

Vital Statistics

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, and in the *National Vital Statistics Reports* (formerly *Monthly Vital Statistics Report*). Reports in this field are also issued by the various state bureaus of vital statistics. Data on fertility, on age of persons at first marriage, 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 *Family Planning Perspectives*.

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. The civil laws of every state provide for a continuous and permanent birth- and death-registration system. Many states also provide for marriage- and divorce-registration systems. 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, of New York City, and of the District of Columbia. The annual collection of death statistics on a national basis began in 1900 with a national death-registration area of 10 states and the District of Columbia; a similar annual collection of birth statistics for a national birth-registration area began in 1915, also with 10 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 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 ninth revision of the ICD was employed beginning in 1979. 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 eighth and ninth revisions of the ICD, see *Monthly Vital Statistics Report* (renamed, *National Vital Statistics Report*), Vol. 28, No. 11, supplement.

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 which 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 the technical appendix in *Vital Statistics of the United States*.

Marriage and divorce—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887-88 when the National Office of Vital Statistics prepared estimates for the years 1867-86. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that office. In 1957 and 1958, respectively, the same office 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, it 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.

Vital statistics rates—Except as noted, vital statistics rates computed by NCHS are based on decennial census population figures as of April 1 for 1940, 1950, 1960, 1970, 1980, and 1990; and on mid-year 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, Eskimo, or Aleut, or (4) Asian or Pacific Islander.

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 maybe of any race. In 1994, 91 percent of women of Hispanic origin were reported as White.

No. 68. Live Births, Deaths, Marriages, and Divorces: 1950 to 1999

[3,632 represents 3,632,000. Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to and deaths of non-residents of the United States. See Appendix III]

Year	Number (1,000)					Rate per 1,000 population				
	Deaths					Deaths				
	Births ¹	Total	Infant ²	Marriages ³	Divorces ⁴	Births ¹	Total	Infant ²	Marriages ³	Divorces ⁴
1950	3,632	1,452	104	1,667	385	24.1	9.6	29.2	11.1	2.6
1955	4,097	1,529	107	1,531	377	25.0	9.3	26.4	9.3	2.3
1957	4,300	1,633	112	1,518	381	25.3	9.6	26.3	8.9	2.2
1960	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
1965	3,760	1,828	93	1,800	479	19.4	9.4	24.7	9.3	2.5
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	16.3	8.6	8.9	9.4	4.7
1992	4,065	2,176	35	2,362	1,215	15.9	8.5	8.5	9.3	4.8
1993	4,000	2,269	33	2,334	1,187	15.5	8.8	8.4	9.0	4.6
1994	3,979	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	973	14.8	8.8	7.6	7.6	4.1
1996	3,891	2,315	28	2,344	1,150	14.7	8.7	7.3	8.8	4.3
1997	3,881	2,314	28	(NA)	(NA)	14.5	8.6	7.2	(NA)	(NA)
1998	3,942	2,337	28	(NA)	(NA)	14.6	8.7	7.2	(NA)	(NA)
1999	3,959	(NA)	(NA)	(NA)	(NA)	14.5	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Prior to 1960, data adjusted for underregistration. ² Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. ³ 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. ⁴ Includes reported annulments and some estimated state figures for all years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistics Report*); and unpublished data.

No. 69. Live Births by Race and Type of Hispanic Origin—Selected Characteristics: 1990 and 1999

[4,158 represents 4,158,000. Represents registered births. Excludes births to nonresidents of the United States. Data are based on Hispanic origin of mother and race of mother. Hispanic origin data are available from only 48 states and the District of Columbia in 1990]

Race and Hispanic origin	Number of births (1,000)		Births to teenage mothers, percent of total		Births to unmarried mothers, percent of total		Prenatal care beginning first trimester		Late or no prenatal care		Percent of births with low birth weight ¹	
	1990	1999	1990	1999	1990	1999	1990	1999	1990	1999	1990	1999
	Total	4,158	3,959	12.8	12.3	26.6	33.0	74.2	83.2	6.0	3.8	7.0
White	3,290	3,133	10.9	10.9	16.9	26.8	77.7	85.1	4.9	3.2	5.7	6.6
Black	684	606	23.1	20.7	66.7	68.9	60.7	74.1	10.9	6.6	13.3	13.1
American Indian, Eskimo, Aleut	39	40	19.5	20.2	53.6	58.9	57.9	69.5	12.9	8.2	6.1	7.1
Asian and Pacific Islander ²	142	181	5.7	5.1	(NA)	15.4	(NA)	83.7	(NA)	3.5	(NA)	7.4
Filipino	26	31	6.1	5.9	15.9	21.1	77.1	84.2	4.5	2.8	7.3	8.3
Chinese	23	29	1.2	0.9	5.0	6.9	81.3	88.5	3.4	2.0	4.7	5.2
Japanese	9	9	2.9	2.1	9.6	9.9	87.0	90.7	2.9	2.1	6.2	7.9
Hawaiian	6	6	18.4	18.2	45.0	50.4	65.8	79.6	8.7	4.0	7.2	7.7
Hispanic origin ³	595	764	16.8	16.7	36.7	42.2	60.2	74.4	12.0	6.3	6.1	6.4
Mexican	386	541	17.7	17.4	33.3	40.1	57.8	73.1	13.2	6.7	5.5	5.9
Puerto Rico	59	57	21.7	21.1	55.9	59.6	63.5	77.7	10.6	5.0	9.0	9.3
Cuban	11	13	7.7	7.7	18.2	26.4	84.8	91.4	2.8	1.4	5.7	6.8
Central and South American	83	103	9.0	10.0	41.2	43.7	61.5	77.6	10.9	5.2	5.8	6.4
Other and unknown Hispanic	56	50	(NA)	19.5	(NA)	45.8	(NA)	74.8	(NA)	6.3	(NA)	7.6

NA Not available. ¹ Births less than 2,500 grams (5 lb.-8 oz.). ² Includes other races not shown separately. ³ Hispanic persons may be of any race. Includes other types, not shown separately.

Source: U.S. National Center for Health Statistics; *Vital Statistics of the United States*, annual; *National Vital Statistics Report (NVSR)* (formerly *Monthly Vital Statistics Report*); and unpublished data.

No. 70. Births and Birth Rates by Race, Sex, and Age: 1980 to 1999

[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	1985	1990	1992	1993	1994	1995	1996	1997	1998	1999
Live births¹	3,612	3,761	4,158	4,065	4,000	3,953	3,900	3,891	3,881	3,942	3,959
White	2,936	3,038	3,290	3,202	3,150	3,121	3,099	3,093	3,073	3,119	3,133
Black	568	582	684	674	659	636	603	595	600	610	606
American Indian	29	34	39	39	39	38	37	38	39	40	40
Asian or Pacific Islander	74	105	142	150	153	158	160	166	170	173	181
Male	1,853	1,928	2,129	2,082	2,049	2,023	1,996	1,990	(NA)	2,016	2,027
Female	1,760	1,833	2,029	1,983	1,951	1,930	1,903	1,901	(NA)	1,925	1,933
Males per 100 females	105	105	105	105	105	105	105	105	(NA)	105	105
Age of mother:											
Under 20 years old	562	478	533	518	514	518	512	503	500	485	476
20 to 24 years old	1,226	1,141	1,094	1,070	1,038	1,001	966	945	946	965	982
25 to 29 years old	1,108	1,201	1,277	1,179	1,129	1,089	1,064	1,071	1,075	1,083	1,078
30 to 34 years old	550	696	886	895	901	906	905	898	888	889	892
35 to 39 years old	141	214	318	345	357	372	384	400	408	425	434
40 to 44 years old	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	81	83
45 to 49 years old	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	4
Birth rate per 1,000 population	15.9	15.8	16.7	15.9	15.5	15.2	14.8	14.7	14.5	14.6	14.5
White	15.1	15.0	15.8	15.0	14.7	14.4	14.2	14.1	13.9	14.0	13.9
Black	21.3	20.4	22.4	21.3	20.5	19.5	18.2	17.8	17.7	17.7	17.4
American Indian	20.7	19.8	18.9	18.4	17.8	17.1	16.6	16.6	16.6	17.1	16.8
Asian or Pacific Islander	19.9	18.7	19.0	18.0	17.7	17.5	17.3	17.0	16.9	16.4	16.7
Male	16.8	16.7	17.6	16.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Female	15.1	15.0	15.9	15.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Plural birth ratio ²	19.3	21.0	23.3	24.4	25.2	25.7	26.1	27.4	28.6	30.0	30.7
White	18.5	20.4	22.9	24.0	24.9	25.5	26.0	27.5	28.7	30.2	30.9
Black	24.1	25.3	27.0	28.2	28.7	29.4	28.8	29.8	30.9	32.0	32.9
Fertility rate per 1,000 women³	68.4	66.2	70.9	68.9	67.6	66.7	65.6	65.3	65.0	65.6	65.9
White	64.8	64.1	68.3	66.5	65.4	64.9	64.4	64.3	63.9	64.6	65.1
Black	84.7	78.8	86.8	83.2	80.5	76.9	72.3	70.7	70.7	71.0	70.1
American Indian	82.7	78.6	76.2	75.4	73.4	70.9	69.1	68.7	69.1	70.7	69.7
Asian or Pacific Islander	73.2	68.4	69.6	67.2	66.7	66.8	66.4	65.9	66.3	64.0	65.6
Age of mother:											
10 to 14 years old	1.1	1.2	1.4	1.4	1.4	1.4	1.3	1.2	1.1	1.0	0.9
15 to 19 years old	53.0	51.0	59.9	60.7	59.6	58.9	56.8	54.4	52.3	51.1	49.6
20 to 24 years old	115.1	108.3	116.5	114.6	112.6	111.1	109.8	110.4	110.4	111.2	111.0
25 to 29 years old	112.9	111.0	120.2	117.4	115.5	113.9	111.2	113.1	113.8	115.9	117.8
30 to 34 years old	61.9	69.1	80.8	80.2	80.8	81.5	82.5	83.9	85.3	87.4	89.6
35 to 39 years old	19.8	24.0	31.7	32.5	32.9	33.7	34.3	35.3	36.1	37.4	38.3
40 to 44 years old	3.9	4.0	5.5	5.9	6.1	6.4	6.6	6.8	7.1	7.3	7.4
45 to 49 years old	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4

NA Not available. ¹ Includes other races not shown separately. ² Number of multiple births per 1,000 live births. ³ Per 1,000 women, 15 to 44 years old in specified group. The rate for age of mother 45 to 49 years old computed by relating births to mothers 45 years old and over to women 45 to 49 years old.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *National Vital Statistics Report (NVSR)* (formerly *Monthly Vital Statistics Report*); and unpublished data.

No. 71. Teenagers—Births and Birth Rates by Race and Sex: 1990 to 1999

[Birth rates per 1,000 women in specified group, see text, this section]

Item	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
NUMBER OF BIRTHS										
All races, total¹	521,826	519,577	505,415	501,093	505,488	499,873	494,272	489,211	484,975	476,050
15-17 years	183,327	188,226	187,549	190,535	195,169	192,508	186,762	183,324	173,252	163,588
18-19 years	338,499	331,351	317,866	310,558	310,319	307,365	307,509	305,886	311,724	312,462
White	354,482	352,359	342,739	341,817	348,081	349,635	346,509	342,029	340,894	337,888
15-17 years	114,934	118,809	118,786	121,309	126,388	127,165	124,031	121,864	116,699	111,624
18-19 years	239,548	233,550	223,953	220,508	221,693	222,470	222,477	220,164	224,195	226,264
Black	151,613	150,956	146,800	143,153	140,962	133,694	131,059	130,401	126,865	121,166
15-17 years	62,881	63,571	63,002	63,156	62,563	59,112	56,218	54,883	50,062	45,919
18-19 years	88,732	87,385	83,798	79,997	78,405	74,582	74,841	75,518	76,803	75,247
BIRTH RATE										
All races, total¹	59.9	62.1	60.7	59.6	58.9	56.8	54.7	52.3	51.1	49.6
15-17 years	37.5	38.7	37.8	37.8	37.6	36.0	33.8	32.1	30.4	28.7
18-19 years	88.6	94.4	94.5	92.1	91.5	89.1	86.5	83.6	82.0	80.3
White	50.8	52.8	51.8	51.1	51.1	50.1	48.4	46.3	45.4	44.6
15-17 years	29.5	30.7	30.1	30.3	30.7	30.0	28.6	27.1	25.9	24.8
18-19 years	78.0	83.5	83.8	82.1	82.1	81.2	78.8	75.9	74.6	73.5
Black	112.8	115.5	112.4	108.6	104.5	96.1	91.7	88.2	85.4	81.0
15-17 years	82.3	84.1	81.3	79.8	76.3	69.7	64.9	60.8	56.8	52.0
18-19 years	152.9	158.6	157.9	151.9	148.3	137.1	133.0	130.1	126.9	122.8

¹ Includes races other than White and Black.

Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Report*, Vol. 49, No. 1, Supplement.

No. 72. Live Births by State: 1999

[Number of births, except rate. Registered births. Excludes births to nonresidents of the United States. By race of mother. See Appendix III]

State	White			Black			Birth rate ³	Fertility rate ⁴
	All races ¹	Total	Non-Hispanic	Total	Non-Hispanic	Hispanic ²		
United States . . .	3,959,417	3,132,501	2,346,450	605,970	588,981	764,339	14.5	65.9
Alabama	62,122	41,747	40,190	19,753	19,719	1,588	14.2	63.3
Alaska	9,950	6,565	6,066	441	427	594	16.1	74.3
Arizona	81,145	70,946	38,853	2,729	2,600	32,011	17.0	81.1
Arkansas	36,729	28,421	26,448	7,680	7,666	1,968	14.4	67.7
California	518,508	421,541	172,336	35,403	34,250	249,364	15.6	69.5
Colorado	62,167	56,711	40,705	2,899	2,793	16,282	15.3	69.8
Connecticut	43,310	36,277	28,226	5,383	4,993	6,323	13.2	61.9
Delaware	10,676	7,696	6,863	2,671	2,643	857	14.2	61.7
Dist. of Columbia	7,522	2,200	1,411	5,167	5,116	790	14.5	60.0
Florida	197,023	146,696	106,383	45,078	44,083	41,484	13.0	65.1
Georgia	126,717	81,297	70,016	42,133	41,532	10,557	16.3	68.8
Hawaii	17,038	3,999	3,340	460	425	2,210	14.4	68.7
Idaho	19,872	19,212	16,810	78	74	2,356	15.9	73.2
Illinois	182,068	140,267	103,430	34,239	34,023	36,959	15.0	68.0
Indiana	86,031	75,534	70,896	9,300	9,262	4,365	14.5	65.2
Iowa	37,558	35,363	33,261	1,164	1,116	1,844	13.1	62.3
Kansas	38,782	34,611	30,030	2,855	2,823	4,272	14.6	67.5
Kentucky	54,403	48,791	47,837	4,977	4,948	951	13.7	61.5
Louisiana	67,136	38,587	36,936	27,267	27,036	1,538	15.4	67.7
Maine	13,616	13,242	12,449	106	86	135	10.9	49.4
Maryland	71,967	44,385	40,400	24,260	24,048	4,088	13.9	60.4
Massachusetts	80,939	67,328	60,744	8,168	6,548	8,797	13.1	58.5
Michigan	133,607	105,354	91,860	24,044	23,692	6,230	13.5	60.7
Minnesota	65,970	57,518	50,952	4,016	3,921	3,316	13.8	62.6
Mississippi	42,684	22,665	22,171	19,406	19,398	451	15.4	67.9
Missouri	75,432	62,592	60,350	11,273	11,231	2,260	13.8	63.0
Montana	10,785	9,376	8,954	35	32	318	12.2	59.8
Nebraska	23,907	21,685	18,851	1,268	1,257	2,293	14.3	66.6
Nevada	29,362	25,036	15,575	2,194	2,117	9,268	16.2	78.3
New Hampshire	14,041	13,628	12,753	139	121	357	11.7	50.8
New Jersey	114,105	84,444	64,762	21,133	19,151	21,313	14.0	64.5
New Mexico	27,191	22,864	9,168	497	465	13,827	15.6	72.2
New York	255,612	183,874	124,484	53,381	47,512	53,004	14.0	63.6
North Carolina	113,795	81,236	71,496	28,428	28,286	9,871	14.9	67.6
North Dakota	7,639	6,743	6,463	87	84	121	12.1	57.3
Ohio	152,584	127,733	124,221	22,087	21,572	3,422	13.6	61.4
Oklahoma	49,010	38,684	34,159	4,629	4,466	3,919	14.6	68.9
Oregon	45,204	41,417	34,247	904	878	6,904	13.6	64.8
Pennsylvania	145,347	121,104	113,655	20,363	20,000	7,161	12.1	57.4
Rhode Island	12,366	10,787	7,362	984	856	1,893	12.5	57.2
South Carolina	54,948	34,985	33,315	19,069	19,030	1,720	14.1	62.1
South Dakota	10,524	8,671	8,505	89	88	179	14.4	67.7
Tennessee	77,803	60,004	57,589	16,498	16,471	2,432	14.2	63.5
Texas	349,245	298,081	139,861	40,097	39,515	157,736	17.4	77.6
Utah	46,290	44,040	38,551	265	254	5,425	21.7	93.1
Vermont	6,567	6,473	6,297	40	35	40	11.1	49.2
Virginia	95,469	68,509	62,054	22,173	22,034	6,520	13.9	59.6
Washington	79,586	68,273	55,433	3,331	3,043	10,359	13.8	62.1
West Virginia	20,728	19,799	19,679	752	746	96	11.5	54.7
Wisconsin	68,208	58,770	54,828	6,505	6,446	4,041	13.0	59.3
Wyoming	6,129	5,740	5,225	72	69	530	12.8	60.8

¹ Includes other races not shown separately. ² Persons of Hispanic origin may be of any race. Births by Hispanic origin of mother. ³ Per 1,000 estimated population. ⁴ Per 1,000 women aged 15-44 years estimated.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistics Report*, Vol. 48, No. 3).

No. 73. Total Fertility Rate and Intrinsic Rate of Natural Increase: 1960 to 1999

[Based on race of child and registered births only, thru 1979. Beginning 1980, based on race of mother. Beginning 1970, 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). The *intrinsic rate of natural increase* is the rate that would eventually prevail if a population were to experience, at each year of age, the birth rates and death rates occurring in the specified year and if those rates remained unchanged over a long period of time. Minus sign (-) indicates decrease. See also Appendix III]

Annual average and year	Total fertility rate			Intrinsic rate of natural increase			Annual average and year	Total fertility rate			Intrinsic rate of natural increase		
	Total	White	Black and other	Total	White	Black and other		Total	White	Black and other	Total	White	Black and other
1960-64	3,449	3,326	4,326	18.6	17.1	27.7	1982	1,828	1,767	2,107	-5.2	-7.0	3.0
1965-69	2,622	2,512	3,362	8.2	6.4	18.6	1983	1,799	1,741	2,066	-5.8	-7.5	2.2
1970-74	2,094	1,997	2,680	-0.7	-2.5	9.1	1984	1,807	1,749	2,071	-5.6	-7.3	2.1
1975-79	1,774	1,685	2,270	-6.6	-8.5	3.0	1985	1,844	1,787	2,109	-4.8	-6.5	2.7
1980-84	1,819	1,731	2,262	-5.4	-7.3	3.0	1986	1,838	1,776	2,136	-4.9	-6.7	2.8
1985-88	1,870	1,769	2,339	-4.2	-6.3	4.3	1987	1,872	1,805	2,198	-4.1	-6.1	4.0
							1988	1,934	1,857	2,298	-2.9	-5.1	5.7
1970	2,480	2,385	3,067	6.0	4.5	14.4	1989	2,014	1,931	2,433	-1.4	-3.6	7.4
1971	2,267	2,161	2,920	2.6	0.8	12.6	1990	2,081	2,003	2,480	-0.1	-2.3	8.3
1972	2,010	1,907	2,628	-2.0	-3.9	8.6	1991	2,073	1,996	2,480	-0.2	-2.4	8.2
1973	1,879	1,783	2,443	-4.5	-6.5	5.7	1992	2,065	1,994	2,442	-0.4	-2.5	7.5
1974	1,835	1,749	2,339	-5.4	-7.2	4.0	1993	2,046	1,982	2,385	-0.7	-1.9	3.7
1975	1,774	1,686	2,276	-6.7	-8.6	3.0	1994	2,036	1,985	2,300	(NA)	(NA)	(NA)
1976	1,738	1,652	2,223	-7.4	-9.3	2.1	1995	2,019	1,989	2,175	(NA)	(NA)	(NA)
1977	1,790	1,703	2,279	-6.2	-8.1	3.2	1996	2,040	2,019	2,149	(NA)	(NA)	(NA)
1978	1,760	1,668	2,265	-6.8	-8.8	2.9	1997	2,040	2,017	2,158	(NA)	(NA)	(NA)
1979	1,808	1,716	2,310	-5.7	-7.7	3.8	1998	2,058	2,041	2,171	(NA)	(NA)	(NA)
1980	1,840	1,773	2,177	-5.1	-7.0	4.0	1999	2,075	2,065	2,147	(NA)	(NA)	(NA)
1981	1,812	1,748	2,118	-5.6	-7.4	3.0							

NA Not available. ¹ Data for 1984 and earlier includes races other than Black.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 74. Projected Fertility Rates by Race, Origin, and Age Group: 2000 and 2010

[For definition of total fertility rate, see headnote, Table 73. Birth rates represent live births per 1,000 women in age group indicated. Projections are based on middle fertility assumptions. For explanations of methodology, see text, Section 1, Population]

Age group	All races ¹		White		Black		American Indian, Eskimo, Aleut		Asian and Pacific Islander		Hispanic ²	
	2000	2010	2000	2010	2000	2010	2000	2010	2000	2010	2000	2010
Total fertility rate	2,055	2,123	2,019	2,098	2,124	2,140	2,503	2,451	2,275	2,252	2,911	2,818
Birth rates:												
10 to 14 years old	1.2	1.3	0.8	0.9	3.4	3.5	2.0	2.0	0.7	0.7	2.4	2.3
15 to 19 years old	56.5	60.2	50.0	54.3	93.5	95.6	94.0	93.6	30.0	29.6	99.4	95.7
20 to 24 years old	112.5	115.8	108.4	112.6	136.2	137.1	163.6	159.6	84.5	83.7	181.1	175.2
25 to 29 years old	112.7	115.7	114.8	118.5	94.2	95.5	120.6	118.6	136.6	134.5	151.6	146.7
30 to 34 years old	85.1	87.8	86.8	90.0	62.3	63.4	78.2	77.3	129.8	128.2	94.3	91.6
35 to 39 years old	35.5	36.7	35.4	36.6	28.9	28.9	34.1	33.7	60.3	59.0	43.5	41.9
40 to 44 years old	6.9	7.3	6.8	7.1	6.1	6.0	7.4	7.4	13.9	13.8	10.5	9.9
45 to 49 years old	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.9	0.9	0.6	0.6

¹ Includes other races not shown separately. ² Persons of Hispanic origin may be of any race.

Source: U.S. Census Bureau, Population Division Working Paper No. 38.

No. 75. Birth Rates by Live-Birth Order and Race: 1980 to 1999

[Births per 1,000 women 15 to 44 years old in specified racial group. Live-birth order refers to number of children born alive. Figures for births of order not stated are distributed. See also headnote, Table 70]

Live-birth order	All races ¹					White					Black				
	1980	1990	1995	1998	1999	1980	1990	1995	1998	1999	1980	1990	1995	1998	1999
Total	68.4	70.9	65.6	65.6	65.9	65.6	68.3	64.4	64.6	65.1	84.9	86.8	72.3	71.0	70.1
First birth	29.5	29.0	27.3	26.4	26.6	28.8	28.4	26.9	26.1	26.4	33.7	32.4	28.7	27.0	26.5
Second birth	21.8	22.8	21.1	21.4	21.5	21.3	22.4	21.1	21.5	21.6	24.7	25.6	20.7	21.1	20.9
Third birth	10.3	11.7	10.5	10.8	10.9	9.6	11.1	10.3	10.7	10.8	14.0	15.6	12.0	12.3	12.4
Fourth birth	3.9	4.5	4.0	4.2	4.2	3.4	4.0	3.8	3.9	4.0	6.5	7.4	5.7	5.7	5.7
Fifth birth	1.5	1.7	1.5	1.5	1.5	1.3	1.4	1.3	1.3	1.4	2.9	3.2	2.6	2.6	2.5
Sixth and seventh	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.8	0.8	2.1	2.0	1.8	1.7	1.7
Eighth and over	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.9	0.5	0.6	0.6	0.6

¹ Includes other races not shown separately. ² 1996 data represents "fourth child and over."

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistics Report*).

No. 76. Births to Teens, Unmarried Mothers, and Prenatal Care: 1990 to 1999

[In percent. Represents registered births. See headnote, Table 69]

Characteristics	1990	1994	1995	1996	1997	1998	1999
Percent of births to teenage mothers	12.8	13.1	13.1	12.9	12.7	12.5	12.3
White	10.9	11.3	11.5	11.3	11.2	11.1	10.9
Black	23.1	23.2	23.1	22.8	22.2	21.5	20.7
American Indian, Eskimo, Aleut	19.5	21.0	21.4	20.9	20.8	20.9	20.2
Asian and Pacific Islander ¹	5.7	5.7	5.6	5.3	5.2	5.4	5.1
Filipino	6.1	6.0	6.2	6.1	5.9	6.2	5.9
Chinese	1.2	1.0	0.9	0.9	0.9	0.9	0.9
Japanese	2.9	2.8	2.5	2.5	2.2	2.4	2.1
Hawaiian	18.4	19.6	19.1	18.4	18.6	18.8	18.2
Other	(NA)	6.4	6.3	5.8	5.7	5.8	5.5
Hispanic origin ²	16.8	17.8	17.9	17.4	17.0	16.9	16.7
Mexican	17.7	18.6	18.8	18.1	17.7	17.5	17.4
Puerto Rican	21.7	23.2	23.5	23.1	22.3	21.9	21.1
Cuban	7.7	7.3	7.7	7.6	7.4	6.9	7.7
Central and South American	9.0	10.4	10.6	10.5	10.5	10.3	10.0
Other and unknown Hispanic	(NA)	20.8	20.1	19.8	19.8	20.2	19.5
Percent births to unmarried mothers	26.6	32.6	32.2	32.4	32.4	32.8	33.0
White	16.9	25.4	25.3	25.7	25.8	26.3	26.8
Black	66.7	70.4	69.9	69.8	69.2	69.1	68.9
American Indian, Eskimo, Aleut	53.6	57.0	57.2	58.0	58.7	59.3	58.9
Asian and Pacific Islander ¹	(NA)	16.2	16.3	16.7	15.6	15.6	15.4
Filipino	15.9	18.5	19.5	19.4	19.5	19.7	21.1
Chinese	5.0	7.2	7.9	9.2	6.5	6.4	6.9
Japanese	9.6	11.2	10.8	11.4	10.1	9.7	9.9
Hawaiian	45.0	48.6	49.0	49.9	49.1	51.1	50.4
Hispanic origin ²	36.7	43.1	40.8	40.7	40.9	41.6	42.2
Mexican	33.3	40.8	38.1	37.9	38.9	39.6	40.1
Puerto Rican	55.9	60.2	60.0	60.7	59.4	59.5	59.6
Cuban	18.2	22.9	23.8	24.7	24.4	24.8	26.4
Central and South American	41.2	45.9	44.1	44.7	41.8	42.0	43.7
Percent of mothers beginning prenatal care 1st trimester	74.2	80.2	81.3	81.9	82.5	82.8	83.2
White	77.7	82.8	83.6	84.0	84.7	84.8	85.1
Black	60.7	68.3	70.4	71.4	72.3	73.3	74.1
American Indian, Eskimo, Aleut	57.9	65.2	66.7	67.7	68.1	68.8	69.5
Asian and Pacific Islander ¹	(NA)	79.7	79.9	81.2	82.1	83.1	83.7
Filipino	77.1	81.3	80.9	82.5	83.3	84.2	84.2
Chinese	81.3	86.2	85.7	86.8	87.4	88.5	88.5
Japanese	87.0	89.2	89.7	89.3	89.3	90.2	90.7
Hawaiian	65.8	77.0	75.9	78.5	78.0	78.8	79.6
Hispanic origin ²	60.2	68.9	70.8	72.2	73.7	74.3	74.4
Mexican	57.8	67.3	69.1	70.7	72.1	72.8	73.1
Puerto Rican	63.5	71.7	74.0	75.0	76.5	76.9	77.7
Cuban	84.8	90.1	89.2	89.2	90.4	91.8	91.4
Central and South American	61.5	71.2	73.2	75.0	76.9	78.0	77.6
Percent of mothers beginning prenatal care 3d trimester or no care	6.0	4.4	4.2	4.0	3.9	3.9	3.8
White	4.9	3.6	3.5	3.3	3.2	3.3	3.2
Black	10.9	8.2	7.6	7.3	7.3	7.0	6.6
American Indian, Eskimo, Aleut	12.9	9.8	9.5	8.6	8.6	8.5	8.2
Asian and Pacific Islander ¹	(NA)	4.1	4.3	3.9	3.8	3.6	3.5
Filipino	4.5	3.6	4.1	3.3	3.3	3.1	2.8
Chinese	3.4	2.7	3.0	2.5	2.4	2.2	2.0
Japanese	2.9	1.9	2.3	2.2	2.7	2.1	2.1
Hawaiian	8.7	4.7	5.1	5.0	5.4	4.7	4.0
Hispanic origin ²	12.0	7.6	7.4	6.7	6.2	6.3	6.3
Mexican	13.2	8.3	8.1	7.2	6.7	6.8	6.7
Puerto Rican	10.6	6.5	5.5	5.7	5.4	5.1	5.0
Cuban	2.8	1.6	2.1	1.6	1.5	1.2	1.4
Central and South American	10.9	6.5	6.1	5.5	5.0	4.9	5.2
Percent of births with low birth weight³	7.0	7.3	7.3	7.4	7.5	7.6	7.6
White	5.7	6.1	6.2	6.3	6.5	6.5	6.6
Black	13.3	13.2	13.1	13.0	13.0	13.0	13.1
American Indian, Eskimo, Aleut	6.1	6.4	6.6	6.5	6.8	6.8	7.1
Asian and Pacific Islander ¹	(NA)	6.8	6.9	7.1	7.2	7.4	7.4
Filipino	7.3	7.8	7.8	7.9	8.3	8.2	8.3
Chinese	4.7	4.8	5.3	5.0	5.1	5.3	5.2
Japanese	6.2	6.9	7.3	7.3	6.8	7.5	7.9
Hawaiian	7.2	7.2	6.8	6.8	7.2	7.2	7.7
Hispanic origin ²	6.1	6.2	6.3	7.4	6.4	6.4	6.4
Mexican	5.5	5.8	5.8	5.9	6.0	6.0	5.9
Puerto Rican	9.0	9.1	9.4	9.2	9.4	9.7	9.3
Cuban	5.7	6.3	6.5	6.5	6.8	6.5	6.8
Central and South American	5.8	6.0	6.2	6.0	6.3	6.5	6.4

NA Not available. ¹ Includes other races not shown separately. ² Hispanic persons may be of any race. Includes other types, not shown separately. ³ Births less than 2,500 grams (5 lb.-8 oz.).

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistics Report*).

No. 77. Births to Unmarried Women by Race of Child and Age of Mother: 1990 to 1999

[Excludes births to nonresidents of United States. 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. See also Appendix III]

Race of child and age of mother	1990	1995	1997	1998	1999	Race of child and age of mother	1990	1995	1997	1998	1999
NUMBER (1,000)											
Total ¹	1,165	1,254	1,257	1,294	1,308	30 to 34 years	10.1	10.6	9.9	9.6	9.5
White	647	785	793	821	840	35 to 39 years	(NA)	(NA)	4.8	4.7	4.8
Black	473	421	415	421	417	40 years and over	(NA)	(NA)	1.1	1.1	1.1
Under 15 years	11	11	10	9	9	AS PERCENT OF ALL BIRTHS IN RACIAL GROUPS					
15 to 19 years	350	376	376	381	374	Total	28.0	32.2	32.4	32.8	33.0
20 to 24 years	404	432	439	460	476	White	20.1	25.3	25.8	26.3	26.8
25 to 29 years	230	229	235	243	247	Black	65.2	69.9	69.2	69.1	68.9
30 to 34 years	118	133	125	125	125	BIRTH RATE ²					
35 to 39 years	(NA)	(NA)	60	61	63	Total ^{1 3}	43.8	45.1	44.0	44.3	44.4
40 years and over	(NA)	(NA)	14	14	14	White ³	31.8	37.5	37.0	37.5	38.1
PERCENT DISTRIBUTION ¹						Black ³	93.9	75.9	73.4	73.3	71.5
Total	100.0	100.0	100.0	100.0	100.0	15 to 19 years	42.5	44.4	42.2	41.5	40.4
White	55.6	62.6	63.1	63.5	64.1	20 to 24 years	65.1	70.3	71.0	72.3	72.9
Black	40.6	33.6	33.0	32.6	31.9	25 to 29 years	56.0	56.1	56.2	58.4	60.2
Under 15 years	0.9	0.9	0.8	0.7	0.7	30 to 34 years	37.6	39.6	39.0	39.1	39.3
15 to 19 years	30.0	30.0	29.9	29.4	28.6	35 to 39 years	(NA)	(NA)	19.0	19.0	19.3
20 to 24 years	34.7	34.4	34.9	35.6	36.4	40 to 44 years	(NA)	(NA)	4.6	4.6	4.6
25 to 29 years	19.7	18.3	18.7	18.8	18.9						

NA Not available. ¹ Includes other races not shown separately. ² Rate per 1,000 unmarried women (never-married, widowed, and divorced) estimated as of July 1. ³ Covers women aged 15 to 44 years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistics Report*).

No. 78. Live Births by Plurality of Birth and Ratios and Race of Mother: 1994 to 1999

Plurality and race of mother	1994	1995	1996	1997	1998	1999
NUMBER						
Live births, total ¹	3,952,767	3,899,589	3,891,494	3,880,894	3,941,553	3,959,417
White	3,121,004	3,098,885	3,093,057	3,072,640	3,118,727	3,132,501
Black	636,391	603,139	594,781	599,913	609,902	605,970
Live births in single deliveries ¹	3,851,109	3,797,880	3,784,805	3,770,020	3,823,258	3,837,789
White	3,041,559	3,018,184	3,007,997	2,984,532	3,024,693	3,035,757
Black	617,689	585,787	577,057	581,394	590,372	586,027
Live births in twin deliveries ¹	97,064	96,736	100,750	104,137	110,670	114,307
White	75,318	76,196	79,677	82,090	87,163	90,191
Black	18,344	17,000	17,285	17,989	19,001	19,374
Live births in higher-order multiple ¹	4,594	4,973	5,939	6,737	7,625	7,321
White	4,127	4,505	5,383	6,018	6,871	6,553
Black	358	352	439	530	529	569
RATIO PER 1,000 LIVE BIRTHS						
All multiple births ¹	25.7	26.1	27.4	28.6	30.0	30.7
White	25.5	26.0	27.5	28.7	30.2	30.9
Black	29.4	28.8	29.8	30.9	32.0	32.9
Twin births ¹	24.6	24.8	25.9	26.8	28.1	28.9
White	24.1	24.6	25.8	26.7	27.9	28.8
Black	28.8	28.2	29.1	30.0	31.2	32.0
RATIO PER 100,000 LIVE BIRTHS						
Higher-order multiple births ¹	116.2	127.5	152.6	173.6	193.5	184.9
White	132.2	145.4	174.0	195.9	220.3	209.2
Black	56.3	58.4	73.8	88.3	86.7	93.9

¹ Includes races other than White and Black.

Source: U.S. National Center for Health Statistics, *Advance report of Final Natality Statistics*, and *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistics Report*).

No. 79. Low Birth Weight and Births to Teenage Mothers and to Unmarried Women—States: 1990 to 1999

[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. See Appendix III]

State	Percent of births with low birth weight ¹			Births to teenage mothers percent of total			Births to unmarried women percent of total		
	1990	1995	1999	1990	1995	1999	1990	1995	1999
U.S.	7.0	7.3	7.6	12.8	13.1	14.5	28.0	32.2	33.0
AL	8.4	9.0	9.3	18.2	18.5	14.2	30.1	34.5	33.3
AK	4.8	5.3	5.8	9.7	11.2	16.1	26.2	29.9	33.2
AZ	6.4	6.8	6.9	14.2	15.1	17.0	32.7	38.2	38.8
AR	8.2	8.2	8.6	19.7	19.6	14.4	29.4	32.9	35.2
CA	5.8	6.1	6.1	11.6	12.4	15.6	² 31.6	32.1	32.9
CO	8.0	8.4	8.3	11.3	12.1	15.3	21.2	24.9	25.4
CT	6.6	7.1	7.6	8.2	8.6	13.2	26.6	30.6	29.0
DE	7.6	8.4	8.6	11.9	13.2	14.2	29.0	34.9	38.8
DC	15.1	13.4	13.1	17.8	16.3	14.5	64.9	65.8	61.7
FL	7.4	7.7	8.2	13.9	13.7	13.0	31.7	35.8	37.5
GA	8.7	8.8	8.7	16.7	16.3	16.3	32.8	35.2	36.6
HI	7.1	7.0	7.6	10.5	10.1	14.4	24.8	29.2	32.8
ID	5.7	5.9	6.2	12.3	14.0	15.9	16.7	19.9	21.6
IL	7.6	7.9	8.0	13.1	12.9	15.0	31.7	33.8	34.1
IN	6.6	7.5	7.9	14.5	14.7	14.5	26.2	31.9	34.5
IA	5.4	6.0	6.2	10.2	11.0	13.1	21.0	25.2	27.5
KS	6.2	6.4	7.1	12.3	13.1	14.6	21.5	25.9	28.6
KY	7.1	7.6	8.2	17.5	17.2	13.7	23.6	28.5	30.4
LA	9.2	9.7	10.0	17.6	19.1	15.4	36.8	42.4	44.8
ME	5.1	6.1	6.0	10.8	10.3	10.9	22.6	27.8	31.3
MD	7.8	8.5	9.0	10.5	10.3	13.9	² 29.6	33.3	34.9
MA	5.9	6.3	7.1	8.0	7.5	13.1	24.7	25.6	26.5
MI	7.6	7.7	8.0	13.5	12.5	13.5	26.2	34.3	33.1
MN	5.1	5.9	6.1	8.0	8.4	13.8	20.9	23.9	25.9
MS	9.6	9.8	10.3	21.3	22.2	15.4	40.5	45.3	45.9
MO	7.1	7.6	7.7	14.4	14.4	13.8	28.6	32.1	34.1
MT	6.2	5.8	6.8	11.5	12.6	12.2	² 23.7	26.5	30.0
NE	5.3	6.3	6.7	9.8	10.0	14.3	20.7	24.3	25.9
NV	7.2	7.4	7.6	12.6	13.7	16.2	² 25.4	42.0	35.7
NH	4.9	5.5	6.2	7.2	7.6	11.7	16.9	22.2	24.2
NJ	7.0	7.6	8.2	8.4	8.2	14.0	24.3	27.6	28.5
NM	7.4	7.5	7.7	16.3	18.4	15.6	35.4	42.6	45.1
NY	7.6	7.6	7.8	9.1	9.3	14.0	² 33.0	37.9	36.6
NC	8.0	8.7	8.9	16.2	15.2	14.9	29.4	31.4	33.2
ND	5.5	5.3	6.2	8.6	9.6	12.1	18.4	23.5	27.5
OH	7.1	7.6	7.9	13.8	13.7	13.6	² 28.9	33.0	34.1
OK	6.6	7.0	7.4	16.2	17.1	14.6	25.2	30.5	33.2
OR	5.0	5.5	5.4	12.0	13.0	13.6	25.7	28.9	30.4
PA	7.1	7.4	7.9	10.9	10.8	12.1	28.6	32.4	32.9
RI	6.2	6.8	7.3	10.5	10.1	12.5	26.3	31.1	34.3
SC	8.7	9.3	9.8	17.1	17.3	14.1	32.7	37.4	39.0
SD	5.1	5.6	5.9	10.8	11.4	14.4	22.9	28.0	31.8
TN	8.2	8.7	9.2	17.6	16.9	14.2	30.2	33.1	34.7
TX	6.9	7.1	7.4	15.6	16.6	17.4	² 17.5	30.0	31.3
UT	5.7	6.3	6.8	10.3	10.8	21.7	13.5	15.7	16.7
VT	5.3	5.4	5.7	8.5	8.2	11.1	20.1	24.9	28.9
VA	7.2	7.7	7.8	11.7	11.4	13.9	26.0	29.3	29.7
WA	5.3	5.5	5.8	10.8	11.5	13.8	23.7	26.7	28.1
WV	7.1	7.9	8.0	17.8	17.2	11.5	25.4	30.5	31.7
WI	5.9	6.0	6.7	10.2	10.5	13.0	24.2	27.4	29.2
WY	7.4	7.4	8.4	13.6	15.2	12.8	19.8	26.4	29.0
Puerto Rico	(NA)	(NA)	11.4	(NA)	(NA)	15.3	(NA)	(NA)	(NA)
Virgin Islands	(NA)	(NA)	10.1	(NA)	(NA)	14.0	(NA)	(NA)	(NA)
Guam	(NA)	(NA)	7.8	(NA)	(NA)	26.5	(NA)	(NA)	(NA)
American Samoa	(NA)	(NA)	3.6	(NA)	(NA)	27.2	(NA)	(NA)	(NA)
Northern Marianas	(NA)	(NA)	8.2	(NA)	(NA)	20.0	(NA)	(NA)	(NA)

NA Not available. ¹ Less than 2,500 grams (5 pounds-8 ounces). ² Marital status of mother is inferred.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Reports (NVSRR)* (formerly *Monthly Vital Statistics Report*).

No. 80. Live Births by Place of Delivery, Median and Low Birth Weight, and Prenatal Care: 1990 to 1999

[Represents registered births. Excludes births to nonresidents of the United States. For total number of births, see Table 70. See Appendix III]

Item	1990	1992	1993	1994	1995	1996	1997	1999
Births attended (1,000):								
In hospital ¹	4,110	4,022	3,959	3,912	3,861	3,891	3,881	3,923
By physician, not in hospital	14	10	8	7	6	6	5	5
By midwife and other, not in hospital ²	21	21	20	21	21	20	20	21
Median birth weight ³	7 lb.-7 oz.	7 lb.-7 oz.	7 lb.-7 oz.	(NA)	(NA)	7 lb.-7 oz.	7 lb.-7 oz.	(NA)
Percent of births with low birth weight	7.0	7.1	7.2	7.3	7.3	7.4	7.5	7.6
White	5.7	5.8	6.0	6.1	6.2	6.3	6.5	6.6
Black	13.3	13.3	13.3	13.2	13.1	13.0	13.0	13.1
Percent of births by period in which prenatal care began:								
1st trimester	74.2	77.7	78.9	80.2	81.3	81.9	82.5	83.2
3d trimester or no prenatal care	6.0	5.2	4.8	4.4	4.2	4.0	3.9	3.8

NA Not available. ¹ Includes all births in hospitals or institutions and in clinics. ² Includes births with attendant not specified. ³ Median birth weight based on race of mother; prior to 1990, based on race of child.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *National Vital Statistics Reports* (formerly Monthly Vital Statistics Report), and unpublished data.

No. 81. Cesarean Section Deliveries by Age of Mother: 1990 to 1999

[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]

Age of mother	1990	1995	1999	Age of mother	1990	1995	1999
Births by method of delivery	4,111	3,900	3,959	Repeat	53	46	51
Vaginal	3,111	3,064	3,064	Not stated	16	4	4
After previous cesarean	84	112	98	Hispanic births by method of delivery (1,000)	595	680	764
Cesarean deliveries	914	807	862	Vaginal	458	540	599
Primary	575	510	542	After previous cesarean	10	17	17
Repeat	339	297	320	Cesarean deliveries	123	137	161
Not stated	85	29	33	Primary	76	83	94
White births by method of delivery	3,252	3,099	3,133	Repeat	47	54	67
Vaginal	2,454	2,435	2,426	Not stated	14	3	4
After previous cesarean	67	91	77	Cesarean delivery rate ¹	22.7	20.8	22.0
Cesarean deliveries	733	640	679	White	23.0	20.8	21.9
Primary	459	401	424	Black	22.1	21.8	23.2
Repeat	274	239	255	Primary ²	16.0	14.7	15.5
Not stated	66	24	27	White	16.1	14.6	15.3
Black births by method of delivery	679	603	606	Black	15.7	15.7	16.5
Vaginal	517	469	462	Rate of vaginal cesarean birth after previous cesarean ³	19.9	27.5	23.4
After previous cesarean	13	16	15	White	19.7	27.6	23.2
Cesarean deliveries	146	130	139	Black	20.3	26.1	23.2
Primary	93	84	88				

¹ Percent of all live births by cesarean delivery. ² Number of primary cesareans per 100 live births to women who have not had a previous cesarean. ³ Number of vaginal births after previous cesarean delivery per 100 live births to women with a previous cesarean delivery.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 82. Women Who Have Had a Child in the Last Year by Age and Labor Force Status: 1980 to 1998

[3,247 represents 3,247,000. See headnote, Table 83]

Year	Total, 18 to 44 years old			18 to 29 years old			30 to 44 years old		
	In the labor force			In the labor force			In the labor force		
	Number (1,000)	Number (1,000)	Percent	Number (1,000)	Number (1,000)	Percent	Number (1,000)	Number (1,000)	Percent
1980	3,247	1,233	38	2,476	947	38	770	287	37
1981	3,381	1,411	42	2,499	1,004	40	881	407	46
1982	3,433	1,508	44	2,445	1,040	43	988	469	48
1983	3,625	1,563	43	2,682	1,138	42	942	425	45
1984	3,311	1,547	47	2,375	1,058	45	936	489	52
1985	3,497	1,691	48	2,512	1,204	48	984	488	50
1986	3,625	1,805	50	2,452	1,185	48	1,174	620	53
1987	3,701	1,881	51	2,521	1,258	50	1,180	623	53
1988	3,667	1,866	51	2,384	1,177	49	1,283	688	54
1990 ¹	3,913	2,068	53	2,568	1,275	50	1,346	793	59
1992 ¹	3,688	1,985	54	2,346	1,182	50	1,342	802	60
1994 ¹	3,890	2,066	53	2,389	1,209	51	1,501	857	57
1995 ¹	3,696	2,034	55	2,252	1,150	51	1,444	884	61
1998 ¹	3,671	2,155	59	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Lower age limit is 15 years old.

Source: U.S. Census Bureau, *Current Population Reports*, P20-482; and unpublished data.

No. 83. Women Who Have Had a Child in the Last Year by Age: 1980 to 1998

[3,247 represents 3,247,000. Excludes births to nonresidents of the United States. Data are by place of residence. Metropolitan Statistical Areas (MSAs), Consolidated Metropolitan Statistical Areas (CMSAs), and New England County Metropolitan Areas (NECMAs) are defined by the U.S. Office of Management and Budget as of June 30, 1990. See Appendix II for definitions and components]

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		
	1980	1990	1998	1980	1990	1998	1980	1990	1998
Total	3,247	3,913	3,671	71.1	67.0	60.7	28.5	26.4	24.6
15 to 29 years old ¹	2,476	2,568	2,274	103.7	90.8	81.7	48.6	43.2	40.2
15 to 19 years old	(NA)	338	460	(NA)	39.8	48.0	(NA)	30.1	29.3
20 to 24 years old	1,396	1,038	864	96.6	113.4	98.2	(NA)	51.8	50.4
25 to 29 years old	1,081	1,192	950	114.8	112.1	100.5	(NA)	46.2	41.8
30 to 44 years old	770	1,346	1,397	35.4	44.7	42.7	6.3	10.6	11.3
30 to 34 years old	519	892	843	60.0	80.4	82.4	(NA)	21.9	23.8
35 to 39 years old	192	377	437	26.9	37.3	38.5	(NA)	6.5	8.7
40 to 44 years old	59	77	117	9.9	8.6	10.5	(NA)	1.2	2.6

NA Not available. ¹ For 1980-88, 18 to 29 years old.

Source: U.S. Census Bureau, *Current Population Reports*, P20-375, P20-454, P20-470, and P20-499.

No. 84. Characteristics of Women Who Have Had a Child in the Last Year: 1995 and 1998

[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, and (4) women who were in institutions and therefore not in the survey universe. These losses may be somewhat offset by the inclusion in the CPS of births to immigrants who did not have their children born in the United States and births to nonresident women. These births would not have been recorded in the vital registration system. Based on Current Population Survey (CPS); see text, Section 1 and Appendix III]

Characteristic	1995			1998		
	Number of women (1,000)	Total births per 1,000 women	First births per 1,000 women	Number of women (1,000)	Total births per 1,000 women	First births per 1,000 women
Total ¹	60,225	61.4	23.2	60,519	60.7	24.6
White	48,603	59.2	22.6	48,487	60.8	24.2
Black	8,617	70.6	26.4	8,809	62.9	27.8
Hispanic ²	6,632	79.6	25.0	7,359	84.0	36.1
Currently married	31,616	85.5	30.3	30,903	81.8	29.7
Married, spouse present	29,202	87.2	31.4	28,344	85.5	31.4
Married, spouse absent ³	2,414	64.5	17.4	2,559	40.7	11.8
Widowed or divorced	5,762	28.4	4.1	5,430	26.4	6.4
Never married	22,846	36.3	18.0	24,185	41.3	22.1
Educational attainment:						
Less than high school	12,629	57.3	19.6	13,048	60.8	23.5
High school, 4 years	18,404	67.4	25.5	17,536	59.0	21.9
College: 1 or more years	29,192	59.3	23.2	29,935	61.6	26.7
No degree	12,724	56.1	21.2	12,626	54.6	21.7
Associate degree	4,663	56.9	19.2	4,413	65.3	28.6
Bachelor's degree	8,884	65.3	27.0	9,762	64.2	29.1
Graduate or professional degree	2,921	59.2	26.8	3,134	76.2	36.6
Labor force status:						
Employed	39,989	46.5	20.9	40,957	47.6	19.8
Unemployed	3,287	53.5	22.8	2,808	73.6	33.5
Not in labor force	16,949	98.1	28.5	16,754	90.5	34.8
Occupation of employed women:						
Managerial-professional	11,059	46.2	22.3	12,044	55.3	23.2
Technical, sales, admin. support	16,997	48.6	21.5	16,801	45.9	21.7
Service workers	7,612	44.0	16.6	7,796	42.0	14.5
Farming, forestry, and fishing	501	41.0	27.9	467	30.1	4.0
Precision prod., craft, repair	813	56.6	37.5	784	36.9	15.6
Operators, fabricators, laborers	3,007	39.5	17.8	3,064	46.0	13.4
Family income:						
Under \$10,000	6,957	91.0	32.8	5,631	73.3	29.5
\$10,000 to \$19,999	8,159	64.3	25.8	6,917	74.3	30.6
\$20,000 to \$24,999	4,542	60.6	20.3	3,902	77.3	36.4
\$25,000 to \$29,999	4,364	57.0	18.9	3,848	61.4	20.8
\$30,000 to \$34,999	4,076	60.6	24.3	3,928	58.6	21.6
\$35,000 to \$49,999	9,949	59.1	20.8	9,478	55.1	21.9
\$50,000 to \$74,999	9,720	52.5	23.3	11,003	60.3	24.1
\$75,000 and over	7,088	53.1	19.2	9,627	50.2	21.7

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

Source: U.S. Census Bureau, *Current Population Reports*, P20-375, P20-499, and unpublished data..

No. 85. Number of Pregnancies, Live Births, and Induced Abortions by Age and Race of Woman: 1980 to 1996

[Due to rounding, figures may not add to totals]

Age and race of woman	1980	1985	1990	1991	1992	1993	1994	1995	1996
ALL PREGNANCIES									
Total ¹	5,912	6,144	6,778	6,674	6,596	6,494	6,373	6,245	6,240
Under 15 years	29	30	29	29	30	30	30	28	26
15 to 19 years	1,146	981	1,013	975	939	928	923	904	893
20 to 24 years	1,956	1,891	1,847	1,843	1,813	1,762	1,682	1,602	1,570
25 to 29 years	1,626	1,764	1,908	1,827	1,771	1,701	1,637	1,598	1,617
30 to 34 years	844	1,045	1,319	1,313	1,326	1,332	1,333	1,322	1,312
35 to 39 years	258	373	562	581	603	622	642	659	683
40 years and over	54	60	100	106	113	119	127	132	140
Race:									
White	4,585	4,733	5,117	5,006	4,924	4,834	4,755	4,692	(NA)
All other	1,328	1,411	1,660	1,668	1,671	1,660	1,618	1,553	(NA)
LIVE BIRTHS									
Total	3,612	3,761	4,158	4,111	4,065	4,000	3,953	3,900	3,891
Race:									
White	2,936	3,038	3,290	3,241	3,202	3,150	3,121	3,099	3,093
All other	676	723	868	870	863	850	832	801	798
INDUCED ABORTIONS									
Total	1,554	1,589	1,609	1,557	1,529	1,500	1,431	1,364	1,366
Under 15 years	15	17	13	12	13	12	12	11	10
15 to 19 years	445	399	351	314	295	289	276	264	264
20 to 24 years	549	548	532	533	526	514	478	442	434
25 to 29 years	304	336	360	348	341	332	316	308	318
30 to 34 years	153	181	216	213	213	211	205	196	195
35 to 39 years	67	87	108	107	110	111	111	110	112
40 years and over	21	21	29	29	31	31	32	32	33
Race:									
White	1,094	1,076	1,039	982	944	911	861	820	(NA)
All other	460	513	570	574	585	589	570	544	(NA)

NA Not available. ¹ Includes fetal losses not shown.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics, Trends in Pregnancies and Pregnancy Rates by Outcome: 1976-96*, Series 21, No. 56.

No. 86. Numbers and Rates of Pregnancies, Live Births, Induced Abortions, and Fetal Losses for Teenagers by Age, Race, and Hispanic Origin: 1996

Pregnancy outcome and race and Hispanic origin	Number (1,000)				Rate per 1,000 women			
	15-19 years old				15-19 years old			
	10-14 years old	Total	15-17 years old	18-19 years old	10-14 years old	Total	15-17 years old	18-19 years old
ALL RACES ¹								
All pregnancies	26	893	372	521	2.8	98.7	67.8	146.4
Live births	11	492	186	306	1.2	54.4	33.8	86.0
Induced abortions	10	264	104	160	1.1	29.2	19.0	44.9
Fetal losses ²	4	137	82	55	0.5	15.2	15.0	15.5
NON-HISPANIC								
White:								
All pregnancies	7	416	163	253	1.1	68.1	43.9	105.6
Live births	3	229	76	153	0.4	37.6	20.6	63.7
Induced abortions	3	117	46	71	0.5	19.1	12.5	29.4
Fetal losses ²	1	70	40	30	0.2	11.4	10.8	12.4
Black:								
All pregnancies	12	242	106	136	8.7	177.8	128.1	254.4
Live births	5	128	55	73	3.8	94.2	66.6	136.6
Induced abortions	5	90	36	54	3.9	65.9	43.7	100.1
Fetal losses ²	1	24	15	9	1.0	17.7	17.7	17.7
HISPANIC ³								
All pregnancies	5	183	74	110	4.3	157.1	105.0	235.4
Live births	3	119	48	71	2.6	101.8	69.0	151.1
Induced abortions	2	45	17	28	1.3	38.6	24.7	59.5
Fetal losses ²	1	20	8	12	0.4	16.7	11.3	24.8

¹ Includes races other than White and Black. ² Spontaneous fetal losses from recognized pregnancies of all gestational periods as reported by women in the 1995 National Survey of Family Growth charted by the National Center for Health Statistics. The rate of pregnancy loss depends on the degree to which losses at very early gestations are detected. ³ Includes all persons of Hispanic origin of any race.

Source: U.S. National Center for Health Statistics, *Trends in Pregnancies and Pregnancy Rates by Outcome: Estimates for the United States, 1976-96*, Series 21, No. 56.

No. 87. Contraceptive Use by Women, 15 to 44 Years of Age: 1995

[60,201 represents 60,201,000. Based on samples of the female population of the United States; see source for details. See Appendix III]

Contraceptive status and method	Age				Race			Marital status		
	All women ¹	15-24 years	25-34 years	35-44 years	Non-Hispanic		Hispanic	Never married	Currently married	Formerly married
					White	Black				
All women (1,000)	60,201	18,002	20,758	21,440	42,522	8,210	6,702	22,679	29,673	7,849
PERCENT DISTRIBUTION										
Sterile ²	29.7	2.6	25.0	57.0	30.2	31.5	28.4	6.9	43.2	45.1
Surgically sterile	27.9	1.8	23.6	54.0	28.5	29.7	26.3	5.7	41.1	42.5
Nonsurgically sterile ³	1.7	0.7	1.3	2.8	1.6	1.8	2.0	1.1	2.0	2.2
Pregnant, postpartum	4.6	5.9	6.9	1.3	4.3	4.5	6.3	3.1	6.4	1.9
Seeking pregnancy	4.0	2.1	6.2	3.5	3.7	4.6	4.0	1.5	6.4	2.1
Other nonusers	22.3	44.4	13.3	12.6	21.1	23.1	26.3	46.8	4.7	18.4
Never had intercourse	10.9	30.8	3.4	1.4	10.4	8.9	12.1	28.9	-	-
No intercourse in last month ⁴	6.2	7.0	5.3	6.5	5.7	7.2	8.6	11.5	0.5	12.7
Had intercourse in last month ⁴	5.2	6.6	4.6	4.7	5.0	7.0	5.6	6.4	4.2	5.7
Nonsurgical contraceptors	39.7	45.0	49.1	26.1	41.2	36.1	35.1	41.8	39.7	32.4
Pill	17.3	23.1	23.7	6.3	18.8	14.8	13.6	20.4	15.6	14.6
IUD	0.5	0.1	0.6	0.8	0.5	0.5	0.9	0.3	0.7	0.4
Diaphragm	1.2	0.2	1.2	2.0	1.5	0.5	0.4	0.5	1.8	0.9
Condom	13.1	13.9	15.0	10.7	13.0	12.5	12.1	13.9	13.3	10.1
Periodic abstinence	1.5	0.5	1.8	2.0	1.6	0.7	1.3	0.6	2.3	0.7
Natural family planning	0.2	-	0.3	0.3	0.3	-	0.1	-	0.4	-
Withdrawal	2.0	1.6	2.3	1.9	2.1	0.9	2.0	1.5	2.3	1.8
Other methods ⁵	3.9	5.6	4.2	2.1	3.4	6.2	4.7	4.6	3.3	3.9

- Represents or rounds to zero. ¹ Includes other races, not shown separately. ² Total sterile includes male sterile for unknown reasons. ³ Persons sterile from illness, accident, or congenital conditions. ⁴ Data refer to no intercourse in the 3 months prior to interview. ⁵ Includes implants, injectables, morning-after-pill, suppository, TodayTM sponge, and less frequently used methods.

Source: U.S. National Center for Health Statistics, special tabulations from the 1995 National Survey of Family Growth.

No. 88. Women 15-44 Years of Age Who Have Ever Had a Live Birth and Use of Maternity Leave for the Most Recent Birth: 1995

Characteristics of the mother	Percent distribution							
	Number (1,000)	Total	Not employed	Employed	Took maternity leave	Did not take leave ¹		
						Not needed	Not offered	Other reasons
All women	34,958	100.0	48.0	52.0	37.3	2.3	0.9	11.6
AGE AT TIME OF BIRTH								
15-19 years old	3,436	100.0	71.9	28.1	14.8	0.7	0.1	12.5
20-24 years old	10,094	100.0	52.8	47.2	29.8	1.3	1.3	14.9
25-29 years old	11,629	100.0	44.8	55.2	41.1	2.7	0.8	10.5
30-44 years old	9,799	100.0	38.3	61.7	48.3	3.5	0.8	9.1
YEAR OF CHILD'S BIRTH								
1991-95	13,999	100.0	43.2	56.8	43.5	2.2	0.9	10.3
1981-90	15,344	100.0	47.4	52.6	37.2	2.7	0.8	11.8
1980 and before	5,616	100.0	61.5	38.5	22.0	1.6	0.9	14.0
MARITAL STATUS AT TIME OF BIRTH								
Never married	6,379	100.0	58.4	41.6	26.8	0.8	1.0	13.0
Married	26,439	100.0	44.9	55.1	40.3	2.8	0.8	11.1
Formerly married	2,140	100.0	54.3	45.7	31.1	0.8	1.3	12.5
BIRTH ORDER OF CHILD								
First	10,901	100.0	35.8	64.2	46.9	1.8	1.1	14.4
Second	13,965	100.0	47.7	52.3	38.1	2.6	1.0	10.7
Third or higher	10,092	100.0	61.5	38.5	25.8	2.5	0.4	9.7
EDUCATION AT INTERVIEW²								
No high school diploma or GED ³	4,961	100.0	69.6	30.4	16.5	0.7	0.4	12.8
High school diploma or GED	14,295	100.0	48.8	51.2	36.2	1.6	1.0	12.4
Some college, no bachelor's degree	7,967	100.0	40.1	59.9	44.4	2.6	1.1	11.8
Bachelor's degree or higher	5,929	100.0	32.8	67.2	52.8	5.6	0.9	7.9
RACE AND HISPANIC ORIGIN								
Hispanic	4,372	100.0	57.8	42.2	28.9	1.1	0.8	11.4
Non-Hispanic White	24,009	100.0	44.7	55.3	39.6	3.0	0.9	12.0
Non-Hispanic Black	5,149	100.0	53.5	46.5	34.5	0.4	1.1	10.6
Non-Hispanic other	1,428	100.0	53.7	46.3	34.8	1.5	0.6	9.4

¹ The group labeled "not needed" includes women who did not need to take maternity leave: (1) Due to the timing of their birth relative to their job schedule. (2) Due to the nature of their jobs. (3) Because they decided to quit their jobs after delivery. The group labeled "not offered" includes: (1) Women whose employers did not offer (or denied) maternity leave at all. (2) Women whose job benefits did not include maternity leave. The final group labeled "other reasons" includes women who decided to quit their jobs before delivery, who could not afford to take maternity leave for personal or financial reasons, or who continued to work right after delivery. ² Limited to women 22-44 years of age at time of interview. ³ GED is general equivalency diploma.

Source: U.S. National Center for Health Statistics, *Fertility, Family Planning, and Women's Health: New data from the 1995 National Survey of Family Growth, Vital and Health Statistics, Series 23, No. 19, 1997.*

No. 89. Live Births—Mothers Who Smoked During Pregnancy: 1998

[Excludes California, Indiana, New York State (but includes New York City), and South Dakota, which did not require reporting of tobacco use during pregnancy]

Smoking measure and race of mother	Age of mother						
	Total	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-54 years
All races¹	3,186,186	403,166	793,176	877,765	707,569	332,045	64,409
White	2,492,290	274,055	592,477	709,323	587,178	273,519	51,979
Black	548,653	115,957	171,505	124,996	82,730	40,880	8,582
PERCENT DISTRIBUTION							
All races smoker	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10 cigarettes or less	68.6	77.4	70.2	65.8	64.1	61.9	59.1
11-20 cigarettes	27.5	20.4	26.5	30.0	30.9	32.2	33.4
21 cigarettes or more	3.8	2.2	3.3	4.4	5.0	5.8	7.2
White smoker	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10 cigarettes or less	66.1	75.5	67.8	63.4	61.3	58.4	55.5
11-20 cigarettes	29.7	22.2	28.7	32.1	33.2	35.1	36.0
21 cigarettes or more	4.1	2.2	3.4	4.4	6	7	8
Black smoker	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10 cigarettes or less	83.0	89.8	85.7	81.6	79.1	77.8	73.6
11-20 cigarettes	15	9.4	13	16.2	18.5	19.3	23.2
21 cigarettes or more	2.0	1	1.5	2.1	2.2	2.8	-

- Represents zero. ¹ Includes races other than White and Black.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR) (formerly *Monthly Vital Statistical Report*).

No. 90. Percent Low Birthweight by Smoking Status, Age, and Race of Mother: 1998

[Low birthweight is defined as weight of less than 2,500 grams (5 lb. 8 oz.). Excludes California, Indiana, New York State (but includes New York City), and South Dakota, which did not require reporting of tobacco use during pregnancy]

Smoking status and race of mother	Age of mother								
	All ages	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	
		Under 15 years	Total	18-19 years					
All races¹	7.8	13.4	9.9	10.8	9.4	7.8	6.9	7.2	8.6
Smoker	12.0	14.1	11.6	12.2	11.4	10.5	11.0	13.6	16.9
Nonsmoker	7.2	13.3	9.5	10.5	8.9	7.3	6.3	6.5	7.6
White	6.7	11.2	8.3	9.0	7.9	6.6	5.9	6.3	7.5
Smoker	10.7	13.0	10.9	11.4	10.7	9.8	9.7	11.6	14.3
Nonsmoker	6.0	10.8	7.5	8.4	7.0	5.8	5.4	5.7	6.7
Black	13.1	15.7	13.8	14.5	13.4	12.1	12.2	13.8	16.0
Smoker	20.9	(B)	17.2	18.3	16.7	16.2	20.5	25.4	29.1
Nonsmoker	12.3	15.6	13.5	14.2	13.0	11.7	11.3	12.3	13.7

B Base data too small to meet statistical standards of reliability. ¹ Includes races other than White and Black.

Source: U.S. National Center for Health Statistics, *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistical Report*).

No. 91. Live Births to Mothers With Selected Complications of Labor and/or Delivery and Rates by Age of Mother: 1999

[Rates are number of live births with specified complication per 1,000 live births in specified group]

Complication	Complication reported	Age of mother						
		All ages	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-54 years
All races¹								
Febrile	59,904	15.3	18.5	15.6	15.9	14.5	12.3	11.1
Meconium, moderate/heavy	213,698	54.7	59.7	55.2	53.5	52.5	55.1	55.5
Premature rupture of membrane	100,130	25.6	26.7	24.3	25.1	25.8	27.3	30.9
Abruption placenta	21,999	5.6	5.4	5.2	5.3	5.8	7.0	8.6
Placenta previa	12,492	3.2	1.1	1.7	2.8	4.3	6.5	8.9
Other excessive bleeding	21,930	5.6	5.2	5.2	5.5	5.8	6.4	8.2
Seizures during labor	1,331	0.3	0.7	0.4	0.3	0.2	0.3	0.3
Precipitous labor	77,848	19.9	14.3	18.9	19.8	22.1	23.6	23.3
Prolonged labor	30,683	7.9	8.4	8.0	7.8	7.8	7.3	7.9
Dysfunctional labor	105,795	27.1	26.5	25.5	27.4	27.7	28.2	31.2
Breech/Malpresentation	152,084	38.9	29.2	31.5	39.1	44.7	50.4	58.1
Cephalopelvic disproportion	71,604	18.3	17.4	16.7	19.2	19.2	18.6	20.6
Cord Prolapse	7,773	2.0	1.6	1.8	1.9	2.1	2.5	2.8
Anesthetic complication ²	2,299	0.6	0.4	0.5	0.7	0.7	0.8	0.9
Fetal distress	140,756	39.6	43.7	38.5	38.0	38.6	41.7	49.7

¹ Includes races other than White and Black. ² Texas does not report this complication.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 92. Abortions—Number, Rate, and Ratio by Race: 1975 to 1997

Year	All races				White				Black and other			
	Abortions				Abortions				Abortions			
	Women 15-44 years old (1,000)	Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births ¹	Women 15-44 years old (1,000)	Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births ¹	Women 15-44 years old (1,000)	Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births ¹
1975	47,606	1,034	21.7	331	40,857	701	17.2	276	6,749	333	49.3	565
1979	52,016	1,498	28.8	420	44,266	1,062	24.0	373	7,750	435	56.2	625
1980	53,048	1,554	29.3	428	44,942	1,094	24.3	376	8,106	460	56.5	642
1981	53,901	1,577	29.3	430	45,494	1,108	24.3	377	8,407	470	55.9	645
1982	54,679	1,574	28.8	428	46,049	1,095	23.8	373	8,630	479	55.5	646
1983 ²	55,340	1,575	28.5	436	46,506	1,084	23.3	376	8,834	491	55.5	670
1984	56,061	1,577	28.1	423	47,023	1,087	23.1	366	9,038	491	54.3	646
1985	56,754	1,589	28.0	422	47,512	1,076	22.6	360	9,242	513	55.5	659
1986 ²	57,483	1,574	27.4	416	48,010	1,045	21.8	350	9,473	529	55.9	661
1987	57,964	1,559	27.1	405	48,288	1,017	21.1	338	9,676	542	56.0	648
1988	58,192	1,591	27.3	401	48,325	1,026	21.2	333	9,867	565	57.3	638
1989 ²	58,365	1,567	26.8	380	48,104	1,006	20.9	309	10,261	561	54.7	650
1990 ²	58,700	1,609	27.4	389	48,224	1,039	21.5	318	10,476	570	54.4	655
1991	59,080	1,557	26.3	379	48,406	982	20.3	303	10,674	574	53.8	661
1992	59,020	1,529	25.9	380	48,161	943	19.6	298	10,859	585	53.9	681
1993 ²	59,143	1,500	25.4	378	48,137	911	18.9	291	11,007	589	53.5	700
1994 ²	59,284	1,431	24.1	364	48,121	861	17.9	277	11,163	570	51.1	699
1995	59,442	1,364	22.9	351	48,140	820	17.0	265	11,302	544	48.1	686
1996	59,606	1,366	22.9	351	48,120	800	16.6	259	11,486	566	49.2	701
1997	59,688	1,328	22.2	340	48,081	773	16.1	250	11,607	555	47.8	680

¹ Live births are those which occurred from July 1 of year shown through June 30 of the following year (to match time of conception with abortions). Births are classified by race of child 1972-1988, and by race of mother after 1988. ² Total numbers of abortions in 1983 and 1986 have been estimated by interpolation; 1989, 1990, 1993, and 1994 have been estimated using trends in CDC data.

No. 93. Abortions by Selected Characteristics: 1990 to 1997

[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. Total number of abortions in 1990 have been estimated using trends in CDC data]

Characteristic	Number (1,000)			Percent distribution			Abortion ratio ¹		
	1990	1995	1997	1990	1995	1997	1990	1995	1997
Total abortions	1,609	1,364	1,328	100	100	100	280	260	254
Age of woman:									
Less than 15 years old	13	11	10	1	1	1	515	480	496
15 to 19 years old	351	264	254	22	19	19	403	348	345
20 to 24 years old	532	442	420	33	32	32	328	317	306
25 to 29 years old	360	308	313	22	23	24	224	225	225
30 to 34 years old	216	196	189	13	14	14	196	179	175
35 to 39 years old	108	110	109	7	8	8	249	220	207
40 years old and over	29	32	34	2	2	3	354	310	290
Race of woman:									
White	1,039	820	773	65	60	58	241	210	200
Black and other	570	544	555	35	40	42	396	409	405
Marital status of woman: ²									
Married	341	269	253	21	20	19	104	93	87
Unmarried	1,268	1,095	1,074	79	80	81	516	466	459
Number of prior live births:									
None	780	614	562	49	45	42	316	277	262
One	396	359	367	25	26	28	230	223	224
Two	280	248	251	17	18	19	292	285	282
Three	102	95	97	6	7	7	279	284	282
Four or more	50	48	50	3	4	4	223	228	236
Number of prior induced abortions:									
None	891	721	680	55	53	51	(NA)	(NA)	(NA)
One	443	383	376	28	28	28	(NA)	(NA)	(NA)
Two or more	275	260	271	17	19	20	(NA)	(NA)	(NA)
Weeks of gestation: ³									
Less than 9 weeks	825	728	732	51	53	55	(NA)	(NA)	(NA)
9 to 10 weeks	416	317	292	26	23	22	(NA)	(NA)	(NA)
11 to 12 weeks	195	153	146	12	11	11	(NA)	(NA)	(NA)
13 weeks or more	173	166	157	11	12	12	(NA)	(NA)	(NA)

NA Not available. ¹ Number of abortions per 1,000 abortions and live births. Live births are those which occurred from July 1 of year shown through June 30 of the following year (to match time of conception with abortions). ² Separated women included with unmarried. ³ Data not exactly comparable with prior years because of a change in the method of calculation.

Source of Tables 92 and 93: 1975-1988, S.K. Henshaw and J. Van Vort, eds., *Abortion Factbook, 1992 Edition: Readings, Trends, and State and Local Data to 1988*, The Alan Guttmacher Institute, New York, NY, 1992 (copyright); S.K. Henshaw and J. Van Vort, *Abortion Services in the United States, 1991 and 1992: Family Perspectives, 26:100, 1994*; and unpublished data.

No. 94. Abortions—Number and Rate by State: 1992 and 1996

[Number of abortions from surveys of hospitals, clinics, and physicians identified as providers of abortion services conducted by The Alan Guttmacher Institute. Abortion rates are computed per 1,000 women 15 to 44 years of age on July 1 of specified year]

State	Number (1,000)		Rate ¹		State	Number (1,000)		Rate ¹	
	1992	1996	1992	1996		1992	1996	1992	1996
U.S.	1,529	1,366	25.9	22.9	MO	14	11	11.6	9.1
AL	17	15	18.2	15.6	MT	3	3	18.2	15.6
AK	2	2	16.5	14.6	NE	6	4	15.7	12.3
AZ	21	19	24.1	19.8	NV	13	15	44.2	44.6
AR	7	6	13.5	11.4	NH	4	3	14.6	12.7
CA	304	238	42.1	33.0	NJ	55	63	31.0	35.8
CO	20	18	23.6	20.9	NM	6	5	17.7	14.4
CT	20	16	26.2	22.5	NY	195	168	46.2	41.1
DE	6	4	35.2	24.1	NC	36	34	22.4	20.2
DC	21	21	138.4	154.5	ND	1	1	10.7	9.4
FL	85	94	30.0	32.0	OH	50	43	19.5	17.0
GA	40	37	24.0	21.1	OK	9	8	12.5	11.8
HI	12	7	46.0	27.3	OR	16	15	23.9	21.6
ID	2	2	7.2	6.1	PA	50	40	18.6	15.2
IL	68	69	25.4	26.1	RI	7	5	30.0	24.4
IN	16	15	12.0	11.2	SC	12	10	14.2	11.6
IA	7	6	11.4	9.4	SD	1	1	6.8	6.5
KS	13	11	22.4	18.9	TN	19	18	16.2	14.8
KY	10	8	11.4	9.6	TX	97	91	23.1	20.7
LA	14	15	13.4	14.7	UT	4	4	9.3	7.8
ME	4	3	14.7	9.7	VT	3	2	21.2	17.1
MD	31	31	26.4	26.3	VA	35	30	22.7	18.9
MA	41	41	28.4	29.3	WA	33	26	27.7	20.9
MI	56	49	25.2	22.3	WV	3	3	7.7	6.6
MN	16	15	15.6	13.9	WI	15	14	13.6	12.3
MS	8	4	12.4	7.2	WY	-	-	4.3	2.7

- Represents or rounds to zero. ¹ Rate per 1,000 women, 15 to 44 years old.

Source: S.K. Henshaw and J. Van Vort, *Abortion Services in the United States, 1991 and 1992, Family Planning Perspectives*, 26:100, 1994; and unpublished data.

No. 95. Average Lifetime in Years by Race by State: 1989-91

State	Total	White	Black	State	Total	White	Black
U.S.	75.37	76.13	69.16	MT	76.23	76.72	(S)
AL	73.64	75.01	69.23	NE	76.92	77.21	(S)
AZ	76.10	76.42	70.84	NV	74.18	74.44	(S)
AR	74.33	75.20	68.93	NH	76.72	76.68	(S)
CA	75.86	75.92	69.65	NJ	75.42	76.46	68.47
CO	76.96	77.06	72.41	NM	75.74	76.08	(S)
CT	76.91	77.44	70.84	NY	74.68	75.61	69.33
DE	74.76	75.76	69.26	NC	74.48	75.89	69.38
DC	67.99	76.09	64.44	ND	77.62	77.99	(S)
FL	75.84	76.82	68.77	OH	75.32	75.93	70.15
GA	73.61	75.24	68.79	OK	75.10	75.21	70.85
HI	78.21	77.92	(S)	OR	76.44	76.51	(S)
ID	76.88	76.89	(S)	PA	75.38	76.15	68.27
IL	74.90	76.16	67.46	RI	76.54	76.80	(S)
IN	75.39	75.82	69.80	SC	73.51	75.33	68.82
IA	77.29	77.38	(S)	SD	76.91	77.91	(S)
KS	76.76	77.06	71.22	TN	74.32	75.27	68.97
KY	74.37	74.65	70.16	TX	75.14	75.75	69.79
LA	73.05	74.87	68.62	UT	77.70	77.77	(S)
ME	76.35	76.35	(S)	VT	76.54	76.50	(S)
MD	74.79	76.30	69.69	VA	75.22	76.34	70.05
MA	76.72	76.90	72.45	WA	76.82	76.92	71.34
MI	75.04	76.18	68.49	WV	74.26	74.37	69.75
MN	77.76	77.97	(S)	WI	76.87	77.18	70.96
MS	73.03	74.78	69.41	WY	76.21	76.34	(S)
MO	75.25	76.02	68.81				

S Does not meet standards of reliability and precision.

Source: U.S. National Center for Health Statistics, *for 1989-91, Volume II*.

No. 96. Expectation of Life at Birth, 1970 to 1999, and Projections, 2000 to 2010

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

Year	Total			White			Black and other			Black		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	66.8	62.4	71.3
1980	73.7	70.0	77.4	74.4	70.7	78.1	69.5	65.3	73.6	68.1	63.8	72.5
1982	74.5	70.8	78.1	75.1	71.5	78.7	70.9	66.8	74.9	69.4	65.1	73.6
1983	74.6	71.0	78.1	75.2	71.6	78.7	70.9	67.0	74.7	69.4	65.2	73.5
1984	74.7	71.1	78.2	75.3	71.8	78.7	71.1	67.2	74.9	69.5	65.3	73.6
1985	74.7	71.1	78.2	75.3	71.8	78.7	71.0	67.0	74.8	69.3	65.0	73.4
1986	74.7	71.2	78.2	75.4	71.9	78.8	70.9	66.8	74.9	69.1	64.8	73.4
1987	74.9	71.4	78.3	75.6	72.2	78.9	71.0	66.9	75.0	69.1	64.7	73.4
1988	74.9	71.4	78.3	75.6	72.2	78.9	70.8	66.7	74.8	68.9	64.4	73.2
1989	75.1	71.7	78.5	75.9	72.5	79.2	70.9	66.7	74.9	68.8	64.3	73.3
1990	75.4	71.8	78.8	76.1	72.7	79.4	71.2	67.0	75.2	69.1	64.5	73.6
1991	75.5	72.0	78.9	76.3	72.9	79.6	71.5	67.3	75.5	69.3	64.6	73.8
1992	75.8	72.3	79.1	76.5	73.2	79.8	71.8	67.7	75.7	69.6	65.0	73.9
1993	75.5	72.2	78.8	76.3	73.1	79.5	71.5	67.3	75.5	69.2	64.6	73.7
1994	75.7	72.3	79.0	76.4	73.2	79.6	71.7	67.5	75.8	69.6	64.7	74.1
1995	75.8	72.5	78.9	76.5	73.4	79.6	71.9	67.9	75.7	69.6	65.2	73.9
1996	76.1	73.0	79.0	76.8	73.8	79.6	72.6	68.9	76.1	70.3	66.1	74.2
1997 ¹	76.5	73.6	79.4	77.1	74.3	79.9	(NA)	(NA)	(NA)	71.1	67.2	74.7
1998 ²	76.7	73.8	79.5	77.3	74.5	80.0	(NA)	(NA)	(NA)	71.3	67.6	74.8
1999	77.0	74.1	79.7	77.5	74.7	80.2	(NA)	(NA)	(NA)	72.2	68.7	75.4
Projections:												
2000	77.1	74.2	79.9	77.7	74.8	80.4	(NA)	(NA)	(NA)	72.4	68.9	75.6
2005	77.8	74.9	80.7	78.3	75.4	81.1	(NA)	(NA)	(NA)	73.5	69.9	76.8
2010	78.5	75.6	81.4	79.0	76.1	81.8	(NA)	(NA)	(NA)	74.5	70.9	77.8

NA Not available. ¹ The 1998 life table values are based upon an 85 percent sample of deaths. ² Based on middle mortality assumptions; for details, see source. Source: U.S. Census Bureau, Population Division Working Paper No. 38.

Source: Except as noted, U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistics Reports*).

No. 97. Selected Life Table Values: 1979 to 1998

Age and sex	Total ¹			White			Black		
	1979-1981	1990	1998	1979-1981	1990	1998	1979-1981	1990	1998
AVERAGE EXPECTATION OF LIFE IN YEARS									
At birth: Male	70.1	71.8	73.8	70.8	72.7	74.5	64.1	64.5	67.6
Female	77.6	78.8	79.5	78.2	79.4	80.0	72.9	73.6	74.8
Age 20: Male	51.9	53.3	55.0	52.5	54.0	55.5	46.4	46.7	49.5
Female	59.0	59.8	60.3	59.4	60.3	60.8	54.9	55.3	56.2
Age 40: Male	33.6	35.1	36.4	34.0	35.6	36.8	29.5	30.1	31.9
Female	39.8	40.6	41.1	40.2	41.0	41.4	36.3	36.8	37.5
Age 50: Male	25.0	26.4	27.6	25.3	26.7	27.9	22.0	22.5	23.9
Female	30.7	31.3	31.8	31.0	31.6	32.0	27.8	28.2	28.8
Age 65: Male	14.2	15.1	16.0	14.3	15.2	16.1	13.3	13.2	14.3
Female	18.4	18.9	19.2	18.6	19.1	19.3	17.1	17.2	17.4
EXPECTED DEATHS PER 1,000 ALIVE AT SPECIFIED AGE²									
At birth: Male	13.9	10.3	(NA)	12.3	8.6	(NA)	23.0	19.7	(NA)
Female	11.2	8.2	(NA)	9.7	6.6	(NA)	19.3	16.3	(NA)
Age 20: Male	1.8	1.6	(NA)	1.8	1.4	(NA)	2.2	2.7	(NA)
Female	0.6	0.5	(NA)	0.6	0.5	(NA)	0.7	0.7	(NA)
Age 40: Male	3.0	3.1	(NA)	2.6	2.7	(NA)	6.9	7.1	(NA)
Female	1.6	1.4	(NA)	1.4	1.2	(NA)	3.2	3.1	(NA)
Age 50: Male	7.8	6.2	(NA)	7.1	5.6	(NA)	14.9	12.8	(NA)
Female	4.2	3.5	(NA)	3.8	3.2	(NA)	7.7	6.6	(NA)
Age 65: Male	28.2	12.9	(NA)	27.4	23.0	(NA)	38.5	36.8	(NA)
Female	14.3	13.5	(NA)	13.6	12.8	(NA)	21.6	21.4	(NA)
NUMBER SURVIVING TO SPECIFIED AGE PER 1,000 BORN ALIVE									
Age 20: Male	973	979	(NA)	975	981	(NA)	961	963	(NA)
Female	982	986	(NA)	984	988	(NA)	972	976	(NA)
Age 40: Male	933	938	(NA)	940	946	(NA)	885	880	(NA)
Female	965	971	(NA)	969	975	(NA)	941	944	(NA)
Age 50: Male	890	899	(NA)	901	912	(NA)	801	801	(NA)
Female	941	950	(NA)	947	957	(NA)	896	904	(NA)
Age 65: Male	706	741	(NA)	724	760	(NA)	551	571	(NA)
Female	835	851	(NA)	848	864	(NA)	733	751	(NA)

NA Not available. ¹ Includes other races not shown separately. ² See footnote 1, Table 98.

Source: U.S. National Center for Health Statistics, *U.S. Life Tables and Actuarial Tables, 1959-61, 1969-71, and 1979-81; Vital Statistics of the United States*, annual; and unpublished data.

No. 98. Expectation of Life and Expected Deaths by Race, Sex, and Age: 1998

Age (years)	Expectation of life in years					Expected deaths per 1,000 alive at specified age ¹				
	White			Black		White			Black	
	Total	Male	Female	Male	Female	Total	Male	Female	Male	Female
At birth	76.7	74.5	80.0	67.6	74.8	7.21	6.48	5.42	15.79	12.85
1	76.3	74.0	79.4	67.7	74.8	0.55	0.49	0.44	1.16	0.90
2	75.3	73.0	78.5	66.8	73.8	0.36	0.36	0.28	0.67	0.52
3	74.3	72.1	77.5	65.8	72.9	0.26	0.25	0.21	0.52	0.44
4	73.4	71.1	76.5	64.9	71.9	0.21	0.21	0.17	0.42	0.29
5	72.4	70.1	75.5	63.9	70.9	0.20	0.20	0.15	0.39	0.31
6	71.4	69.1	74.5	62.9	69.9	0.19	0.19	0.14	0.37	0.27
7	70.4	68.1	73.5	61.9	69.0	0.18	0.18	0.13	0.34	0.24
8	69.4	67.1	72.5	60.9	68.0	0.17	0.17	0.13	0.30	0.22
9	68.4	66.2	71.6	60.0	67.0	0.15	0.15	0.12	0.25	0.20
10	67.4	65.2	70.6	59.0	66.0	0.13	0.13	0.11	0.21	0.19
11	66.4	64.2	69.6	58.0	65.0	0.14	0.13	0.12	0.20	0.18
12	65.5	63.2	68.6	57.0	64.0	0.18	0.19	0.14	0.29	0.19
13	64.5	62.2	67.6	56.0	63.0	0.27	0.31	0.19	0.48	0.23
14	63.5	61.2	66.6	55.0	62.1	0.39	0.47	0.26	0.74	0.27
15	62.5	60.2	65.6	54.1	61.1	0.52	0.65	0.33	1.02	0.32
16	61.5	59.3	64.6	53.1	60.1	0.64	0.81	0.40	1.28	0.38
17	60.6	58.3	63.7	52.2	59.1	0.73	0.94	0.44	1.52	0.43
18	59.6	57.4	62.7	51.3	58.1	0.80	1.04	0.45	1.74	0.49
19	58.7	56.4	61.7	50.4	57.2	0.85	1.11	0.44	1.93	0.54
20	57.7	55.5	60.8	49.5	56.2	0.89	1.18	0.42	2.16	0.61
21	56.8	54.6	59.8	48.6	55.2	0.94	1.26	0.41	2.40	0.69
22	55.8	53.6	58.8	47.7	54.3	0.97	1.30	0.40	2.57	0.76
23	54.9	52.7	57.8	46.8	53.3	0.98	1.30	0.41	2.65	0.82
24	53.9	51.8	56.8	45.9	52.4	0.97	1.27	0.42	2.65	0.86
25	53.0	50.8	55.9	45.1	51.4	0.96	1.23	0.44	2.62	0.91
26	52.0	49.9	54.9	44.2	50.5	0.95	1.20	0.46	2.61	0.97
27	51.1	49.0	53.9	43.3	49.5	0.96	1.19	0.48	2.61	1.04
28	50.1	48.0	52.9	42.4	48.6	0.98	1.21	0.51	2.64	1.11
29	49.2	47.1	52.0	41.5	47.6	1.03	1.25	0.54	2.71	1.20
30	48.2	46.1	51.0	40.6	46.7	1.08	1.31	0.57	2.78	1.30
31	47.3	45.2	50.0	39.7	45.7	1.13	1.37	0.61	2.86	1.40
32	46.3	44.3	49.1	38.8	44.8	1.19	1.44	0.66	2.96	1.51
33	45.3	43.3	48.1	38.0	43.9	1.27	1.52	0.72	3.10	1.65
34	44.4	42.4	47.1	37.1	42.9	1.35	1.60	0.79	3.26	1.80
35	43.5	41.5	46.2	36.2	42.0	1.44	1.69	0.86	3.43	1.96
36	42.6	40.5	45.2	35.3	41.1	1.53	1.79	0.93	3.62	2.12
37	41.6	39.6	44.2	34.4	40.2	1.63	1.90	1.00	3.85	2.29
38	40.7	38.7	43.3	33.6	39.3	1.74	2.03	1.07	4.15	2.48
39	39.8	37.7	42.3	32.7	38.4	1.88	2.19	1.15	4.50	2.70
40	38.8	36.8	41.4	31.9	37.5	2.03	2.36	1.24	4.88	2.93
41	37.9	35.9	40.4	31.0	36.6	2.18	2.54	1.34	5.29	3.16
42	37.0	35.0	39.5	30.2	35.7	2.35	2.73	1.44	5.76	3.42
43	36.1	34.1	38.5	29.4	34.8	2.53	2.94	1.55	6.32	3.69
44	35.2	33.2	37.6	28.5	33.9	2.73	3.17	1.67	6.96	3.97
45	34.3	32.3	36.7	27.7	33.1	2.95	3.42	1.80	7.71	4.30
46	33.4	31.4	35.7	26.9	32.2	3.20	3.71	1.95	8.52	4.65
47	32.5	30.5	34.8	26.2	31.4	3.47	4.01	2.13	9.31	4.99
48	31.6	29.6	33.9	25.4	30.5	3.75	4.33	2.35	10.01	5.32
49	30.7	28.8	32.9	24.7	29.7	4.04	4.66	2.60	10.65	5.65
50	29.8	27.9	32.0	23.9	28.8	4.36	5.03	2.88	11.34	6.01
51	29.0	27.0	31.1	23.2	28.0	4.73	5.44	3.19	12.16	6.43
52	28.1	26.2	30.2	22.5	27.2	5.13	5.90	3.51	13.06	6.93
53	27.2	25.3	29.3	21.8	26.4	5.58	6.43	3.85	14.02	7.51
54	26.4	24.5	28.4	21.1	25.6	6.10	7.04	4.23	15.04	8.15
55	25.5	23.7	27.6	20.4	24.8	6.69	7.76	4.66	16.08	8.84
56	24.7	22.9	26.7	19.7	24.0	7.36	8.58	5.16	17.19	9.59
57	23.9	22.0	25.8	19.0	23.2	8.09	9.47	5.71	18.49	10.39
58	23.1	21.3	25.0	18.4	22.5	8.88	10.42	6.30	20.06	11.26
59	22.3	20.5	24.1	17.8	21.7	9.73	11.44	6.93	21.85	12.20
60	21.5	19.7	23.3	17.1	21.0	10.68	12.56	7.65	23.87	13.24
61	20.7	18.9	22.5	16.5	20.2	11.74	13.84	8.48	25.92	14.35
62	20.0	18.2	21.6	16.0	19.5	12.88	15.26	9.36	27.72	15.44
63	19.2	17.5	20.8	15.4	18.8	14.07	16.82	10.28	29.04	16.45
64	18.5	16.8	20.1	14.9	18.1	15.29	18.48	11.23	29.98	17.41
65	17.8	16.1	19.3	14.3	17.4	16.51	20.16	12.19	30.64	18.28
70	14.3	12.8	15.6	11.5	14.1	25.51	31.60	19.41	43.07	28.47
75	11.3	10.0	12.2	9.2	11.3	37.99	47.05	30.07	61.44	41.10
80	8.6	7.5	9.1	7.1	8.7	59.23	73.21	49.50	86.29	60.15

¹ Based on the proportion of the cohort who are alive at the beginning of an indicated age interval who will die before reaching the end of that interval. For example, out of every 1,000 people alive and exactly 50 years old at the beginning of the period, between 4 and 5 (4.44) will die before reaching their 51st birthdays.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Report*, Vol. 47, No. 28, and unpublished data.

No. 99. Deaths and Death Rates by Sex and Race: 1980 to 1998

[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 this table is the total population of the United States enumerated in 1940. See Appendix III]

Sex and race	1980	1985	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Deaths¹ (1,000)	1,990	2,086	2,150	2,148	2,170	2,176	2,269	2,279	2,312	2,315	2,314	2,338
Male ¹ (1,000)	1,075	1,098	1,114	1,113	1,122	1,122	1,162	1,163	1,173	1,164	1,154	1,157
Female ¹ (1,000)	915	989	1,036	1,035	1,048	1,053	1,107	1,116	1,139	1,151	1,160	1,180
White (1,000)	1,739	1,819	1,854	1,853	1,869	1,874	1,951	1,960	1,987	1,993	1,996	2,016
Male (1,000)	934	950	951	951	956	957	988	989	997	992	987	990
Female (1,000)	805	869	903	902	912	917	963	971	990	1,001	1,010	1,026
Black (1,000)	233	244	268	266	270	269	282	282	286	282	277	278
Male (1,000)	130	134	146	145	147	147	154	153	154	149	144	143
Female (1,000)	103	111	121	120	122	123	129	129	132	133	132	135
Death rates¹	8.8	8.8	8.7	8.6	8.6	8.5	8.8	8.8	8.8	8.7	8.6	8.6
Male ¹	9.8	9.5	9.3	9.2	9.1	9.0	9.2	9.2	9.1	9.0	8.8	8.8
Female ¹	7.9	8.1	8.2	8.1	8.1	8.1	8.4	8.4	8.5	8.5	8.5	8.5
White	8.9	9.0	8.9	8.9	8.9	8.8	9.1	9.1	9.1	9.1	9.0	9.0
Male	9.8	9.6	9.4	9.3	9.3	9.2	9.4	9.3	9.3	9.2	9.1	9.0
Female	8.1	8.4	8.5	8.5	8.5	8.4	8.8	8.8	8.9	9.0	9.0	9.0
Black	8.8	8.5	8.9	8.8	8.6	8.5	8.8	8.6	8.6	8.4	8.1	8.1
Male	10.3	9.9	10.3	10.1	10.0	9.8	10.1	9.9	9.8	9.4	8.9	8.8
Female	7.3	7.3	7.6	7.5	7.4	7.4	7.6	7.5	7.6	7.5	7.4	7.5
Age-adjusted¹	5.9	5.5	5.3	5.2	5.1	5.0	5.1	5.1	5.0	4.9	4.8	4.7
Male ¹	7.8	7.2	6.9	6.8	6.7	6.6	6.6	6.5	6.5	6.2	6.0	5.9
Female ¹	4.3	4.1	4.0	3.9	3.9	3.8	3.9	3.9	3.9	3.8	3.8	3.7
White	5.6	5.2	5.0	4.9	4.9	4.8	4.9	4.8	4.8	4.7	4.6	4.5
Male	7.5	6.9	6.5	6.4	6.3	6.2	6.3	6.2	6.1	5.9	5.7	5.6
Female	4.1	3.9	3.8	3.7	3.7	3.6	3.7	3.6	3.6	3.6	3.6	3.6
Black	8.4	7.9	8.1	7.9	7.8	7.7	7.9	7.7	7.7	7.4	7.1	6.9
Male	11.1	10.5	10.8	10.6	10.5	10.3	10.5	10.3	10.2	9.7	9.1	8.8
Female	6.3	5.9	5.9	5.8	5.8	5.7	5.8	5.7	5.7	5.6	5.5	5.4

¹ Includes other races, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Reports (NVSr)* (formerly *Monthly Vital Statistics Report*).

No. 100. Death Rates by Age, Sex, and Race: 1970 to 1998

[Number of deaths per 100,000 population in specified group. See headnote, Table 99]

Sex, year, and race	All ages ¹	Under										85 yr. old and over
		1 yr. old	1-4 yr. old	5-14 yr. old	15-24 yr. old	25-34 yr. old	35-44 yr. old	45-54 yr. old	55-64 yr. old	65-74 yr. old	75-84 yr. old	
MALE²												
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
1995	914	844	45	27	141	205	333	599	1,417	3,285	7,377	17,979
1997	881	813	40	24	124	160	266	551	1,337	3,191	7,116	17,462
1998	876	818	38	23	119	152	259	543	1,297	3,144	7,019	16,763
White:												
1980	983	1,230	66	35	167	171	257	699	1,729	4,036	8,830	19,097
1990	931	896	46	26	131	176	268	549	1,467	3,398	7,845	18,268
1995	932	718	39	25	122	178	288	535	1,331	3,199	7,321	18,153
1997	906	678	35	22	109	140	235	496	1,252	3,123	7,086	17,767
1998	905	682	32	21	106	133	231	486	1,216	3,082	7,012	17,122
Black:												
1980	1,034	2,587	111	47	209	407	690	1,480	2,873	5,131	9,232	16,099
1990	1,008	2,112	86	41	252	431	700	1,261	2,618	4,946	9,130	16,955
1995	981	1,591	78	40	249	417	721	1,273	2,438	4,611	8,779	16,729
1997	894	1,672	67	35	216	309	524	1,114	2,320	4,298	8,297	16,084
1998	868	1,693	69	35	194	277	475	1,074	2,238	4,136	8,259	15,442
FEMALE²												
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
1995	847	690	36	18	48	78	150	328	841	1,986	4,893	14,492
1997	849	691	32	17	46	70	141	316	815	1,959	4,821	14,492
1998	854	681	31	16	44	68	142	310	788	1,968	4,832	14,428
White:												
1970	813	1,615	66	30	62	84	193	463	1,015	2,471	6,699	15,980
1980	806	963	49	23	56	65	138	373	876	2,067	5,402	14,980
1990	847	690	36	18	46	62	117	309	823	1,924	4,839	14,401
1995	891	572	31	17	44	64	126	294	788	1,925	4,831	14,639
1997	898	546	28	16	44	60	121	285	766	1,901	4,786	14,681
1998	907	571	27	15	41	58	121	277	740	1,918	4,816	14,705
Black:												
1970	829	3,369	129	44	112	231	533	1,044	1,986	3,861	6,692	10,707
1980	733	2,124	84	31	71	150	324	768	1,561	3,057	6,212	12,367
1990	748	1,736	68	28	69	160	299	639	1,453	2,866	5,688	13,310
1995	759	1,342	63	27	70	167	328	619	1,350	2,824	5,840	13,472
1997	743	1,384	51	27	62	135	287	590	1,307	2,740	5,669	13,702
1998	738	1,363	54	23	57	128	280	574	1,262	2,702	5,748	13,450

¹ Includes unknown age. ² Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *National Vital Statistics Reports (NVSr)* (formerly *Monthly Vital Statistics Report*); and unpublished data.

No. 101. Deaths and Death Rates by State: 1990 to 1998

[By state of residence. Excludes deaths of nonresidents of the United States, except as noted. Caution should be used in comparing death rates by state; rates are affected by the population composition of the area. See also Appendix III]

State	Number of deaths (1,000)							Rate per 1,000 population ¹							
	1990	1993	1994	1995	1996	1997	1998	1990	1993	1994	1995	1996	1997	1998	
United States..	2,148	2,269	2,279	2,312	2,315	2,314	2,337	8.6	8.8	8.8	8.8	8.7	8.6	8.6	
Alabama.....	39	41	42	42	43	43	44	9.7	9.9	9.9	10.0	10.0	10.0	10.1	
Alaska.....	2	2	2	3	3	3	3	4.0	3.8	4.0	4.2	4.3	4.2	4.2	
Arizona.....	29	33	34	35	37	37	38	7.9	8.2	8.4	8.4	8.3	8.1	8.2	
Arkansas.....	25	27	26	27	27	28	28	10.5	10.9	10.7	10.8	10.6	11.0	10.8	
California.....	214	222	224	224	223	225	227	7.2	7.0	7.1	7.1	7.0	7.0	6.9	
Colorado.....	22	24	24	25	26	26	27	6.6	6.7	6.6	6.7	6.7	6.6	6.7	
Connecticut.....	28	29	29	29	30	29	30	8.4	8.9	8.9	9.0	9.0	9.0	9.1	
Delaware.....	6	6	6	6	7	7	7	8.7	8.7	9.0	8.8	9.0	8.9	8.8	
Dist. of Columbia.....	7	7	7	7	7	6	6	12.0	11.6	12.6	12.4	12.2	11.6	11.6	
Florida.....	134	147	149	153	153	155	158	10.4	10.7	10.7	10.8	10.7	10.5	10.1	
Georgia.....	52	56	57	58	59	59	60	8.0	8.1	8.0	8.1	8.0	7.9	7.9	
Hawaii.....	7	7	7	8	8	8	8	6.1	6.2	6.2	6.4	6.7	6.7	6.8	
Idaho.....	7	8	8	9	9	9	9	7.4	7.6	7.5	7.3	7.3	7.4	7.5	
Illinois.....	103	107	107	108	106	103	104	9.0	9.2	9.1	9.2	9.0	8.7	8.7	
Indiana.....	50	52	52	53	53	53	53	8.9	9.1	9.1	9.2	9.1	9.1	9.1	
Iowa.....	27	28	28	28	28	28	28	9.7	9.9	9.8	9.9	9.8	9.7	9.9	
Kansas.....	22	24	23	24	24	24	24	9.0	9.2	9.1	9.3	9.3	9.2	9.2	
Kentucky.....	35	37	37	37	37	38	38	9.5	9.7	9.7	9.6	9.6	9.7	9.6	
Louisiana.....	38	40	39	40	40	40	40	8.9	9.3	9.0	9.1	9.1	9.2	9.2	
Maine.....	11	12	12	12	11	12	12	9.0	9.3	9.4	9.5	9.4	9.7	9.8	
Maryland.....	38	40	41	42	42	42	42	8.0	8.7	8.2	8.3	8.3	8.2	8.2	
Massachusetts.....	53	56	55	55	55	55	55	8.8	9.4	9.1	9.1	9.1	8.9	9.0	
Michigan.....	79	83	83	84	84	83	85	8.5	8.7	8.7	8.8	8.7	8.5	8.7	
Minnesota.....	35	36	37	38	37	37	37	7.9	8.0	8.0	8.1	8.0	7.9	7.9	
Mississippi.....	25	26	27	27	27	28	28	9.8	10.1	10.0	10.0	9.8	10.1	10.1	
Missouri.....	50	54	54	54	54	54	55	9.8	10.8	10.2	10.2	10.1	10.1	10.1	
Montana.....	7	7	7	8	8	8	8	8.6	8.9	8.6	8.8	8.8	8.8	8.9	
Nebraska.....	15	15	15	15	15	15	15	9.4	9.6	9.3	9.3	9.4	9.2	9.1	
Nevada.....	9	11	12	13	13	13	14	7.8	7.8	8.2	8.2	8.2	8.0	8.3	
New Hampshire.....	8	9	9	9	9	9	9	7.7	7.9	7.8	8.0	8.1	8.1	8.0	
New Jersey.....	70	73	72	74	73	72	72	9.1	9.2	9.1	9.3	9.2	9.0	8.8	
New Mexico.....	11	12	12	13	12	13	13	7.0	7.3	7.3	7.4	7.3	7.3	7.4	
New York.....	169	171	169	168	164	159	157	9.4	9.4	9.3	9.3	9.0	8.7	8.6	
North Carolina.....	57	62	63	65	66	66	68	8.6	9.0	8.9	9.0	9.1	8.9	9.0	
North Dakota.....	6	6	6	6	6	6	6	8.9	9.3	9.2	9.3	9.3	9.2	9.3	
Ohio.....	99	103	103	106	105	105	106	9.1	9.1	9.3	9.5	9.4	9.4	9.4	
Oklahoma.....	30	32	32	33	33	34	34	9.7	10.1	9.9	10.0	10.0	10.2	10.1	
Oregon.....	25	28	27	28	29	29	29	8.8	9.0	8.9	9.0	9.0	8.9	9.0	
Pennsylvania.....	122	126	128	128	129	128	127	10.3	10.5	10.6	10.6	10.7	10.6	10.6	
Rhode Island.....	10	10	9	10	10	10	10	9.5	9.7	9.4	9.8	9.6	9.9	9.8	
South Carolina.....	30	32	32	34	34	34	35	8.5	8.6	8.8	9.1	9.2	9.0	9.1	
South Dakota.....	6	7	7	7	7	7	7	9.1	9.6	9.4	9.5	9.3	9.3	9.3	
Tennessee.....	46	49	51	51	51	53	53	9.5	9.7	9.8	9.8	9.7	9.8	9.8	
Texas.....	125	135	136	138	140	143	143	7.4	7.5	7.4	7.4	7.3	7.3	7.2	
Utah.....	9	10	10	11	11	12	12	5.3	5.5	5.5	5.6	5.6	5.6	5.6	
Vermont.....	5	5	5	5	5	5	5	8.2	8.5	8.2	8.5	8.3	8.6	8.4	
Virginia.....	48	52	52	53	54	54	54	7.8	8.0	8.0	8.0	8.0	8.0	8.0	
Washington.....	37	40	40	41	42	41	43	7.6	8.0	7.5	7.5	7.6	7.4	7.5	
West Virginia.....	19	20	20	20	20	21	21	10.8	11.0	11.1	11.1	11.2	11.5	11.5	
Wisconsin.....	43	45	44	45	45	45	46	8.7	8.7	8.7	8.8	8.7	8.7	8.8	
Wyoming.....	3	3	3	4	4	4	3.853	7.1	7.5	7.3	7.7	7.5	7.8	8.0	
Puerto Rico.....	(NA)	(NA)	(NA)	(NA)	(NA)	29	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7.6	(NA)
Virgin Islands.....	(NA)	(NA)	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5.4	(NA)
Guam.....	(NA)	(NA)	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4.2	(NA)

NA Not available. ¹ Rates based on enumerated resident population as of April 1 for 1990; estimated resident population as of July 1 for all other years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistics Report*).

No. 102. Infant, Maternal, and Neonatal Mortality Rates and Fetal Mortality Ratios by Race: 1980 to 1998

[Deaths per 1,000 live births, except as noted. Excludes deaths of nonresidents of United States. Rate for live births tabulated according to race of mother, for infant and neonatal mortality rates. Beginning 1989, race for live births tabulated according to race of mother, for maternal mortality rates and mortality rates. See also Appendix III]

Item	1980	1990	1993	1994	1995	1996	1997	1998
Infant deaths ¹	12.6	9.2	8.4	8.0	7.6	7.3	7.2	7.2
White	10.9	7.6	6.8	6.6	6.3	6.0	6.0	6.0
Black and other	20.2	15.5	14.1	13.5	(NA)	(NA)	(NA)	(NA)
Black	22.2	18.0	16.5	15.8	15.1	14.2	13.7	14.3
Maternal deaths ²	9.2	8.2	7.5	8.3	7.1	7.6	8.4	(NA)
White	6.7	5.4	4.8	6.2	4.2	5.1	5.8	(NA)
Black and other	19.8	19.1	17.6	16.2	18.5	16.9	18.3	(NA)
Black	21.5	22.4	20.5	18.5	22.1	20.3	20.8	(NA)
Neonatal deaths ³	8.5	5.8	5.3	5.1	4.9	4.7	4.7	4.8
White	7.4	4.8	4.3	4.2	4.1	3.9	3.9	4.0
Black and other	13.2	9.9	9.0	8.6	(NA)	(NA)	(NA)	(NA)
Black	14.6	11.6	10.7	10.2	9.8	9.2	9.0	9.5

NA Not available. ¹ Represents deaths of infants under 1 year old, exclusive of fetal deaths. ² Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. Deaths are classified according to the ninth revision of the *International Classification of Diseases*; earlier years classified according to the revision in use at the time; see text, this section. ³ Represents deaths of infants under 28 days old, exclusive of fetal deaths.

No. 103. Infant Deaths and Infant Mortality Rates by Cause of Death: 1980 to 1998

[Excludes deaths of nonresidents of the United States. Deaths classified according to ninth revision of *International Classification of Diseases*. See also Appendix III]

Cause of death	1980	1990	1992	1993	1994	1995	1996	1997	1998
Total:									
Number	45,526	38,351	34,628	33,466	31,710	29,583	28,487	27,692	28,371
Percent distribution	100	100	100	100	100	100	100	97	100
Infant mortality rate	12.6	9.2	8.4	8.0	7.6	7.3	7.1	7.2	7.2
Congenital anomalies:									
Number	9,220	8,239	7,449	7,129	6,854	6,554	6,381	6,063	6,212
Percent distribution	20	21	22	21	22	22	(NA)	21	22
Infant mortality rate	2.6	2.0	1.8	1.7	1.7	1.6	1.6	1.6	1.6
Disorders relating to short gestation and unspecified low birth weight:									
Number	3,648	4,013	4,035	4,310	4,254	3,933	3,902	3,727	4,101
Percent distribution	8	10	12	13	13	13	(NA)	13	14
Infant mortality rate	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0
Sudden infant death syndrome:									
Number	5,510	5,417	4,891	4,669	4,073	3,397	3,050	2,705	2,822
Percent distribution	12	14	14	14	13	11	(NA)	9	10
Infant mortality rate	1.5	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.7
Respiratory distress syndrome:									
Number	4,989	2,850	2,063	1,815	1,567	1,454	1,362	1,262	1,295
Percent distribution	11	7	6	5	5	5	(NA)	4	5
Infant mortality rate	1.4	0.7	0.5	0.4	0.4	0.4	0.3	0.3	0.3
Newborn affected by maternal complications of pregnancy:									
Number	1,572	1,655	1,461	1,343	1,296	1,309	1,249	1,242	1,343
Percent distribution	4	4	4	4	4	4	(NA)	4	5
Infant mortality rate	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Newborn affected by complications of placenta, cord, and membranes:									
Number	985	975	993	994	948	962	949	927	961
Percent distribution	2	3	3	3	3	3	(NA)	3	3
Infant mortality rate	0.3	0.2	0.2	0.2	(NA)	0.2	0.2	0.2	0.2
Accidents and adverse effects:									
Number	1,166	930	819	898	889	787	804	753	754
Percent distribution	3	2	2	3	3	3	(NA)	3	3
Infant mortality rate	0.3	0.2	0.2	0.2	(NA)	0.2	0.2	0.2	0.2
Infections specific to the perinatal period:									
Number	971	875	901	772	828	788	756	756	815
Percent distribution	2	2	3	2	3	3	(NA)	3	3
Infant mortality rate	0.3	0.2	0.2	0.2	(NA)	0.2	0.2	0.2	0.2
Pneumonia and influenza:									
Number	1,012	634	600	530	559	492	496	397	441
Percent distribution	2	2	2	2	2	2	(NA)	1	2
Infant mortality rate	0.3	0.2	0.1	0.1	(NA)	0.1	0.1	0.1	0.1
Intrauterine hypoxia and birth asphyxia:									
Number	1,497	762	613	549	537	475	428	456	461
Percent distribution	3	2	2	2	2	2	(NA)	2	2
Infant mortality rate	0.4	0.2	0.1	0.1	(NA)	0.1	0.1	0.1	0.1
All other causes:									
Number	14,956	12,001	10,803	10,457	9,905	9,432	9,110	9,404	9,166
Percent distribution	33	31	31	31	30	32	(NA)	33	32
Infant mortality rate	4.1	2.9	2.6	2.5	(NA)	2.3	2.4	2.5	2.3

NA Not available. ¹ Deaths of infants under 1 year old per 1,000 live births.

Source of Tables 102-103: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistics Report*); and unpublished data.

No. 104. Infant Mortality Rates by Race—States: 1980 to 1998

[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 Appendix III]

State	Total ¹				White				Black			
	1980	1990	1995	1998	1980	1990	1995	1998	1980	1990	1995	1998
U.S.	12.6	9.2	7.6	7.2	11.0	7.3	6.3	6.0	21.4	18.0	15.1	14.3
Alabama	15.1	10.8	9.8	10.2	11.6	8.1	7.1	7.7	21.6	16.0	15.2	15.5
Alaska	12.3	10.5	7.7	5.9	9.4	7.6	6.1	4.7	19.5	(B)	(B)	(S)
Arizona	12.4	8.8	7.5	7.5	11.8	7.8	7.2	6.9	18.4	20.6	17.0	20.0
Arkansas	12.7	9.2	8.8	8.9	10.3	8.4	7.2	7.6	20.0	13.9	14.3	14.0
California	11.1	7.9	6.3	5.8	10.6	7.0	5.8	5.3	18.0	16.8	14.4	13.7
Colorado	10.1	8.8	6.5	6.7	9.8	7.8	6.0	6.4	19.1	19.4	16.8	16.0
Connecticut	11.2	7.9	7.2	7.0	10.2	6.3	6.5	5.6	19.1	17.6	12.6	17.4
Delaware	13.9	10.1	7.5	9.6	9.8	9.7	6.0	6.9	27.9	20.1	13.1	18.7
District of Columbia	25.0	20.7	16.2	12.5	17.8	-	(B)	(S)	26.7	24.6	19.6	15.5
Florida	14.6	9.6	7.5	7.2	11.8	6.7	6.0	5.9	22.8	16.8	13.0	12.3
Georgia	14.5	12.4	9.4	8.5	10.8	7.4	6.5	6.0	21.0	18.3	15.1	13.4
Hawaii	10.3	6.7	5.8	6.9	11.6	6.1	(B)	5.3	(S)	(S)	(S)	(S)
Idaho	10.7	8.7	6.1	7.2	10.7	8.6	5.8	7.1	(NA)	(B)	(B)	(S)
Illinois	14.8	10.7	9.4	8.4	11.7	7.9	7.2	6.4	26.3	22.4	18.7	17.2
Indiana	11.9	9.6	8.4	7.6	10.5	7.9	7.3	6.5	23.4	17.4	17.5	17.3
Iowa	11.8	8.1	8.2	6.6	11.5	7.9	7.8	6.2	27.2	21.9	21.2	18.3
Kansas	10.4	8.4	7.0	7.0	9.5	8.0	6.2	7.0	20.6	17.7	17.6	10.0
Kentucky	12.9	8.5	7.6	7.5	12.0	8.2	7.4	6.8	22.0	14.3	10.7	15.4
Louisiana	14.3	11.1	9.8	9.1	10.5	8.1	6.2	5.7	20.6	16.7	15.3	14.0
Maine	9.2	6.2	6.5	6.3	9.4	6.7	6.3	6.4	(B)	(B)	(B)	(S)
Maryland	14.0	9.5	8.9	8.6	11.6	6.8	6.0	5.2	20.4	17.1	15.3	15.3
Massachusetts	10.5	7.0	5.2	5.1	10.1	6.1	4.7	4.9	16.8	11.9	9.0	8.3
Michigan	12.8	10.7	8.3	8.2	10.6	7.4	6.2	6.3	24.2	21.6	17.3	16.8
Minnesota	10.0	7.3	6.7	5.9	9.6	6.7	6.0	5.1	20.0	23.7	17.6	13.4
Mississippi	17.0	12.1	10.5	10.1	11.1	7.4	7.0	6.3	23.7	16.2	14.7	14.8
Missouri	12.4	9.4	7.4	7.7	11.1	7.9	6.4	6.1	20.7	18.2	13.8	16.8
Montana	12.4	9.0	7.0	7.4	11.8	6.0	7.0	7.2	(NA)	(B)	(B)	(S)
Nebraska	11.5	8.3	7.4	7.3	10.7	6.9	7.3	6.7	25.2	18.9	(B)	19.4
Nevada	10.7	8.4	5.7	7.0	10.0	8.2	5.5	6.0	20.6	14.2	(B)	17.3
New Hampshire	9.9	7.1	5.5	4.4	9.9	6.0	5.5	4.3	22.5	(B)	(B)	(S)
New Jersey	12.5	9.0	6.6	6.4	10.3	6.4	5.3	5.0	21.9	18.4	13.3	12.8
New Mexico	11.5	9.0	6.2	7.2	11.3	7.6	6.1	6.9	23.1	(B)	(B)	(S)
New York	12.5	9.6	7.7	6.3	10.8	7.4	6.2	5.3	20.0	18.1	13.9	10.9
North Carolina	14.5	10.6	9.2	9.3	12.1	8.0	6.7	6.5	20.0	16.5	15.9	17.6
North Dakota	12.1	8.0	7.2	8.6	11.7	7.2	6.7	8.2	27.5	(B)	(B)	(S)
Ohio	12.8	9.8	8.7	8.0	11.2	7.8	7.3	7.0	23.0	19.5	17.5	14.2
Oklahoma	12.7	9.2	8.3	8.5	12.1	9.1	8.0	8.1	21.8	14.3	15.1	13.5
Oregon	12.2	8.3	6.1	5.4	12.2	7.0	5.9	5.3	15.9	(B)	(B)	(S)
Pennsylvania	13.2	9.6	7.8	7.1	11.9	7.4	6.2	5.8	23.1	20.5	17.6	15.4
Rhode Island	11.0	8.1	7.2	7.0	10.9	7.0	7.0	6.2	(B)	(B)	(B)	(S)
South Carolina	15.6	11.7	9.6	9.6	10.8	8.1	6.7	6.0	22.9	17.3	14.6	16.2
South Dakota	10.9	10.1	9.5	9.1	9.0	8.0	7.9	7.5	(NA)	(B)	(B)	(S)
Tennessee	13.5	10.3	9.3	8.2	11.9	7.3	6.8	6.3	19.3	17.9	17.9	15.0
Texas	12.2	8.1	6.5	6.4	11.2	6.7	5.9	5.8	18.8	14.7	11.7	11.6
Utah	10.4	7.5	5.4	5.6	10.5	6.0	5.3	5.7	27.3	(B)	(B)	(S)
Vermont	10.7	6.4	6.0	7.0	10.7	5.9	6.2	6.8	(B)	(B)	(B)	(S)
Virginia	13.6	10.2	7.8	7.7	11.9	7.4	5.7	5.7	19.8	19.5	15.3	14.9
Washington	11.8	7.8	5.9	5.7	11.5	7.3	5.6	5.2	16.4	20.6	16.2	13.5
West Virginia	11.8	9.9	7.9	8.0	11.4	8.1	7.6	8.0	21.5	(B)	(B)	(S)
Wisconsin	10.3	8.2	7.3	7.2	9.7	7.7	6.3	6.0	18.5	19.0	18.6	18.7
Wyoming	9.8	8.6	7.7	7.2	9.3	7.5	6.8	5.8	25.9	(S)	(B)	(S)

- Represents zero. B Base figure too small to meet statistical standards for reliability. NA Not available. S Figure does not meet publication standards. ¹ Includes other races, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 105. Deaths and Death Rates by Selected Causes: 1990 to 1998

[2,148.5 represents 2,148,500. Excludes deaths of nonresidents of the United States, except as noted. Deaths classified according to ninth revision of *International Classification of Diseases*; for earlier years, classified according to revision in use at that time. See also Appendix III]

Cause of death	Deaths (1,000)				Crude death rate per 100,000 population ¹			
	1990	1995	1997	1998	1990	1995	1997	1998
All causes	2,148.5	2,312.1	2,314.2	2,337.3	863.8	880.0	864.7	864.7
Major cardiovascular diseases	916.0	951.4	944.1	940.6	368.3	362.1	352.8	348.0
Diseases of heart	720.1	737.6	727.0	724.9	289.5	280.7	271.6	268.2
Percent of total	33.5	31.9	31.4	31.0	33.5	31.9	31.4	31.0
Rheumatic fever and rheumatic heart disease	6.0	5.1	5.0	4.8	2.4	2.0	1.9	1.8
Hypertensive heart disease ²	23.4	25.0	26.6	27.7	9.5	9.5	9.9	10.3
Ischemic heart disease	489.2	481.3	466.1	459.8	196.7	183.2	174.2	170.1
Other diseases of endocardium	13.0	16.2	17.7	18.5	5.2	6.2	6.6	6.9
All other forms of heart disease	188.4	207.4	209.2	211.6	75.8	78.9	78.2	78.3
Hypertension ²	9.2	12.5	13.5	14.3	3.7	4.8	5.1	5.3
Cerebrovascular diseases	144.1	158.0	159.8	158.4	57.9	60.1	59.7	58.6
Atherosclerosis	18.0	16.7	16.1	15.3	7.3	6.4	6.0	5.7
Other	24.6	26.6	27.8	27.7	9.9	10.1	10.4	10.2
Malignancies ³	505.3	538.5	539.6	541.5	203.2	204.9	201.6	200.3
Percent of total	23.5	23.3	23.3	23.2	23.5	23.3	23.3	23.2
Of respiratory and intrathoracic organs	146.4	156.4	158.5	159.7	58.9	59.5	59.2	59.1
Of digestive organs and peritoneum	120.8	126.6	127.1	128.7	48.6	48.2	47.5	47.6
Of genital organs	57.5	60.5	59.0	58.4	23.1	23.0	22.0	21.6
Of breast	43.7	44.2	42.3	42.1	17.6	16.8	15.8	15.6
Of urinary organs	20.7	22.6	23.4	23.8	8.3	8.6	8.7	8.8
Leukemia	18.6	20.1	20.3	20.3	7.5	7.7	7.6	7.5
Accidents and adverse effects	92.0	93.3	95.6	97.8	37.0	35.5	35.7	36.2
Motor vehicle	46.8	43.4	43.5	43.5	18.8	16.5	16.2	16.1
All other	45.2	50.0	52.2	54.3	18.2	19.0	19.5	20.1
Chronic obstructive pulmonary diseases and allied conditions	86.7	102.9	109.0	112.6	34.9	39.2	40.7	41.7
Bronchitis, chronic and unspecified	3.6	3.3	3.1	3.0	1.4	1.3	1.1	1.1
Emphysema	15.7	16.9	17.5	17.6	6.3	6.4	6.5	6.5
Asthma	4.8	5.6	5.4	5.4	1.9	2.1	2.0	2.0
Other	62.6	77.0	83.0	86.6	25.2	29.3	31.0	32.0
Pneumonia and influenza	79.5	82.9	86.4	91.9	32.0	31.6	32.3	34.0
Pneumonia	77.4	82.3	85.7	90.1	31.1	31.3	32.0	33.4
Influenza	2.1	0.6	0.7	1.7	0.8	0.2	0.3	0.6
Diabetes mellitus	47.7	59.3	62.6	64.8	19.2	22.6	23.4	24.0
Suicide	30.9	31.3	30.5	30.6	12.4	11.9	11.4	11.3
Chronic liver disease and cirrhosis	25.8	25.2	25.2	25.2	10.4	9.6	9.4	9.3
Other infectious and parasitic diseases	32.2	50.3	23.3	20.3	13.0	19.1	8.7	7.5
Homicide and legal intervention	24.9	22.9	19.8	18.3	10.0	8.7	7.4	6.8
Nephritis, nephrotic syndrome, and nephrosis	20.8	23.7	25.3	26.2	8.3	9.0	9.5	9.7
Septicemia	19.2	21.0	22.4	23.7	7.7	8.0	8.4	8.8
Certain conditions originating in the perinatal period	17.7	13.5	13.1	13.4	7.1	5.1	4.9	5.0
Congenital anomalies ⁴	13.1	11.9	11.9	11.9	5.3	4.5	4.5	4.4
Benign neoplasms ⁴	6.8	7.8	7.7	7.9	2.7	3.0	2.9	2.9
Ulcer of stomach and duodenum	6.2	5.5	5.1	4.7	2.5	2.1	1.9	1.7
Hernia of abdominal cavity and intestinal obstruction ⁵	5.8	6.2	6.5	6.6	2.3	2.4	2.4	2.5
Anemias	4.1	4.6	4.5	4.5	1.6	1.7	1.7	1.7
Cholelithiasis and other disorders of gall bladder	3.0	2.8	2.8	2.8	1.2	1.0	1.0	1.0
Nutritional deficiencies	3.0	3.6	3.9	4.1	1.2	1.4	1.5	1.5
Tuberculosis	1.8	1.3	1.2	1.1	0.7	0.5	0.4	0.4
Infections of kidney	1.3	0.9	0.8	0.8	0.5	0.3	0.3	0.3
Viral hepatitis	1.6	3.4	4.1	4.8	0.6	1.3	1.5	1.8
Meningitis	1.0	0.8	0.8	0.8	0.4	0.3	0.3	0.3
Acute bronchitis and bronchiolitis	0.6	0.5	0.5	0.5	0.3	0.2	0.2	0.2
Hyperplasia of prostate	0.5	0.4	0.4	0.4	0.2	0.2	0.2	0.2
Symptoms, signs, and ill-defined conditions	24.1	27.3	25.8	26.0	9.7	10.4	9.6	9.6
All other causes	172.9	214.1	235.4	247.6	69.5	81.5	88.0	91.6

¹ 1990 based on resident population enumerated as of April 1. Other years based on resident population estimated as of July 1. ² With or without renal disease. ³ Includes other types of malignancies not shown separately. ⁴ Includes neoplasms of unspecified nature; beginning 1980 also includes carcinoma in situ. ⁵ Without mention of hernia.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Report (NVSR)* (formerly *Monthly Vital Statistics Report*); and unpublished data.

No. 106. Age-Adjusted Death Rates by Selected Causes: 1990 to 1998

[Rates per 100,000 population. For explanation of age-adjustment, see text, this section. The standard population for this table is the total population of the United States enumerated in 1940. See also headnote, Table 105]

Cause of death	1990	1993	1994	1995	1996	1997	1998
All causes	520.2	513.3	507.4	503.9	491.6	479.1	471.7
Major cardiovascular diseases	189.8	181.8	176.8	174.9	170.7	166.1	161.2
Diseases of heart	152.0	145.3	140.4	138.3	134.5	130.5	126.6
Rheumatic fever and rheumatic heart disease	1.5	1.3	1.2	1.1	1.1	1.0	1.0
Hypertensive heart disease ¹	4.8	4.9	5.0	5.1	5.2	5.2	5.3
Ischemic heart disease	102.6	94.9	91.4	89.5	86.7	82.9	79.5
Acute myocardial infarction	53.7	47.5	45.6	43.8	42.0	39.7	38.0
Other diseases of endocardium	2.5	2.6	2.6	2.6	2.7	2.7	2.7
Old myocardial infarction and other	47.8	46.5	45.0	44.9	44.0	42.5	40.9
Hypertension ¹	1.9	2.2	2.2	2.3	2.3	2.3	2.4
Cerebrovascular diseases	27.7	26.5	26.5	26.7	26.4	25.9	25.1
Atherosclerosis	2.7	2.4	2.3	2.3	2.2	2.1	1.9
Intracerebral/intracranial hemorrhage	5.2	5.1	5.0	5.1	5.2	5.6	5.5
Cerebral thrombosis	3.3	2.5	2.4	2.2	2.0	1.8	1.6
Cerebral embolism	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Malignancies ²	135.0	132.6	131.5	129.9	127.9	125.6	123.6
Of respiratory and intrathoracic organs	41.4	40.8	40.1	39.7	39.3	38.7	38.2
Of digestive organs and peritoneum	30.2	29.5	29.3	29.1	28.5	28.2	28.1
Of genital organs	13.6	13.2	13.2	12.8	12.5	12.0	11.7
Of breast	12.7	11.8	11.6	11.5	11.0	10.5	10.2
Of urinary organs	5.1	5.0	5.1	5.1	5.1	5.0	5.0
Leukemia	5.0	4.9	4.9	4.8	4.8	4.7	4.6
Of lip, oral cavity, and pharynx	2.4	2.3	2.1	2.1	2.1	2.0	2.0
Accidents and adverse effects	32.5	30.3	30.3	30.5	30.4	30.1	30.1
Motor vehicle	18.5	16.0	16.1	16.3	16.2	15.9	15.6
All other	14.0	14.4	14.2	14.2	14.2	14.2	14.4
Chronic obstructive pulmonary diseases and allied conditions ³	19.7	21.4	21.0	20.8	21.0	21.1	21.3
Bronchitis, chronic and unspecified	0.8	0.8	0.7	0.6	0.6	0.6	0.5
Emphysema	3.7	3.9	3.7	3.6	3.6	3.6	3.6
Asthma	1.4	1.4	1.5	1.5	1.5	1.4	1.4
Other	13.7	15.2	15.1	15.0	15.2	15.5	15.7
Pneumonia and influenza	14.0	13.5	13.0	12.9	12.8	12.9	13.2
Pneumonia	13.7	13.3	12.8	12.8	12.7	12.8	13.0
Influenza	0.3	0.2	0.2	0.1	0.1	0.1	0.2
Diabetes mellitus	11.7	12.4	12.9	13.3	13.6	13.5	13.6
Suicide	11.5	11.3	11.2	11.2	10.8	10.6	10.4
Chronic liver disease and cirrhosis	8.6	7.9	7.9	7.6	7.5	7.4	7.2
Homicide and legal intervention	10.2	10.7	10.3	9.4	8.5	8.0	7.3
Nephritis, nephrotic syndrome, and renal failure	3.9	4.1	3.9	4.0	3.9	4.1	4.4
Acute glomerulonephritis/nephrotic syndrome	0.1	(NA)	0.1	-	-	-	-
Septicemia	4.1	4.1	4.0	4.1	4.1	4.2	4.4
Other infectious and parasitic diseases	12.0	15.9	17.5	17.6	13.0	7.6	6.5
Benign neoplasms ⁴	1.7	1.7	1.7	1.7	1.7	1.6	1.6
Ulcer of stomach and duodenum	1.3	1.2	1.2	1.0	0.9	0.9	0.8
Hernia of abdominal cavity and intestinal obstruction ⁵	1.1	1.0	1.1	1.0	1.0	1.0	1.0
Anemias	0.9	0.9	0.9	0.9	0.8	0.8	0.8
Cholelithiasis and other disorders of gallbladder	0.6	0.5	0.5	0.5	0.5	0.5	0.5
Nutritional deficiencies	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Tuberculosis	0.5	0.4	0.4	0.3	0.3	0.3	0.2
Tuberculosis of respiratory system	0.4	0.3	0.3	0.2	0.2	0.2	0.2
Other tuberculosis	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Infections of kidney	0.2	0.2	0.2	0.2	0.2	0.1	0.1
Viral hepatitis	0.5	0.8	0.9	1.0	1.1	1.2	1.4
Meningitis	0.3	0.3	0.3	0.2	0.3	0.3	0.2
Acute bronchitis and bronchiolitis	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Hyperplasia of prostate	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Symptoms, signs, and ill-defined conditions	7.3	7.4	6.8	7.2	6.6	6.4	6.2
Meningococcal infection	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Angina pectoris	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Appendicitis	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Complications of pregnancy, childbirth	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Congenital anomalies	5.0	4.6	4.5	4.4	4.3	4.2	4.2
Perinatal period conditions	6.9	5.9	4.8	5.4	5.3	5.3	5.5
Birth trauma, intrauterine hypoxia, etc.	1.5	1.0	0.9	0.9	0.8	0.8	0.8

- Represents or rounds to zero. NA Not available. ¹ With or without renal disease. ² Includes other types of malignancies not shown separately. ³ Prior to 1980, data are shown for bronchitis, emphysema, and asthma. ⁴ Includes neoplasms of unspecified nature; also includes carcinoma in situ. ⁵ Without mention of hernia.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Report (NVSR)* (formerly *Monthly Vital Statistics Report*); and unpublished data.

No. 107. Deaths by Selected Causes and Selected Characteristics: 1998

[Excludes deaths of nonresidents of the United States. Deaths classified according to ninth revision of *International Classification of Diseases*. See also Appendix III]

Age, sex, and race	Total ¹	Heart disease	Cancer	Accidents and adverse effects	Cerebrovascular diseases	Chronic obstructive pulmonary diseases ²	Pneumonia	Suicide	Chronic liver disease, cirrhosis	Diabetes mellitus	Homicide and legal intervention
	ALL RACES ³										
Both sexes, total ⁴	2,337,256	724,859	541,532	97,835	158,448	112,584	90,147	30,575	25,192	64,751	18,272
Under 1 years old	28,371	609	78	754	296	39	435	-	16	2	322
1 to 4 years old	5,251	214	365	1,935	57	49	143	-	1	6	399
5 to 14 years old	7,791	326	1,013	3,254	82	152	107	324	4	20	460
15 to 24 years old	30,627	1,057	1,699	13,349	178	239	205	4,135	22	137	5,506
25 to 34 years old	42,516	3,207	4,385	12,045	670	328	530	5,365	506	636	4,565
35 to 44 years old	88,866	13,593	17,022	15,127	2,650	884	1,383	6,837	3,370	1,885	3,567
45 to 54 years old	146,479	35,056	45,747	10,946	5,709	2,828	2,146	5,131	5,744	4,386	1,744
55 to 64 years old	233,724	65,068	87,024	7,340	9,653	10,162	3,795	2,963	5,279	8,705	766
65 to 74 years old	458,982	135,295	154,753	8,892	23,912	31,102	10,853	2,597	5,655	16,490	468
75 to 84 years old	681,663	226,769	158,517	12,711	54,428	43,718	28,344	2,355	3,703	20,529	318
85 years old and over	612,575	243,609	70,916	11,372	60,804	23,076	42,201	851	887	11,955	101
WHITE											
Both sexes, total ⁴	2,015,984	635,549	470,139	82,178	136,855	104,061	79,992	27,648	21,771	51,706	9,241
Under 1 years old	18,561	405	68	511	198	20	251	-	11	2	188
1 to 4 years old	3,628	136	289	1,388	34	23	96	-	-	5	199
5 to 14 years old	5,613	224	802	2,336	58	78	77	274	3	17	267
15 to 24 years old	22,296	693	1,371	11,170	128	129	131	3,434	17	86	2,262
25 to 34 years old	30,080	2,138	3,417	9,745	445	168	340	4,559	401	427	2,110
35 to 44 years old	65,347	9,702	13,234	12,281	1,698	578	913	6,278	2,737	1,341	1,961
45 to 54 years old	112,156	26,733	36,605	8,727	3,721	2,231	1,551	4,753	4,671	3,104	1,044
55 to 64 years old	189,312	52,095	72,770	6,071	7,007	9,028	2,978	2,793	4,479	6,334	504
65 to 74 years old	394,664	115,449	135,114	7,700	19,473	28,791	9,217	2,456	5,123	12,885	333
75 to 84 years old	612,181	203,633	142,444	11,571	48,202	41,232	25,427	2,262	3,488	17,212	242
85 years old and over	561,836	224,310	64,016	10,580	55,887	21,776	39,010	824	838	10,293	83
BLACK											
Both sexes, total ⁴	278,440	78,294	61,193	12,801	18,237	7,205	8,293	1,977	2,697	11,378	8,420
Under 1 years old	8,726	166	8	223	90	16	147	-	5	-	123
1 to 4 years old	1,397	64	60	470	20	24	43	-	1	1	187
5 to 14 years old	1,815	89	165	761	22	64	27	31	1	3	163
15 to 24 years old	7,159	325	248	1,654	41	105	60	488	3	49	3,095
25 to 34 years old	10,804	986	767	1,810	197	143	161	546	59	193	2,296
35 to 44 years old	21,005	3,561	3,196	2,400	865	286	431	388	487	507	1,486
45 to 54 years old	30,265	7,513	7,787	1,872	1,762	547	537	262	873	1,105	631
55 to 64 years old	38,813	11,573	12,302	1,047	2,263	994	725	110	640	2,062	229
65 to 74 years old	55,607	17,480	16,848	978	3,696	1,968	1,348	89	432	3,137	116
75 to 84 years old	59,415	19,997	13,793	928	5,134	2,045	2,338	50	162	2,855	68
85 years old and over	43,341	16,517	6,015	646	4,142	1,013	2,472	11	32	1,466	18

- Represents zero. ¹ Includes other causes, not shown separately. ² Includes allied conditions. ³ Includes other races, not shown separately. ⁴ Includes those deaths with age not stated.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 108. Deaths by Age and Leading Cause: 1998

[Excludes deaths of nonresidents of the United States. Deaths classified according to ninth revision of *International Classification of Diseases*. See also Appendix III]

Age and leading cause of death	Number of deaths			Death rate per 100,000 population		
	Total	Male	Female	Total	Male	Female
All ages ¹	2,337,256	1,157,260	1,179,996	864.7	876.4	853.5
1 to 4 yrs. old, total	5,251	2,920	2,331	34.6	37.6	31.4
Leading causes of death:						
Accidents	1,935	1,155	780	12.7	14.9	10.5
Congenital anomalies	564	287	277	3.7	3.7	3.7
Malignant neoplasms (cancer)	365	189	176	2.4	2.4	2.4
Homicide and legal intervention	399	223	176	2.6	2.9	2.4
Heart disease	214	114	100	1.4	1.5	1.3
HIV infection ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Pneumonia and influenza	146	73	73	1.0	0.9	1.0
Certain conditions originating in the perinatal period	75	37	38	0.5	0.5	0.5
Septicemia	89	54	35	0.6	0.7	0.5
Cerebrovascular diseases	57	(NA)	32	0.4	(NA)	0.4
5 to 14 yrs. old, total	7,791	4,686	3,105	19.9	23.4	16.2
Leading causes of death:						
Accidents	3,254	2,086	1,158	8.3	10.4	6.1
Malignant neoplasms (cancer)	1,013	582	431	2.6	2.9	2.3
Homicide and legal intervention	460	257	203	1.2	1.3	1.1
Congenital anomalies	371	197	174	0.9	1.0	0.9
Suicide	324	241	83	0.8	1.2	0.4
Heart disease	326	191	135	0.8	1.0	0.7
HIV infections ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chronic obstructive pulmonary diseases	152	88	64	0.4	0.4	0.3
Pneumonia and influenza	121	57	64	0.3	0.3	0.3
Benign neoplasms & carcinoma in situ	84	46	38	0.2	0.2	0.2
15 to 24 yrs. old, total	30,627	22,717	7,910	82.3	119.3	43.5
Leading causes of death:						
Accidents	13,349	9,887	3,462	35.9	51.9	19.1
Homicide and legal intervention	5,506	4,720	786	14.8	24.8	4.3
Suicide	4,135	3,532	603	11.1	18.5	3.3
Malignant neoplasms (cancer)	1,699	1,029	670	4.6	5.4	3.7
Heart disease	1,057	672	385	2.8	3.5	2.1
HIV infection ²	194	93	101	0.5	0.5	0.6
Congenital anomalies	450	256	194	1.2	1.3	1.1
Chronic obstructive pulmonary disease	239	149	90	0.6	0.8	0.5
Pneumonia and influenza	215	109	106	0.6	0.6	0.6
Cerebrovascular diseases	178	109	(NA)	0.5	0.6	(NA)
25 to 44 yrs. old, total	131,382	86,354	45,028	157.7	208.8	107.4
Leading causes of death:						
HIV infection ²	8,658	6,509	2,149	10.4	15.7	5.1
Accidents	27,172	20,232	6,940	32.6	48.9	16.5
Malignant neoplasms (cancer)	21,407	9,684	11,723	25.7	23.4	28.0
Heart disease	16,800	11,796	5,004	20.2	28.5	11.9
Suicide	12,202	9,700	2,502	14.6	23.5	6.0
Homicide and legal intervention	8,132	6,210	1,922	9.8	15.0	4.6
Chronic liver disease and cirrhosis	3,876	2,670	1,206	4.7	6.5	2.9
Cerebrovascular diseases	3,320	1,703	1,617	4.0	4.1	3.9
Diabetes mellitus	2,521	1,507	1,014	3.0	3.6	2.4
Pneumonia and influenza	1,931	1,118	813	2.3	2.7	1.9
45 to 64 yrs. old, total	380,203	231,861	148,342	664.0	836.9	501.9
Leading causes of death:						
Malignant neoplasms (cancer)	132,771	70,796	62,035	231.9	255.3	209.9
Heart disease	100,124	70,138	29,986	174.9	253.2	101.5
Accidents	18,286	12,971	5,315	31.9	46.8	18.0
Cerebrovascular diseases	15,362	8,466	6,896	26.8	30.6	23.3
Chronic obstructive pulmonary diseases	12,990	6,737	6,253	22.7	24.3	21.2
Diabetes mellitus	13,091	7,139	5,952	22.9	25.8	20.1
Chronic liver disease and cirrhosis	11,023	8,031	2,992	19.3	29.0	10.1
HIV infection ²	4,099	3,352	(NA)	7.2	12.1	(NA)
Suicide	8,094	6,201	1,893	14.1	22.4	6.4
Pneumonia and influenza	6,023	3,589	2,434	10.5	13.0	8.2
65 yrs. old and over, total	1,753,220	792,612	960,608	5,096.4	5,582	4,755
Leading causes of death:						
Heart disease	605,673	270,637	335,036	1,760.6	1,906	1,658
Malignant neoplasms (cancer)	384,186	199,794	184,392	1,116.8	1,407	913
Cerebrovascular diseases	139,144	50,616	88,528	404.5	356.5	438.2
Chronic obstructive pulmonary diseases	97,896	49,376	48,520	284.6	347.8	240.2
Pneumonia and influenza	82,989	35,790	47,199	241.2	252.1	233.6
Diabetes mellitus	48,974	20,862	28,112	142.4	146.9	139.1
Accidents	32,975	16,176	16,799	95.9	113.9	83.2
Alzheimer's disease	22,416	6,913	15,503	65.2	48.7	76.7
Nephritis, nephrotic syndrome, and nephrosis	22,640	10,533	12,107	65.8	74.2	59.9
Septicemia	19,012	7,687	11,325	55.3	54.1	56.1

NA Not available. ¹ Includes those deaths with age not stated. ² Human immunodeficiency virus.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 109. Death Rates by Leading Cause—States: 1997

[Deaths per 100,000 resident population enumerated as of April 1. By place of residence. Excludes nonresidents of the United States. Causes of death classified according to ninth revisions of International Classification of Diseases]

State	Total ¹	Heart disease	Cancer	Cerebrovascular diseases ²	Accidents and adverse effects	Motor vehicle accidents	Chronic obstructive pulmonary diseases ²	Diabetes mellitus	HIV ³	Suicide	Homicide
U.S.	864.7	268.2	200.3	58.6	36.2	16.1	41.7	24.0	5.0	11.3	6.8
AL	1,001.5	309.7	222.4	67.3	50.6	25.3	45.6	30.1	4.0	13.1	10.5
AK	422.6	91.9	106.0	24.9	40.9	11.7	18.2	10.4	(S)	21.0	8.0
AZ	813.7	225.8	181.6	52.9	47.7	20.2	51.4	21.6	3.0	17.2	9.5
AR	1,103.7	333.3	234.8	92.8	50.7	26.8	49.0	25.5	2.6	13.6	9.2
CA	696.0	213.5	157.4	50.5	28.4	11.6	37.8	17.9	4.4	10.5	7.4
CO	658.3	167.3	146.4	43.8	38.5	16.7	46.2	14.3	2.1	15.4	4.7
CT	899.6	294.4	217.0	59.5	32.6	10.4	38.0	20.3	5.1	7.8	4.4
DE	889.9	257.8	222.2	49.4	38.9	15.6	44.0	31.2	7.4	9.1	4.0
DC	1,158.7	317.7	259.4	60.2	39.6	10.7	30.2	36.9	47.8	8.2	41.9
FL	1,054.3	342.8	255.9	67.6	39.4	19.7	54.9	27.0	10.4	14.6	7.3
GA	792.8	235.1	171.8	54.4	41.3	21.7	35.9	18.2	9.1	10.8	8.8
HI	665.1	206.0	165.0	55.2	25.1	10.4	22.3	16.9	1.8	9.7	2.3
ID	741.7	197.1	170.0	57.3	46.5	21.9	43.9	19.4	(S)	16.4	2.8
IL	865.1	272.4	204.5	59.5	32.3	12.6	37.7	22.7	4.1	8.6	9.2
IN	906.0	279.4	214.5	66.0	37.3	17.7	46.8	24.2	1.7	11.8	7.0
IA	970.9	319.6	224.6	77.1	38.2	16.1	50.3	23.0	(S)	11.5	2.3
KS	915.3	274.1	194.4	69.6	43.8	20.9	45.6	24.4	1.0	12.4	6.0
KY	972.3	302.9	225.5	63.2	43.6	20.9	49.9	27.8	2.0	13.4	6.4
LA	919.3	271.6	214.2	57.8	44.4	22.5	35.8	41.8	8.3	11.0	13.6
ME	965.6	286.3	234.6	63.3	36.0	14.5	61.8	26.8	(S)	15.8	2.3
MD	820.4	232.5	198.6	51.3	27.2	12.6	33.3	28.1	9.8	9.7	11.3
MA	893.9	260.4	224.7	54.0	21.7	7.9	41.4	22.8	3.5	8.2	2.0
MI	852.3	285.3	197.6	58.8	31.9	15.0	38.8	24.8	2.8	9.9	7.9
MN	787.8	198.3	186.2	60.5	36.6	14.3	36.9	23.2	1.2	9.7	2.5
MS	1,007.3	346.6	216.5	66.0	62.4	35.0	41.5	23.1	5.1	12.0	13.0
MO	1,005.6	330.4	226.9	71.7	45.1	21.1	50.1	25.6	2.7	12.8	7.9
MT	884.0	227.8	207.3	65.8	52.4	24.9	57.4	22.4	(S)	17.9	3.1
NE	922.3	284.7	197.1	69.6	40.7	20.8	47.2	20.3	1.4	12.3	3.4
NV	797.9	235.8	201.7	46.5	38.1	20.0	54.2	13.3	4.2	22.7	9.8
NH	806.5	239.1	205.4	52.1	28.9	11.8	48.3	22.4	(S)	13.0	(S)
NJ	895.8	288.2	222.2	50.4	27.3	9.6	34.4	28.6	9.0	7.2	4.1
NM	731.5	185.4	157.8	41.4	57.3	22.2	44.0	24.3	2.4	17.1	9.7
NY	874.7	327.5	203.1	42.8	25.7	9.3	35.4	19.8	12.1	7.5	5.4
NC	889.2	258.3	203.5	72.1	43.4	22.2	42.5	26.1	5.8	11.4	8.9
ND	919.5	272.3	209.8	72.2	46.4	18.5	42.6	29.8	(S)	11.3	(S)
OH	941.7	297.6	222.5	59.9	31.6	12.9	48.2	30.8	2.0	9.9	4.0
OK	1,023.3	337.6	212.4	68.4	48.1	23.2	52.3	27.7	2.5	14.1	6.9
OR	887.0	222.1	212.4	79.9	42.8	16.8	49.1	26.1	1.7	16.6	4.4
PA	1,064.3	345.1	248.5	68.5	38.1	13.8	46.6	29.2	4.0	11.4	5.3
RI	994.5	310.6	250.9	59.8	24.5	8.7	45.9	26.4	2.6	8.7	2.4
SC	896.0	261.4	200.9	75.6	47.0	25.9	40.9	25.8	7.0	11.7	9.2
SD	930.3	285.6	211.9	72.9	48.8	22.4	42.9	27.9	(S)	15.6	(S)
TN	981.1	304.1	220.8	72.9	48.4	22.5	48.6	24.8	4.3	13.7	9.1
TX	734.5	216.5	163.5	49.7	37.6	19.1	33.4	24.8	4.7	10.8	7.4
UT	562.3	137.2	112.9	37.9	34.0	18.8	23.0	22.3	(S)	16.0	3.0
VT	857.9	242.7	205.3	55.8	36.6	13.9	42.3	22.5	(S)	14.6	(S)
VA	799.7	235.9	189.8	56.2	34.4	13.9	36.5	19.6	4.5	12.2	6.6
WA	739.0	202.4	180.6	60.3	34.3	13.2	42.2	21.1	2.0	12.4	4.1
WV	1,150.0	380.0	260.8	67.1	46.4	20.7	63.3	39.9	1.1	12.8	4.9
WI	868.4	262.0	208.7	69.8	36.8	14.5	39.5	24.4	1.1	11.4	3.7
WY	780.6	218.5	175.7	60.1	48.0	28.1	49.9	23.9	(S)	18.1	(S)

S Figure does not meet publication standards. ¹ Includes other causes not shown separately. ² Includes allied conditions. ³ Human immunodeficiency virus.

Source: U.S. National Center for Health Statistics, *National Vital Statistics Report (NVSR)*.

No. 110. Estimated Persons Living With Acquired Immunodeficiency Syndrome (AIDS) by Selected Characteristics: 1994 to 1999

[These numbers do not represent actual cases of persons living with AIDS. Rather, these numbers are point estimates of persons living with AIDS derived by subtracting the estimated cumulative number of deaths in persons with AIDS from the estimated cumulative number of persons with AIDS. Estimated AIDS cases and estimated deaths are adjusted for reporting delays and for redistribution of cases initially reported with no identified risk, but not for incomplete reporting. See source, "Technical notes"]

Characteristic	1994	1995	1996	1997	1998	1999
Total	197,060	216,010	239,382	267,311	292,286	317,368
RACE/ETHNICITY						
White, not Hispanic	86,417	91,302	98,119	106,734	114,079	121,485
Black, not Hispanic	71,818	81,152	92,167	105,142	117,110	128,941
Hispanic	36,448	40,891	46,016	51,927	57,201	62,573
Asian/Pacific Islander	1,457	1,613	1,854	2,082	2,304	2,579
American Indian/Alaska Native	668	723	804	888	966	1,068
MALE ADULT/ADOLESCENT EXPOSURE CATEGORY						
Male total	161,081	174,361	191,410	212,348	231,022	249,951
Men who have sex with men	94,694	100,938	110,272	121,981	132,441	143,108
Injecting drug use	40,046	44,345	48,763	53,812	58,118	62,418
Men who have sex with men and inject drugs	14,884	15,687	16,453	17,698	18,682	19,553
Hemophilia/coagulation disorder	1,699	1,729	1,740	1,788	1,825	1,853
Heterosexual contact	7,903	9,760	12,174	14,907	17,627	20,495
Receipt of blood transfusion, blood components, or tissue	914	963	1,035	1,140	1,253	1,375
Risk not reported or identified	940	937	974	1,023	1,080	1,151
FEMALE ADULT/ADOLESCENT EXPOSURE CATEGORY						
Female total	32,702	38,234	44,484	51,386	57,578	63,682
Injecting drug use	16,244	18,352	20,357	22,661	24,457	26,122
Hemophilia/coagulation disorder	108	137	164	201	229	248
Heterosexual contact	15,131	18,478	22,566	26,974	31,187	35,445
Receipt of blood transfusion, blood components, or tissue	843	888	980	1,088	1,203	1,318
Risk not reported or identified	376	379	416	463	504	548
Pediatric ¹ exposure category	3,277	3,415	3,487	3,577	3,682	3,732

¹ Less than 13 years old.

Source: Centers for Disease Control and Prevention, HIV/AIDS Surveillance Report, annual.

No. 111. Death Rates From Heart Disease by Sex and Age: 1980 to 1998

[Deaths per 100,000 population in specified age groups. Beginning 1970, excludes deaths of nonresidents of the United States. Beginning 1980, deaths classified according to the ninth revision of the International Classification of Diseases. For earlier years, classified according to the revision in use at the time; see text, this section. See Appendix III]

Age at death and selected type of heart disease	Male					Female				
	1980	1990	1995	1997	1998	1980	1990	1995	1997	1998
Total U.S. rate ¹	369	298	283	272	267	305	282	279	271	268
25 to 34 years	11	10	11	11	10	5	5	6	6	6
35 to 44 years old	69	48	47	44	42	21	15	17	17	16
45 to 54 years old	283	183	169	158	149	85	61	56	54	52
55 to 64 years old	747	537	465	435	405	272	216	194	182	173
65 to 74 years old	1,728	1,250	1,102	1,031	996	829	617	558	529	524
75 to 84 years old	3,834	2,968	2,615	2,444	2,382	2,497	1,894	1,715	1,617	1,587
85 years old and over	8,753	7,418	7,040	6,659	6,354	7,351	6,478	6,268	6,014	5,898
Persons 45 to 54 years old:										
Ischemic heart	217.3	123.8	107.5	98.0	90.9	52.2	33.6	29.4	27.8	25.3
Rheumatic heart	3.1	1.1	0.7	0.8	0.9	4.3	1.9	1.3	1.3	1.1
Hypertensive heart ²	8.3	7.6	8.8	9.4	8.9	5.5	4.3	3.9	4.2	4.0
Persons 55 to 64 years old:										
Ischemic heart	581.1	375.4	312.6	286.0	264.7	189.0	135.4	116.8	108.2	101.3
Rheumatic heart	6.2	3.4	2.2	2.0	1.8	9.2	4.7	3.4	2.9	3.1
Hypertensive heart ²	21.8	18.1	18.2	18.2	19.1	13.3	10.9	9.3	9.6	9.6
Persons 65 to 74 years old:										
Ischemic heart	1,355.5	898.5	770.5	712.1	684.1	605.3	415.2	362.8	336.5	329.3
Rheumatic heart	11.8	7.1	4.5	4.3	4.0	18.6	10.5	8.3	7.5	7.5
Hypertensive heart ²	44.3	33.2	30.9	31.6	31.4	36.2	25.9	22.1	21.7	22.4
Persons 75 to 84 years old:										
Ischemic heart	2,953.7	2,129.6	1,824.0	1,688.0	1,636.6	1,842.7	1,287.6	1,116.3	1,032.3	1,007.8
Rheumatic heart	16.7	12.3	10.7	10.3	9.1	25.4	22.5	17.9	15.9	15.2
Hypertensive heart ²	90.7	67.9	59.7	58.5	59.3	101.1	69.7	62.4	61.4	61.6
Persons 85 years old and over:										
Ischemic heart	6,501.6	5,120.7	4,674.4	4,370.7	4,145.7	5,280.6	4,257.8	3,948.8	3,711.0	3,594.8
Rheumatic heart	19.5	18.7	21.5	21.0	17.2	25.8	33.3	28.8	29.2	28.6
Hypertensive heart ²	180.3	154.3	154.9	161.4	159.2	250.8	212.1	223.2	235.7	235.7

¹ Includes persons under 25 years old, not shown separately. ² With or without renal disease.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 112. Death Rates From Cancer by Sex and Age: 1990 to 1998

[Deaths per 100,000 population in the specified age groups. See headnote, Table 111]

Age at death and selected type of cancer	Male					Female				
	1990	1995	1996	1997	1998	1990	1995	1996	1997	1998
Total ¹	221.3	219.5	217.2	214.6	213.6	186.0	191.0	190.2	189.2	187.7
25 to 34 years	12.6	11.7	11.5	11.5	10.9	12.6	12.2	12.6	11.7	11.7
35 to 44 years	38.5	36.5	35.6	34.5	34.4	48.1	44.0	42.9	43.1	42.1
45 to 54 years	162.5	143.7	140.7	138.0	136.5	155.5	140.7	135.2	132.3	128.2
55 to 64 years	532.9	480.5	469.1	453.4	441.1	375.2	357.5	349.6	343.2	331.6
65 to 74 years	1,122.2	1,089.9	1,080.9	1,058.4	1,045.5	677.4	690.7	685.2	676.8	675.2
75 to 84 years	1,914.4	1,842.3	1,802.7	1,770.2	1,745.6	1,010.3	1,061.5	1,060.0	1,050.6	1,048.6
85 years old and over	2,739.9	2,837.3	2,733.1	2,712.5	2,562.6	1,372.1	1,429.1	1,426.8	1,439.2	1,412.5
Persons, 35 to 44 years old:										
Respiratory, intrathoracic	9.1	7.6	7.8	7.5	7.5	5.4	5.1	5.3	5.6	5.5
Digestive organs, peritoneum	8.9	8.9	8.7	8.5	8.4	5.5	5.5	5.5	5.7	5.6
Breast	(B)	(B)	(B)	(B)	(B)	17.8	15.0	14.2	14.0	13.4
Genital organs	0.6	0.7	0.6	0.6	0.7	7.3	6.7	6.5	6.3	6.4
Lymphatic and hematopoietic tissues, excl. leukemia	4.5	4.9	4.6	4.3	3.9	2.1	2.3	2.2	2.3	1.9
Urinary organs	1.5	1.5	1.4	1.3	1.5	0.6	0.7	0.6	0.7	0.7
Lip, oral cavity, and pharynx	1.3	1.1	1.1	1.1	1.0	0.3	0.4	0.4	0.4	0.4
Leukemia	2.5	2.4	2.1	2.1	2.5	2.2	1.7	1.7	1.7	1.7
Persons, 45 to 54 years old:										
Respiratory, intrathoracic	63.0	49.9	48.5	45.2	43.6	35.3	30.1	29.0	27.5	26.7
Digestive organs, peritoneum	40.4	37.3	36.6	38.4	39.4	23.3	21.0	20.2	20.1	20.8
Breast	0.3	0.3	0.2	0.2	0.2	45.4	41.4	38.8	37.8	35.8
Genital organs	2.9	2.6	2.9	2.7	2.6	19.4	17.6	16.4	17.1	16.6
Lymphatic and hematopoietic tissues, excl. leukemia	10.9	11.0	10.3	10.9	10.2	6.0	6.2	6.2	5.8	5.6
Urinary organs	7.2	7.1	6.9	7.0	7.2	2.9	2.8	2.8	3.0	2.6
Lip, oral cavity, and pharynx	5.9	5.3	4.9	5.0	4.8	1.6	1.3	1.2	1.4	1.3
Leukemia	5.6	4.8	5.1	4.9	4.6	4.1	3.5	3.5	3.5	3.3
Persons, 55 to 64 years old:										
Respiratory, intrathoracic	232.6	196.1	190.7	182.7	176.4	107.6	104.8	102.2	100.7	99.7
Digestive organs, peritoneum	124.0	120.9	117.1	115.4	112.5	69.3	66.0	63.6	62.7	61.3
Breast	0.6	0.7	0.6	0.7	0.5	78.6	69.8	67.4	64.4	62.2
Genital organs	27.9	23.6	22.2	20.5	20.1	40.1	37.2	37.1	36.1	35.1
Lymphatic and hematopoietic tissues, excl. leukemia	27.2	27.7	27.8	27.6	26.5	16.7	18.6	18.6	18.9	17.2
Urinary organs	23.5	21.9	22.1	21.6	21.7	8.8	9.1	8.7	8.7	8.5
Lip, oral cavity, and pharynx	16.2	12.7	12.8	11.7	12.1	4.7	4.3	4.1	3.7	3.7
Leukemia	14.7	14.5	14.0	13.8	12.8	8.8	8.7	8.5	8.7	7.9
Persons, 65 to 74 years old:										
Respiratory, intrathoracic	447.3	432.4	424.6	418.8	416.4	181.7	205.0	209.0	212.0	215.3
Digestive organs, peritoneum	267.4	256.9	255.0	252.4	250.9	153.0	149.9	147.1	141.8	143.5
Breast	1.1	1.1	1.2	1.2	0.9	111.7	103.3	99.1	94.1	93.3
Genital organs	123.5	110.0	107.8	98.7	92.6	71.0	66.7	65.9	65.6	64.6
Lymphatic and hematopoietic tissues, excl. leukemia	56.8	61.3	61.6	63.5	61.9	39.5	44.0	43.0	43.5	42.8
Urinary organs	50.7	50.9	52.7	51.6	52.2	19.8	19.8	20.0	20.0	19.7
Lip, oral cavity, and pharynx	21.5	19.3	19.1	19.2	18.0	8.3	7.5	6.6	7.0	6.5
Leukemia	36.0	37.2	37.1	37.4	36.8	18.8	18.9	20.0	19.2	18.9
Persons, 75 to 84 years old:										
Respiratory, intrathoracic	594.4	573.4	566.9	562.9	553.2	194.5	245.1	251.1	258.9	262.8
Digestive organs, peritoneum	468.0	418.7	418.7	415.7	412.1	293.3	283.4	280.5	274.2	271.5
Breast	1.6	2.4	2.3	2.1	2.5	146.3	142.0	139.8	132.2	131.4
Genital organs	358.5	333.9	321.7	301.3	291.6	95.3	96.3	95.0	93.5	93.7
Lymphatic and hematopoietic tissues, excl. leukemia	104.5	109.3	113.4	114.1	112.6	71.2	80.3	80.2	80.7	82.4
Urinary organs	107.5	105.4	101.0	102.5	101.3	38.5	39.3	39.9	39.8	39.2
Lip, oral cavity, and pharynx	26.1	23.2	21.1	20.5	21.8	11.6	10.3	10.5	10.4	10.2
Leukemia	71.9	75.1	71.4	71.6	71.9	38.8	39.9	40.8	37.9	39.4
Persons, 85 years old and over:										
Respiratory, intrathoracic	538.0	543.2	543.2	568.8	532.5	142.8	187.5	190.6	203.2	202.5
Digestive organs, peritoneum	699.5	644.0	644.0	628.2	598.8	497.6	478.8	478.3	477.9	469.9
Breast	2.4	4.2	4.2	3.3	4.0	196.8	203.7	204.9	198.5	194.7
Genital organs	750.0	821.5	775.2	767.4	705.0	115.6	120.5	117.5	117.3	114.6
Lymphatic and hematopoietic tissues, excl. leukemia	140.5	154.2	153.7	148.8	153.1	90.0	100.4	98.0	103.9	98.3
Urinary organs	186.3	192.2	192.8	186.0	186.4	68.5	68.4	67.4	70.8	67.8
Lip, oral cavity, and pharynx	37.4	34.1	29.6	29.1	29.9	17.5	17.7	16.3	16.7	18.2
Leukemia	116.0	123.0	120.7	115.7	102.2	65.0	65.5	64.6	65.3	65.8

B Base figure too small to meet statistical standards for reliability. ¹ Includes persons under 25 years of age and malignant neoplasms of other and unspecified sites, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 113. Death Rates From Accidents and Violence by Race and Sex: 1990 to 1998

[Rates are per 100,000 population. Excludes deaths of nonresidents of the United States. Deaths classified according to the ninth revision of the *International Classification of Diseases*. See text, this section. See Appendix III]

Cause of death	White						Black					
	Male			Female			Male			Female		
	1990	1995	1998	1990	1995	1998	1990	1995	1998	1990	1995	1998
Motor vehicle accidents	26.1	22.6	21.9	11.4	10.8	10.7	28.1	24.6	22.2	9.4	9.0	9.4
All other accidents	23.6	24.7	26.0	12.4	13.5	15.5	32.7	31.6	29.3	13.4	13.5	12.8
Suicide	22.0	21.4	20.3	5.3	(NA)	4.8	12.0	(NA)	10.2	2.3	(NA)	1.8
Homicide	9.0	(NA)	6.1	2.8	(NA)	2.2	69.2	56.3	42.1	13.5	(NA)	8.6

NA Not available.

No. 114. Deaths and Death Rates From Accidents by Type: 1980 to 1998

[See headnote, Table 113, and Appendix III]

Type of accident	Deaths (number)					Rate per 100,000 population				
	1980	1990	1996	1997	1998	1980	1990	1996	1997	1998
Total	105,718	91,983	(NA)	(NA)	(NA)	46.7	37.0	(NA)	35.7	36.2
Motor vehicle accidents	53,172	46,814	43,649	43,458	43,501	23.5	18.8	16.5	16.2	16.1
Traffic	51,930	45,827	42,522	42,340	42,191	22.9	18.4	16.0	15.8	15.6
Nontraffic	1,242	987	1,127	1,118	1,310	0.5	0.4	0.4	0.4	0.5
Water-transport accidents	1,429	923	675	758	692	0.6	0.4	0.3	0.3	0.3
Air and space transport accidents	1,494	941	1,061	734	692	0.7	0.4	0.4	0.3	0.3
Railway accidents	632	663	565	527	515	0.3	0.3	0.2	0.2	0.2
Accidental falls	13,294	12,313	14,986	15,447	16,274	5.9	5.0	5.6	5.8	6.0
Accidental drowning	6,043	3,979	3,488	3,561	3,964	2.7	1.6	1.3	1.3	1.5
Accidents caused by—										
Fires and flames	5,822	4,175	3,741	3,490	3,255	2.6	1.7	1.4	1.0	1.0
Firearms, unspecified and other	1,667	1,175	947	820	726	0.7	0.5	0.4	0.3	0.3
Handguns	288	241	187	161	140	0.1	0.1	0.1	0.1	0.1
Electric current	1,095	670	482	488	548	0.5	0.3	0.2	0.2	0.2
Accidental poisoning by—										
Drugs and medicines	2,492	4,506	8,431	9,099	9,838	1.1	1.8	3.2	3.4	3.6
Other solid and liquid substances	597	549	441	488	417	0.3	0.2	0.2	0.2	0.2
Gases and vapors	1,242	748	638	576	546	0.5	0.3	0.2	0.2	0.2
Complications due to medical procedures	2,282	2,669	2,919	3,043	3,228	1.0	1.1	1.1	1.1	1.2
Inhalation and ingestion of objects	3,249	3,303	3,206	3,275	3,515	1.4	1.3	1.2	1.2	1.3

NA Not available.

Source of Tables 113-114: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 115. Homicide Rates by Race, Sex, and Age: 1997 and 1998

[Rate per 100,000 population]

Age	White				Black			
	Male		Female		Male		Female	
	1997	1998	1997	1998	1997	1998	1997	1998
Total ¹	6.7	6.1	2.3	2.2	47.1	42.1	9.3	8.6
Under 1 year	7.8	6.7	4.6	5.9	18.1	21.8	21.6	22.1
1-4 yrs.	1.9	1.7	1.6	1.6	7.1	9.5	5.5	7.0
5-9 yrs.	0.7	0.5	0.6	0.7	2.1	2.1	1.9	1.6
10-14 yrs.	1.4	1.3	0.6	1.0	5.6	4.4	2.3	2.6
15-19 yrs.	11.1	10.2	2.9	2.4	85.3	71.0	10.6	9.8
20-24 yrs.	15.4	14.4	3.5	3.2	146.0	126.7	16.4	15.8
25-29 yrs.	12.5	11.2	3.3	3.3	99.6	92.5	15.8	15.3
30-34 yrs.	10.3	9.2	3.5	3.3	66.9	57.9	15.0	12.9
35-39 yrs.	8.3	7.9	3.2	3.2	51.8	46.5	14.2	13.6
40-44 yrs.	7.3	7.2	2.5	3.0	41.9	40.0	12.1	10.3
45-49 yrs.	6.4	5.7	2.4	2.2	37.1	31.4	8.3	7.9
50-54 yrs.	5.2	4.7	1.7	1.6	24.4	27.5	4.8	3.9
55-59 yrs.	5.0	4.1	1.8	1.5	19.5	20.7	4.3	3.3
60-64 yrs.	4.0	3.5	1.3	1.2	20.7	17.1	5.7	(B)
65-69 yrs.	3.4	3.0	1.4	1.4	14.0	12.7	4.3	(B)
70-74 yrs.	3.1	2.7	1.9	1.5	14.8	11.7	(B)	(B)
75-79 yrs.	3.1	2.8	1.9	1.5	15.4	13.9	(B)	(B)
80-84 yrs.	3.1	3.0	2.1	2.3	(B)	(B)	(B)	(B)
85 yrs. and over	5.2	2.8	2.7	2.0	(B)	(B)	(B)	(B)

^B Base figure too small to meet statistical standards for reliability of a derived figure. ¹ Includes persons under 15 years old, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 116. Deaths—Life Years Lost and Mortality Costs by Age, Sex, and Cause: 1998

[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, discounted at 6 percent]

Characteristic	Number of deaths (1,000)	Life years lost ¹		Mortality cost ²		Characteristic	Number of deaths (1,000)	Life years lost ¹		Mortality cost ²	
		Total (1,000)	Per death	Total (mil.)	Per death			Total (mil.)	Per death		
Total, 1998	2,337	37,959	16.2	391,290	167,444	Heart disease.	354	4,818	13.6	79,487	224,628
Under 5 yrs. old	34	2,564	76.3	28,013	833,170	Cancer	282	4,325	15.3	51,467	182,470
5 to 14 yrs. old	8	537	68.9	7,924	1,017,102	Cerebrovascular diseases	61	750	12.3	7,355	120,296
15 to 24 yrs. old	31	1,792	58.5	37,917	1,238,041	Accidents and adverse effects	63	2,193	34.8	48,812	775,530
25 to 44 yrs. old	131	5,650	43.0	133,550	1,016,498	Other	397	7,883	19.9	97,809	246,408
45 to 64 yrs. old	326	9,884	30.3	145,852	446,900						
65 yrs. old and over	1,807	17,532	9.7	38,034	21,047						
Heart disease.	725	9,151	12.6	112,162	154,748	Female	1,180	17,989	15.2	106,360	90,143
Cancer	542	8,944	16.5	81,201	149,950	Under 5 yrs. old	15	1,185	79.4	10,597	710,441
Cerebrovascular diseases	158	1,868	11.8	11,373	71,778	5 to 14 yrs. old	3	225	72.6	2,652	854,119
Accidents and adverse effects	98	3,248	33.2	61,550	629,827	15 to 24 yrs. old	8	496	62.7	7,840	991,157
Other	814	14,748	18.1	125,005	153,501	25 to 44 yrs. old	45	2,065	45.9	34,590	768,195
						45 to 64 yrs. old	95	4,188	44.3	39,544	418,442
						65 yrs. old and over	1,014	9,830	9.7	11,137	10,979
Male	1,157	19,969	17.3	284,930	246,279	Heart disease.	371	4,333	11.7	32,675	88,086
Under 5 yrs. old	19	1,379	73.7	17,416	931,033	Cancer	259	4,619	17.8	29,734	114,599
5 to 14 yrs. old	5	312	66.6	5,272	1,125,097	Cerebrovascular diseases	97	1,118	11.5	4,017	41,290
15 to 24 yrs. old	23	1,296	57.1	30,077	1,324,005	Accidents and adverse effects	35	1,054	30.3	12,738	366,192
25 to 44 yrs. old	86	3,585	41.5	98,959	1,145,973	Other	417	6,864	16.4	27,196	65,152
45 to 64 yrs. old	232	5,695	24.6	106,308	458,499						
65 yrs. old and over	793	7,702	9.7	26,897	33,934						

¹ Based on life expectancy at year of death. ² 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 4 percent discount rate by which to convert to present worth the potential aggregate earnings lost over the years.

Source: Institute for Health and Aging, University of California, San Francisco, CA, unpublished data.

No. 117. Marriages and Divorces: 1970 to 1998

Year	Marriages ¹						Divorces and annulments		
	Rate per 1,000 population						Rate per 1,000 population		
	Number (1,000)	Total	Men, 15 yrs. old and over ²	Women, 15 yrs. old and over ²	Unmarried women		Number (1,000)	Total ²	Married women, 15 yrs. old and over
15 yrs. old and over					15 to 44 yrs. old				
1970	2,159	10.6	31.1	28.4	76.5	140.2	708	3.5	14.9
1975	2,153	10.0	27.9	25.6	66.9	118.5	1,036	4.8	20.3
1980	2,390	10.6	28.5	26.1	61.4	102.6	1,189	5.2	22.6
1984	2,477	10.5	28.0	25.8	59.5	99.0	1,169	5.0	21.5
1985	2,413	10.1	27.0	24.9	57.0	94.9	1,190	5.0	21.7
1986	2,407	10.0	26.6	24.5	56.2	93.9	1,178	4.9	21.2
1987	2,403	9.9	26.3	24.3	55.7	92.4	1,166	4.8	20.8
1988	2,396	9.8	26.0	24.0	54.6	91.0	1,167	4.8	20.7
1989	2,403	9.7	25.8	23.9	54.2	91.2	1,157	4.7	20.4
1990	2,443	9.8	26.0	24.1	54.5	91.3	1,182	4.7	20.9
1991	2,371	9.4	(NA)	(NA)	54.2	86.8	1,189	4.7	20.9
1992	2,362	9.3	(NA)	(NA)	53.3	88.2	1,215	4.8	21.2
1993	2,334	9.0	(NA)	(NA)	52.3	86.8	1,187	4.6	20.5
1994	2,362	9.1	(NA)	(NA)	51.5	84.0	1,191	4.6	20.5
1995	2,336	8.9	(NA)	(NA)	50.8	83.0	1,169	4.4	19.8
1996	2,344	8.8	(NA)	(NA)	49.7	81.5	1,150	4.3	19.5
1997	2,384	8.9	(NA)	(NA)	49.7	81.5	1,163	4.3	(NA)
1998	2,244	8.3	(NA)	(NA)	(NA)	(NA)	1,135	4.2	(NA)

NA Not available. ¹ Beginning 1980, includes nonlicensed marriages registered in California. ² Rates for 1981-88 are revised and may differ from rates published previously.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *National Vital Statistics Reports* (formerly *Monthly Vital Statistics Report*), and unpublished data.

No. 118. Marriages and Divorces—Number and Rate by State: 1990 to 1998

[2,443.0 represents 2,443,000. By place of occurrence]

State	Marriages ¹						Divorces ³					
	Number (1,000)			Rate per 1,000 population ²			Number (1,000)			Rate per 1,000 population ²		
	1990	1995	1998	1990	1995	1998	1990	1995	1998	1990	1995	1998
U.S.	2,443.0	2,336.0	2,258.0	9.8	8.9	8.3	1,182.0	1,169.0	850.8	4.7	4.4	4.3
Alabama	43.3	42.0	49.9	10.6	9.9	11.4	25.3	26.0	26.3	6.1	6.1	5.9
Alaska	5.7	5.5	5.9	10.2	9.0	9.6	2.9	3.0	3.2	5.5	5.0	4.8
Arizona	37.0	38.9	37.9	10.0	9.2	7.9	25.1	27.6	25.8	6.9	6.6	5.8
Arkansas	35.7	36.6	38.4	15.3	14.7	15.1	16.8	16.0	15.4	6.9	6.5	6.3
California ⁴	236.7	199.6	194.1	7.9	6.3	5.9	128.0	(NA)	(NA)	4.3	(NA)	(NA)
Colorado	31.5	34.3	31.4	9.8	9.2	7.7	18.4	(NA)	(NA)	5.5	(NA)	(NA)
Connecticut	27.8	22.6	19.9	7.9	6.7	6.1	10.3	10.6	9.6	3.2	2.9	3.2
Delaware	5.6	5.4	5.0	8.4	7.5	6.7	3.0	3.7	3.4	4.4	5.1	4.9
Dist. of Columbia	4.7	3.5	2.4	8.2	6.4	4.6	2.7	1.9	1.1	4.5	3.4	3.6
Florida	142.3	144.3	139.5	10.9	10.2	9.2	81.7	79.5	80.1	6.3	5.6	5.3
Georgia	64.4	61.5	59.8	10.3	8.5	7.7	35.7	37.2	35.8	5.5	5.2	4.8
Hawaii	18.1	18.8	20.8	16.4	15.8	17.5	5.2	5.5	4.8	4.6	4.6	4.6
Idaho	15.0	15.5	15.5	13.9	13.3	12.4	6.6	6.8	7.0	6.5	5.8	5.4
Illinois	97.1	83.2	84.5	8.8	7.0	7.0	44.3	38.8	40.5	3.8	3.3	3.2
Indiana	54.3	50.4	34.6	9.6	8.7	5.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	24.8	22.0	23.5	9.0	7.8	8.2	11.1	10.5	9.5	3.9	3.7	3.7
Kansas	23.4	22.1	20.9	9.2	8.6	7.9	12.6	10.7	10.7	5.0	4.2	4.0
Kentucky	51.3	47.6	44.3	13.5	12.3	11.2	21.8	22.9	22.4	5.8	5.9	5.8
Louisiana	41.2	40.8	42.2	9.6	9.4	9.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maine	11.8	10.8	10.5	9.7	8.7	8.4	5.3	5.5	5.1	4.3	4.4	4.4
Maryland	46.1	42.8	37.5	9.7	8.5	7.3	16.1	15.0	16.4	3.4	3.0	2.9
Massachusetts	47.8	43.6	39.2	7.9	7.2	6.4	16.8	13.5	16.5	2.8	2.2	2.2
Michigan	76.1	71.0	66.1	8.2	7.4	6.7	40.2	39.9	38.9	4.3	4.2	4.0
Minnesota	33.7	32.8	32.2	7.7	7.1	6.7	15.4	15.8	15.3	3.5	3.4	3.3
Mississippi	24.3	21.5	20.6	9.4	8.0	7.4	14.4	13.1	13.0	5.5	4.8	4.7
Missouri	49.3	44.9	43.8	9.6	8.4	8.0	26.4	26.8	25.8	5.1	5.0	4.9
Montana	7.0	6.6	6.4	8.6	7.6	7.2	4.1	4.2	3.4	5.1	4.8	4.7
Nebraska	12.5	12.1	12.3	8.0	7.4	7.4	6.5	6.3	6.4	4.0	3.8	3.8
Nevada	123.4	134.8	143.9	99.0	88.1	79.5	13.3	12.4	14.8	11.4	8.1	6.8
New Hampshire	10.6	9.6	7.3	9.5	8.4	6.1	5.3	4.9	7.0	4.7	4.2	4.1
New Jersey	58.0	52.4	48.4	7.6	6.7	5.9	23.6	24.3	25.3	3.0	3.1	3.0
New Mexico	13.2	15.1	13.4	8.8	9.0	7.7	7.7	11.3	8.0	4.9	6.7	6.5
New York	169.3	147.4	115.9	8.6	8.1	6.4	57.9	56.0	45.8	3.2	3.1	3.1
North Carolina	52.1	61.6	63.8	7.8	8.6	8.3	34.0	37.0	36.8	5.1	5.1	4.8
North Dakota	4.8	4.6	4.2	7.5	7.2	6.6	2.3	2.2	2.1	3.6	3.4	3.5
Ohio	95.8	90.1	85.6	9.0	8.1	7.6	51.0	48.7	46.0	4.7	4.4	4.3
Oklahoma	33.2	28.5	25.9	10.6	8.7	7.7	24.9	21.8	20.0	7.7	6.7	6.5
Oregon	25.2	25.7	26.0	8.9	8.2	7.9	15.9	15.0	15.2	5.5	4.8	4.5
Pennsylvania	86.8	75.8	74.2	7.1	6.3	6.2	40.1	39.4	38.5	3.3	3.3	3.3
Rhode Island	8.1	7.4	7.5	8.1	7.5	7.6	3.8	3.7	3.2	3.7	3.7	3.7
South Carolina	55.8	44.6	41.5	15.9	12.1	10.7	16.1	14.8	14.6	4.5	4.0	3.8
South Dakota	7.7	7.3	6.7	11.1	10.0	9.2	2.6	2.9	2.6	3.7	4.0	3.9
Tennessee	66.6	82.3	81.2	13.9	15.7	14.8	32.3	33.1	34.5	6.5	6.3	6.0
Texas	182.8	188.5	188.9	10.5	10.1	9.4	94.0	99.9	(NA)	5.5	5.3	5.0
Utah	19.0	21.6	21.5	11.2	11.1	10.1	8.8	8.9	8.8	5.1	4.6	4.2
Vermont	6.1	6.1	5.9	10.9	10.3	9.9	2.6	2.8	2.6	4.5	4.8	4.7
Virginia	71.3	67.9	64.3	11.4	10.3	9.4	27.3	28.9	30.0	4.4	4.4	4.2
Washington	48.6	42.0	41.2	9.5	7.7	7.2	28.8	29.7	28.8	5.9	5.5	5.2
West Virginia	13.2	11.2	11.7	7.2	6.1	6.5	9.7	9.4	9.3	5.3	5.1	5.2
Wisconsin	41.2	36.3	35.1	7.9	7.1	6.7	17.8	17.5	17.7	3.6	3.4	3.3
Wyoming	4.8	5.2	4.7	10.7	10.7	9.7	3.1	3.2	2.8	6.6	6.7	6.7

NA Not available. ¹ Data are counts of marriages performed, except as noted. ² Based on total population residing in area; population enumerated as of April 1 for 1980; estimated as of July 1 for all other years. ³ Includes annulments. ⁴ Marriage data include nonlicensed marriages registered.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *National Vital Statistics Reports (NVSR)* (formerly *Monthly Vital Statistical Report*).