b>	<b>685</b>	<b>650</b>	<b>663</b>	<b>642</b>
Male .....	(NA)	(NA)	1,112	916	842	794	797	758	775	740
Female .....	(NA)	(NA)	662	562	605	581	592	558	568	556
<b>HISPANIC ORIGIN <sup>2</sup></b>										
<b>Total</b> .....	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>666</b>	<b>629</b>	<b>621</b>	<b>587</b>	<b>591</b>	<b>564</b>
Male .....	(NA)	(NA)	(NA)	886	818	767	748	707	717	676
Female .....	(NA)	(NA)	(NA)	537	546	518	516	486	485	469
<b>NON-HISPANIC, WHITE</b>										
<b>Total</b> .....	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>856</b>	<b>838</b>	<b>826</b>	<b>797</b>	<b>797</b>	<b>777</b>
Male .....	(NA)	(NA)	(NA)	1,171	1,035	1,002	984	949	945	923
Female .....	(NA)	(NA)	(NA)	735	722	710	702	678	678	660

NA Not available. <sup>1</sup> For 1960 to 1990 includes deaths among races not shown separately. <sup>2</sup> Persons of Hispanic origin may be any race.

**Table 109. Death Rates by Hispanic-Origin Status, Sex, and Age: 2000 to 2006**

[Rates per 100,000 population. Rates are based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years. Excludes deaths of nonresidents of the United States. Data for Hispanic-origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on death certificates and censuses and surveys]

Age	Hispanic male			Hispanic female			Non-Hispanic White male			Non-Hispanic White female		
	2000	2005	2006	2000	2005	2006	2000	2005	2006	2000	2005	2006
Age-adjusted <sup>1</sup> . . . . .	818	717	676	546	485	469	1,035	945	923	722	678	660
Crude <sup>2</sup> . . . . .	331	334	324	275	278	275	979	971	962	1,007	993	975
Under 1 year . . . . .	637	670	641	554	555	538	659	626	622	531	497	504
1 to 4 years . . . . .	32	33	29	28	25	24	32	30	27	24	22	23
5 to 14 years . . . . .	18	15	16	13	12	12	20	17	16	14	13	12
15 to 24 years . . . . .	108	120	121	32	37	35	104	106	108	43	42	43
25 to 34 years . . . . .	120	116	113	43	41	43	123	134	141	57	62	63
35 to 44 years . . . . .	211	182	177	101	91	87	234	236	233	128	137	136
45 to 54 years . . . . .	439	417	404	224	216	215	498	517	515	285	299	300
55 to 64 years . . . . .	966	876	844	548	494	487	1,171	1,080	1,064	742	677	668
65 to 74 years . . . . .	2,288	2,029	1,911	1,423	1,292	1,223	2,931	2,585	2,490	1,891	1,730	1,677
75 to 84 years . . . . .	5,395	4,857	4,493	3,625	3,366	3,223	6,978	6,420	6,278	4,819	4,580	4,461
85 years and over . . .	13,086	10,141	9,436	11,203	9,068	8,804	17,853	15,401	14,841	14,972	13,683	13,151

<sup>1</sup> See headnote, Table 106. <sup>2</sup> The total number of deaths in a given time period divided by the total resident population as of July 1.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Deaths: Final Data for 2006*, Vol. 57, No. 14, April 17, 2009.

**Table 110. Deaths and Death Rates by State and Island Areas: 1990 to 2007**

[2,148 represents 2,148,000. By state of residence. Except as noted, excludes deaths of nonresidents of the United States. Caution should be used in comparing death rates by state; rates are affected by the population composition of the area. For explanation of age adjustment, see text, this section. See also Appendix III]

State and Island Area	Number of deaths (1,000)						Death rate per 1,000 population <sup>2</sup>						Age-adjusted death rate, 2007 <sup>1</sup>
	1990	1995	2000	2005	2006	2007 <sup>1</sup>	1990	1995	2000	2005	2006	2007 <sup>1</sup>	
<b>United States . . .</b>	<b>2,148</b>	<b>2,312</b>	<b>2,403</b>	<b>2,448</b>	<b>2,426</b>	<b>2,424</b>	<b>8.6</b>	<b>8.7</b>	<b>8.5</b>	<b>8.3</b>	<b>8.1</b>	<b>8.0</b>	<b>7.6</b>
Alabama . . . . .	39	42	45	47	47	47	9.7	10.0	10.1	10.3	10.2	10.1	9.3
Alaska . . . . .	2	3	3	3	3	3	4.0	4.2	4.6	4.8	5.0	5.1	7.6
Arizona . . . . .	29	35	41	46	46	46	7.9	8.4	7.9	7.7	7.5	7.2	6.8
Arkansas . . . . .	25	27	28	28	28	28	10.5	10.8	10.6	10.1	9.9	9.9	8.8
California . . . . .	214	224	230	237	237	234	7.2	7.1	6.8	6.6	6.5	6.4	6.7
Colorado . . . . .	22	25	27	30	30	30	6.6	6.7	6.3	6.4	6.2	6.2	7.0
Connecticut . . . . .	28	29	30	29	29	29	8.4	9.0	8.8	8.4	8.3	8.2	6.9
Delaware . . . . .	6	6	7	7	7	7	8.7	8.8	8.8	8.9	8.4	8.5	7.7
District of Columbia . . . . .	7	7	6	5	5	5	12.0	12.4	10.5	10.0	9.2	8.8	8.7
Florida . . . . .	134	153	164	171	170	168	10.4	10.8	10.3	9.6	9.4	9.2	6.9
Georgia . . . . .	52	58	64	67	68	68	8.0	8.1	7.8	7.4	7.2	7.2	8.4
Hawaii . . . . .	7	8	8	9	9	9	6.1	6.4	6.8	7.2	7.3	7.4	6.1
Idaho . . . . .	7	9	10	11	11	11	7.4	7.3	7.4	7.4	7.2	7.2	7.3
Illinois . . . . .	103	108	107	104	102	100	9.0	9.2	8.6	8.1	8.0	7.8	7.6
Indiana . . . . .	50	53	55	56	56	54	8.9	9.2	9.1	8.9	8.8	8.5	8.1
Iowa . . . . .	27	28	28	28	27	27	9.7	9.9	9.6	9.4	9.2	9.1	7.2
Kansas . . . . .	22	24	25	25	25	24	9.0	9.3	9.2	9.0	8.9	8.8	7.8
Kentucky . . . . .	35	37	40	40	40	40	9.5	9.6	9.8	9.6	9.5	9.5	9.0
Louisiana . . . . .	38	40	41	44	40	40	8.9	9.1	9.2	9.8	9.3	9.3	9.2
Maine . . . . .	11	12	12	13	12	12	9.0	9.5	9.7	9.7	9.3	9.5	7.7
Maryland . . . . .	38	42	44	44	44	44	8.0	8.3	8.3	7.8	7.8	7.8	7.8
Massachusetts . . . . .	53	55	57	54	53	53	8.8	9.1	8.9	8.4	8.3	8.2	7.1
Michigan . . . . .	79	84	87	87	86	87	8.5	8.8	8.7	8.6	8.5	8.6	8.1
Minnesota . . . . .	35	38	38	38	37	37	7.9	8.1	7.7	7.3	7.2	7.2	6.6
Mississippi . . . . .	25	27	29	29	29	28	9.8	10.0	10.1	10.0	9.8	9.7	9.4
Missouri . . . . .	50	54	55	55	55	54	9.8	10.2	9.8	9.4	9.4	9.2	8.3
Montana . . . . .	7	8	8	9	8	9	8.6	8.8	9.0	9.1	9.0	9.0	7.7
Nebraska . . . . .	15	15	15	15	15	15	9.4	9.3	8.8	8.5	8.4	8.6	7.4
Nevada . . . . .	9	13	15	19	19	19	7.8	8.2	7.6	7.9	7.6	7.3	8.0
New Hampshire . . . . .	8	9	10	10	10	10	7.7	8.0	7.8	7.8	7.7	7.8	7.3
New Jersey . . . . .	70	74	75	72	70	70	9.1	9.3	8.9	8.3	8.1	8.0	7.2
New Mexico . . . . .	11	13	13	15	15	15	7.0	7.4	7.4	7.8	7.8	7.8	7.5
New York . . . . .	169	168	158	152	149	148	9.4	9.3	8.3	7.9	7.7	7.7	6.9
North Carolina . . . . .	57	65	72	75	75	76	8.6	9.0	8.9	8.6	8.4	8.4	8.3
North Dakota . . . . .	6	6	6	6	6	6	8.9	9.3	9.1	9.0	9.2	8.7	6.8
Ohio . . . . .	99	106	108	109	107	107	9.1	9.5	9.5	9.5	9.3	9.3	8.3
Oklahoma . . . . .	30	33	35	36	35	36	9.7	10.0	10.2	10.2	9.9	10.0	9.2
Oregon . . . . .	25	28	30	31	31	31	8.8	9.0	8.6	8.5	8.5	8.4	7.5
Pennsylvania . . . . .	122	128	131	130	126	125	10.3	10.6	10.7	10.4	10.1	10.1	7.9
Rhode Island . . . . .	10	10	10	10	10	10	9.5	9.8	9.6	9.3	9.1	9.2	7.5
South Carolina . . . . .	30	34	37	39	39	39	8.5	9.1	9.2	9.1	9.0	9.0	8.5
South Dakota . . . . .	6	7	7	7	7	7	9.1	9.5	9.3	9.1	9.1	8.6	6.9
Tennessee . . . . .	46	51	55	57	57	57	9.5	9.8	9.7	9.6	9.4	9.3	8.9
Texas . . . . .	125	138	150	156	157	161	7.4	7.4	7.2	6.8	6.7	6.7	7.8
Utah . . . . .	9	11	12	13	14	14	5.3	5.6	5.5	5.4	5.4	5.3	6.9
Vermont . . . . .	5	5	5	5	5	5	8.2	8.5	8.4	8.1	8.1	8.3	7.3
Virginia . . . . .	48	53	56	58	58	58	7.8	8.0	8.0	7.6	7.5	7.5	7.7
Washington . . . . .	37	41	44	46	46	47	7.6	7.5	7.5	7.3	7.2	7.3	7.2
West Virginia . . . . .	19	20	21	21	21	21	10.8	11.1	11.7	11.4	11.4	11.6	9.5
Wisconsin . . . . .	43	45	46	47	46	46	8.7	8.8	8.7	8.4	8.3	8.3	7.3
Wyoming . . . . .	3	4	4	4	4	4	7.1	7.7	7.9	8.0	8.4	8.2	8.0
Puerto Rico . . . . .	26	30	28	30	28	29	7.3	8.1	7.2	7.5	7.2	7.4	7.2
Virgin Islands . . . . .	(Z)	1	1	1	1	1	4.6	5.8	5.3	6.1	5.7	6.4	6.5
Guam . . . . .	1	1	1	1	1	1	3.9	4.1	4.2	4.0	4.0	4.5	6.2
American Samoa . . . . .	(NA)	(NA)	(Z)	(Z)	(Z)	(Z)	(NA)	(NA)	3.3	4.4	4.6	3.9	13.1
Northern Marianas . . . . .	(NA)	(NA)	(Z)	(Z)	(Z)	(Z)	(NA)	(NA)	1.9	2.3	2.1	1.7	10.0

NA Not available. Z Less than 500. <sup>1</sup> Preliminary data. U.S. totals include only events occurring within the 50 states and the District of Columbia. <sup>2</sup> Rates based on enumerated resident population as of April 1 for 1990 and 2000; estimated resident population as of July 1 for all other years.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Deaths: Final Data for 2006*, Vol. 57, No. 14, April 17, 2009; *Deaths: Preliminary Data for 2007*, Vol. 58, No. 1, August 19, 2009; and earlier reports.

**Table 111. Fetal and Infant Deaths: 1990 to 2005**

[ See Appendix III]

Year	Fetal deaths			Infant deaths		Fetal mortality rate <sup>1</sup>			Perinatal mortality rate	
	Total <sup>2</sup>	20 to 27 weeks <sup>3</sup>	28 weeks or more <sup>3</sup>	Less than 7 days	Less than 28 days	Total <sup>1</sup>	20 to 27 weeks <sup>3</sup>	28 weeks or more <sup>3</sup>	Defin- ition I <sup>4</sup>	Defin- ition II <sup>5</sup>
1990 . . .	31,386	13,427	17,959	19,439	23,591	7.49	3.22	4.30	8.95	13.12
1995 . . .	27,294	13,043	14,251	15,483	19,186	6.95	3.33	3.64	7.60	11.84
1996 . . .	27,069	12,990	14,079	14,947	18,556	6.91	3.33	3.60	7.43	11.64
1997 . . .	26,486	12,800	13,686	14,827	18,507	6.78	3.29	3.51	7.32	11.51
1998 . . .	26,702	13,229	13,473	15,061	18,915	6.73	3.35	3.41	7.21	11.50
1999 . . .	26,884	13,457	13,427	14,874	18,700	6.74	3.39	3.38	7.12	11.44
2000 . . .	27,003	13,497	13,506	14,893	18,733	6.61	3.31	3.32	6.97	11.19
2001 . . .	26,373	13,122	13,251	14,622	18,275	6.51	3.25	3.28	6.90	11.02
2002 . . .	25,943	13,072	12,871	15,020	18,791	6.41	3.24	3.19	6.91	11.05
2003 . . .	25,653	13,168	12,485	15,152	18,935	6.23	3.21	3.04	6.74	10.83
2004 . . .	25,655	12,894	12,761	14,836	18,602	6.20	3.13	3.09	6.69	10.70
2005 . . .	25,894	13,327	12,567	15,013	18,782	6.22	3.21	3.03	6.64	10.73

<sup>1</sup> Fetal deaths with stated or presumed gestation of 20 weeks or more. <sup>2</sup> Not stated gestational age proportionally distributed. <sup>3</sup> Rate per 1,000 live births and fetal deaths in specified group. <sup>4</sup> Infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more, per 1,000 live births and fetal deaths. <sup>5</sup> Infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more per 1,000 live births and fetal deaths.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Fetal and Perinatal Mortality, U.S., 2005*, Vol. 57. No. 8, January 28, 2009.

**Table 112. Infant, Neonatal, and Maternal Mortality Rates by Race: 1980 to 2005**

[Deaths per 1,000 live births, except as noted. Data based on death certificates, fetal death records, and birth certificates. Excludes deaths of nonresidents of U.S. See also Appendix III]

Race and year	Infant mortality <sup>1</sup>	Neonatal mortality <sup>1</sup>		Post-neonatal mortality <sup>1</sup>	Fetal mortality rate <sup>2</sup>	Late fetal mortality rate <sup>3</sup>	Perinatal mortality rate <sup>4</sup>	Maternal mortality rate <sup>5</sup>
		Under 28 days	Under 7 days					
<b>ALL RACES</b>								
1980	12.6	8.5	7.1	4.1	9.1	6.2	13.2	9.2
1990	9.2	5.8	4.8	3.4	7.5	4.3	9.1	8.2
1995	7.6	4.9	4.0	2.7	7.0	3.6	7.6	7.1
2000	6.9	4.6	3.7	2.3	6.6	3.3	7.0	9.8
2001	6.8	4.5	3.6	2.3	6.5	3.3	6.9	9.9
2002	7.0	4.7	3.7	2.3	6.4	3.2	6.9	8.9
2003	6.9	4.6	3.7	2.2	6.2	3.0	6.7	<sup>6</sup> 12.1
2004	6.8	4.5	3.6	2.3	6.2	3.1	6.7	<sup>6</sup> 13.1
2005	6.9	4.5	3.6	2.3	6.2	3.0	6.6	<sup>6</sup> 15.1
<b>WHITE<sup>7</sup></b>								
1980	10.9	7.4	6.1	3.5	8.1	5.7	11.8	6.7
1990	7.6	4.8	3.9	2.8	6.4	3.8	7.7	5.4
1995	6.3	4.1	3.3	2.2	5.9	3.3	6.5	4.2
2000	5.7	3.8	3.0	1.9	5.6	2.9	5.9	7.5
2001	5.7	3.8	3.0	1.9	5.5	2.9	5.9	7.2
2002	5.8	3.9	3.1	1.9	5.5	2.8	5.9	6.0
2003	5.7	3.9	3.1	1.8	5.2	2.7	5.8	<sup>6</sup> 8.7
2004	5.7	3.8	3.0	1.9	5.3	(NA)	(NA)	<sup>6</sup> 9.3
2005	5.7	3.8	3.0	1.9	5.3	(NA)	(NA)	<sup>6</sup> 11.1
<b>BLACK<sup>7</sup></b>								
1980	22.2	14.6	12.3	7.6	14.7	9.1	21.3	21.5
1990	18.0	11.6	9.7	6.4	13.3	6.7	16.4	22.4
1995	15.1	9.8	8.2	5.3	12.7	5.7	13.8	22.1
2000	14.1	9.4	7.6	4.7	12.4	5.4	13.0	22.0
2001	14.0	9.2	7.6	4.8	12.1	5.3	12.8	24.7
2002	14.4	9.5	7.8	4.8	11.9	5.2	12.8	24.9
2003	14.0	9.4	7.5	4.6	12.0	5.1	12.4	<sup>6</sup> 30.5
2004	13.8	9.1	7.3	4.7	11.5	(NA)	(NA)	<sup>6</sup> 34.7
2005	13.7	9.1	7.3	4.7	11.4	(NA)	(NA)	<sup>6</sup> 36.5

NA Not available. <sup>1</sup> Infant (under 1 year of age), neonatal (under 28 days), early neonatal (under 7 days), and postneonatal (28 days–11 months). <sup>2</sup> Number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths. <sup>3</sup> Number of fetal deaths of 28 weeks or more gestation (late fetal deaths) per 1,000 live births plus late fetal deaths. <sup>4</sup> Number of late fetal deaths plus infant deaths within 7 days of birth per 1,000 live births plus late fetal deaths. <sup>5</sup> Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning 2000, deaths are classified according to the tenth revision of the *International Classification of Diseases*; earlier years classified according to the revision in use at the time; see text, this section. <sup>6</sup> Increase partially reflects the use of a separate item on the death certificate on pregnancy status by an increasing number of states. <sup>7</sup> Infant deaths are tabulated by race of decedent; fetal deaths and live births are tabulated by race of mother.

**Table 113. Infant Mortality Rates by Race—States: 1980 to 2006**

[Deaths per 1,000 live births, by place of residence. Represents deaths of infants under 1 year old, exclusive of fetal deaths. Excludes deaths of nonresidents of the United States. See headnote, Table 112, and Appendix III]

State	Total <sup>1</sup>				White				Black			
	1980	1990	2000	2006	1980	1990	2000	2006	1980	1990	2000	2006
<b>United States . . . . .</b>	<b>12.6</b>	<b>9.2</b>	<b>6.9</b>	<b>6.7</b>	<b>10.9</b>	<b>7.6</b>	<b>5.7</b>	<b>5.6</b>	<b>22.2</b>	<b>18.0</b>	<b>14.1</b>	<b>13.3</b>
Alabama . . . . .	15.1	10.8	9.4	9.0	11.6	8.1	6.6	6.7	21.6	16.0	15.4	14.2
Alaska . . . . .	12.3	10.5	6.8	6.9	9.4	7.6	5.8	4.5	19.5	(B)	(B)	(B)
Arizona . . . . .	12.4	8.8	6.7	6.4	11.8	7.8	6.2	6.0	18.4	20.6	17.6	16.9
Arkansas . . . . .	12.7	9.2	8.4	8.5	10.3	8.4	7.0	6.9	20.0	13.9	13.7	15.7
California . . . . .	11.1	7.9	5.4	5.0	10.6	7.0	5.1	4.8	18.0	16.8	12.9	12.1
Colorado . . . . .	10.1	8.8	6.2	5.7	9.8	7.8	5.6	5.5	19.1	19.4	19.5	12.4
Connecticut . . . . .	11.2	7.9	6.6	6.2	10.2	6.3	5.6	4.9	19.1	17.6	14.4	14.8
Delaware . . . . .	13.9	10.1	9.2	8.3	9.8	9.7	7.9	6.2	27.9	20.1	14.8	14.3
District of Columbia . . . . .	25.0	20.7	12.0	11.3	17.8	(B)	(B)	(B)	26.7	24.6	16.1	14.5
Florida . . . . .	14.6	9.6	7.0	7.3	11.8	6.7	5.4	5.9	22.8	16.8	12.6	11.9
Georgia . . . . .	14.5	12.4	8.5	8.1	10.8	7.4	5.9	5.8	21.0	18.3	13.9	12.9
Hawaii . . . . .	10.3	6.7	8.1	5.6	11.6	6.1	6.5	(B)	(B)	(B)	(B)	(B)
Idaho . . . . .	10.7	8.7	7.5	6.8	10.7	8.6	7.5	6.7	(NA)	(B)	(B)	(B)
Illinois . . . . .	14.8	10.7	8.5	7.3	11.7	7.9	6.6	6.0	26.3	22.4	17.1	13.7
Indiana . . . . .	11.9	9.6	7.8	8.0	10.5	7.9	6.9	6.7	23.4	17.4	15.8	18.7
Iowa . . . . .	11.8	8.1	6.5	5.1	11.5	7.9	6.0	4.9	27.2	21.9	21.1	(B)
Kansas . . . . .	10.4	8.4	6.8	7.1	9.5	8.0	6.4	6.1	20.6	17.7	12.2	19.3
Kentucky . . . . .	12.9	8.5	7.2	7.5	12.0	8.2	6.7	6.8	22.0	14.3	12.7	15.0
Louisiana . . . . .	14.3	11.1	9.0	9.9	10.5	8.1	5.9	6.2	20.6	16.7	13.3	15.8
Maine . . . . .	9.2	6.2	4.9	6.3	9.4	6.7	4.8	6.2	(B)	(B)	(B)	(B)
Maryland . . . . .	14.0	9.5	7.6	8.0	11.6	6.8	4.8	6.0	20.4	17.1	13.2	11.8
Massachusetts . . . . .	10.5	7.0	4.6	4.8	10.1	6.1	4.0	4.6	16.8	11.9	9.9	8.0
Michigan . . . . .	12.8	10.7	8.2	7.4	10.6	7.4	6.0	5.8	24.2	21.6	18.2	14.9
Minnesota . . . . .	10.0	7.3	5.6	5.2	9.6	6.7	4.8	4.7	20.0	23.7	14.6	8.3
Mississippi . . . . .	17.0	12.1	10.7	10.6	11.1	7.4	6.8	7.1	23.7	16.2	15.3	14.6
Missouri . . . . .	12.4	9.4	7.2	7.4	11.1	7.9	5.9	6.1	20.7	18.2	14.7	14.9
Montana . . . . .	12.4	9.0	6.1	5.8	11.8	6.0	5.5	5.0	(NA)	(B)	(B)	(B)
Nebraska . . . . .	11.5	8.3	7.3	5.6	10.7	6.9	6.4	5.2	25.2	18.9	20.3	10.6
Nevada . . . . .	10.7	8.4	6.5	6.4	10.0	8.2	6.0	5.8	20.6	14.2	12.7	15.7
New Hampshire . . . . .	9.9	7.1	5.7	6.1	9.9	6.0	5.5	5.7	22.5	(B)	(B)	(B)
New Jersey . . . . .	12.5	9.0	6.3	5.5	10.3	6.4	5.0	4.4	21.9	18.4	13.6	11.5
New Mexico . . . . .	11.5	9.0	6.6	5.8	11.3	7.6	6.3	5.7	23.1	(B)	(B)	(B)
New York . . . . .	12.5	9.6	6.4	5.6	10.8	7.4	5.4	4.9	20.0	18.1	10.9	9.2
North Carolina . . . . .	14.5	10.6	8.6	8.1	12.1	8.0	6.3	6.0	20.0	16.5	15.7	15.1
North Dakota . . . . .	12.1	8.0	8.1	5.8	11.7	7.2	7.5	4.9	27.5	(B)	(B)	(B)
Ohio . . . . .	12.8	9.8	7.6	7.8	11.2	7.8	6.3	6.1	23.0	19.5	15.4	16.9
Oklahoma . . . . .	12.7	9.2	8.5	8.0	12.1	9.1	7.9	6.8	21.8	14.3	16.9	15.4
Oregon . . . . .	12.2	8.3	5.6	5.5	12.2	7.0	5.5	5.3	15.9	(B)	(B)	(B)
Pennsylvania . . . . .	13.2	9.6	7.1	7.6	11.9	7.4	5.8	6.2	23.1	20.5	15.7	15.2
Rhode Island . . . . .	11.0	8.1	6.3	6.1	10.9	7.0	5.9	5.7	(B)	(B)	(B)	(B)
South Carolina . . . . .	15.6	11.7	8.7	8.4	10.8	8.1	5.4	5.7	22.9	17.3	14.8	13.8
South Dakota . . . . .	10.9	10.1	5.5	6.9	9.0	8.0	4.3	5.3	(NA)	(B)	(B)	(B)
Tennessee . . . . .	13.5	10.3	9.1	8.7	11.9	7.3	6.8	6.8	19.3	17.9	18.0	16.0
Texas . . . . .	12.2	8.1	5.7	6.2	11.2	6.7	5.1	5.5	18.8	14.7	11.4	12.0
Utah . . . . .	10.4	7.5	5.2	5.1	10.5	6.0	5.1	5.1	27.3	(B)	(B)	(B)
Vermont . . . . .	10.7	6.4	6.0	5.5	10.7	5.9	6.1	5.6	(B)	(B)	(B)	(B)
Virginia . . . . .	13.6	10.2	6.9	7.1	11.9	7.4	5.4	5.4	19.8	19.5	12.4	13.3
Washington . . . . .	11.8	7.8	5.2	4.7	11.5	7.3	4.9	4.4	16.4	20.6	9.4	7.4
West Virginia . . . . .	11.8	9.9	7.6	7.4	11.4	8.1	7.4	6.7	21.5	(B)	(B)	28.6
Wisconsin . . . . .	10.3	8.2	6.6	6.4	9.7	7.7	5.5	5.0	18.5	19.0	17.2	18.3
Wyoming . . . . .	9.8	8.6	6.7	7.0	9.3	7.5	6.5	6.6	25.9	(B)	(B)	(B)
Puerto Rico . . . . .	(NA)	(NA)	9.7	8.8	(NA)	(NA)	10.2	9.5	(NA)	(NA)	(B)	(B)
Virgin Islands . . . . .	(NA)	(NA)	13.4	(B)	(NA)	(NA)	(B)	(B)	(B)	(B)	(B)	(B)
Guam . . . . .	(NA)	(NA)	5.8	13.3	(NA)	(NA)	(B)	(B)	(B)	(B)	(B)	(B)
American Samoa . . . . .	(NA)	(NA)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Northern Marianas . . . . .	(NA)	(NA)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)

<sup>1</sup> B Base figure too small to meet statistical standards for reliability. NA Not available. <sup>1</sup> Includes other races, not shown separately.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Deaths: Final Data for 2006*, Vol. 57, No. 14, April 17, 2009 and earlier reports.

**Table 114. Age-Adjusted Death Rates by Major Causes: 1960 to 2006**

[Rates per 100,000 population; see headnote, Table 106. Beginning 1999, deaths classified according to tenth revision of International Classification of Diseases; for earlier years, causes of death were classified according to the revisions then in use. Changes in classification of causes of death due to these revisions may result in discontinuities in cause-of-death trends. See Appendix III]

Year	Diseases of heart	Malignant neoplasms (cancer)	Cerebrovascular diseases	Chronic lower respiratory diseases	Accidents <sup>1</sup>	Diabetes mellitus	Influenza and pneumonia	Nephritis, nephrotic syndrome, and nephrosis	Septicemia	Intentional self-harm (suicide)
1960	559.0	193.9	177.9	12.5	63.1	22.5	53.7	10.6	1.2	12.5
1961	545.3	193.4	173.1	12.6	60.6	22.1	43.4	10.0	1.2	12.2
1962	556.9	193.3	174.0	14.2	62.9	22.6	47.1	9.6	1.3	12.8
1963	563.4	194.7	173.9	16.5	64.0	23.1	55.6	9.2	1.5	13.0
1964	543.3	193.6	167.0	16.3	64.1	22.5	45.4	8.9	1.5	12.7
1965	542.5	195.6	166.4	18.3	65.8	22.9	46.8	8.3	1.5	13.0
1966	541.2	196.5	165.8	19.2	67.6	23.6	47.9	7.9	1.6	12.7
1967	524.7	197.3	159.3	19.2	66.2	23.4	42.2	7.3	1.6	12.5
1968	531.0	198.8	162.5	20.7	65.5	25.3	52.8	6.1	1.7	12.4
1969	516.8	198.5	155.4	20.9	64.9	25.1	47.9	6.0	1.7	12.7
1970	492.7	198.6	147.7	21.3	62.2	24.3	41.7	5.5	2.0	13.1
1971	492.9	199.3	147.6	21.8	60.3	23.9	38.4	5.2	2.2	13.1
1972	490.2	200.3	147.3	22.8	60.2	23.7	41.3	5.2	2.4	13.3
1973	482.0	200.0	145.2	23.6	59.3	23.0	41.2	5.0	2.6	13.1
1974	458.8	201.5	136.8	23.2	52.7	22.1	35.5	4.7	3.0	13.2
1975	431.2	200.1	123.5	23.7	50.8	20.3	34.9	4.7	3.1	13.6
1976	426.9	202.5	117.4	24.9	48.7	19.5	38.8	4.9	3.5	13.2
1977	413.7	203.5	110.4	24.7	48.8	18.2	31.0	4.8	3.8	13.7
1978	409.9	204.9	103.7	26.3	48.9	18.3	34.5	4.8	4.2	12.9
1979	401.6	204.0	97.1	25.5	46.5	17.5	26.1	8.6	4.3	12.6
1980	412.1	207.9	96.4	28.3	46.4	18.1	31.4	9.1	5.0	12.2
1981	397.0	206.4	89.5	29.0	43.4	17.6	30.0	9.1	5.4	12.3
1982	389.0	208.3	84.2	29.1	40.1	17.2	26.5	9.4	5.9	12.5
1983	388.9	209.1	81.2	31.6	39.1	17.6	29.8	9.6	6.7	12.4
1984	378.8	210.8	78.7	32.4	38.8	17.2	30.6	10.0	7.4	12.6
1985	375.0	211.3	76.6	34.5	38.5	17.4	34.5	10.4	8.3	12.5
1986	365.1	211.5	73.1	34.8	38.6	17.2	34.8	10.4	9.0	13.0
1987	355.9	211.7	71.6	35.0	38.2	17.4	33.8	10.4	9.3	12.8
1988	352.5	212.5	70.6	36.5	38.9	18.0	37.3	10.4	9.7	12.5
1989	332.0	214.2	66.9	36.6	37.7	20.5	35.9	9.6	8.8	12.3
1990	321.8	216.0	65.3	37.2	36.3	20.7	36.8	9.3	8.6	12.5
1991	312.5	215.2	62.9	37.9	34.7	20.7	34.7	9.3	8.6	12.3
1992	304.0	213.5	61.5	37.7	33.2	20.7	32.8	9.4	8.4	12.0
1993	308.1	213.5	62.7	40.7	34.2	21.9	35.0	9.7	8.6	12.1
1994	297.5	211.7	62.6	40.3	34.2	22.6	33.6	9.4	8.3	11.9
1995	293.4	209.9	63.1	40.1	34.4	23.2	33.4	9.5	8.4	11.8
1996	285.7	206.7	62.5	40.6	34.5	23.8	32.9	9.6	8.4	11.5
1997	277.7	203.4	61.1	41.1	34.2	23.7	33.3	9.8	8.6	11.2
1998	267.4	202.1	62.8	43.8	35.6	24.2	24.2	9.8	8.9	11.1
1999	266.5	200.8	61.6	45.4	35.3	25.0	23.5	13.0	11.3	10.5
2000	257.6	199.6	60.9	44.2	34.9	25.0	23.7	13.5	11.3	10.4
2001	247.8	196.0	57.9	43.7	35.7	25.3	22.0	14.0	11.4	10.7
2002	240.8	193.5	56.2	43.5	36.9	25.4	22.6	14.2	11.7	10.9
2003	232.3	190.1	53.5	43.3	37.3	25.3	22.0	14.4	11.6	10.8
2004	217.0	185.8	50.0	41.1	37.7	24.5	19.8	14.2	11.2	10.9
2005	211.1	183.8	46.6	43.2	39.1	24.6	20.3	14.3	11.2	10.9
2006	200.2	180.7	43.6	40.5	39.8	23.3	17.8	14.5	11.0	10.9

<sup>1</sup> Unintentional injuries.

Source: U.S. National Center for Health Statistics, *Health, United States, 2008*. See also <<http://www.cdc.gov/nchs/hus.htm>>; National Vital Statistics Reports (NVSR), *Deaths: Final Data for 2006*, Vol. 57, No. 14, April 17, 2009; and unpublished data.

**Table 115. Deaths and Death Rates by Selected Causes: 2005 and 2006**

[Rates per 100,000 population. Figures are weighted data rounded to the nearest individual, so categories may not add to total or subtotal. Excludes deaths of nonresidents of the United States. Deaths classified according to tenth revision of International Classification of Diseases. See also Appendix III]

Cause of death	2005			2006		
	Number	Rate	Age-adjusted rate <sup>1</sup>	Number	Rate	Age-adjusted rate <sup>1</sup>
<b>All causes</b> <sup>2</sup>	<b>2,448,017</b>	<b>825.9</b>	<b>798.8</b>	<b>2,426,264</b>	<b>810.4</b>	<b>776.5</b>
Major cardiovascular diseases <sup>2</sup>	856,030	288.8	277.3	823,746	275.1	261.2
Diseases of heart	652,091	220.0	211.1	631,636	211.0	200.2
Acute rheumatic fever and chronic rheumatic heart disease	3,365	1.1	1.1	3,257	1.1	1.1
Hypertensive heart disease	29,282	9.9	9.4	29,788	9.9	9.4
Hypertensive heart and renal disease	3,172	1.1	1.0	2,918	1.0	0.9
Ischemic heart disease	445,687	150.4	144.4	425,425	142.1	134.9
Acute myocardial infarction	151,004	50.9	49.1	141,462	47.2	45.0
Other heart diseases	170,585	57.6	55.2	170,248	56.9	53.9
Heart failure	58,933	19.9	18.9	60,337	20.2	18.9
Essential (primary) hypertension and hypertensive renal disease	24,902	8.4	8.0	23,855	8.0	7.5
Cerebrovascular diseases	143,579	48.4	46.6	137,119	45.8	43.6
Atherosclerosis	11,841	4.0	3.8	8,652	2.9	2.7
Malignant neoplasms <sup>2</sup>	559,312	188.7	183.8	559,888	187.0	180.7
Malignant neoplasms of lip, oral cavity, and pharynx	7,773	2.6	2.5	7,720	2.6	2.5
Malignant neoplasms of esophagus	13,499	4.6	4.4	13,686	4.6	4.4
Malignant neoplasms of stomach	11,514	3.9	3.8	11,345	3.8	3.7
Malignant neoplasms of colon, rectum, and anus	53,252	18.0	17.5	53,549	17.9	17.2
Malignant neoplasms of liver and intrahepatic bile ducts	16,076	5.4	5.2	16,525	5.5	5.3
Malignant neoplasms of pancreas	32,760	11.1	10.8	33,454	11.2	10.8
Malignant neoplasms of trachea, bronchus, and lung	159,292	53.7	52.6	158,664	53.0	51.5
Malignant melanoma of skin	8,345	2.8	2.7	8,441	2.8	2.7
Malignant neoplasm of breast	41,491	14.0	13.5	41,210	13.8	13.2
Malignant neoplasm of ovary	14,787	5.0	4.8	14,857	5.0	4.8
Malignant neoplasm of prostate	28,905	9.8	9.5	28,372	9.5	9.2
Malignant neoplasms of kidney and renal pelvis	12,517	4.2	4.1	12,379	4.1	4.0
Malignant neoplasms of bladder	13,253	4.5	4.3	13,474	4.5	4.3
Malignant neoplasms of meninges, brain, and other parts of central nervous system	13,152	4.4	4.3	12,886	4.3	4.2
Malignant neoplasms of lymphoid, hematopoietic, and related tissue <sup>2</sup>	55,028	18.6	18.2	55,045	18.4	17.9
Non-Hodgkins' lymphoma	20,873	7.0	6.9	20,594	6.9	6.7
Leukemia	21,623	7.3	7.1	21,944	7.3	7.1
Accidents (unintentional injuries)	117,809	39.7	39.1	121,599	40.6	39.8
Transport accidents <sup>2</sup>	48,441	16.3	16.2	48,412	16.2	16.0
Motor vehicle accidents	45,343	15.3	15.2	45,166	15.1	15.0
Nontransport accidents <sup>2</sup>	69,368	23.4	22.9	73,187	24.4	23.8
Falls	19,656	6.6	6.4	20,823	7.0	6.6
Accidental drowning and submersion	3,582	1.2	1.2	3,579	1.2	1.2
Accidental exposure to smoke, fire, and flames	3,197	1.1	1.1	3,109	1.0	1.0
Accidental poisoning and exposure to noxious substances	23,618	8.0	7.9	27,531	9.2	9.1
Chronic lower respiratory diseases <sup>2</sup>	130,933	44.2	43.2	124,583	41.6	40.5
Emphysema	14,002	4.7	4.6	12,551	4.2	4.1
Asthma	3,884	1.3	1.3	3,613	1.2	1.2
Other chronic lower respiratory diseases	112,181	37.8	37.0	107,679	36.0	34.9
Influenza and pneumonia <sup>2</sup>	63,001	21.3	20.3	56,326	18.8	17.8
Pneumonia	61,189	20.6	19.7	55,477	18.5	17.5
Septicemia	34,136	11.5	11.2	34,234	11.4	11.0
Human immunodeficiency virus (HIV) disease	12,543	4.2	4.2	12,113	4.0	4.0
Anemias	4,624	1.6	1.5	3,996	1.3	1.3
Diabetes mellitus	75,119	25.3	24.6	72,449	24.2	23.3
Parkinson's disease	19,544	6.6	6.4	19,566	6.5	6.3
Alzheimer's disease	71,599	24.2	22.9	72,432	24.2	22.6
Chronic liver disease and cirrhosis	27,530	9.3	9.0	27,555	9.2	8.8
Alcoholic liver disease	12,928	4.4	4.2	13,050	4.4	4.1
Cholelithiasis and other disorders of gallbladder	3,072	1.0	1.0	3,114	1.0	1.0
Nephritis, nephrotic syndrome, and nephrosis	43,901	14.8	14.3	45,344	15.1	14.5
Renal failure	42,868	14.5	14.0	43,344	14.5	13.9
Intentional self-harm (suicide)	32,637	11.0	10.9	33,300	11.1	10.9
Intentional self-harm (suicide) by discharge of firearms	17,002	5.7	5.7	16,883	5.6	5.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae	15,635	5.3	5.2	16,417	5.5	5.4
Assault (homicide)	18,124	6.1	6.1	18,573	6.2	6.2
Events of undetermined intent	4,742	1.6	1.6	5,131	1.7	1.7
Injury by firearms <sup>3</sup>	30,694	10.4	10.2	30,896	10.3	10.2
Drug-induced deaths <sup>3</sup>	33,541	11.3	11.3	38,396	12.8	12.7
Alcohol-induced deaths <sup>3</sup>	21,634	7.3	7.0	22,073	7.4	7.0
Injury at work <sup>4</sup>	5,113	2.2	2.1	5,298	2.2	2.2
Enterocolitis due to Clostridium difficile	(NA)	(NA)	(NA)	6,225	2.1	2.0

<sup>1</sup> See headnote, Table 108. <sup>2</sup> Includes other causes not shown separately. <sup>3</sup> Included in selected categories. <sup>4</sup> Injury at work described in "Technical Notes" in source.



**Table 116. Deaths by Age and Selected Causes: 2006**

[Deaths are classified according to the Tenth Revision of the International Classification of Diseases. See Appendix III]

Cause of death	All ages <sup>1</sup>	Under 1 year	1 to 4 years	5 to 14 years	15 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 to 74 years	75 to 84 years	85 years and over
<b>All causes <sup>2</sup></b> . . . . .	<b>2,426,264</b>	<b>28,527</b>	<b>4,631</b>	<b>6,149</b>	<b>34,887</b>	<b>42,952</b>	<b>83,403</b>	<b>185,031</b>	<b>281,401</b>	<b>390,093</b>	<b>667,338</b>	<b>701,992</b>
Septicemia . . . . .	34,234	269	88	84	139	291	870	2,260	4,032	6,064	10,745	9,392
Human immunodeficiency virus (HIV) disease . . . . .	12,113	7	—	15	206	1,182	4,010	4,377	1,722	475	107	11
Malignant neoplasms <sup>2</sup> . . . . .	559,888	76	377	907	1,644	3,656	13,917	50,334	101,454	137,554	164,889	85,072
Malignant neoplasm of esophagus . . . . .	13,686	—	—	—	3	29	279	1,524	3,289	3,691	3,515	1,355
Malignant neoplasms of colon, rectum, and anus . . . . .	53,549	—	—	1	42	323	1,330	4,499	8,626	11,709	16,024	10,992
Malignant neoplasms of liver and intrahepatic bile ducts . . . . .	16,525	2	15	16	31	87	361	2,406	3,842	3,830	4,161	1,774
Malignant neoplasm of pancreas . . . . .	33,454	—	2	1	5	49	506	2,730	6,298	8,473	10,260	5,130
Malignant neoplasms of trachea, bronchus, and lung . . . . .	158,664	1	1	2	27	155	2,023	12,608	31,317	47,882	48,732	15,915
Malignant neoplasm of breast . . . . .	41,210	—	1	—	13	368	2,352	6,115	8,871	7,961	9,346	6,182
Malignant neoplasm of ovary . . . . .	14,857	1	1	3	23	79	401	1,666	3,048	3,573	4,061	2,001
Malignant neoplasm of prostate . . . . .	28,372	—	—	1	1	5	40	405	2,273	5,603	11,157	8,887
Malignant neoplasm of bladder . . . . .	13,474	—	—	—	1	18	104	528	1,568	2,810	4,874	3,571
Malignant neoplasms of lymphoid, hematopoietic and related tissue <sup>2</sup> . . . . .	55,045	32	132	298	662	828	1,536	3,696	7,695	12,335	17,974	9,856
Non-Hodgkins lymphoma . . . . .	20,594	1	7	36	131	219	515	1,417	2,886	4,543	7,007	3,831
Leukemia . . . . .	21,944	31	124	256	465	460	715	1,398	2,823	4,735	6,863	4,074
In situ neoplasms, benign neoplasms, and neoplasms of uncertain or unknown behavior . . . . .	14,122	65	60	76	100	143	316	794	1,315	2,369	4,750	4,134
Diabetes mellitus . . . . .	72,449	6	7	28	165	673	2,094	5,692	11,432	15,483	21,763	15,105
Parkinson's disease . . . . .	19,566	1	1	—	2	4	15	66	397	2,310	9,101	7,669
Alzheimer's disease . . . . .	72,432	—	—	—	—	12	104	655	3,812	22,915	44,933	—
Major cardiovascular diseases <sup>2</sup> . . . . .	823,746	508	218	363	1,376	4,099	15,420	47,037	80,714	119,102	240,862	314,006
Diseases of heart <sup>2</sup> . . . . .	631,636	346	161	253	1,076	3,307	12,339	38,095	65,477	92,752	180,451	237,339
Hypertensive heart disease . . . . .	29,788	1	—	2	52	288	1,358	3,586	4,130	3,860	6,232	10,277
Ischemic heart diseases . . . . .	425,425	22	7	13	138	1,054	6,699	24,990	46,706	66,685	125,225	153,855
Acute myocardial infarction . . . . .	141,462	11	5	6	60	422	2,676	9,746	18,373	24,795	41,624	43,739
Other heart diseases . . . . .	170,248	320	154	231	873	1,903	4,135	9,164	14,030	21,240	47,065	71,126
Heart failure . . . . .	60,337	19	9	12	37	86	332	1,225	2,801	5,960	17,309	32,544
Cerebrovascular diseases . . . . .	137,119	142	54	95	210	527	2,221	6,341	10,518	18,223	43,719	55,068
Influenza and pneumonia . . . . .	56,326	263	125	68	184	335	841	2,007	3,154	6,061	16,668	26,617
Chronic lower respiratory diseases <sup>2</sup> . . . . .	124,583	30	43	115	151	255	841	3,924	12,375	28,236	47,406	31,203
Pneumonitis due to solids and liquids . . . . .	16,887	11	9	13	30	78	166	437	855	1,750	5,284	8,254
Chronic liver disease and cirrhosis . . . . .	27,555	5	3	—	26	316	2,551	7,712	7,217	4,917	3,778	1,026
Nephritis, nephrotic syndrome, and nephrosis <sup>2</sup> . . . . .	45,344	162	14	18	99	276	785	2,245	4,368	7,453	14,536	15,388
Renal failure . . . . .	43,344	154	10	12	89	250	745	2,151	4,207	7,171	13,915	14,640
Certain conditions originating in the perinatal period . . . . .	14,442	14,321	65	24	14	4	4	4	1	—	2	—
Accidents (unintentional injuries) <sup>2</sup> . . . . .	121,599	1,147	1,610	2,258	16,229	14,954	17,534	19,675	11,446	8,420	13,708	14,561
Motor vehicle accidents . . . . .	45,316	140	588	1,339	11,015	7,348	6,677	6,615	4,518	2,916	2,906	1,240
Falls . . . . .	20,823	23	38	38	242	318	628	1,290	1,592	2,392	6,227	8,031
Accidental poisoning and exposure to noxious substances . . . . .	27,531	16	27	58	2,936	5,267	7,542	8,234	2,415	483	340	202
Intentional self-harm (suicide) . . . . .	33,300	(X)	(X)	219	4,189	4,985	6,591	7,426	4,583	2,384	2,075	840
By discharge of firearms . . . . .	16,883	(X)	(X)	62	1,978	2,150	2,821	3,481	2,562	1,689	1,562	577
By other and unspecified means and their sequelae . . . . .	16,417	(X)	(X)	157	2,211	2,835	3,770	3,945	2,021	695	513	263
Assault (homicide) . . . . .	18,573	336	366	390	5,717	4,725	3,020	2,209	1,012	398	279	102

 — Represents zero. X Not applicable. <sup>1</sup> Includes persons with age not stated, not shown separately. <sup>2</sup> Includes other causes, not shown separately.

 Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Deaths: Final Data for 2006*, Vol. 57, No. 14, April 17, 2009.

**Table 117. Deaths and Death Rates by Leading Causes of Death and Age: 2006**

[Rates per 100,000 population in specified group. Data are based on the tenth revision of the International Classification of Diseases (ICD). See Appendix III]

Age and cause of death	Number	Rate	Age and cause of death	Number	Rate			
<b>ALL AGES<sup>1</sup></b>								
<b>All causes<sup>2</sup></b>	<b>2,426,264</b>	<b>810.4</b>	Accidents (unintentional injuries)	17,534	40.2			
Diseases of heart	631,636	211.0	Malignant neoplasms	13,917	31.9			
Malignant neoplasms	559,888	187.0	Diseases of heart	12,339	28.3			
Cerebrovascular diseases	137,119	45.8	Intentional self-harm (suicide)	6,591	15.1			
Chronic lower respiratory diseases	124,583	41.6	Human immunodeficiency virus (HIV) disease	4,010	9.2			
Accidents (unintentional injuries)	121,599	40.6	Assault (homicide)	3,020	6.9			
Diabetes mellitus	72,449	24.2	Chronic liver disease and cirrhosis	2,551	5.8			
Alzheimer's disease	72,432	24.2	Cerebrovascular diseases	2,221	5.1			
Influenza and pneumonia	56,326	18.8	Diabetes mellitus	2,094	4.8			
Nephritis, nephrotic syndrome, and nephrosis	45,344	15.1	Septicemia	870	2.0			
Septicemia	34,234	11.4	<b>45 TO 54 YEARS</b>					
<b>1 TO 4 YEARS</b>								
<b>All causes<sup>2</sup></b>	<b>4,631</b>	<b>28.4</b>	<b>All causes<sup>2</sup></b>	<b>185,031</b>	<b>427.5</b>			
Accidents (unintentional injuries)	1,610	9.9	Malignant neoplasms	50,334	116.3			
Congenital malformations, deformations, and chromosomal abnormalities	515	3.2	Diseases of heart	38,095	88.0			
Malignant neoplasms	377	2.3	Accidents (unintentional injuries)	19,675	45.5			
Assault (homicide)	366	2.2	Chronic liver disease and cirrhosis	7,712	17.8			
Diseases of heart	161	1.0	Intentional self-harm (suicide)	7,426	17.2			
Influenza and pneumonia	125	0.8	Cerebrovascular diseases	6,341	14.7			
Septicemia	88	0.5	Diabetes mellitus	5,692	13.2			
Certain conditions originating in the perinatal period	65	0.4	Human immunodeficiency virus (HIV) disease	4,377	10.1			
In situ neoplasms <sup>3</sup>	60	0.4	Chronic lower respiratory diseases	3,924	9.1			
Cerebrovascular diseases	54	0.3	Viral hepatitis	2,911	6.7			
<b>5 TO 14 YEARS</b>								
<b>All causes<sup>2</sup></b>	<b>6,149</b>	<b>15.2</b>	<b>55 TO 64 YEARS</b>					
Accidents (unintentional injuries)	2,258	5.6	<b>All causes<sup>2</sup></b>	<b>281,401</b>	<b>890.9</b>			
Malignant neoplasms	907	2.2	Malignant neoplasms	101,454	321.2			
Assault (homicide)	390	1.0	Diseases of heart	65,477	207.3			
Congenital malformations, deformations, and chromosomal abnormalities	344	0.9	Chronic lower respiratory diseases	12,375	39.2			
Diseases of heart	253	0.6	Accidents (unintentional injuries)	11,446	36.2			
Intentional self-harm (suicide)	219	0.5	Diabetes mellitus	11,432	36.2			
Chronic lower respiratory diseases	115	0.3	Cerebrovascular diseases	10,518	33.3			
Cerebrovascular diseases	95	0.2	Chronic liver disease and cirrhosis	7,217	22.8			
Septicemia	84	0.2	Intentional self-harm (suicide)	4,583	14.5			
In situ neoplasms <sup>2</sup>	76	0.2	Nephritis, nephrotic syndrome and nephrosis	4,368	13.8			
<b>15 TO 24 YEARS</b>								
<b>All causes<sup>2</sup></b>	<b>34,887</b>	<b>82.2</b>	Septicemia	4,032	12.8			
Accidents (unintentional injuries)	16,229	38.2	<b>65 TO 74 YEARS</b>					
Assault (homicide)	5,717	13.5	<b>All causes<sup>2</sup></b>	<b>390,093</b>	<b>2,062.1</b>			
Intentional self-harm (suicide)	4,189	9.9	Malignant neoplasms	137,554	727.2			
Malignant neoplasms	1,644	3.9	Diseases of heart	92,752	490.3			
Diseases of heart	1,076	2.5	Chronic lower respiratory diseases	28,236	149.3			
Congenital malformations, deformations, and chromosomal abnormalities	460	1.1	Cerebrovascular diseases	18,223	96.3			
Cerebrovascular diseases	210	0.5	Diabetes mellitus	15,483	81.8			
Human immunodeficiency virus (HIV) disease	206	0.5	Accidents (unintentional injuries)	8,420	44.5			
Influenza and pneumonia	184	0.4	Nephritis, nephrotic syndrome, and nephrosis	7,453	39.4			
Pregnancy, childbirth and the puerperium	179	0.4	Septicemia	6,064	32.1			
<b>25 TO 34 YEARS</b>								
<b>All causes<sup>2</sup></b>	<b>42,952</b>	<b>106.3</b>	Influenza and pneumonia	6,061	32.0			
Accidents (unintentional injuries)	14,954	37.0	Chronic liver disease and cirrhosis	4,917	26.0			
Intentional self-harm (suicide)	4,985	12.3	<b>75 TO 84 YEARS</b>					
Assault (homicide)	4,725	11.7	<b>All causes<sup>2</sup></b>	<b>667,338</b>	<b>5,115.0</b>			
Malignant neoplasms	3,656	9.0	Diseases of heart	180,451	1,383.1			
Diseases of heart	3,307	8.2	Malignant neoplasms	164,889	1,263.8			
Human immunodeficiency virus (HIV) disease	1,182	2.9	Chronic lower respiratory diseases	47,406	363.4			
Diabetes mellitus	673	1.7	Cerebrovascular diseases	43,719	335.1			
Cerebrovascular diseases	527	1.3	Alzheimer's disease	22,915	175.6			
Congenital malformations, deformations, and chromosomal abnormalities	437	1.1	Diabetes mellitus	21,763	166.8			
Influenza and pneumonia	335	0.8	Influenza and pneumonia	16,668	127.8			
<b>35 TO 44 YEARS</b>								
<b>All causes<sup>2</sup></b>	<b>83,043</b>	<b>190.2</b>	Nephritis, nephrotic syndrome, and nephrosis	14,536	111.4			
Accidents (unintentional injuries)	14,954	37.0	Accidents (unintentional injuries)	13,708	105.1			
Intentional self-harm (suicide)	4,985	12.3	Septicemia	10,745	82.4			
Assault (homicide)	4,725	11.7	<b>85 YEARS AND OVER</b>					
Malignant neoplasms	3,656	9.0	<b>All causes<sup>2</sup></b>	<b>701,992</b>	<b>13,253.1</b>			
Diseases of heart	3,307	8.2	Diseases of heart	237,339	4,480.8			
Human immunodeficiency virus (HIV) disease	1,182	2.9	Malignant neoplasms	85,072	1,606.1			
Diabetes mellitus	673	1.7	Cerebrovascular diseases	55,068	1,039.6			
Cerebrovascular diseases	527	1.3	Alzheimer's disease	44,933	848.3			
Congenital malformations, deformations, and chromosomal abnormalities	437	1.1	Chronic lower respiratory diseases	31,203	589.1			
Influenza and pneumonia	335	0.8	Influenza and pneumonia	26,617	502.5			
<b>45 TO 54 YEARS</b>								
<b>All causes<sup>2</sup></b>	<b>185,031</b>	<b>427.5</b>	Nephritis, nephrotic syndrome and nephrosis	15,388	290.5			
Malignant neoplasms	50,334	116.3	Diabetes mellitus	15,105	285.2			
Diseases of heart	38,095	88.0	Accidents (unintentional injuries)	14,561	274.9			
Accidents (unintentional injuries)	19,675	45.5	Septicemia	9,392	177.3			
Chronic liver disease and cirrhosis	7,712	17.8						
Intentional self-harm (suicide)	7,426	17.2						
Cerebrovascular diseases	6,341	14.7						
Diabetes mellitus	5,692	13.2						
Human immunodeficiency virus (HIV) disease	4,377	10.1						
Chronic lower respiratory diseases	3,924	9.1						
Viral hepatitis	2,911	6.7						

<sup>1</sup> Includes deaths under 1 year of age. <sup>2</sup> Includes other causes not shown separately. <sup>3</sup> Includes benign neoplasms and neoplasms of uncertain or unknown behavior.

**Table 118. Age-Adjusted Death Rates for Major Causes of Death—States and Island Areas: 2006**

[Age adjusted rates per 100,000 resident population estimated as of July 1. By place of residence. Excludes nonresidents of the United States. Causes of death classified according to tenth revisions of International Classification of Diseases. See text, this section for explanation of age adjustment. See Appendix III]

State and island areas						Accidents				Influenza and pneumonia	Nephritis, nephrotic syndrome and nephrosis
	Total	Diseases of heart	Malignant neoplasms (cancer)	Cerebrovascular diseases	Chronic lower respiratory diseases	Total	Motor vehicle accidents	Diabetes mellitus	Alzheimer's disease		
<b>U.S. . . . .</b>	<b>776.5</b>	<b>200.2</b>	<b>180.7</b>	<b>43.6</b>	<b>40.5</b>	<b>39.8</b>	<b>15.0</b>	<b>23.3</b>	<b>22.6</b>	<b>17.8</b>	<b>14.5</b>
AL . . . . .	952.4	253.3	197.7	55.3	46.7	53.8	26.6	29.3	30.3	18.6	22.2
AK . . . . .	775.9	167.2	177.4	47.2	37.2	51.9	13.1	25.6	24.7	13.5	12.6
AZ . . . . .	724.1	164.2	155.7	34.5	43.7	53.8	21.4	19.0	31.4	18.1	8.8
AR . . . . .	888.9	233.0	196.0	58.8	47.4	49.1	25.9	26.9	23.9	23.9	19.3
CA . . . . .	700.2	192.5	162.3	44.9	39.1	31.6	12.2	22.1	24.1	21.8	8.0
CO . . . . .	716.8	151.6	157.7	38.9	49.3	42.1	12.3	16.6	27.7	15.4	12.1
CT . . . . .	714.8	177.3	177.8	36.3	35.5	34.6	10.1	19.2	16.2	18.5	13.7
DE . . . . .	784.0	201.2	191.4	41.7	37.5	37.9	16.4	20.5	20.4	15.1	16.5
DC . . . . .	892.9	260.0	198.7	36.9	21.5	38.1	6.8	30.6	18.3	12.6	11.1
FL . . . . .	711.3	175.1	172.0	35.3	35.9	46.0	18.9	21.7	17.0	9.7	10.5
GA . . . . .	858.8	213.2	180.4	51.3	45.1	43.8	18.9	20.6	25.7	19.7	21.7
HI . . . . .	629.6	147.2	147.6	43.2	19.4	31.7	11.9	18.1	12.2	16.2	11.8
ID . . . . .	747.4	168.5	163.2	51.8	46.6	47.0	20.4	23.0	28.1	15.8	9.2
IL . . . . .	781.1	204.4	187.2	45.3	36.9	34.3	10.9	21.6	20.6	20.1	19.2
IN . . . . .	847.6	217.2	197.7	49.0	50.8	38.7	15.0	25.8	25.2	17.0	20.8
IA . . . . .	730.3	184.7	179.6	42.9	45.3	35.4	14.6	21.9	26.3	18.8	5.7
KS . . . . .	794.7	183.6	180.5	46.5	49.9	41.5	17.4	24.7	24.3	19.4	18.8
KY . . . . .	915.2	235.5	211.2	50.3	55.0	57.5	22.0	25.9	26.7	21.3	21.0
LA . . . . .	930.1	232.3	203.5	51.5	39.6	56.6	23.7	35.5	30.5	19.6	25.2
ME . . . . .	775.0	174.0	193.8	41.3	49.3	40.6	14.3	21.4	29.0	16.6	15.7
MD . . . . .	793.0	205.6	186.8	43.6	34.3	26.1	12.9	22.4	17.1	19.9	14.1
MA . . . . .	719.7	169.5	186.7	37.6	34.5	32.0	7.3	15.4	19.4	22.5	18.5
MI . . . . .	813.7	227.0	191.0	44.7	42.9	34.9	11.5	26.8	21.7	15.8	15.8
MN . . . . .	672.8	133.9	171.2	39.4	33.3	35.2	11.6	21.4	22.2	10.8	12.8
MS . . . . .	961.2	270.9	209.2	53.4	46.7	63.8	33.3	23.8	25.0	20.8	22.5
MO . . . . .	848.3	224.4	196.2	49.5	47.3	49.7	18.8	23.4	24.1	19.3	17.1
MT . . . . .	781.4	168.4	179.6	41.3	53.6	55.8	27.3	23.0	19.6	15.0	11.9
NE . . . . .	735.3	165.0	176.9	43.8	44.2	35.9	14.8	22.1	22.6	15.8	12.2
NV . . . . .	843.7	226.7	183.2	39.6	49.0	44.5	17.9	12.8	14.7	19.8	22.0
NH . . . . .	724.9	178.3	182.6	35.5	44.4	33.7	9.5	21.2	26.5	15.1	11.6
NJ . . . . .	736.6	200.9	182.3	35.8	30.3	28.7	8.8	25.9	16.5	13.5	17.1
NM . . . . .	775.5	172.6	158.3	37.6	45.5	67.1	24.1	30.5	17.7	18.0	13.2
NY . . . . .	701.2	233.1	169.0	29.8	30.1	25.9	8.1	18.3	9.1	22.5	11.0
NC . . . . .	843.6	195.3	192.8	52.4	45.9	47.0	19.2	24.9	26.4	19.6	18.9
ND . . . . .	726.9	181.5	183.2	49.3	34.5	39.5	17.9	26.3	33.6	15.1	6.5
OH . . . . .	840.8	216.1	198.0	45.1	47.9	40.2	11.7	29.6	27.0	15.0	13.8
OK . . . . .	920.4	251.1	194.8	53.4	57.1	56.3	21.8	30.3	23.5	22.7	15.4
OR . . . . .	770.5	160.0	181.3	47.9	45.7	40.5	13.5	28.2	29.0	12.5	8.7
PA . . . . .	800.8	207.1	190.8	43.4	35.4	39.4	12.8	22.2	18.9	16.1	19.0
RI . . . . .	747.4	200.8	181.7	31.2	38.2	36.4	7.8	16.2	20.3	19.5	12.9
SC . . . . .	864.6	200.2	193.2	51.6	43.2	53.2	24.1	25.0	31.5	16.4	18.9
SD . . . . .	740.5	177.0	171.9	42.9	39.7	53.0	24.2	27.1	29.8	16.5	6.2
TN . . . . .	908.3	233.3	204.7	54.9	47.8	54.2	22.8	27.1	34.6	24.9	12.4
TX . . . . .	783.9	197.4	174.5	48.3	39.9	41.0	16.8	26.1	25.9	17.3	15.3
UT . . . . .	706.3	156.3	136.4	36.4	31.9	30.9	13.9	26.1	21.4	18.2	11.1
VT . . . . .	721.7	175.5	171.8	37.8	46.3	45.2	14.1	24.9	26.2	10.8	7.4
VA . . . . .	781.0	190.8	183.9	48.8	37.4	35.7	12.5	21.8	22.3	17.9	19.2
WA . . . . .	722.5	165.8	174.2	42.9	43.1	41.1	11.4	24.4	38.3	12.7	6.6
WV . . . . .	941.3	236.9	205.9	47.6	56.6	62.2	23.1	33.1	21.8	20.6	20.8
WI . . . . .	746.6	181.1	181.2	44.6	38.8	42.7	13.5	19.7	24.2	15.7	15.4
WY . . . . .	822.8	189.4	175.4	45.3	67.0	58.9	29.7	23.7	21.8	22.6	11.2
PR <sup>1</sup> . . . . .	724.6	146.7	121.1	40.7	27.2	29.6	12.3	65.3	34.0	24.9	24.2
VI <sup>1</sup> . . . . .	648.7	175.7	108.2	43.0	(S)	29.1	(S)	42.5	(S)	(S)	(S)
GU <sup>1</sup> . . . . .	615.5	196.7	110.0	72.1	(S)	26.5	(S)	27.3	(S)	(S)	(S)
AS <sup>1</sup> . . . . .	1,312.0	304.9	169.1	(S)	(S)	(S)	(S)	162.7	(S)	(S)	(S)
MP <sup>1</sup> . . . . .	997.6	72.2	288.5	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

S Figure does not meet standards of reliability or precision. <sup>1</sup> Age-adjusted death rates for Puerto Rico, Virgin Islands, Guam, American Samoa, and Northern Marianas are calculated using different age groups in the weighting procedure; see source "Technical Notes."

**Table 119. Death Rates From Heart Disease by Selected Characteristics: 1980 to 2006**

[Rates per 100,000 population. See headnote, Tables 106 and 114. See Appendix III]

Characteristic	1980	1990	2000	2001	2002	2003	2004	2005	2006
<b>Total, age adjusted</b> . . . . .	<b>412.1</b>	<b>321.8</b>	<b>257.6</b>	<b>247.8</b>	<b>240.8</b>	<b>232.3</b>	<b>217.0</b>	<b>211.1</b>	<b>200.2</b>
<b>Total, crude</b> . . . . .	<b>336.0</b>	<b>289.5</b>	<b>252.6</b>	<b>245.8</b>	<b>241.7</b>	<b>235.6</b>	<b>222.2</b>	<b>220.0</b>	<b>211.0</b>
Under 1 year . . . . .	22.8	20.1	13.0	11.9	12.4	11.0	10.3	8.7	8.4
1 to 4 years . . . . .	2.6	1.9	1.2	1.5	1.1	1.2	1.2	0.9	1.0
5 to 14 years . . . . .	0.9	0.9	0.7	0.7	0.6	0.6	0.6	0.6	0.6
15 to 24 years . . . . .	2.9	2.5	2.6	2.5	2.5	2.7	2.5	2.7	2.5
25 to 34 years . . . . .	8.3	7.6	7.4	8.0	7.9	8.2	7.9	8.1	8.2
35 to 44 years . . . . .	44.6	31.4	29.2	29.6	30.5	30.7	29.3	28.9	28.3
45 to 54 years . . . . .	180.2	120.5	94.2	92.9	93.7	92.5	90.2	89.7	88.0
55 to 64 years . . . . .	494.1	367.3	261.2	246.9	241.5	233.2	218.8	214.8	207.3
65 to 74 years . . . . .	1,218.6	894.3	665.6	635.1	615.9	585.0	541.6	518.9	490.3
75 to 84 years . . . . .	2,993.1	2,295.7	1,780.3	1,725.7	1,677.2	1,611.1	1,506.3	1,460.8	1,383.1
85 years and over . . . . .	7,777.1	6,739.9	5,926.1	5,664.2	5,446.8	5,278.4	4,895.9	4,778.4	4,480.8
<b>Male, age adjusted</b> . . . . .	<b>538.9</b>	<b>412.4</b>	<b>320.0</b>	<b>305.4</b>	<b>297.4</b>	<b>286.6</b>	<b>267.9</b>	<b>260.9</b>	<b>248.5</b>
White . . . . .	539.6	409.2	316.7	301.8	294.1	282.9	264.6	258.0	245.2
Black . . . . .	561.4	485.4	392.5	384.5	371.0	364.3	342.1	329.8	320.6
American Indian, Alaska Native . . . . .	320.5	264.1	222.2	200.7	201.2	203.2	182.7	173.2	170.2
Asian, Pacific Islander . . . . .	286.9	220.7	185.5	169.8	169.8	158.3	146.5	141.1	136.3
Hispanic origin <sup>2</sup> . . . . .	(NA)	270.0	238.2	232.6	219.8	206.8	193.9	192.4	175.2
Non-Hispanic, White <sup>2</sup> . . . . .	(NA)	413.6	319.9	304.8	297.7	286.9	268.7	262.2	250.0
<b>Male, crude</b> . . . . .	<b>368.6</b>	<b>297.6</b>	<b>249.8</b>	<b>242.5</b>	<b>240.7</b>	<b>235.0</b>	<b>222.8</b>	<b>221.1</b>	<b>214.0</b>
Under 1 year . . . . .	25.5	21.9	13.3	11.8	12.9	12.1	10.9	9.4	8.8
1 to 4 years . . . . .	2.8	1.9	1.4	1.5	1.1	1.1	1.1	1.0	1.1
5 to 14 years . . . . .	1.0	0.9	0.8	0.7	0.7	0.7	0.6	0.6	0.7
15 to 24 years . . . . .	3.7	3.1	3.2	3.2	3.3	3.4	3.2	3.6	3.3
25 to 34 years . . . . .	11.4	10.3	9.6	10.3	10.5	10.5	10.5	10.8	11.2
35 to 44 years . . . . .	68.7	48.1	41.4	41.7	43.1	42.8	40.9	40.7	39.5
45 to 54 years . . . . .	282.6	183.0	140.2	136.6	138.4	136.2	132.3	131.5	128.9
55 to 64 years . . . . .	746.8	537.3	371.7	349.8	343.4	331.7	312.8	306.9	296.8
65 to 74 years . . . . .	1,728.0	1,250.0	898.3	851.3	827.1	785.3	723.8	692.3	660.5
75 to 84 years . . . . .	3,834.3	2,968.2	2,248.1	2,177.3	2,110.1	2,030.3	1,893.6	1,829.4	1,743.5
85 years and over . . . . .	8,752.7	7,418.4	6,430.0	6,040.5	5,823.5	5,621.5	5,239.3	5,143.4	4,819.0
<b>Female, age adjusted</b> . . . . .	<b>320.8</b>	<b>257.0</b>	<b>210.9</b>	<b>203.9</b>	<b>197.2</b>	<b>190.3</b>	<b>177.3</b>	<b>172.3</b>	<b>162.2</b>
White . . . . .	315.9	250.9	205.6	198.7	192.1	185.4	172.9	168.2	158.6
Black . . . . .	378.6	327.5	277.6	269.8	263.2	253.8	236.5	228.3	212.5
American Indian, Alaska Native . . . . .	175.4	153.1	143.6	127.0	123.6	127.5	119.9	115.9	113.2
Asian, Pacific Islander . . . . .	132.3	149.2	115.7	112.9	108.1	104.2	96.1	91.9	87.3
Hispanic origin <sup>2</sup> . . . . .	(NA)	177.2	163.7	161.0	149.7	145.8	130.0	129.1	118.9
Non-Hispanic, White <sup>2</sup> . . . . .	(NA)	252.6	206.8	200.0	193.7	187.1	175.1	170.3	160.9
<b>Female, crude</b> . . . . .	<b>305.1</b>	<b>281.8</b>	<b>255.3</b>	<b>249.0</b>	<b>242.7</b>	<b>236.2</b>	<b>221.6</b>	<b>218.9</b>	<b>208.0</b>
Under 1 year . . . . .	20.0	18.3	12.5	12.0	11.8	9.8	9.7	8.0	7.9
1 to 4 years . . . . .	2.5	1.9	1.0	1.4	1.0	1.3	1.2	0.9	0.9
5 to 14 years . . . . .	0.9	0.8	0.5	0.7	0.6	0.5	0.6	0.6	0.6
15 to 24 years . . . . .	2.1	1.8	2.1	1.8	1.7	2.1	1.7	1.7	1.8
25 to 34 years . . . . .	5.3	5.0	5.2	5.6	5.2	5.7	5.2	5.3	5.1
35 to 44 years . . . . .	21.4	15.1	17.2	17.6	18.0	18.6	17.7	17.1	17.0
45 to 54 years . . . . .	84.5	61.0	49.8	50.7	50.6	50.2	49.6	49.2	48.5
55 to 64 years . . . . .	272.1	215.7	159.3	151.8	147.2	141.9	131.5	129.1	124.1
65 to 74 years . . . . .	828.6	616.8	474.0	455.9	440.1	417.5	388.6	372.7	346.3
75 to 84 years . . . . .	2,497.0	1,893.8	1,475.1	1,428.9	1,389.7	1,331.1	1,245.6	1,210.5	1,136.7
85 years and over . . . . .	7,350.5	6,478.1	5,720.9	5,506.8	5,283.3	5,126.7	4,741.5	4,610.8	4,322.1

NA Not available. <sup>1</sup> The total numbers of deaths in a given time period divided by the total resident population as of July 1. <sup>2</sup> Persons of Hispanic origin may be any race. Prior to 1997 excludes data from States lacking an Hispanic-origin item on their death certificates. See text, this section.

**Table 120. Death Rates From Cerebrovascular Diseases by Sex and Age:  
1990 to 2006**

[Rates per 100,000 population. See headnote, Tables 106 and 114. See Appendix III]

Age	Total				Male				Female			
	1990	2000	2005	2006	1990	2000	2005	2006	1990	2000	2005	2006
<b>All ages, age adjusted . .</b>	<b>65.3</b>	<b>60.9</b>	<b>46.6</b>	<b>43.6</b>	<b>68.5</b>	<b>62.4</b>	<b>46.9</b>	<b>43.9</b>	<b>62.6</b>	<b>59.1</b>	<b>45.6</b>	<b>42.6</b>
<b>All ages, crude <sup>1</sup> . . . . .</b>	<b>57.8</b>	<b>59.6</b>	<b>48.4</b>	<b>45.8</b>	<b>46.7</b>	<b>46.9</b>	<b>38.8</b>	<b>37.0</b>	<b>68.4</b>	<b>71.8</b>	<b>57.8</b>	<b>54.4</b>
Under 1 year . . . . .	3.8	3.3	3.1	3.4	4.4	3.8	3.5	3.9	3.1	2.7	2.6	2.9
1 to 4 years . . . . .	0.3	0.3	0.4	0.3	0.3	(B)	0.5	0.3	0.3	0.4	0.3	0.4
5 to 14 years . . . . .	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2
15 to 24 years . . . . .	0.6	0.5	0.5	0.5	0.7	0.5	0.4	0.5	0.6	0.5	0.5	0.5
25 to 34 years . . . . .	2.2	1.5	1.4	1.3	2.1	1.5	1.5	1.4	2.2	1.5	1.2	1.2
35 to 44 years . . . . .	6.4	5.8	5.2	5.1	6.8	5.8	5.2	5.3	6.1	5.7	5.1	4.8
45 to 54 years . . . . .	18.7	16.0	15.0	14.7	20.5	17.5	16.5	16.4	17.0	14.5	13.6	13.0
55 to 64 years . . . . .	47.9	41.0	33.0	33.3	54.3	47.2	38.5	38.7	42.2	35.3	27.9	28.2
65 to 74 years . . . . .	144.2	128.6	101.1	96.3	166.6	145.0	113.6	108.0	126.7	115.1	90.5	86.5
75 to 84 years . . . . .	498.0	461.3	359.0	335.1	551.1	490.8	372.9	345.5	466.2	442.1	349.5	328.0
85 years and over . . . . .	1,628.9	1,589.2	1,141.8	1,039.6	1,528.5	1,484.3	1,023.3	932.4	1,667.6	1,632.0	1,196.1	1,089.8

B Base figure too small to meet statistical standards for reliability.  
divided by the total resident population as of July 1.

<sup>1</sup>The total numbers of deaths in a given time period

Source: U.S. National Center for Health Statistics, *Health, United States, 2008*. See also <<http://cdc.gov/nchs/hus.htm>>.

**Table 121. Death Rates From Malignant Neoplasms by Selected Characteristics: 1990 to 2006**

[Rates per 100,000 population. Beginning 2000, cause of death is coded according to ICD-10; for explanation, see text, this section. For explanation of age adjustment, see headnote, Table 106. See Appendix III]

Characteristic	1990	2000	2002	2003	2004	2005	2006
<b>Total, age adjusted</b> . . . . .	<b>216.0</b>	<b>199.6</b>	<b>193.5</b>	<b>190.1</b>	<b>185.8</b>	<b>183.8</b>	<b>180.7</b>
<b>Total, crude</b> <sup>1</sup> . . . . .	<b>203.2</b>	<b>196.5</b>	<b>193.2</b>	<b>191.5</b>	<b>188.6</b>	<b>188.7</b>	<b>187.0</b>
Under 1 year . . . . .	2.3	2.4	1.8	1.9	1.8	1.8	1.8
1 to 4 years . . . . .	3.5	2.7	2.6	2.5	2.5	2.3	2.3
5 to 14 years . . . . .	3.1	2.5	2.6	2.6	2.5	2.5	2.2
15 to 24 years . . . . .	4.9	4.4	4.3	4.0	4.1	4.1	3.9
25 to 34 years . . . . .	12.6	9.8	9.7	9.4	9.1	9.0	9.0
35 to 44 years . . . . .	43.3	36.6	35.8	35.0	33.4	33.2	31.9
45 to 54 years . . . . .	158.9	127.5	123.8	122.2	119.0	118.6	116.3
55 to 64 years . . . . .	449.6	366.7	351.1	343.0	333.4	326.9	321.1
65 to 74 years . . . . .	872.3	816.3	792.1	770.3	755.1	742.7	727.2
75 to 84 years . . . . .	1,348.5	1,335.6	1,311.9	1,302.5	1,280.4	1,274.8	1,263.8
85 years old and over . . . . .	1,752.9	1,819.4	1,723.9	1,698.2	1,653.3	1,637.7	1,606.1
<b>AGE-ADJUSTED RATES</b>							
Male . . . . .	280.4	248.9	238.9	233.3	227.7	225.1	220.1
Female . . . . .	175.7	167.6	163.1	160.9	157.4	155.6	153.6
White male . . . . .	272.2	243.9	235.2	230.1	224.4	222.3	217.9
Black male . . . . .	397.9	340.3	319.6	308.8	301.2	293.7	284.9
American Indian, Alaska Native male . . . . .	145.8	155.8	141.9	139.9	147.1	147.6	(NA)
Asian, Pacific Islander male . . . . .	172.5	150.8	137.9	137.2	136.3	133.0	(NA)
Hispanic male, <sup>2</sup> . . . . .	174.7	171.7	161.4	156.5	151.2	152.7	143.4
Non-Hispanic, White male <sup>2</sup> . . . . .	276.7	247.7	239.6	234.6	229.2	227.3	223.4
White female . . . . .	174.0	166.9	162.4	160.2	157.0	155.2	153.6
Black female . . . . .	205.9	193.8	190.3	187.7	182.5	179.6	176.1
American Indian, Alaska Native female . . . . .	106.9	108.3	112.9	105.6	108.6	105.9	(NA)
Asian, Pacific Islander female . . . . .	103.0	100.7	95.9	96.7	92.0	94.5	(NA)
Hispanic female, <sup>2</sup> . . . . .	111.9	110.8	106.1	105.9	101.4	102.0	100.4
Non-Hispanic, White female <sup>2</sup> . . . . .	177.5	170.0	165.9	163.8	160.9	159.1	157.6
<b>DEATH RATES FOR MALIGNANT NEOPLASM OF BREASTS FOR FEMALES</b>							
All ages, age adjusted . . . . .	33.3	29.4	27.6	26.6	24.4	24.1	23.5
All ages, crude <sup>1</sup> . . . . .	34.0	31.3	29.7	28.9	27.5	27.3	26.9
Under 25 years . . . . .	(B)	(B)	(B)	(B)	(B)	(B)	(B)
25 to 34 years . . . . .	2.9	2.6	2.5	2.2	2.0	1.8	1.8
35 to 44 years . . . . .	17.8	14.1	13.4	12.0	11.3	11.3	10.8
45 to 54 years . . . . .	45.4	38.3	35.3	32.9	29.3	28.7	27.6
55 to 64 years . . . . .	78.6	66.8	61.6	59.2	55.8	54.5	53.7
65 to 74 years . . . . .	111.7	98.3	92.4	88.9	81.6	79.2	76.9
75 to 84 years . . . . .	146.3	137.6	129.3	128.9	119.5	119.2	119.2
85 years old and over . . . . .	196.8	201.7	193.4	200.8	178.6	177.9	169.9
<b>DEATH RATES FOR MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS, AND LUNG</b>							
All ages, age adjusted . . . . .	37.1	41.3	41.6	41.3	40.9	40.5	40.0
All ages, crude <sup>1</sup> . . . . .	39.4	45.4	46.0	46.1	45.9	45.9	45.7
Under 25 years . . . . .	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
25 to 34 years . . . . .	0.5	0.5	0.4	0.4	0.3	0.3	0.4
35 to 44 years . . . . .	5.2	5.3	5.8	5.1	5.2	5.1	4.5
45 to 54 years . . . . .	34.5	25.0	24.3	24.4	24.2	24.5	24.6
55 to 64 years . . . . .	105.0	93.3	88.8	87.1	83.9	80.7	78.2
65 to 74 years . . . . .	177.6	206.9	207.7	204.8	205.0	199.6	197.0
75 to 84 years . . . . .	190.1	265.6	277.8	279.4	277.0	280.9	280.3
85 years old and over . . . . .	138.1	212.8	217.0	221.0	221.3	226.2	226.9

B Base figure too small to meet statistical standards for reliability of a derived figure. NA Not available. Z Less than 0.05. <sup>1</sup>The total number of deaths in a given time period divided by the total resident population as of July 1. <sup>2</sup>Excludes data from states lacking an Hispanic-origin item on their death certificates. See text, this section.

**Table 122. Death Rates From Suicide by Selected Characteristics: 1990 to 2006**

[Rates per 100,000 population. Beginning 2000, cause of death is coded according to ICD-10; for explanation, see text, this section. For explanation of age adjustment, see headnote, Table 106. See Appendix III]

Characteristic	1990	2000	2002	2003	2004	2005	2006
<b>All ages, age adjusted . . . . .</b>	<b>12.5</b>	<b>10.4</b>	<b>10.9</b>	<b>10.8</b>	<b>10.9</b>	<b>10.9</b>	<b>10.9</b>
<b>All ages, crude <sup>1</sup> . . . . .</b>	<b>12.4</b>	<b>10.4</b>	<b>11.0</b>	<b>10.8</b>	<b>11.0</b>	<b>11.0</b>	<b>11.1</b>
Under 1 year . . . . .	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1 to 4 years . . . . .	(X)	(X)	(X)	(X)	(X)	(X)	(X)
5 to 14 years . . . . .	0.8	0.7	0.6	0.6	0.7	0.7	0.5
15 to 24 years . . . . .	13.2	10.2	9.9	9.7	10.3	10.0	9.9
25 to 34 years . . . . .	15.2	12.0	12.6	12.7	12.7	12.4	12.3
35 to 44 years . . . . .	15.3	14.5	15.3	14.9	15.0	14.9	15.1
45 to 54 years . . . . .	14.8	14.4	15.7	15.9	16.6	16.5	17.2
55 to 64 years . . . . .	16.0	12.1	13.6	13.8	13.8	13.9	14.5
65 to 74 years . . . . .	17.9	12.5	13.5	12.7	12.3	12.6	12.6
75 to 84 years . . . . .	24.9	17.6	17.7	16.4	16.3	16.9	15.9
85 years and over . . . . .	22.2	19.6	18.0	16.9	16.4	16.9	15.9
<b>AGE ADJUSTED</b>							
Male . . . . .	21.5	17.7	18.4	18.0	18.0	18.0	18.0
Female . . . . .	4.8	4.0	4.2	4.2	4.5	4.4	4.5
White male . . . . .	22.8	19.1	20.0	19.6	19.6	19.6	19.6
Black male . . . . .	12.8	10.0	9.8	9.2	9.6	9.2	9.4
American Indian, Alaska Native male . . . . .	20.1	16.0	16.4	16.6	18.7	18.9	18.3
Asian, Pacific Islander male . . . . .	9.6	8.6	8.0	8.5	8.4	7.3	7.9
Hispanic male <sup>2</sup> . . . . .	13.7	10.3	9.9	9.7	9.8	9.4	8.8
Non-Hispanic, White male <sup>2</sup> . . . . .	23.5	20.2	21.4	21.0	21.0	21.2	21.4
White female . . . . .	5.2	4.3	4.7	4.6	5.0	4.9	5.1
Black female . . . . .	2.4	1.8	1.6	1.9	1.8	1.9	1.4
American Indian, Alaska Native female . . . . .	3.6	3.8	4.1	3.5	5.9	4.6	5.1
Asian, Pacific Islander female . . . . .	4.1	2.8	3.0	3.1	3.5	3.3	3.4
Hispanic female <sup>2</sup> . . . . .	2.3	1.7	1.8	1.7	2.0	1.8	1.8
Non-Hispanic, White female <sup>2</sup> . . . . .	5.4	4.7	5.1	5.0	5.4	5.3	5.6

X Not applicable. <sup>1</sup>The total number of deaths in a given time period divided by the total resident population as of July 1.  
<sup>2</sup>Data for 1990 exclude data from states lacking an Hispanic-origin item on their death certificates. Persons of Hispanic origin may be any race.

**Table 123. Death Rates From Human Immunodeficiency Virus (HIV) Disease by Selected Characteristics: 1990 to 2006**

[Rates per 100,000 population. Beginning 2000, cause of death is coded according to ICD 10; for explanation, see text this section. For explanation of age adjustment, see headnote, Table 106. See Appendix III]

Characteristic	1990	2000	2002	2003	2004	2005	2006
All ages, age adjusted . . . . .	10.2	5.2	4.9	4.7	4.5	4.2	4.0
All ages, crude <sup>1</sup> . . . . .	10.1	5.1	4.9	4.7	4.4	4.2	4.0
Under 1 year . . . . .	2.7	(B)	(B)	(B)	(B)	(B)	(B)
1 to 4 years . . . . .	0.8	(B)	(B)	(B)	(B)	(B)	(B)
5 to 14 years . . . . .	0.2	0.1	0.1	0.1	0.1	(B)	(B)
15 to 24 years . . . . .	1.5	0.5	0.4	0.4	0.5	0.4	0.5
25 to 34 years . . . . .	19.7	6.1	4.6	4.0	3.7	3.3	2.9
35 to 44 years . . . . .	27.4	13.1	12.7	12.0	10.9	9.9	9.2
45 to 54 years . . . . .	15.2	11.0	11.2	10.9	10.6	10.6	10.1
55 to 64 years . . . . .	6.2	5.1	5.1	5.4	5.4	5.3	5.5
65 to 74 years . . . . .	2.0	2.2	2.2	2.4	2.4	2.3	2.5
75 to 84 years . . . . .	0.7	0.7	0.8	0.7	0.8	0.8	0.8
85 years and over . . . . .	(B)	(B)	(B)	(B)	(B)	(B)	(B)
AGE ADJUSTED							
Male . . . . .	18.5	7.9	7.4	7.1	6.6	6.2	5.9
Female . . . . .	2.2	2.5	2.5	2.4	2.4	2.3	2.2
White male . . . . .	15.7	4.6	4.3	4.2	3.8	3.6	3.4
Black male . . . . .	46.3	35.1	33.3	31.3	29.2	28.2	26.3
American Indian, Alaska Native male . . . . .	3.3	3.5	3.4	3.5	4.3	4.0	3.3
Asian or Pacific Islander male . . . . .	4.3	1.2	1.5	1.1	1.2	1.0	1.1
Hispanic male <sup>2</sup> . . . . .	28.8	10.6	9.1	9.2	8.2	7.5	7.0
Non-Hispanic, White male <sup>2</sup> . . . . .	14.1	3.8	3.5	3.4	3.1	3.0	2.8
White female . . . . .	1.1	1.0	0.9	0.9	0.9	0.8	0.7
Black female . . . . .	10.1	13.2	13.4	12.8	13.0	12.0	12.2
American Indian, Alaska Native female . . . . .	(B)	1.0	(B)	1.5	1.5	1.5	1.5
Asian or Pacific Islander female . . . . .	(B)	0.2	(B)	(B)	(B)	(B)	(B)
Hispanic female <sup>2</sup> . . . . .	3.8	2.9	2.6	2.7	2.4	1.9	1.9
Non-Hispanic, White female <sup>2</sup> . . . . .	0.7	0.7	0.6	0.6	0.6	0.6	0.6

<sup>B</sup> Base figure too small to meet statistical standards for reliability of a derived figure. <sup>1</sup> The total number of deaths in a given time period divided by the total resident population as of July 1. <sup>2</sup> Data for 1990 exclude data from states lacking an Hispanic-origin item on their death certificates. Persons of Hispanic origin may be any race.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Health, United States, 2008*. See also <<http://cdc.gov/nchs/hus.htm>>.



**Table 124. Deaths—Life Years Lost and Mortality Costs by Age, Sex, and Cause: 2005**

[2,448 represents 2,448,000. Life years lost: Number of years person would have lived in absence of death. Mortality cost: value of lifetime earnings lost by persons who die prematurely]

Characteristic	Number of deaths (1,000)	Life years lost <sup>1</sup>		Mortality cost <sup>2</sup>	
		Total (1,000)	Per death	Total (mil. dol.)	Per death (dol.)
<b>2005, total</b> <sup>3</sup>	<b>2,448</b>	<b>41,556</b>	<b>17.0</b>	<b>565,966</b>	<b>231,218</b>
Under 5 years old . . . . .	33	2,569	77.4	35,697	1,075,355
5 to 14 years old . . . . .	7	463	70.1	8,622	1,306,014
15 to 24 years old . . . . .	34	2,034	59.4	54,679	1,597,211
25 to 44 years old . . . . .	127	5,594	44.2	169,003	1,333,778
45 to 64 years old . . . . .	398	12,519	31.4	248,645	624,032
65 years old and over . . . . .	1,849	18,377	9.9	49,320	26,680
Heart disease . . . . .	652	8,720	13.4	92,744	142,234
Cancer . . . . .	559	10,612	19.0	141,596	253,165
Cerebrovascular diseases . . . . .	144	1,689	11.8	14,355	99,982
Accidents and adverse effects . . . . .	118	3,952	33.6	96,465	819,222
Other . . . . .	975	16,583	17.0	220,806	226,449
<b>Male</b> . . . . .	<b>1,207</b>	<b>21,999</b>	<b>18.2</b>	<b>410,432</b>	<b>233,909</b>
Under 5 years old . . . . .	19	1,411	75.1	22,263	1,185,278
5 to 14 years old . . . . .	4	262	67.9	5,536	1,436,712
15 to 24 years old . . . . .	26	1,481	58.1	43,272	1,696,356
25 to 44 years old . . . . .	83	3,544	42.9	123,548	1,495,879
45 to 64 years old . . . . .	280	7,273	26.0	179,456	641,142
65 years old and over . . . . .	797	8,029	10.1	36,357	45,626
Heart disease . . . . .	323	4,704	14.6	72,785	225,470
Cancer . . . . .	290	5,696	19.6	99,673	343,205
Cerebrovascular diseases . . . . .	57	639	11.3	9,145	161,629
Accidents and adverse effects . . . . .	76	2,678	35.1	75,916	994,631
Other . . . . .	461	8,282	18.0	152,913	331,457
<b>Female</b> . . . . .	<b>1,240</b>	<b>19,557</b>	<b>15.8</b>	<b>155,534</b>	<b>125,402</b>
Under 5 years old . . . . .	14	1,158	80.3	13,434	932,103
5 to 14 years old . . . . .	3	202	73.3	3,087	1,122,828
15 to 24 years old . . . . .	9	553	63.3	11,407	1,307,343
25 to 44 years old . . . . .	44	2,051	46.5	45,455	1,030,314
45 to 64 years old . . . . .	119	5,246	44.3	69,188	583,633
65 years old and over . . . . .	1,052	10,348	9.8	12,963	12,325
Heart disease . . . . .	329	4,016	12.2	19,959	60,622
Cancer . . . . .	269	4,916	18.3	41,924	155,916
Cerebrovascular diseases . . . . .	87	1,050	12.1	5,210	59,886
Accidents and adverse effects . . . . .	41	1,273	30.7	20,549	496,038
Other . . . . .	514	8,301	16.2	67,893	132,154

<sup>1</sup> Based on life expectancy at year of death. <sup>2</sup> Cost estimates based on the person's age, sex, life expectancy at the time of death, labor force participation rates, annual earnings, value of homemaking services, and a 3 percent discount rate by which to convert to present worth the potential aggregate earnings lost over the years. <sup>3</sup> Total excludes 255 deaths for which age is unknown.

**Table 125. Percent Reaching Stated Anniversary by Sex and Years of Marriage: 2004**

[In percent except number of marriages. Data are for first marriages only]

Sex and year of marriage	Number of marriages (1,000s)	Anniversary <sup>1</sup>							
		5th	10th	15th	20th	25th	30th	35th	40th
<b>Men</b>									
<b>1955 to 1959</b> .....	<b>3,884</b>	<b>96.4</b>	<b>88.3</b>	<b>80.3</b>	<b>73.8</b>	<b>70.4</b>	<b>67.3</b>	<b>64.7</b>	<b>61.4</b>
1960 to 1964 <sup>2</sup> .....	4,602	95.1	85.0	75.2	69.7	65.0	62.4	59.7	52.5
1965 to 1969 <sup>2</sup> .....	6,161	90.5	76.9	67.4	62.3	58.6	55.5	48.2	(X)
1970 to 1974 <sup>2</sup> .....	7,075	88.5	74.4	64.6	58.1	53.8	46.2	(X)	(X)
1975 to 1979 <sup>2</sup> .....	7,001	88.1	73.0	65.2	59.6	49.5	(X)	(X)	(X)
1980 to 1984 <sup>2</sup> .....	7,625	88.7	73.7	65.3	53.8	(X)	(X)	(X)	(X)
1985 to 1989 <sup>2</sup> .....	7,838	89.3	76.4	60.6	(X)	(X)	(X)	(X)	(X)
1990 to 1994 <sup>2</sup> .....	8,070	89.4	70.0	(X)	(X)	(X)	(X)	(X)	(X)
<b>Women</b>									
<b>1955 to 1959</b> .....	<b>4,890</b>	<b>94.0</b>	<b>86.8</b>	<b>79.4</b>	<b>72.4</b>	<b>67.2</b>	<b>63.5</b>	<b>58.9</b>	<b>54.7</b>
1960 to 1964 <sup>2</sup> .....	5,548	92.8	82.3	72.7	66.5	60.4	56.1	52.7	44.9
1965 to 1969 <sup>2</sup> .....	7,023	89.5	74.9	65.7	60.0	55.1	51.3	43.8	(X)
1970 to 1974 <sup>2</sup> .....	8,139	87.1	71.6	61.4	55.4	50.6	42.1	(X)	(X)
1975 to 1979 <sup>2</sup> .....	7,714	85.3	70.0	61.4	55.7	46.4	(X)	(X)	(X)
1980 to 1984 <sup>2</sup> .....	8,058	86.5	70.7	63.1	52.4	(X)	(X)	(X)	(X)
1985 to 1989 <sup>2</sup> .....	8,064	85.7	73.0	56.9	(X)	(X)	(X)	(X)	(X)
1990 to 1994 <sup>2</sup> .....	8,546	87.2	69.2	(X)	(X)	(X)	(X)	(X)	(X)

X Not applicable. <sup>1</sup> People reaching stated anniversary. <sup>2</sup> Approximately 10 percent of the cohort has not reached the stated anniversary by the end of the latest specified time period. Because of this, estimates for this group for the highest anniversary are low.

Source: U.S. Census Bureau, Survey of Income and Program Participation (SIPP) Reports, "Number, Timing and Duration of Marriages and Divorces: 2004"; <<http://www.census.gov/population/www/socdemo/marr-div/2004detailedtables.html>>.

**Table 126. Marriages and Divorces—Number and Rate by State: 1990 to 2007**

[2,443.5 represents 2,443,500. By place of occurrence. See Appendix III]

State	Marriages <sup>1</sup>						Divorces <sup>3</sup>					
	Number (1,000)			Rate per 1,000 population <sup>2</sup>			Number (1,000)			Rate per 1,000 population <sup>2</sup>		
	1990	2000	2007	1990	2000	2007	1990	2000	2007	1990	2000	2007
<b>U.S. <sup>4</sup></b>	<b>2,443.5</b>	<b>2,329.0</b>	<b>2,204.6</b>	<b>9.8</b>	<b>8.3</b>	<b>7.3</b>	<b>1,182.0</b>	<b>(NA)</b>	<b>(NA)</b>	<b>4.7</b>	<b>4.1</b>	<b>3.6</b>
Alabama	43.1	45.0	42.4	10.6	10.3	9.2	25.3	23.5	19.8	6.1	5.4	4.3
Alaska	5.7	5.6	5.8	10.2	8.9	8.4	2.9	2.7	3.0	5.5	4.4	4.3
Arizona <sup>5</sup>	36.8	38.7	39.5	10.0	7.9	6.2	25.1	21.6	24.5	6.9	4.4	3.9
Arkansas	36.0	41.1	33.7	15.3	16.0	11.9	16.8	17.9	16.8	6.9	6.9	5.9
California	237.1	196.9	225.8	7.9	5.9	6.2	128.0	(NA)	(NA)	4.3	(NA)	(NA)
Colorado	32.4	35.6	29.2	9.8	8.6	6.0	18.4	(NA)	21.2	5.5	(NA)	4.4
Connecticut	26.0	19.4	17.3	7.9	5.9	4.9	10.3	6.5	10.7	3.2	2.0	3.1
Delaware	5.6	5.1	4.7	8.4	6.7	5.5	3.0	3.2	3.9	4.4	4.2	4.5
District of Columbia	5.0	2.8	2.1	8.2	5.4	3.6	2.7	1.5	1.0	4.5	3.0	1.6
Florida	141.8	141.9	157.6	10.9	9.3	8.6	81.7	81.9	86.4	6.3	5.3	4.7
Georgia	66.8	56.0	64.0	10.3	7.1	6.7	35.7	30.7	(NA)	5.5	3.9	(NA)
Hawaii	18.3	25.0	27.3	16.4	21.2	21.3	5.2	4.6	(NA)	4.6	3.9	(NA)
Idaho	14.1	14.0	15.4	13.9	11.0	10.3	6.6	6.9	7.4	6.5	5.4	4.9
Illinois	100.6	85.5	75.3	8.8	7.0	5.9	44.3	39.1	32.8	3.8	3.2	2.6
Indiana	53.2	34.5	51.2	9.6	5.8	8.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	24.9	20.3	20.1	9.0	7.0	6.7	11.1	9.4	7.8	3.9	3.3	2.6
Kansas	22.7	22.2	18.6	9.2	8.3	6.7	12.6	10.6	9.2	5.0	4.0	3.3
Kentucky	49.8	39.7	33.6	13.5	10.0	7.9	21.8	21.6	19.7	5.8	5.4	4.6
Louisiana	40.4	40.5	32.8	9.6	9.3	7.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maine	11.9	10.5	10.1	9.7	8.3	7.7	5.3	5.8	5.9	4.3	4.6	4.5
Maryland	46.3	40.0	35.5	9.7	7.7	6.3	16.1	17.0	17.4	3.4	3.3	3.1
Massachusetts	47.7	37.0	38.4	7.9	6.0	6.0	16.8	18.6	14.5	2.8	3.0	2.2
Michigan	76.1	66.4	59.1	8.2	6.7	5.9	40.2	39.4	35.5	4.3	4.0	3.5
Minnesota	33.7	33.4	29.8	7.7	6.9	5.7	15.4	14.8	(NA)	3.5	3.1	(NA)
Mississippi	24.3	19.7	15.7	9.4	7.1	5.4	14.4	14.4	14.2	5.5	5.2	4.9
Missouri	49.1	43.7	39.4	9.6	7.9	6.7	26.4	26.5	22.4	5.1	4.8	3.8
Montana	6.9	6.6	7.1	8.6	7.4	7.4	4.1	2.1	3.6	5.1	2.4	3.7
Nebraska	12.6	13.0	12.4	8.0	7.8	7.0	6.5	6.4	5.5	4.0	3.8	3.1
Nevada	120.6	144.3	126.4	99.0	76.7	49.3	13.3	18.1	16.6	11.4	9.6	6.5
New Hampshire	10.5	11.6	9.4	9.5	9.5	7.1	5.3	7.1	5.1	4.7	5.8	3.9
New Jersey	58.7	50.4	45.4	7.6	6.1	5.2	23.6	25.6	25.7	3.0	3.1	3.0
New Mexico <sup>5</sup>	13.3	14.5	11.2	8.8	8.3	5.7	7.7	9.2	8.4	4.9	5.3	4.3
New York <sup>5</sup>	154.8	162.0	130.6	8.6	8.9	6.8	57.9	62.8	55.9	3.2	3.4	2.9
North Carolina	51.9	65.6	68.1	7.8	8.5	7.5	34.0	36.9	37.4	5.1	4.8	4.1
North Dakota	4.8	4.6	4.2	7.5	7.3	6.6	2.3	2.0	1.5	3.6	3.2	2.4
Ohio	98.1	88.5	70.9	9.0	7.9	6.2	51.0	49.3	37.9	4.7	4.4	3.3
Oklahoma	33.2	15.6	26.2	10.6	4.6	7.3	24.9	12.4	18.8	7.7	3.7	5.2
Oregon	25.3	26.0	29.4	8.9	7.8	7.8	15.9	16.7	14.8	5.5	5.0	4.0
Pennsylvania	84.9	73.2	71.1	7.1	6.1	5.7	40.1	37.9	35.3	3.3	3.2	2.8
Rhode Island	8.1	8.0	6.8	8.1	8.0	6.4	3.8	3.1	3.0	3.7	3.1	2.8
South Carolina	55.8	42.7	31.4	15.9	10.9	7.1	16.1	14.4	14.4	4.5	3.7	3.3
South Dakota	7.7	7.1	6.2	11.1	9.6	7.7	2.6	2.7	2.4	3.7	3.6	3.1
Tennessee	68.0	88.2	65.6	13.9	15.9	10.6	32.3	33.8	29.9	6.5	6.1	4.9
Texas	178.6	196.4	179.9	10.5	9.6	7.5	94.0	85.2	79.5	5.5	4.2	3.3
Utah	19.4	24.1	22.6	11.2	11.1	8.6	8.8	9.7	8.9	5.1	4.5	3.4
Vermont	6.1	6.1	5.3	10.9	10.2	8.6	2.6	5.1	2.4	4.5	8.6	3.8
Virginia	71.0	62.4	58.0	11.4	9.0	7.5	27.3	30.2	29.5	4.4	4.3	3.8
Washington	46.6	40.9	41.8	9.5	7.0	6.5	28.8	27.2	28.9	5.9	4.7	4.5
West Virginia	13.0	15.7	13.0	7.2	8.7	7.2	9.7	9.3	9.0	5.3	5.2	5.0
Wisconsin	38.9	36.1	32.2	7.9	6.8	5.8	17.8	17.6	16.1	3.6	3.3	2.9
Wyoming	4.9	4.9	4.8	10.7	10.3	9.3	3.1	2.8	2.9	6.6	5.9	5.5

NA Not available. <sup>1</sup> Data are counts of marriages performed, except as noted. <sup>2</sup> Based on total population residing in area; population enumerated as of April 1 for 1990 and 2000; estimated as of July 1 for all other years. <sup>3</sup> Includes annulments.

<sup>4</sup> U.S. total for the number of divorces is an estimate which includes states not reporting. Beginning 2000, divorce rates based solely on the combined counts and populations for reporting states and the District of Columbia. The collection of detailed data of marriages and divorces was suspended in January 1996. <sup>5</sup> Some figures for marriages are marriage licenses issued.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births, Marriages, Divorces, and Deaths: Provisional Data for 2007*, Vol. 56, No. 21, July 14, 2008 and prior reports.