

Table 1 (page 1 of 2). Resident population, according to age, sex, race, and Hispanic origin: United States, selected years 1950–2001

[Data are based on decennial census updated by data from multiple sources]

Sex, race, Hispanic origin, and year	Total resident population	Under 1 year	1–4 years	5–14 years	15–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years	75–84 years	85 years and over
All persons												
Number in thousands												
1950	150,697	3,147	13,017	24,319	22,098	23,759	21,450	17,343	13,370	8,340	3,278	577
1960	179,323	4,112	16,209	35,465	24,020	22,818	24,081	20,485	15,572	10,997	4,633	929
1970	203,212	3,485	13,669	40,746	35,441	24,907	23,088	23,220	18,590	12,435	6,119	1,511
1980	226,546	3,534	12,815	34,942	42,487	37,082	25,635	22,800	21,703	15,581	7,729	2,240
1990	248,710	3,946	14,812	35,095	37,013	43,161	37,435	25,057	21,113	18,045	10,012	3,021
2000	281,422	3,806	15,370	41,078	39,184	39,892	45,149	37,678	24,275	18,391	12,361	4,240
2001	284,797	4,034	15,336	41,065	39,948	39,607	45,019	39,188	25,309	18,313	12,574	4,404
Male												
1950	74,833	1,602	6,634	12,375	10,918	11,597	10,588	8,655	6,697	4,024	1,507	237
1960	88,331	2,090	8,240	18,029	11,906	11,179	11,755	10,093	7,537	5,116	2,025	362
1970	98,912	1,778	6,968	20,759	17,551	12,217	11,231	11,199	8,793	5,437	2,436	542
1980	110,053	1,806	6,556	17,855	21,419	18,382	12,570	11,009	10,152	6,757	2,867	682
1990	121,239	2,018	7,581	17,971	18,915	21,564	18,510	12,232	9,955	7,907	3,745	841
2000	138,054	1,949	7,862	21,043	20,079	20,121	22,448	18,497	11,645	8,303	4,879	1,227
2001	139,813	2,064	7,841	21,033	20,485	20,014	22,403	19,236	12,154	8,297	4,987	1,299
Female												
1950	75,864	1,545	6,383	11,944	11,181	12,162	10,863	8,688	6,672	4,316	1,771	340
1960	90,992	2,022	7,969	17,437	12,114	11,639	12,326	10,393	8,036	5,881	2,609	567
1970	104,300	1,707	6,701	19,986	17,890	12,690	11,857	12,021	9,797	6,998	3,683	969
1980	116,493	1,727	6,259	17,087	21,068	18,700	13,065	11,791	11,551	8,824	4,862	1,559
1990	127,471	1,928	7,231	17,124	18,098	21,596	18,925	12,824	11,158	10,139	6,267	2,180
2000	143,368	1,857	7,508	20,034	19,105	19,771	22,701	19,181	12,629	10,088	7,482	3,013
2001	144,984	1,969	7,495	20,033	19,463	19,594	22,616	19,952	13,155	10,016	7,587	3,105
White male												
1950	67,129	1,400	5,845	10,860	9,689	10,430	9,529	7,836	6,180	3,736	1,406	218
1960	78,367	1,784	7,065	15,659	10,483	9,940	10,564	9,114	6,850	4,702	1,875	331
1970	86,721	1,501	5,873	17,667	15,232	10,775	9,979	10,090	7,958	4,916	2,243	487
1980	94,976	1,487	5,402	14,773	18,123	15,940	11,010	9,774	9,151	6,096	2,600	621
1990	102,143	1,604	6,071	14,467	15,389	18,071	15,819	10,624	8,813	7,127	3,397	760
2000	113,445	1,524	6,143	16,428	15,942	16,232	18,568	15,670	10,067	7,343	4,419	1,109
2001	114,659	1,609	6,124	16,398	16,235	16,103	18,461	16,240	10,497	7,311	4,504	1,176
White female												
1950	67,813	1,341	5,599	10,431	9,821	10,851	9,719	7,868	6,168	4,031	1,669	314
1960	80,465	1,714	6,795	15,068	10,596	10,204	11,000	9,364	7,327	5,428	2,441	527
1970	91,028	1,434	5,615	16,912	15,420	11,004	10,349	10,756	8,853	6,366	3,429	890
1980	99,835	1,412	5,127	14,057	17,653	15,896	11,232	10,285	10,325	7,951	4,457	1,440
1990	106,561	1,524	5,762	13,706	14,599	17,757	15,834	10,946	9,698	9,048	5,687	2,001
2000	116,641	1,447	5,839	15,576	14,966	15,574	18,386	15,921	10,731	8,757	6,715	2,729
2001	117,693	1,536	5,826	15,554	15,238	15,385	18,245	16,493	11,162	8,659	6,784	2,809
Black or African American male												
1950	7,300	---	¹ 944	1,442	1,162	1,105	1,003	772	459	299	² 113	---
1960	9,114	281	1,082	2,185	1,305	1,120	1,086	891	617	382	137	29
1970	10,748	245	975	2,784	2,041	1,226	1,084	979	739	461	169	46
1980	12,585	269	967	2,614	2,807	1,967	1,235	1,024	854	567	228	53
1990	14,420	322	1,164	2,700	2,669	2,592	1,962	1,175	878	614	277	66
2000	17,407	313	1,271	3,454	2,932	2,586	2,705	1,957	1,090	683	330	87
2001	17,710	334	1,263	3,462	3,033	2,574	2,727	2,067	1,131	691	340	88
Black or African American female												
1950	7,745	---	¹ 941	1,446	1,300	1,260	1,112	796	443	322	² 125	---
1960	9,758	283	1,085	2,191	1,404	1,300	1,229	974	663	430	160	38
1970	11,832	243	970	2,773	2,196	1,456	1,309	1,134	868	582	230	71
1980	14,046	266	951	2,578	2,937	2,267	1,488	1,258	1,059	776	360	106
1990	16,063	316	1,137	2,641	2,700	2,905	2,279	1,416	1,135	884	495	156
2000	19,187	302	1,228	3,348	2,971	2,866	3,055	2,274	1,353	971	587	233
2001	19,486	317	1,221	3,356	3,040	2,846	3,076	2,405	1,404	979	605	238

See notes at end of table.

Table 1 (page 2 of 2). Resident population, according to age, sex, race, and Hispanic origin: United States, selected years 1950–2001

[Data are based on decennial census updated by data from multiple sources]

Sex, race, Hispanic origin, and year	Total resident population	Under 1 year	1–4 years	5–14 years	15–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years	75–84 years	85 years and over
Number in thousands												
American Indian or Alaska Native male												
1980	702	17	59	153	161	114	75	53	37	22	9	2
1990	1,024	24	88	206	192	183	140	86	55	32	13	3
2000	1,488	28	109	301	271	229	229	165	88	45	18	5
2001	1,524	29	109	298	280	232	232	175	95	49	21	5
American Indian or Alaska Native female												
1980	718	16	57	149	158	118	79	57	41	27	12	4
1990	1,041	24	85	200	178	186	148	92	61	41	21	6
2000	1,496	26	106	293	254	219	236	174	95	54	28	10
2001	1,530	28	105	290	263	220	238	185	102	58	30	11
Asian or Pacific Islander male												
1980	1,814	35	130	321	334	366	252	159	110	72	30	6
1990	3,652	68	258	598	665	718	588	347	208	133	57	12
2000	5,713	84	339	861	934	1,073	947	705	399	231	112	27
2001	5,919	92	344	875	937	1,104	983	754	431	247	122	30
Asian or Pacific Islander female												
1980	1,915	34	127	307	325	423	269	192	126	71	33	9
1990	3,805	65	247	578	621	749	664	371	264	166	65	17
2000	6,044	81	336	817	914	1,112	1,024	812	451	305	152	41
2001	6,275	88	342	833	922	1,143	1,057	869	486	321	167	47
Hispanic or Latino male												
1980	7,280	187	661	1,530	1,646	1,256	761	570	364	200	86	19
1990	11,388	279	980	2,128	2,376	2,310	1,471	818	551	312	131	32
2000	18,162	395	1,506	3,469	3,564	3,494	2,653	1,551	804	474	203	50
2001	19,018	417	1,533	3,606	3,606	3,699	2,828	1,684	869	501	224	53
Hispanic or Latino female												
1980	7,329	181	634	1,482	1,546	1,249	805	615	411	257	117	30
1990	10,966	268	939	2,039	2,028	2,073	1,448	868	632	403	209	59
2000	17,144	376	1,441	3,318	3,017	3,016	2,476	1,585	907	603	303	101
2001	17,955	401	1,467	3,450	3,085	3,163	2,624	1,714	978	635	331	107
White, not Hispanic or Latino male												
1980	88,035	1,308	4,772	13,317	16,554	14,739	10,284	9,229	8,803	5,906	2,519	603
1990	91,743	1,351	5,181	12,525	13,219	15,967	14,481	9,875	8,303	6,837	3,275	729
2000	96,551	1,163	4,761	13,238	12,628	12,958	16,088	14,223	9,312	6,894	4,225	1,062
2001	96,966	1,228	4,719	13,082	12,885	12,634	15,816	14,669	9,680	6,836	4,291	1,126
White, not Hispanic or Latino female												
1980	92,872	1,240	4,522	12,647	16,185	14,711	10,468	9,700	9,935	7,707	4,345	1,411
1990	96,557	1,280	4,909	11,846	12,749	15,872	14,520	10,153	9,116	8,674	5,491	1,945
2000	100,774	1,102	4,517	12,529	12,183	12,778	16,089	14,446	9,879	8,188	6,429	2,633
2001	101,070	1,169	4,482	12,385	12,393	12,449	15,810	14,900	10,244	8,059	6,471	2,707

-- Data not available.

¹Population for age group under 5 years.

²Population for age group 75 years and over.

NOTES: The race groups, white, black, American Indian or Alaska Native, and Asian or Pacific Islander, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Population estimates for 1991 through 2000 differ from those shown previously. Starting with *Health, United States, 2003*, intercensal population estimates based on Census 2000 and Census 2000 counts replace estimates projected from the 1990 Census. Population estimates for 2001 are 2000-based postcensal estimates. Population figures are census counts as of April 1 for 1950, 1960, 1970, 1980, 1990, and 2000; estimates as of July 1 for other years. See Appendix I, Population Census and Population Estimates. Populations for age groups may not sum to the total due to rounding. Although population figures are shown rounded to the nearest 1,000, calculations of birth rates and death rates shown in this volume are based on unrounded population figures for decennial years and for all years starting with 1991. See Appendix II, Rate. Unrounded population figures are available in the spreadsheet version of this table (see www.cdc.gov/nchs/hus.htm). Data for additional years are available (see Appendix III).

SOURCES: U.S. Bureau of the Census: 1950 Nonwhite Population by Race. Special Report P-E, No. 3B. Washington. U.S. Government Printing Office, 1951; U.S. Census of Population: 1960, Number of Inhabitants, PC(1)-A1, United States Summary, 1964; 1970, Number of Inhabitants, Final Report PC(1)-A1, United States Summary, 1971; U.S. population estimates, by age, sex, race, and Hispanic origin: 1980 to 1991. Current population reports, series P-25, no 1095. Washington. U.S. Government Printing Office, Feb. 1993; National Center for Health Statistics. Estimates of the July 1, 1991–July 1, 1999, April 1, 2000, and July 1, 2001 United States resident population by age, sex, race, and Hispanic origin, prepared under a collaborative arrangement with the U.S. Census Bureau. Available at www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm. 2003.

Table 9. Nonmarital childbearing according to detailed race and Hispanic origin of mother, and maternal age: United States, selected years 1970–2001

[Data are based on birth certificates]

<i>Race, Hispanic origin of mother, and maternal age</i>	1970	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001
Live births per 1,000 unmarried women 15–44 years of age ¹												
All races and origins	26.4	24.5	29.4	32.8	43.8	44.3	43.8	42.9	43.3	43.3	44.0	43.8
White ²	13.9	12.4	18.1	22.5	32.9	37.0	37.0	36.3	36.9	37.4	38.2	38.5
Black or African American ²	95.5	84.2	81.1	77.0	90.5	74.5	72.8	71.6	71.6	69.7	70.5	68.2
Asian or Pacific Islander	---	---	---	---	---	---	---	---	---	---	20.9	21.2
Hispanic or Latino ³	---	---	---	---	89.6	88.7	86.1	83.2	82.8	84.9	87.2	87.8
White, not Hispanic or Latino	---	---	---	---	24.4	28.1	28.2	27.5	27.9	27.9	28.0	27.8
Percent of live births to unmarried mothers												
All races	10.7	14.3	18.4	22.0	28.0	32.2	32.4	32.4	32.8	33.0	33.2	33.5
White	5.5	7.1	11.2	14.7	20.4	25.3	25.7	25.8	26.3	26.8	27.1	27.7
Black or African American	37.5	49.5	56.1	61.2	66.5	69.9	69.8	69.2	69.1	68.9	68.5	68.4
American Indian or Alaska Native	22.4	32.7	39.2	46.8	53.6	57.2	58.0	58.7	59.3	58.9	58.4	59.7
Asian or Pacific Islander	---	---	7.3	9.5	13.2	16.3	16.7	15.6	15.6	15.4	14.8	14.9
Chinese	3.0	1.6	2.7	3.0	5.0	7.9	9.2	6.5	6.4	6.9	7.6	8.4
Japanese	4.6	4.6	5.2	7.9	9.6	10.8	11.4	10.1	9.7	9.9	9.5	9.2
Filipino	9.1	6.9	8.6	11.4	15.9	19.5	19.4	19.5	19.7	21.1	20.3	20.4
Hawaiian	---	---	32.9	37.3	45.0	49.0	49.9	49.1	51.1	50.4	50.0	50.6
Other Asian or Pacific Islander	---	---	5.4	8.5	12.6	16.2	16.5	15.6	15.2	14.5	13.8	13.7
Hispanic or Latino ³	---	---	23.6	29.5	36.7	40.8	40.7	40.9	41.6	42.2	42.7	42.5
Mexican	---	---	20.3	25.7	33.3	38.1	37.9	38.9	39.6	40.1	40.7	40.8
Puerto Rican	---	---	46.3	51.1	55.9	60.0	60.7	59.4	59.5	59.6	59.6	58.9
Cuban	---	---	10.0	16.1	18.2	23.8	24.7	24.4	24.8	26.4	27.3	27.2
Central and South American	---	---	27.1	34.9	41.2	44.1	44.1	41.8	42.0	43.7	44.7	44.3
Other and unknown Hispanic or Latino	---	---	22.4	31.1	37.2	44.0	43.5	43.6	45.3	45.8	46.2	44.2
Not Hispanic or Latino: ³												
White	---	---	9.6	12.4	16.9	21.2	21.5	21.5	21.9	22.1	22.1	22.5
Black or African American	---	---	57.3	62.1	66.7	70.0	70.0	69.4	69.3	69.1	68.7	68.6
Number of live births, in thousands												
Live births to unmarried mothers	399	448	666	828	1,165	1,254	1,260	1,257	1,294	1,309	1,347	1,349
Maternal age												
Percent distribution of live births to unmarried mothers												
Under 20 years	50.1	52.1	40.8	33.8	30.9	30.9	30.4	30.7	30.1	29.3	28.0	26.6
20–24 years	31.8	29.9	35.6	36.3	34.7	34.5	34.2	34.9	35.6	36.4	37.4	38.2
25 years and over	18.1	18.0	23.5	29.9	34.4	34.7	35.3	34.4	34.3	34.3	34.6	35.2

--- Data not available.

¹Rates computed by relating births to unmarried mothers, regardless of age of mother, to unmarried women 15–44 years of age. Population data for unmarried American Indian or Alaska Native women and prior to 2000, population data for unmarried Asian or Pacific Islander women were not available for rate calculations.

²For 1970 and 1975, birth rates are by race of child.

³Prior to 1993, data from States lacking an Hispanic-origin item on the birth certificate were excluded. See Appendix II, Hispanic origin.

NOTES: National estimates for 1970 and 1975 for unmarried mothers based on births occurring in States reporting marital status of mother. Changes in reporting procedures for marital status have occurred in some states during the 1990s. Interpretation of trend data should also take into consideration expansion of reporting areas and immigration. See Appendix II, Marital status. The race groups, white, black, American Indian or Alaska Native, and Asian or Pacific Islander, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Population estimates used to compute rates for 1991–2000 differ from those used previously. Rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were computed using Census 2000 counts and rates for 2001 were computed using 2000-based postcensal estimates. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Birth File. Hamilton BE, Sutton PD, Ventura SJ. Revised birth and fertility rates for the 1990s and new rates for Hispanic populations, 2000 and 2001: United States. National vital statistics reports; vol 51, no 12. Hyattsville, Maryland: National Center for Health Statistics, 2003; Births: Final data for each data year 1997–2000. National vital statistics reports. Hyattsville, Maryland; Final natality statistics for each data year 1993–96. Monthly vital statistics report. Hyattsville, Maryland; Ventura SJ. Births to unmarried mothers: United States, 1980–92. Vital Health Stat 21(53). 1995.

Table 19 (page 1 of 2). Infant, neonatal, and postneonatal mortality rates, according to detailed race and Hispanic origin of mother: United States, selected years 1983–2001

[Data are based on linked birth and death certificates for infants]

<i>Race and Hispanic origin of mother</i>	1983 ¹	1985 ¹	1990 ¹	1995 ²	1998 ²	1999 ²	2000 ²	2001 ²
Infant ³ deaths per 1,000 live births								
All mothers	10.9	10.4	8.9	7.6	7.2	7.0	6.9	6.8
White	9.3	8.9	7.3	6.3	6.0	5.8	5.7	5.7
Black or African American	19.2	18.6	16.9	14.6	13.8	14.0	13.5	13.3
American Indian or Alaska Native	15.2	13.1	13.1	9.0	9.3	9.3	8.3	9.7
Asian or Pacific Islander	8.3	7.8	6.6	5.3	5.5	4.8	4.9	4.7
Chinese	9.5	5.8	4.3	3.8	4.0	2.9	3.5	3.2
Japanese	*5.6	*6.0	*5.5	*5.3	*3.4	*3.5	*4.5	*4.0
Filipino	8.4	7.7	6.0	5.6	6.2	5.8	5.7	5.5
Hawaiian	11.2	*9.9	*8.0	*6.5	9.9	*7.0	9.0	*7.3
Other Asian or Pacific Islander	8.1	8.5	7.4	5.5	5.7	5.1	4.8	4.8
Hispanic or Latino ^{4,5}	9.5	8.8	7.5	6.3	5.8	5.7	5.6	5.4
Mexican	9.1	8.5	7.2	6.0	5.6	5.5	5.4	5.2
Puerto Rican	12.9	11.2	9.9	8.9	7.8	8.3	8.2	8.5
Cuban	7.5	8.5	7.2	5.3	*3.7	4.6	4.6	4.2
Central and South American	8.5	8.0	6.8	5.5	5.3	4.7	4.6	5.0
Other and unknown Hispanic or Latino	10.6	9.5	8.0	7.4	6.5	7.2	6.9	6.0
Not Hispanic or Latino:								
White ⁵	9.2	8.6	7.2	6.3	6.0	5.8	5.7	5.7
Black or African American ⁵	19.1	18.3	16.9	14.7	13.9	14.1	13.6	13.5
Neonatal ³ deaths per 1,000 live births								
All mothers	7.1	6.8	5.7	4.9	4.8	4.7	4.6	4.5
White	6.1	5.8	4.6	4.1	4.0	3.9	3.8	3.8
Black or African American	12.5	12.3	11.1	9.6	9.4	9.5	9.1	8.9
American Indian or Alaska Native	7.5	6.1	6.1	4.0	5.0	5.0	4.4	4.2
Asian or Pacific Islander	5.2	4.8	3.9	3.4	3.9	3.2	3.4	3.1
Chinese	5.5	3.3	2.3	2.3	2.7	1.8	2.5	1.9
Japanese	*3.7	*3.1	*3.5	*3.3	*2.5	*2.8	*2.6	*2.5
Filipino	5.6	5.1	3.5	3.4	4.6	3.9	4.1	4.0
Hawaiian	*7.0	*5.7	*4.3	*4.0	*7.2	*4.9	*6.2	*3.6
Other Asian or Pacific Islander	5.0	5.4	4.4	3.7	3.9	3.3	3.4	3.2
Hispanic or Latino ^{4,5}	6.2	5.7	4.8	4.1	3.9	3.9	3.8	3.6
Mexican	5.9	5.4	4.5	3.9	3.7	3.7	3.6	3.5
Puerto Rican	8.7	7.6	6.9	6.1	5.2	5.9	5.8	6.0
Cuban	*5.0	6.2	5.3	*3.6	*2.7	*3.5	*3.2	*2.5
Central and South American	5.8	5.6	4.4	3.7	3.6	3.3	3.3	3.4
Other and unknown Hispanic or Latino	6.4	5.6	5.0	4.8	4.5	4.8	4.6	3.9
Not Hispanic or Latino:								
White ⁵	5.9	5.6	4.5	4.0	3.9	3.8	3.8	3.8
Black or African American ⁵	12.0	11.9	11.0	9.6	9.4	9.6	9.2	9.0
Postneonatal ³ deaths per 1,000 live births								
All mothers	3.8	3.6	3.2	2.6	2.4	2.3	2.3	2.3
White	3.2	3.1	2.7	2.2	2.0	1.9	1.9	1.9
Black or African American	6.7	6.3	5.9	5.0	4.4	4.5	4.3	4.4
American Indian or Alaska Native	7.7	7.0	7.0	5.1	4.4	4.3	3.9	5.4
Asian or Pacific Islander	3.1	2.9	2.7	1.9	1.7	1.7	1.4	1.6
Chinese	4.0	*2.5	*2.0	*1.5	*1.3	*1.2	*1.0	*1.3
Japanese	*	*2.9	*	*	*	*	*	*
Filipino	*2.8	2.7	2.5	2.2	1.6	1.9	1.6	*1.5
Hawaiian	*4.2	*4.3	*3.8	*	*	*	*	*3.7
Other Asian or Pacific Islander	3.0	3.0	3.0	1.9	1.8	1.8	1.4	1.6
Hispanic or Latino ^{4,5}	3.3	3.2	2.7	2.1	1.9	1.8	1.8	1.8
Mexican	3.2	3.2	2.7	2.1	1.9	1.8	1.8	1.7
Puerto Rican	4.2	3.5	3.0	2.8	2.6	2.4	2.4	2.5
Cuban	*2.5	*2.3	*1.9	*1.7	*	*	*	*1.7
Central and South American	2.6	2.4	2.4	1.9	1.7	1.4	1.4	1.6
Other and unknown Hispanic or Latino	4.2	3.9	3.0	2.6	2.0	2.5	2.3	2.1
Not Hispanic or Latino:								
White ⁵	3.2	3.0	2.7	2.2	2.0	1.9	1.9	1.9
Black or African American ⁵	7.0	6.4	5.9	5.0	4.5	4.6	4.4	4.5

See footnotes at end of table.

Table 19 (page 2 of 2). Infant, neonatal, and postneonatal mortality rates, according to detailed race and Hispanic origin of mother: United States, selected years 1983–2001

[Data are based on linked birth and death certificates for infants]

<i>Race and Hispanic origin of mother</i>	1983–85 ^{1,6}	1986–88 ^{1,6}	1989–91 ^{1,6}	1996–98 ^{2,6}	1999–2001 ^{2,6}
Infant ³ deaths per 1,000 live births					
All mothers	10.6	9.8	9.0	7.2	6.9
White	9.0	8.2	7.4	6.0	5.7
Black or African American	18.7	17.9	17.1	13.9	13.6
American Indian or Alaska Native	13.9	13.2	12.6	9.3	9.1
Asian or Pacific Islander	8.3	7.3	6.6	5.2	4.8
Chinese	7.4	5.8	5.1	3.4	3.2
Japanese	6.0	6.9	5.3	4.3	4.0
Filipino	8.2	6.9	6.4	5.9	5.7
Hawaiian	11.3	11.1	9.0	8.2	7.8
Other Asian or Pacific Islander	8.6	7.6	7.0	5.5	4.9
Hispanic or Latino ^{4,5}	9.2	8.3	7.5	5.9	5.6
Mexican	8.8	7.9	7.2	5.8	5.4
Puerto Rican	12.3	11.1	10.4	8.1	8.4
Cuban	8.0	7.3	6.2	4.7	4.5
Central and South American	8.2	7.5	6.6	5.2	4.8
Other and unknown Hispanic or Latino	9.8	9.0	8.2	6.8	6.7
Not Hispanic or Latino:					
White ⁵	8.8	8.1	7.3	6.0	5.7
Black or African American ⁵	18.5	17.9	17.2	13.9	13.7
Neonatal ³ deaths per 1,000 live births					
All mothers	6.9	6.3	5.7	4.8	4.6
White	5.9	5.2	4.7	4.0	3.8
Black or African American	12.2	11.7	11.1	9.3	9.2
American Indian or Alaska Native	6.7	5.9	5.9	4.7	4.5
Asian or Pacific Islander	5.2	4.5	3.9	3.5	3.2
Chinese	4.3	3.3	2.7	2.3	2.1
Japanese	3.4	4.4	3.0	2.6	2.6
Filipino	5.3	4.5	4.0	4.1	4.0
Hawaiian	7.4	7.1	4.8	5.6	4.9
Other Asian or Pacific Islander	5.5	4.7	4.2	3.6	3.3
Hispanic or Latino ^{4,5}	6.0	5.3	4.8	3.9	3.8
Mexican	5.7	5.0	4.5	3.8	3.6
Puerto Rican	8.3	7.2	7.0	5.4	5.9
Cuban	5.9	5.3	4.6	3.5	3.1
Central and South American	5.7	4.9	4.4	3.6	3.3
Other and unknown Hispanic or Latino	6.1	5.8	5.2	4.5	4.4
Not Hispanic or Latino:					
White ⁵	5.7	5.1	4.6	3.9	3.8
Black or African American ⁵	11.8	11.4	11.1	9.3	9.2
Postneonatal ³ deaths per 1,000 live births					
All mothers	3.7	3.5	3.3	2.5	2.3
White	3.1	3.0	2.7	2.1	1.9
Black or African American	6.4	6.2	6.0	4.6	4.4
American Indian or Alaska Native	7.2	7.3	6.7	4.6	4.5
Asian or Pacific Islander	3.1	2.8	2.6	1.8	1.6
Chinese	3.1	2.5	2.4	1.2	1.1
Japanese	2.6	2.5	2.2	*1.7	*1.4
Filipino	2.9	2.4	2.3	1.9	1.7
Hawaiian	3.9	4.0	4.1	*2.6	2.9
Other Asian or Pacific Islander	3.1	2.9	2.8	1.8	1.6
Hispanic or Latino ^{4,5}	3.2	3.0	2.7	2.0	1.8
Mexican	3.2	2.9	2.7	2.0	1.8
Puerto Rican	4.0	3.9	3.4	2.7	2.5
Cuban	2.2	2.0	1.6	*1.3	1.4
Central and South American	2.5	2.6	2.2	1.6	1.5
Other and unknown Hispanic or Latino	3.7	3.2	3.0	2.3	2.3
Not Hispanic or Latino:					
White ⁵	3.1	3.0	2.7	2.1	1.9
Black or African American ⁵	6.7	6.5	6.1	4.6	4.5

* Estimates are considered unreliable. Rates preceded by an asterisk are based on fewer than 50 events. Rates not shown are based on fewer than 20 events.

¹Rates based on unweighted birth cohort data.

²Rates based on a period file using weighted data. See Appendix I, National Vital Statistics System, Linked Birth/Infant Death Data Set.

³Infant (under 1 year of age), neonatal (under 28 days), and postneonatal (28 days–11 months).

⁴Persons of Hispanic origin may be of any race.

⁵Prior to 1995, data shown only for States with an Hispanic-origin item on their birth certificates. See Appendix II, Hispanic origin.

⁶Average annual mortality rate.

NOTES: The race groups white, black, American Indian or Alaska Native, and Asian or Pacific Islander include persons of Hispanic and non-Hispanic origin. National linked files do not exist for 1992–94. Some data for previous years have been revised and differ from the previous edition of *Health, United States*. Data for additional years are available. See Appendix III.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Linked Birth/Infant Death Data Set.

Table 20. Infant mortality rates for mothers 20 years of age and over, according to mother's education, detailed race, and Hispanic origin: United States, selected years 1983–2001

[Data are based on linked birth and death certificates for infants]

<i>Education, race, and Hispanic origin of mother</i>	1983 ¹	1990 ¹	1995 ²	2000 ²	2001 ²	1983–85 ¹	1986–88 ¹	1989–91 ¹	1996–98 ²	1999–2001 ²
						Infant deaths per 1,000 live births				
Less than 12 years of education										
All mothers	15.0	10.8	8.9	7.9	7.6	14.6	13.8	11.1	8.3	7.9
White	12.5	9.0	7.6	6.8	6.5	12.4	11.4	9.2	7.1	6.7
Black or African American	23.4	19.5	17.0	14.7	14.0	21.8	21.1	20.3	15.3	14.5
American Indian or Alaska Native	14.5	14.3	12.7	10.1	12.9	15.2	16.8	13.8	10.3	11.3
Asian or Pacific Islander ³	9.7	6.6	5.7	5.9	5.5	9.5	8.2	6.9	5.9	5.6
Hispanic or Latino ^{4,5}	10.9	7.3	6.0	5.4	5.1	10.6	9.9	7.5	5.6	5.3
Mexican	8.7	7.0	5.8	5.2	4.9	9.5	8.3	7.1	5.4	5.2
Puerto Rican	15.3	10.1	10.6	9.6	7.8	14.1	12.8	11.7	8.6	8.9
Cuban	*14.5	*	*	*	*	*10.5	*9.4	*8.2	*7.1	*
Central and South American	9.8	7.0	5.1	4.9	5.0	8.6	9.2	6.8	5.6	4.8
Other and unknown Hispanic or Latino	9.2	9.9	7.3	7.6	5.8	10.1	10.6	10.0	7.1	6.8
Not Hispanic or Latino:										
White ⁵	12.8	10.9	9.9	9.2	9.0	12.6	11.8	11.0	9.4	9.1
Black or African American ⁵	24.7	19.7	17.3	15.0	14.3	22.6	21.6	20.6	15.6	14.8
12 years of education										
All mothers	10.2	8.8	7.8	7.3	7.3	10.0	9.6	8.9	7.5	7.3
White	8.7	7.1	6.4	6.0	6.0	8.5	8.0	7.2	6.2	6.0
Black or African American	17.8	16.0	14.7	13.3	12.9	17.7	17.1	16.4	13.9	13.4
American Indian or Alaska Native	15.5	13.4	7.9	7.8	9.6	13.4	11.6	12.3	8.9	8.8
Asian or Pacific Islander ³	10.0	7.5	5.5	5.0	5.9	9.3	7.9	7.5	5.8	5.5
Hispanic or Latino ^{4,5}	8.4	7.0	5.9	5.0	5.1	9.1	8.3	6.8	5.7	5.1
Mexican	6.9	6.8	5.7	4.9	4.7	7.8	8.2	6.5	5.4	4.9
Puerto Rican	9.5	8.5	6.5	7.2	9.2	10.8	10.1	8.6	7.8	8.1
Cuban	*6.9	*8.0	*	*	*	8.6	6.6	7.6	5.5	*3.5
Central and South American	8.7	6.5	6.1	4.2	4.8	8.7	7.4	6.3	5.3	4.6
Other and unknown Hispanic or Latino	8.8	7.4	6.5	5.8	5.6	8.8	7.7	7.0	6.4	6.0
Not Hispanic or Latino:										
White ⁵	8.7	7.1	6.5	6.3	6.2	8.3	7.9	7.3	6.3	6.2
Black or African American ⁵	17.8	16.1	14.8	13.5	13.1	17.9	17.4	16.5	14.0	13.6
13 years or more of education										
All mothers	8.1	6.4	5.4	5.0	5.1	7.8	7.2	6.4	5.3	5.1
White	7.2	5.4	4.7	4.2	4.3	6.9	6.2	5.5	4.5	4.3
Black or African American	15.3	13.7	11.9	11.4	11.7	15.3	14.9	13.7	11.3	11.5
American Indian or Alaska Native	12.5	6.8	5.9	6.7	6.7	10.4	8.4	8.1	6.9	6.9
Asian or Pacific Islander ³	6.6	5.1	4.4	3.9	3.7	6.7	5.9	5.1	4.2	3.9
Hispanic or Latino ^{4,5}	9.0	5.7	5.0	4.5	4.6	7.4	7.0	5.8	4.9	4.6
Mexican	*8.3	5.5	5.2	4.5	4.7	7.6	6.4	5.7	5.0	4.7
Puerto Rican	10.9	7.3	6.3	6.5	5.9	8.1	6.9	7.8	6.2	6.2
Cuban	*	*5.3	*5.3	*4.9	*4.0	5.5	5.9	4.2	3.6	4.4
Central and South American	*7.1	5.6	3.7	3.7	4.1	7.2	7.6	5.4	4.1	3.9
Other and unknown Hispanic or Latino	11.6	5.4	5.2	4.2	3.8	7.9	7.5	5.6	4.8	4.2
Not Hispanic or Latino:										
White ⁵	7.0	5.4	4.6	4.2	4.3	6.8	6.1	5.4	4.5	4.2
Black or African American ⁵	14.8	13.7	12.0	11.5	11.8	14.7	14.9	13.8	11.4	11.6

* Estimates are considered unreliable. Rates preceded by an asterisk are based on fewer than 50 events. Rates not shown are based on fewer than 20 events.

¹Rates based on unweighted birth cohort data.

²Rates based on a period file using weighted data. See Appendix I, National Vital Statistics System, Linked Birth/Infant Death Data Set.

³The States not reporting maternal education on the birth certificate accounted for 49–51 percent of the Asian or Pacific Islander births in the United States in 1983–87, 59 percent in 1988, and 12 percent in 1989–91. Starting in 1992 maternal education was reported by all 50 States and the District of Columbia (DC).

⁴Persons of Hispanic origin may be of any race.

⁵Prior to 1995, data shown only for States with an Hispanic-origin item and education of mother on their birth certificates. See Appendix II, Education; Hispanic origin. The Hispanic-reporting States that did not report maternal education on the birth certificate during 1983–88 together accounted for 28–85 percent of the births in each Hispanic subgroup (except Cuban, 11–16 percent, and Puerto Rican, 6–7 percent in 1983–87); and in 1989–91 accounted for 27–39 percent of Central and South American and Puerto Rican births and 2–9 percent of births in other Hispanic subgroups.

NOTES: Prior to 1995, data for all mothers and by race are shown only for states reporting education of mother on their birth certificates. See Appendix II, Education. The race groups white, black, American Indian or Alaska Native, and Asian or Pacific Islander include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. National linked files do not exist for 1992–94. Data for additional years are available. See Appendix III.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Linked Birth/Infant Death Data Set.

Table 21. Infant mortality rates according to birthweight: United States, selected years 1983–2001

[Data are based on linked birth and death certificates for infants]

<i>Birthweight</i>	1983 ¹	1985 ¹	1990 ¹	1991 ¹	1995 ²	1997 ²	1998 ²	1999 ²	2000 ²	2001 ²
	Infant deaths per 1,000 live births ³									
All birthweights	10.9	10.4	8.9	8.6	7.6	7.2	7.2	7.0	6.9	6.8
Less than 2,500 grams	95.9	93.9	78.1	74.3	65.3	62.4	62.3	61.3	60.2	59.4
Less than 1,500 grams	400.6	387.7	317.6	305.4	270.7	255.0	252.4	249.5	246.9	246.9
Less than 500 grams	890.3	895.9	898.2	889.9	904.9	885.2	869.6	857.7	847.9	856.8
500–999 grams	584.2	559.2	440.1	422.6	351.0	324.4	319.4	318.6	313.8	313.0
1,000–1,499 grams	162.3	145.4	97.9	91.3	69.6	61.8	60.6	59.2	60.9	59.4
1,500–1,999 grams	58.4	54.0	43.8	40.4	33.5	30.6	29.0	29.1	28.7	27.6
2,000–2,499 grams	22.5	20.9	17.8	17.0	13.7	12.5	12.7	12.0	11.9	11.4
2,500 grams or more	4.7	4.3	3.7	3.6	3.0	2.7	2.7	2.6	2.5	2.5
2,500–2,999 grams	8.8	7.9	6.7	6.7	5.5	5.0	4.9	4.7	4.6	4.5
3,000–3,499 grams	4.4	4.3	3.7	3.5	2.9	2.6	2.6	2.5	2.4	2.3
3,500–3,999 grams	3.2	3.0	2.6	2.5	2.0	1.9	1.8	1.7	1.7	1.7
4,000 grams or more	3.3	3.2	2.4	2.4	2.0	1.8	1.7	1.8	1.6	1.6
4,000–4,499 grams	2.9	2.9	2.2	2.2	1.8	1.7	1.7	1.6	1.5	1.5
4,500–4,999 grams	3.9	3.8	2.5	3.0	2.2	2.0	2.0	1.9	2.1	2.0
5,000 grams or more ⁴	14.4	14.7	9.8	8.2	8.5	*4.2	*4.3	*7.9	*6.1	*6.5

* Estimates are considered unreliable. Rates preceded by an asterisk are based on fewer than 50 events.

¹Rates based on unweighted birth cohort data.²Rates based on a period file using weighted data; not stated birthweight imputed when period of gestation is known and proportionately distributed when period of gestation is unknown. See Appendix I, National Vital Statistics System, Linked Birth/Infant Death Data Set.³For calculation of birthweight-specific infant mortality rates, unknown birthweight has been distributed in proportion to known birthweight separately for live births (denominator) and infant deaths (numerator).⁴In 1989 a birthweight-gestational age consistency check instituted for the natality file resulted in a decrease in the number of deaths to infants coded with birthweights of 5,000 grams or more and a discontinuity in the mortality trend for infants weighing 5,000 grams or more at birth. Starting with 1989 the rates are believed to be more accurate.

NOTES: National linked files do not exist for 1992–94. Data for additional years are available. See Appendix III.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Linked Birth/Infant Death Data Set.

Table 22. Infant mortality rates, fetal mortality rates, and perinatal mortality rates, according to race: United States, selected years 1950–2001

[Data are based on death certificates, fetal death records, and birth certificates]

Race and year	Infant ¹	Neonatal ¹			Postneonatal ¹	Fetal mortality rate ²	Late fetal mortality rate ³	Perinatal mortality rate ⁴
		Under 28 days	Under 7 days					
All races								
Deaths per 1,000 live births								
1950 ⁵	29.2	20.5	17.8	8.7	18.4	14.9	32.5	
1960 ⁵	26.0	18.7	16.7	7.3	15.8	12.1	28.6	
1970	20.0	15.1	13.6	4.9	14.0	9.5	23.0	
1980	12.6	8.5	7.1	4.1	9.1	6.2	13.2	
1985	10.6	7.0	5.8	3.7	7.8	4.9	10.7	
1990	9.2	5.8	4.8	3.4	7.5	4.3	9.1	
1995	7.6	4.9	4.0	2.7	7.0	3.6	7.6	
1996	7.3	4.8	3.8	2.5	6.9	3.6	7.4	
1997	7.2	4.8	3.8	2.5	6.8	3.5	7.3	
1998	7.2	4.8	3.8	2.4	6.7	3.4	7.2	
1999	7.1	4.7	3.8	2.3	6.7	3.4	7.1	
2000	6.9	4.6	3.7	2.3	6.6	3.3	7.0	
2001	6.8	4.5	3.6	2.3	6.5	3.3	6.9	
Race of child: ⁶ White								
1950 ⁵	26.8	19.4	17.1	7.4	16.6	13.3	30.1	
1960 ⁵	22.9	17.2	15.6	5.7	13.9	10.8	26.2	
1970	17.8	13.8	12.5	4.0	12.3	8.6	21.0	
1980	11.0	7.5	6.2	3.5	8.1	5.7	11.9	
Race of mother: ⁷ White								
1980	10.9	7.4	6.1	3.5	8.1	5.7	11.8	
1985	9.2	6.0	5.0	3.2	6.9	4.5	9.5	
1990	7.6	4.8	3.9	2.8	6.4	3.8	7.7	
1995	6.3	4.1	3.3	2.2	5.9	3.3	6.5	
1996	6.1	4.0	3.2	2.1	5.9	3.3	6.4	
1997	6.0	4.0	3.2	2.0	5.8	3.2	6.3	
1998	6.0	4.0	3.1	2.0	5.7	3.1	6.2	
1999	5.8	3.9	3.1	1.9	5.7	3.0	6.1	
2000	5.7	3.8	3.0	1.9	5.6	2.9	5.9	
2001	5.7	3.8	3.0	1.9	5.5	2.9	5.9	
Race of child: ⁶ Black or African American								
1950 ⁵	43.9	27.8	23.0	16.1	32.1	---	---	
1960 ⁵	44.3	27.8	23.7	16.5	---	---	---	
1970	32.6	22.8	20.3	9.9	23.2	---	34.5	
1980	21.4	14.1	11.9	7.3	14.4	8.9	20.7	
Race of mother: ⁷ Black or African American								
1980	22.2	14.6	12.3	7.6	14.7	9.1	21.3	
1985	19.0	12.6	10.8	6.4	12.8	7.2	17.9	
1990	18.0	11.6	9.7	6.4	13.3	6.7	16.4	
1995	15.1	9.8	8.2	5.3	12.7	5.7	13.8	
1996	14.7	9.6	7.8	5.1	12.5	5.5	13.3	
1997	14.2	9.4	7.8	4.8	12.5	5.5	13.2	
1998	14.3	9.5	7.8	4.8	12.3	5.3	13.1	
1999	14.6	9.8	7.9	4.8	12.6	5.4	13.2	
2000	14.1	9.4	7.6	4.7	12.4	5.4	13.0	
2001	14.0	9.2	7.6	4.8	12.1	5.3	12.8	

--- Data not available.

¹Infant (under 1 year of age), neonatal (under 28 days), early neonatal (under 7 days), and postneonatal (28 days–11 months).

²Number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths.

³Number of fetal deaths of 28 weeks or more gestation per 1,000 live births plus late fetal deaths.

⁴Number of late fetal deaths plus infant deaths within 7 days of birth per 1,000 live births plus late fetal deaths.

⁵Includes births and deaths of persons who were not residents of the 50 States and the District of Columbia.

⁶Infant deaths are tabulated by race of decedent; live births and fetal deaths are tabulated by race of child. See Appendix II, Race.

⁷Infant deaths are tabulated by race of decedent; fetal deaths and live births are tabulated by race of mother. See Appendix II, Race.

NOTES: Infant mortality rates in this table are based on infant deaths from the mortality file (numerator) and live births from the natality file (denominator). Inconsistencies in reporting race for the same infant between the birth and death certificate can result in underestimated infant mortality rates for races other than white or black. Infant mortality rates for minority population groups are available from the Linked Birth/Infant Death Data Set and are presented in tables 19–20 and 23–24. Data for additional years are available. See Appendix III.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System: Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 23 (page 1 of 2). Infant mortality rates, according to race, Hispanic origin, geographic division, and State: United States, average annual 1989–91, 1996–98, and 1999–2001

[Data are based on linked birth and death certificates for infants]

Geographic division and State	Not Hispanic or Latino								
	All races			White			Black or African American		
	1989–91 ¹	1996–98 ²	1999–2001 ²	1989–91 ¹	1996–98 ²	1999–2001 ²	1989–91 ¹	1996–98 ²	1999–2001 ²
	Infant ³ deaths per 1,000 live births								
United States	9.0	7.2	6.9	7.3	6.0	5.7	17.2	13.9	13.7
New England ⁴	7.3	5.7	5.4	6.2	4.7	4.5	15.1	12.3	12.1
Connecticut	7.9	6.8	6.2	5.9	4.9	4.7	17.0	15.0	13.3
Maine	6.6	5.3	5.3	6.2	5.2	5.3	*	*	*
Massachusetts	7.0	5.1	4.9	5.9	4.4	4.1	14.2	10.7	11.1
New Hampshire ⁴	7.1	4.5	5.2	7.2	4.2	4.5	*	*	*
Rhode Island	8.7	6.5	6.3	7.5	4.8	4.6	*13.6	*9.9	*13.0
Vermont	6.6	6.7	5.9	6.3	6.4	5.7	*	*	*
Middle Atlantic	9.2	6.9	6.5	6.6	5.0	5.0	18.5	13.7	12.8
New Jersey	8.4	6.5	6.4	6.1	4.3	4.4	17.8	14.1	14.0
New York	9.5	6.6	6.2	6.3	4.5	4.8	18.4	12.6	11.4
Pennsylvania	9.2	7.5	7.2	7.2	6.0	5.7	19.1	15.8	15.0
East North Central	9.8	8.0	7.9	7.7	6.4	6.3	19.1	16.0	16.0
Illinois	10.7	8.5	8.2	7.6	6.3	6.1	20.5	17.1	16.4
Indiana	9.4	8.1	7.8	8.4	7.2	7.0	17.3	15.2	14.5
Michigan	10.5	8.2	8.1	7.7	6.2	5.9	20.7	15.8	16.7
Ohio	9.0	7.8	7.8	7.7	6.6	6.6	16.2	14.5	14.9
Wisconsin	8.4	7.0	6.8	7.4	5.7	5.7	17.0	16.6	16.8
West North Central	8.5	7.0	6.7	7.4	6.2	5.8	17.5	14.9	14.5
Iowa	8.2	6.5	5.9	7.8	6.2	5.5	15.8	16.3	15.8
Kansas	8.5	7.6	7.1	7.8	7.1	6.7	15.4	14.5	14.1
Minnesota	7.3	5.9	5.7	6.4	5.4	5.0	18.5	12.3	11.4
Missouri	9.7	7.6	7.4	8.0	6.2	5.9	18.0	15.5	16.0
Nebraska	8.1	7.8	6.9	7.2	7.2	6.1	18.3	17.0	13.2
North Dakota	8.0	6.8	8.0	7.3	6.4	7.0	*	*	*
South Dakota	9.5	7.4	7.1	7.5	6.1	6.2	*	*	*
South Atlantic	10.4	8.3	8.0	7.6	6.3	6.0	17.2	14.0	13.8
Delaware	11.2	8.4	9.2	8.2	6.7	6.8	20.1	15.2	16.3
District of Columbia	20.3	13.8	13.0	*8.2	*	*	23.9	17.2	16.9
Florida	9.4	7.3	7.1	7.2	6.1	5.6	16.2	12.4	12.8
Georgia	11.9	8.7	8.4	8.4	6.3	6.0	17.9	13.7	13.5
Maryland	9.1	8.6	8.0	6.3	5.7	5.1	15.0	14.4	13.6
North Carolina	10.7	9.2	8.7	8.0	7.0	6.7	16.9	15.8	15.1
South Carolina	11.8	9.2	9.3	8.4	6.0	6.3	17.2	14.8	15.2
Virginia	9.9	7.7	7.2	7.4	5.9	5.5	18.0	13.5	13.0
West Virginia	9.1	8.3	7.4	8.8	8.0	7.3	*15.7	*15.1	*10.0
East South Central	10.4	9.0	8.7	8.1	7.0	6.6	16.5	14.6	14.9
Alabama	11.4	10.0	9.5	8.6	7.7	6.8	16.8	14.7	15.2
Kentucky	8.7	7.3	6.8	8.1	6.8	6.5	14.4	12.4	10.5
Mississippi	11.5	10.5	10.4	7.9	7.0	6.9	15.2	14.6	14.6
Tennessee	10.2	8.4	8.5	7.8	6.6	6.5	18.2	15.2	16.0
West South Central ⁴	8.4	7.1	6.7	7.2	6.5	6.1	14.2	12.0	12.2
Arkansas	9.8	9.0	8.2	8.1	7.8	7.5	15.2	13.6	12.2
Louisiana ⁴	10.2	9.2	9.4	7.5	6.6	6.5	14.3	13.1	13.7
Oklahoma ⁴	8.0	8.1	8.1	7.3	7.6	7.6	12.7	14.2	14.3
Texas	7.9	6.3	5.9	6.9	6.0	5.4	14.1	10.7	10.9
Mountain	8.4	6.8	6.3	7.9	6.3	5.8	16.9	13.3	13.3
Arizona	8.8	7.4	6.8	8.2	6.9	6.3	17.3	14.0	16.5
Colorado	8.7	6.8	6.2	8.0	6.2	5.7	16.7	13.9	12.7
Idaho	8.9	7.0	6.9	8.9	6.6	6.6	*	*	*
Montana	9.0	7.1	6.6	8.0	6.5	5.9	*	*	*
Nevada	8.6	6.6	6.2	7.8	6.7	5.2	16.9	12.9	11.9
New Mexico	8.4	6.6	6.6	8.1	6.4	6.9	*17.2	*	*14.7
Utah	7.0	5.9	5.0	6.8	5.6	4.8	*	*	*
Wyoming	8.4	6.6	6.6	8.0	6.0	6.4	*	*	*
Pacific	7.7	5.9	5.5	7.0	5.3	4.8	15.4	12.1	11.3
Alaska	9.2	6.9	7.0	7.2	5.4	5.3	*	*	*
California	7.6	5.9	5.4	6.9	5.3	4.7	15.4	12.2	11.6
Hawaii	7.0	6.5	7.1	5.5	5.5	6.4	*13.6	*	*
Oregon	8.0	5.5	5.5	7.4	5.3	5.4	21.3	*10.3	*7.5
Washington	8.0	5.7	5.3	7.4	5.3	4.9	15.1	11.4	10.3

See footnotes at end of table.

Table 23 (page 2 of 2). Infant mortality rates, according to race, Hispanic origin, geographic division, and State: United States, average annual 1989–91, 1996–98, and 1999–2001

[Data are based on linked birth and death certificates for infants]

Geographic division and State	Hispanic or Latino ⁵			American Indian or Alaska Native ⁶			Asian or Pacific Islander ⁶		
	1989–91 ¹	1996–98 ²	1999–2001 ²	1989–91 ¹	1996–98 ²	1999–2001 ²	1989–91 ¹	1996–98 ²	1999–2001 ²
	Infant ³ deaths per 1,000 live births								
United States	7.5	5.9	5.6	12.6	9.3	9.1	6.6	5.2	4.8
New England ⁷	8.1	7.7	6.6	*	*	*	5.8	3.5	4.1
Connecticut	7.9	9.0	7.5	*	*	*	*	*	*
Maine	*	*	*	*	*	*	*	*	*
Massachusetts	8.3	6.4	5.5	*	*	*	5.7	*3.2	3.8
New Hampshire ⁷	---	*	*	*	*	*	*	*	*
Rhode Island	*7.2	9.5	*7.9	*	*	*	*	*	*
Vermont	*	*	*	*	*	*	*	*	*
Middle Atlantic	9.1	6.4	6.3	*11.6	*	*6.5	6.4	4.4	3.6
New Jersey	7.5	6.7	6.3	*	*	*	5.6	4.7	3.7
New York	9.4	6.0	5.8	*15.2	*	*	6.4	4.1	3.6
Pennsylvania	10.9	8.7	9.0	*	*	*	7.8	5.2	*3.7
East North Central	8.7	7.2	6.8	11.6	9.3	9.2	6.1	5.9	5.8
Illinois	9.2	6.9	6.9	*	*	*	6.0	5.9	6.7
Indiana	*7.2	7.5	6.8	*	*	*	*	*8.2	*
Michigan	7.9	6.8	6.5	*10.7	*10.6	*	*6.1	*4.9	6.0
Ohio	8.0	7.8	7.5	*	*	*	*4.8	*6.1	*4.2
Wisconsin	*7.3	10.3	6.4	*11.9	*9.6	*10.1	*6.7	*5.9	*5.0
West North Central	9.3	6.4	6.6	17.1	13.1	11.2	7.4	6.3	6.1
Iowa	*11.9	*5.2	*6.6	*	*	*	*	*	*
Kansas	8.7	6.3	6.3	*	*	*	*	*	*
Minnesota	*8.4	*6.2	6.8	17.3	15.3	*10.8	*5.1	6.7	7.4
Missouri	*9.1	*5.7	*5.7	*	*	*	*9.1	*	*
Nebraska	*8.8	8.6	7.6	*18.2	*	*17.3	*	*	*
North Dakota	*	*	*	*13.8	*11.0	*15.2	*	*	*
South Dakota	*	*	*	19.9	14.4	11.7	*	*	*
South Atlantic	7.4	5.3	5.3	12.7	11.1	8.5	6.8	5.3	5.2
Delaware	*	*	*8.2	*	*	*	*	*	*
District of Columbia	*8.8	*	*8.5	*	*	*	*	*	*
Florida	7.1	4.9	5.0	*	*	*	*6.2	4.9	4.9
Georgia	9.0	5.6	5.1	*	*	*	*8.2	*4.4	6.2
Maryland	7.2	5.8	6.1	*	*	*	7.5	6.3	*4.8
North Carolina	*7.5	6.0	5.9	12.2	13.4	11.6	*6.3	*5.2	6.9
South Carolina	*	*8.3	*4.4	*	*	*	*	*	*
Virginia	7.6	5.9	4.9	*	*	*	6.0	5.3	4.6
West Virginia	*	*	*	*	*	*	*	*	*
East South Central	*5.9	6.9	6.2	*	*	*10.0	*7.7	*6.2	*5.6
Alabama	*	*8.4	*7.0	*	*	*	*	*	*
Kentucky	*	*	*	*	*	*	*	*	*
Mississippi	*	*	*	*	*	*	*	*	*
Tennessee	*	*6.8	6.3	*	*	*	*	*	*5.8
West South Central ⁷	7.0	5.6	5.1	8.4	7.8	8.2	6.7	4.9	4.2
Arkansas	*	*8.4	*4.2	*	*	*	*	*	*
Louisiana ⁷	---	*	*5.3	*	*	*	*	*6.9	*
Oklahoma ⁷	---	5.8	4.9	7.8	8.0	8.4	*	*	*
Texas	7.0	5.6	5.1	*	*	*	6.8	4.9	3.9
Mountain	7.9	7.0	6.2	11.6	8.8	9.0	8.1	6.0	5.7
Arizona	8.0	7.4	6.3	11.4	9.0	9.3	*8.5	*5.3	*5.2
Colorado	8.5	7.3	6.1	*16.5	*	*	*7.8	*5.7	*6.2
Idaho	*7.2	7.3	8.1	*	*	*	*	*	*
Montana	*	*	*	16.7	*10.2	*11.7	*	*	*
Nevada	7.0	5.1	5.5	*	*	*15.8	*	*5.3	*5.4
New Mexico	7.8	6.6	6.3	9.8	7.2	7.1	*	*	*
Utah	*7.0	6.5	5.9	*10.0	*	*	*10.7	*7.6	*7.0
Wyoming	*	*	*	*	*	*	*	*	*
Pacific	7.1	5.5	5.2	14.6	8.8	9.3	6.5	5.4	4.9
Alaska	*	*	*	15.7	9.8	11.9	*	*	*
California	7.0	5.4	5.1	11.0	8.5	7.9	6.4	5.1	4.5
Hawaii	10.7	*6.9	*6.6	*	*	*	7.1	6.8	7.2
Oregon	8.5	6.1	6.4	*15.7	*	*9.5	*8.4	*5.1	*4.0
Washington	7.6	5.0	4.9	19.6	*9.1	8.9	6.2	5.4	4.4

* Estimates are considered unreliable. Rates preceded by an asterisk are based on fewer than 50 events. Rates not shown are based on fewer than 20 events.

--- Data not available. ¹Rates based on unweighted birth cohort data.

²Rates based on period file using weighted data. See Appendix I, National Vital Statistics System, Linked Birth/Infant Death Data Set.

³Under 1 year of age.

⁴Rates for white and black are substituted for non-Hispanic white and non-Hispanic black for Louisiana 1989, Oklahoma 1989–90, and New Hampshire 1989–91.

⁵Persons of Hispanic origin may be of any race.

⁶Includes persons of Hispanic origin.

⁷Rates for Hispanic origin exclude data from States not reporting Hispanic origin on the birth certificate for 1 or more years in a 3-year period.

NOTE: National linked files do not exist for 1992–94.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Linked Birth/Infant Death Data Set.

Table 24 (page 1 of 2). Neonatal mortality rates, according to race, Hispanic origin, geographic division, and State: United States, average annual 1989–91, 1996–98, and 1999–2001

[Data are based on linked birth and death certificates for infants]

Geographic division and State	Not Hispanic or Latino								
	All races			White			Black or African American		
	1989–91 ¹	1996–98 ²	1999–2001 ²	1989–91 ¹	1996–98 ²	1999–2001 ²	1989–91 ¹	1996–98 ²	1999–2001 ²
	Neonatal ³ deaths per 1,000 live births								
United States	5.7	4.8	4.6	4.6	3.9	3.8	11.1	9.3	9.2
New England ⁴	5.1	4.2	4.1	4.2	3.5	3.4	11.0	8.8	9.2
Connecticut	5.7	5.1	4.7	4.2	3.7	3.6	12.5	11.0	9.8
Maine	4.5	3.7	4.0	4.2	3.7	3.9	*	*	*
Massachusetts	4.9	3.9	3.8	4.1	3.3	3.2	10.4	7.5	8.6
New Hampshire ⁴	4.3	3.4	3.6	4.4	3.2	3.1	*	*	*
Rhode Island	6.4	4.9	4.9	5.3	3.7	3.6	*9.8	*	*9.5
Vermont	4.1	4.8	3.6	3.9	4.6	3.7	*	*	*
Middle Atlantic	6.3	4.8	4.6	4.6	3.5	3.6	12.3	9.3	8.8
New Jersey	5.8	4.6	4.5	4.5	3.1	3.2	11.4	9.5	9.5
New York	6.5	4.6	4.4	4.3	3.1	3.4	12.6	8.6	8.0
Pennsylvania	6.2	5.3	5.1	4.9	4.2	4.1	12.5	10.9	10.0
East North Central	6.3	5.3	5.3	4.9	4.3	4.3	12.1	10.3	10.6
Illinois	7.0	5.6	5.6	5.1	4.3	4.3	12.7	10.8	10.8
Indiana	6.0	5.3	5.1	5.2	4.7	4.6	11.5	10.0	9.0
Michigan	6.9	5.4	5.6	4.9	4.1	4.0	14.0	10.5	11.5
Ohio	5.5	5.2	5.3	4.8	4.4	4.4	9.8	9.4	10.2
Wisconsin	5.1	4.7	4.5	4.6	3.8	3.8	9.1	10.9	10.2
West North Central	5.0	4.5	4.3	4.5	4.0	3.7	10.2	9.8	9.8
Iowa	4.8	4.5	3.7	4.5	4.2	3.4	*10.5	*10.8	*10.4
Kansas	4.9	4.9	4.7	4.6	4.6	4.3	8.3	9.7	9.7
Minnesota	4.3	3.8	3.7	3.9	3.5	3.2	10.7	8.3	7.3
Missouri	6.0	4.9	4.9	5.0	3.9	3.8	10.6	10.1	11.0
Nebraska	4.5	5.3	4.7	4.2	4.9	4.2	*9.8	*11.8	*8.3
North Dakota	5.0	4.2	5.1	4.7	4.3	4.6	*	*	*
South Dakota	5.1	3.8	4.0	4.5	3.4	3.7	*	*	*
South Atlantic	6.9	5.7	5.5	4.9	4.1	4.0	11.7	9.9	9.7
Delaware	7.5	5.8	6.5	5.8	4.1	4.6	12.4	11.9	12.4
District of Columbia	14.1	9.1	9.7	*5.2	*	*	16.7	11.5	12.8
Florida	6.2	4.7	4.7	4.7	3.9	3.6	10.5	8.2	8.5
Georgia	7.9	6.0	5.7	5.5	4.1	4.0	12.0	9.7	9.3
Maryland	5.9	6.1	5.8	3.9	3.8	3.6	10.2	10.7	10.0
North Carolina	7.3	6.3	6.3	5.3	4.7	4.7	11.9	11.1	11.0
South Carolina	7.7	6.5	6.4	5.4	4.0	4.1	11.3	10.9	10.8
Virginia	6.8	5.4	4.9	4.8	4.0	3.7	13.0	9.9	9.2
West Virginia	5.8	5.3	4.9	5.6	5.2	4.8	*9.7	*9.5	*
East South Central	6.6	5.7	5.5	5.0	4.3	4.1	10.6	9.7	9.6
Alabama	7.5	6.5	5.9	5.7	4.8	4.1	11.1	10.1	9.8
Kentucky	5.0	4.7	4.4	4.6	4.3	4.2	8.9	8.1	6.6
Mississippi	7.1	6.6	6.4	4.9	4.2	4.0	9.5	9.5	9.2
Tennessee	6.5	5.3	5.5	4.9	4.1	4.1	11.8	9.8	10.6
West South Central ⁴	5.0	4.4	4.1	4.2	4.0	3.7	8.4	7.5	7.5
Arkansas	5.4	5.5	4.7	4.5	4.7	4.1	8.5	8.3	7.4
Louisiana ⁴	6.3	5.9	6.1	4.8	4.2	4.1	8.5	8.4	8.8
Oklahoma ⁴	4.4	5.0	4.8	4.1	4.7	4.8	6.3	9.2	7.8
Texas	4.7	3.9	3.6	4.1	3.6	3.2	8.5	6.4	6.7
Mountain	4.8	4.3	4.1	4.4	3.9	3.7	10.1	8.8	8.9
Arizona	5.3	4.8	4.4	4.9	4.5	4.1	11.0	9.6	11.2
Colorado	5.0	4.5	4.3	4.7	4.0	3.8	10.9	9.6	10.0
Idaho	5.3	4.4	4.6	5.2	4.1	4.3	*	*	*
Montana	4.6	4.1	3.8	4.2	3.7	3.5	*	*	*
Nevada	4.3	3.7	3.6	3.8	3.4	2.8	*8.3	*7.3	*6.1
New Mexico	5.0	3.9	3.8	4.8	4.0	4.0	*	*	*
Utah	3.7	3.7	3.3	3.6	3.5	3.2	*	*	*
Wyoming	3.9	3.8	4.2	3.8	3.3	4.1	*	*	*
Pacific	4.6	3.8	3.6	4.0	3.3	3.2	9.2	7.5	7.3
Alaska	4.1	3.3	3.4	3.7	2.9	3.3	*	*	*
California	4.6	3.8	3.6	4.1	3.4	3.1	9.2	7.7	7.5
Hawaii	4.3	4.3	5.0	3.5	*3.7	*4.9	*	*	*
Oregon	4.4	3.3	3.7	4.0	3.0	3.6	*11.6	*	*
Washington	4.3	3.6	3.3	3.8	3.3	3.1	9.7	7.5	6.4

See footnotes at end of table.

Table 24 (page 2 of 2). Neonatal mortality rates, according to race, Hispanic origin, geographic division, and State: United States, average annual 1989–91, 1996–98, and 1999–2001

[Data are based on linked birth and death certificates for infants]

Geographic division and State	Hispanic or Latino ⁵			American Indian or Alaska Native ⁶			Asian or Pacific Islander ⁶		
	1989–91 ¹	1996–98 ²	1999–2001 ²	1989–91 ¹	1996–98 ²	1999–2001 ²	1989–91 ¹	1996–98 ²	1999–2001 ²
Neonatal ³ deaths per 1,000 live births									
United States	4.8	3.9	3.8	5.9	4.7	4.5	3.9	3.5	3.2
New England ⁷	5.5	5.7	5.0	*	*	*	4.4	*2.7	2.9
Connecticut	5.3	6.4	5.8	*	*	*	*	*	*
Maine	*	*	*	*	*	*	*	*	*
Massachusetts	5.8	5.1	4.2	*	*	*	*3.9	*2.5	*2.5
New Hampshire ⁷	---	---	---	*	*	*	*	*	*
Rhode Island	*4.9	*6.6	*5.7	*	*	*	*	*	*
Vermont	*	*	*	*	*	*	*	*	*
Middle Atlantic	6.2	4.5	4.3	*	*	*	4.1	3.0	2.4
New Jersey	5.1	4.7	4.3	*	*	*	*3.4	3.2	2.3
New York	6.4	4.2	4.1	*	*	*	4.1	2.9	2.5
Pennsylvania	7.3	6.4	5.7	*	*	*	*5.2	*3.5	*2.4
East North Central	5.9	4.8	4.8	*6.2	*5.3	*5.2	3.6	4.1	4.2
Illinois	6.4	4.4	4.8	*	*	*	3.9	4.2	4.9
Indiana	*4.7	*4.8	5.2	*	*	*	*	*	*
Michigan	5.2	4.8	4.3	*	*	*	*	*3.4	*4.2
Ohio	*5.4	5.9	5.7	*	*	*	*	*4.5	*
Wisconsin	*3.9	8.0	4.2	*	*	*	*	*4.3	*3.9
West North Central	5.3	4.5	4.8	6.1	5.8	5.3	4.6	4.1	4.3
Iowa	*	*	*4.7	*	*	*	*	*	*
Kansas	*5.4	*4.4	4.2	*	*	*	*	*	*
Minnesota	*	*4.3	4.8	*4.9	*7.1	*5.4	*3.2	*4.0	5.2
Missouri	*	*4.3	*4.3	*	*	*	*	*	*
Nebraska	*	*6.3	*5.8	*	*	*	*	*	*
North Dakota	*	*	*	*	*	*	*	*	*
South Dakota	*	*	*	*8.2	*6.1	*4.5	*	*	*
South Atlantic	5.2	3.5	3.7	7.4	7.1	6.2	4.6	3.5	3.8
Delaware	*	*	*	*	*	*	*	*	*
District of Columbia	*	*	*	*	*	*	*	*	*
Florida	5.1	3.1	3.5	*	*	*	*4.4	*3.2	3.6
Georgia	*5.7	3.7	3.4	*	*	*	*5.3	*	*4.7
Maryland	*4.7	*4.4	4.7	*	*	*	*4.5	*5.0	*3.5
North Carolina	*5.5	4.0	4.4	*7.7	*9.7	*9.0	*	*	*5.0
South Carolina	*	*	*3.4	*	*	*	*	*	*
Virginia	*4.8	4.6	3.4	*	*	*	*4.1	*3.8	*3.2
West Virginia	*	*	*	*	*	*	*	*	*
East South Central	*	4.6	3.8	*	*	*	*	*4.1	*4.3
Alabama	*	*	*3.8	*	*	*	*	*	*
Kentucky	*	*	*	*	*	*	*	*	*
Mississippi	*	*	*	*	*	*	*	*	*
Tennessee	*	*4.7	*4.2	*	*	*	*	*	*
West South Central ⁷	4.2	3.5	3.2	4.3	4.3	3.8	4.1	3.1	2.8
Arkansas	*	*5.6	*	*	*	*	*	*	*
Louisiana ⁷	---	*	*	*	*	*	*	*	*
Oklahoma ⁷	---	*3.3	*2.8	*3.7	4.4	3.9	*	*	*
Texas	4.2	3.5	3.2	*	*	*	4.0	3.1	2.5
Mountain	4.7	4.6	4.2	5.8	4.2	4.5	4.6	3.9	3.4
Arizona	5.0	5.0	4.2	5.4	4.1	5.0	*	*	*
Colorado	4.4	5.0	4.5	*	*	*	*	*	*4.1
Idaho	*	*4.8	*5.9	*	*	*	*	*	*
Montana	*	*	*	*7.6	*	*6.6	*	*	*
Nevada	*4.1	3.0	3.7	*	*	*	*	*	*
New Mexico	4.9	3.9	3.8	4.9	*3.4	*2.8	*	*	*
Utah	*3.6	4.1	3.8	*	*	*	*	*	*
Wyoming	*	*	*	*	*	*	*	*	*
Pacific	4.5	3.6	3.5	6.5	4.3	4.0	3.7	3.5	3.2
Alaska	*	*	*	*5.7	*3.9	*4.2	*	*	*
California	4.4	3.6	3.5	6.3	*4.5	*4.0	3.6	3.4	2.9
Hawaii	*6.6	*4.5	*4.5	*	*	*	4.2	4.5	4.9
Oregon	6.5	4.4	4.5	*	*	*	*5.3	*3.8	*2.9
Washington	4.9	3.2	3.3	*8.5	*5.0	*3.5	*2.7	3.3	3.1

* Estimates are considered unreliable. Rates preceded by an asterisk are based on fewer than 50 events. Rates not shown are based on fewer than 20 events.

--- Data not available. ¹Rates based on unweighted birth cohort data.

²Rates based on period file using weighted data. See Appendix I, National Vital Statistics System, Linked Birth/Infant Death Data Set.

³Infants under 28 days of age.

⁴Rates for white and black are substituted for non-Hispanic white and non-Hispanic black for Louisiana 1989, Oklahoma 1989–90, and New Hampshire 1989–91.

⁵Persons of Hispanic origin may be of any race.

⁶Includes persons of Hispanic origin.

⁷Rates for Hispanic origin exclude data from States not reporting Hispanic origin on the birth certificate for 1 or more years in a 3-year period.

NOTE: National linked files do not exist for 1992–94.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Linked Birth/Infant Death Data Set.

Table 27. Life expectancy at birth, at 65 years of age, and at 75 years of age, according to race and sex: United States, selected years 1900–2001

[Data are based on death certificates]

Specified age and year	All races			White			Black or African American ¹		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
At birth									
				Remaining life expectancy in years					
1900 ^{2,3}	47.3	46.3	48.3	47.6	46.6	48.7	33.0	32.5	33.5
1950 ³	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1960 ³	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3
1970	70.8	67.1	74.7	71.7	68.0	75.6	64.1	60.0	68.3
1980	73.7	70.0	77.4	74.4	70.7	78.1	68.1	63.8	72.5
1985	74.7	71.1	78.2	75.3	71.8	78.7	69.3	65.0	73.4
1990	75.4	71.8	78.8	76.1	72.7	79.4	69.1	64.5	73.6
1991	75.5	72.0	78.9	76.3	72.9	79.6	69.3	64.6	73.8
1992	75.8	72.3	79.1	76.5	73.2	79.8	69.6	65.0	73.9
1993	75.5	72.2	78.8	76.3	73.1	79.5	69.2	64.6	73.7
1994	75.7	72.4	79.0	76.5	73.3	79.6	69.5	64.9	73.9
1995	75.8	72.5	78.9	76.5	73.4	79.6	69.6	65.2	73.9
1996	76.1	73.1	79.1	76.8	73.9	79.7	70.2	66.1	74.2
1997	76.5	73.6	79.4	77.1	74.3	79.9	71.1	67.2	74.7
1998	76.7	73.8	79.5	77.3	74.5	80.0	71.3	67.6	74.8
1999	76.7	73.9	79.4	77.3	74.6	79.9	71.4	67.8	74.7
2000 ⁴	77.0	74.3	79.7	77.6	74.9	80.1	71.9	68.3	75.2
2001 ⁵	77.2	74.4	79.8	77.7	75.0	80.2	72.2	68.6	75.5
At 65 years									
1950 ³	13.9	12.8	15.0	---	12.8	15.1	13.9	12.9	14.9
1960 ³	14.3	12.8	15.8	14.4	12.9	15.9	13.9	12.7	15.1
1970	15.2	13.1	17.0	15.2	13.1	17.1	14.2	12.5	15.7
1980	16.4	14.1	18.3	16.5	14.2	18.4	15.1	13.0	16.8
1985	16.7	14.5	18.5	16.8	14.5	18.7	15.2	13.0	16.9
1990	17.2	15.1	18.9	17.3	15.2	19.1	15.4	13.2	17.2
1991	17.4	15.3	19.1	17.5	15.4	19.2	15.5	13.4	17.2
1992	17.5	15.4	19.2	17.6	15.5	19.3	15.7	13.5	17.4
1993	17.3	15.3	18.9	17.4	15.4	19.0	15.5	13.4	17.1
1994	17.4	15.5	19.0	17.5	15.6	19.1	15.7	13.6	17.2
1995	17.4	15.6	18.9	17.6	15.7	19.1	15.6	13.6	17.1
1996	17.5	15.7	19.0	17.6	15.8	19.1	15.8	13.9	17.2
1997	17.7	15.9	19.2	17.8	16.0	19.3	16.1	14.2	17.6
1998	17.8	16.0	19.2	17.8	16.1	19.3	16.1	14.3	17.4
1999	17.7	16.1	19.1	17.8	16.1	19.2	16.0	14.3	17.3
2000 ⁴	18.0	16.2	19.3	18.0	16.3	19.4	16.2	14.2	17.7
2001 ⁵	18.1	16.4	19.4	18.2	16.5	19.5	16.4	14.4	17.9
At 75 years									
1980	10.4	8.8	11.5	10.4	8.8	11.5	9.7	8.3	10.7
1985	10.6	9.0	11.7	10.6	9.0	11.7	10.1	8.7	11.1
1990	10.9	9.4	12.0	11.0	9.4	12.0	10.2	8.6	11.2
1991	11.1	9.5	12.1	11.1	9.5	12.1	10.2	8.7	11.2
1992	11.2	9.6	12.2	11.2	9.6	12.2	10.4	8.9	11.4
1993	10.9	9.5	11.9	11.0	9.5	12.0	10.2	8.7	11.1
1994	11.0	9.6	12.0	11.1	9.6	12.0	10.3	8.9	11.2
1995	11.0	9.7	11.9	11.1	9.7	12.0	10.2	8.8	11.1
1996	11.1	9.8	12.0	11.1	9.8	12.0	10.3	9.0	11.2
1997	11.2	9.9	12.1	11.2	9.9	12.1	10.7	9.3	11.5
1998	11.3	10.0	12.2	11.3	10.0	12.2	10.5	9.2	11.3
1999	11.2	10.0	12.1	11.2	10.0	12.1	10.4	9.2	11.1
2000 ⁴	11.4	10.1	12.3	11.4	10.1	12.3	10.7	9.2	11.6
2001 ⁵	11.5	10.2	12.4	11.5	10.2	12.3	10.8	9.3	11.7

¹Data shown for 1900–60 are for the nonwhite population.

²Death registration area only. The death registration area increased from 10 States and the District of Columbia in 1900 to the coterminous United States in 1933. See Appendix II, Registration area. ³Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

⁴Life expectancies (LEs) for 2000 were revised and may differ from those shown previously. LEs for 2000 were computed using population counts from Census 2000 and replace LEs for 2000 using 1990-based postcensal estimates.

⁵Life expectancies for 2001 were computed using 2000-based postcensal estimates.

NOTES: Populations used for computing life expectancy and other life table values for 1991–1999 are postcensal estimates of U.S. resident population, based on the 1990 census. See Appendix I, Population Census and Population Estimates. Beginning in 1997 life table methodology was revised to construct complete life tables by single years of age that extend to age 100. (Anderson RN. Method for Constructing Complete Annual U.S. Life Tables. National Center for Health Statistics. Vital Health Stat 2(129). 1999.) Previously abridged life tables were constructed for 5-year age groups ending with the age group 85 years and over. Life table values for 2000 and 2001 were computed using a slight modification of the new life table method due to a change in the age detail of populations received from the U.S. Census Bureau. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. Washington: U.S. Government Printing Office, 1968; life expectancy trend data available at www.cdc.gov/nchs/about/major/dvs/mortdata.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 28 (page 1 of 2). Age-adjusted death rates, according to race, Hispanic origin, geographic division, and State: United States, average annual 1979–81, 1989–91, and 1999–2001

[Data are based on death certificates]

Geographic division and State	All persons			White	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Hispanic or Latino ¹	White, not Hispanic or Latino
	1979–81	1989–91	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001
Age-adjusted death rate per 100,000 population ²									
United States	1,022.8	942.2	869.1	849.6	1,122.8	718.0	510.4	672.1	855.0
New England	979.9	882.4	810.8	809.8	913.4	*	411.1	574.3	805.3
Connecticut	961.5	857.5	783.9	774.0	942.1	*	385.2	607.3	764.8
Maine	1,002.9	918.7	858.8	857.7	877.0	*	651.8	*	853.8
Massachusetts	982.6	884.8	814.1	816.7	886.0	*	406.8	594.6	815.0
New Hampshire	982.3	891.7	814.4	816.0	769.4	*	486.5	407.2	800.5
Rhode Island	990.8	889.6	816.2	813.2	1,002.5	*	447.8	450.5	810.2
Vermont	990.2	908.6	818.6	821.0	*	*	*	*	822.8
Middle Atlantic	1,059.1	967.8	848.7	835.5	1,009.3	*	427.9	638.5	832.9
New Jersey	1,047.5	956.0	849.3	828.2	1,101.6	*	393.5	577.2	836.9
New York	1,051.8	973.7	818.3	814.6	904.4	*	438.6	648.7	803.6
Pennsylvania	1,076.4	963.4	888.6	864.9	1,183.6	*	437.9	749.9	863.7
East North Central	1,048.0	957.9	897.3	869.7	1,179.2	*	441.0	588.4	870.1
Illinois	1,063.7	973.8	884.7	846.8	1,199.6	*	439.3	580.4	851.1
Indiana	1,048.3	962.0	927.2	911.5	1,174.9	*	404.0	648.3	914.5
Michigan	1,050.2	966.0	903.3	865.2	1,190.9	*	435.0	685.7	858.1
Ohio	1,070.6	967.4	924.3	903.3	1,150.9	*	422.7	554.5	902.5
Wisconsin	956.4	879.1	822.4	810.0	1,098.1	*	532.3	404.2	812.9
West North Central	951.6	876.6	835.0	819.6	1,162.7	*	485.4	651.3	816.6
Iowa	919.9	848.2	795.0	791.6	1,119.2	*	532.6	665.7	791.9
Kansas	940.1	867.2	848.4	837.6	1,153.3	*	349.1	601.6	830.8
Minnesota	892.9	825.2	766.8	759.3	1,000.1	1,200.7	579.1	631.3	755.4
Missouri	1,033.7	952.4	927.5	903.5	1,203.2	*	403.7	799.6	903.5
Nebraska	930.6	867.9	808.9	797.8	1,127.5	1,423.4	427.2	596.3	795.1
North Dakota	922.4	818.4	779.7	764.8	*	1,386.9	*	*	742.8
South Dakota	941.9	846.4	801.2	766.3	*	1,445.9	*	*	767.9
South Atlantic	1,033.1	951.3	886.2	842.1	1,135.8	*	412.2	606.6	854.0
Delaware	1,069.7	1,001.9	896.4	866.1	1,092.5	*	422.6	745.6	864.5
District of Columbia	1,243.1	1,255.3	1,063.3	687.4	1,282.7	*	509.6	201.1	722.1
Florida	960.8	870.9	810.1	785.2	1,079.7	*	333.0	644.7	803.9
Georgia	1,094.3	1,037.4	974.0	926.9	1,153.0	*	450.0	398.7	932.1
Maryland	1,063.3	985.2	904.5	848.6	1,118.8	*	441.2	222.8	859.9
North Carolina	1,050.4	986.0	937.6	887.7	1,172.1	975.6	388.3	299.8	891.4
South Carolina	1,104.6	1,030.0	968.7	907.6	1,166.7	*	419.0	326.9	910.8
Virginia	1,054.0	963.1	885.2	847.4	1,119.2	*	466.7	484.5	849.8
West Virginia	1,100.3	1,031.5	1,007.5	1,007.6	1,132.6	*	*	318.1	1,009.9
East South Central	1,079.3	1,031.6	1,003.5	967.6	1,208.4	*	436.1	395.0	970.2
Alabama	1,091.2	1,037.9	1,005.0	961.7	1,179.8	*	390.1	259.4	966.0
Kentucky	1,088.9	1,024.5	999.8	991.4	1,188.1	*	428.0	796.7	991.3
Mississippi	1,108.7	1,071.4	1,041.4	974.7	1,209.6	*	511.9	217.6	978.1
Tennessee	1,045.5	1,011.8	987.3	951.8	1,257.7	*	441.4	348.1	954.7
West South Central	1,036.8	974.9	926.6	901.0	1,183.3	*	467.3	762.5	918.0
Arkansas	1,017.0	996.3	968.3	940.4	1,216.1	*	484.3	294.9	946.8
Louisiana	1,132.6	1,074.6	1,012.5	940.8	1,222.0	*	507.7	581.2	945.4
Oklahoma	1,025.6	961.4	975.9	973.4	1,201.5	*	498.4	731.0	977.0
Texas	1,014.9	947.6	890.4	872.7	1,153.8	*	460.2	770.7	890.5
Mountain	961.8	878.2	824.5	819.2	1,017.0	943.3	530.1	778.7	816.7
Arizona	951.5	873.5	811.1	800.3	1,021.3	1,013.8	461.2	797.4	791.5
Colorado	941.1	856.1	800.1	798.9	1,005.0	538.1	526.3	791.0	793.5
Idaho	936.7	856.6	814.6	814.0	1,126.6	953.8	489.7	639.5	815.5
Montana	1,013.6	890.2	850.0	831.4	*	1,311.7	*	727.9	827.7
Nevada	1,077.4	1,017.4	937.2	945.3	1,067.3	749.7	548.0	556.7	974.2
New Mexico	967.1	891.9	828.6	823.1	920.4	873.9	610.8	822.6	808.0
Utah	924.9	823.2	787.6	787.5	927.3	865.8	632.6	690.5	788.6
Wyoming	1,016.1	897.4	867.8	861.8	999.9	1,220.9	*	822.5	860.7

See footnotes at end of table.

Table 28 (page 2 of 2). Age-adjusted death rates, according to race, Hispanic origin, geographic division, and State: United States, average annual 1979–81, 1989–91, and 1999–2001

[Data are based on death certificates]

Geographic division and State	All persons			White	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Hispanic or Latino ¹	White, not Hispanic or Latino
	1979–81	1989–91	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001
Age-adjusted death rate per 100,000 population ²									
Pacific	966.5	900.1	795.8	810.5	1,059.7	*	555.9	647.1	827.3
Alaska	1,087.4	944.6	849.9	814.4	899.4	1,117.3	525.8	688.9	816.2
California	975.5	911.0	792.8	807.3	1,068.2	*	529.8	647.2	829.8
Hawaii	801.2	752.2	678.2	720.0	621.7	*	665.1	1,080.7	708.5
Oregon	953.9	893.0	835.5	838.0	1,048.9	*	537.8	537.9	842.6
Washington	947.7	869.4	808.7	813.0	1,004.3	995.8	523.8	557.6	816.2

* Data for States with population under 10,000 in the middle year of a 3-year period or fewer than 50 deaths for the 3-year period are considered unreliable and are not shown. Data for American Indian or Alaska Native in States with more than 10 percent misclassification of American Indian or Alaska Native deaths on death certificates or without information on misclassification are also not shown. (Support Services International, Inc. Methodology for adjusting IHS mortality data for miscoding race-ethnicity of American Indians and Alaska Natives on State death certificates. Report submitted to Indian Health Service. 1996.) Division death rates for American Indian or Alaska Native are not shown when any State within the division does not meet reliability criteria.

¹Caution should be used when comparing death rates by Hispanic origin and race among States. Estimates of death rates may be affected by several factors including possible misreporting of race and Hispanic origin on the death certificate, migration patterns between U.S. and country of origin for persons who were born outside the U.S., and possible biases in population estimates. See Appendix I, Vital Statistics, Mortality Data and Appendix II, Hispanic origin; Race.

²Average annual death rates, age-adjusted using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment. Denominators for rates are resident population estimates for the middle year of each 3-year period, multiplied by 3. The 2000 populations used to compute rates for 1999–2001 are based on Census 2000. Previously rates were based on post-1990 population estimates. See Appendix I, Population Census and Population Estimates.

NOTES: The race groups, white, black, American Indian or Alaska Native, and Asian or Pacific Islander, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; numerator data from annual mortality files; denominator data from State population estimates prepared by the U.S. Bureau of the Census: 1980 from April 1, 1980 MARS Census File; 1990 from April 1, 1990 MARS Census File; 2000 from National Center for Health Statistics. Estimates of the April 1, 2000, United States resident population by age, sex, race, and Hispanic origin, prepared under a collaborative arrangement with the U.S. Census Bureau. Available at: www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm. 2003.

Table 29 (page 1 of 4). Age-adjusted death rates for selected causes of death, according to sex, race, and Hispanic origin: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and cause of death</i> ¹	1950 ²	1960 ²	1970	1980	1990	1995	2000 ³	2001	
All persons									
	Age-adjusted death rate per 100,000 population ⁴								
All causes	1,446.0	1,339.2	1,222.6	1,039.1	938.7	909.8	869.0	854.5	
Diseases of heart	586.8	559.0	492.7	412.1	321.8	293.4	257.6	247.8	
Ischemic heart disease	---	---	---	345.2	249.6	219.7	186.8	177.8	
Cerebrovascular diseases	180.7	177.9	147.7	96.2	65.3	63.1	60.9	57.9	
Malignant neoplasms	193.9	193.9	198.6	207.9	216.0	209.9	199.6	196.0	
Trachea, bronchus, and lung	15.0	24.1	37.1	49.9	59.3	58.4	56.1	55.3	
Colon, rectum, and anus	---	30.3	28.9	27.4	24.5	22.5	20.8	20.1	
Prostate ⁵	28.6	28.7	28.8	32.8	38.4	37.0	30.4	29.1	
Breast ⁶	31.9	31.7	32.1	31.9	33.3	30.5	26.8	26.0	
Chronic lower respiratory diseases	---	---	---	28.3	37.2	40.1	44.2	43.7	
Influenza and pneumonia	48.1	53.7	41.7	31.4	36.8	33.4	23.7	22.0	
Chronic liver disease and cirrhosis	11.3	13.3	17.8	15.1	11.1	9.9	9.5	9.5	
Diabetes mellitus	23.1	22.5	24.3	18.1	20.7	23.2	25.0	25.3	
Human immunodeficiency virus (HIV) disease	---	---	---	---	10.2	16.2	5.2	5.0	
Unintentional injuries	78.0	62.3	60.1	46.4	36.3	34.4	34.9	35.7	
Motor vehicle-related injuries	24.6	23.1	27.6	22.3	18.5	16.3	15.4	15.3	
Suicide ⁷	13.2	12.5	13.1	12.2	12.5	11.8	10.4	10.7	
Homicide ⁷	5.1	5.0	8.8	10.4	9.4	8.3	5.9	7.1	
Male									
All causes	1,674.2	1,609.0	1,542.1	1,348.1	1,202.8	1,143.9	1,053.8	1,029.1	
Diseases of heart	697.0	687.6	634.0	538.9	412.4	371.0	320.0	305.4	
Ischemic heart disease	---	---	---	459.7	328.2	286.5	241.4	228.5	
Cerebrovascular diseases	186.4	186.1	157.4	102.2	68.5	65.9	62.4	59.0	
Malignant neoplasms	208.1	225.1	247.6	271.2	280.4	267.5	248.9	243.7	
Trachea, bronchus, and lung	24.6	43.6	67.5	85.2	91.1	84.2	76.7	75.2	
Colon, rectum, and anus	---	31.8	32.3	32.8	30.4	27.4	25.1	24.2	
Prostate	28.6	28.7	28.8	32.8	38.4	37.0	30.4	29.1	
Chronic lower respiratory diseases	---	---	---	49.9	55.4	54.8	55.8	54.0	
Influenza and pneumonia	55.0	65.8	54.0	42.1	47.8	42.8	28.9	26.6	
Chronic liver disease and cirrhosis	15.0	18.5	24.8	21.3	15.9	14.2	13.4	13.2	
Diabetes mellitus	18.8	19.9	23.0	18.1	21.7	25.0	27.8	28.1	
Human immunodeficiency virus (HIV) disease	---	---	---	---	18.5	27.3	7.9	7.5	
Unintentional injuries	101.8	85.5	87.4	69.0	52.9	49.6	49.3	50.2	
Motor vehicle-related injuries	38.5	35.4	41.5	33.6	26.5	22.8	21.7	21.8	
Suicide ⁷	21.2	20.0	19.8	19.9	21.5	20.3	17.7	18.2	
Homicide ⁷	7.9	7.5	14.3	16.6	14.8	12.8	9.0	10.8	
Female									
All causes	1,236.0	1,105.3	971.4	817.9	750.9	739.4	731.4	721.8	
Diseases of heart	484.7	447.0	381.6	320.8	257.0	236.6	210.9	203.9	
Ischemic heart disease	---	---	---	263.1	193.9	171.3	146.5	139.9	
Cerebrovascular diseases	175.8	170.7	140.0	91.7	62.6	60.5	59.1	56.4	
Malignant neoplasms	182.3	168.7	163.2	166.7	175.7	173.6	167.6	164.7	
Trachea, bronchus, and lung	5.8	7.5	13.1	24.4	37.1	40.4	41.3	41.0	
Colon, rectum, and anus	---	29.1	26.5	23.8	20.6	19.1	17.7	17.2	
Breast	31.9	31.7	32.1	31.9	33.3	30.5	26.8	26.0	
Chronic lower respiratory diseases	---	---	---	14.9	26.6	31.8	37.4	37.6	
Influenza and pneumonia	41.9	43.8	32.7	25.1	30.5	28.1	20.7	19.2	
Chronic liver disease and cirrhosis	7.8	8.7	11.9	9.9	7.1	6.2	6.2	6.2	
Diabetes mellitus	27.0	24.7	25.1	18.0	19.9	21.8	23.0	23.1	
Human immunodeficiency virus (HIV) disease	---	---	---	---	2.2	5.3	2.5	2.5	
Unintentional injuries	54.0	40.0	35.1	26.1	21.5	21.0	22.0	22.5	
Motor vehicle-related injuries	11.5	11.7	14.9	11.8	11.0	10.3	9.5	9.3	
Suicide ⁷	5.6	5.6	7.4	5.7	4.8	4.3	4.0	4.0	
Homicide ⁷	2.4	2.6	3.7	4.4	4.0	3.7	2.8	3.3	

See footnotes at end of table.

Table 29 (page 2 of 4). Age-adjusted death rates for selected causes of death, according to sex, race, and Hispanic origin: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and cause of death</i> ¹	1950 ²	1960 ²	1970	1980	1990	1995	2000 ³	2001
White ⁸								
Age-adjusted death rate per 100,000 population ⁴								
All causes	1,410.8	1,311.3	1,193.3	1,012.7	909.8	882.3	849.8	836.5
Diseases of heart	584.8	559.0	492.2	409.4	317.0	288.6	253.4	243.5
Ischemic heart disease	---	---	---	347.6	249.7	219.1	185.6	176.5
Cerebrovascular diseases	175.5	172.7	143.5	93.2	62.8	60.7	58.8	55.8
Malignant neoplasms	194.6	193.1	196.7	204.2	211.6	206.2	197.2	193.9
Trachea, bronchus, and lung	15.2	24.0	36.7	49.2	58.6	58.1	56.2	55.6
Colon, rectum, and anus	---	30.9	29.2	27.4	24.1	22.0	20.3	19.6
Prostate ⁵	28.4	27.7	27.4	30.5	35.5	34.2	27.8	26.6
Breast ⁶	32.4	32.0	32.5	32.1	33.2	30.1	26.3	25.5
Chronic lower respiratory diseases	---	---	---	29.3	38.3	41.5	46.0	45.6
Influenza and pneumonia	44.8	50.4	39.8	30.9	36.4	33.0	23.5	21.7
Chronic liver disease and cirrhosis	11.5	13.2	16.6	13.9	10.5	9.7	9.6	9.6
Diabetes mellitus	22.9	21.7	22.9	16.7	18.8	20.9	22.8	23.0
Human immunodeficiency virus (HIV) disease	---	---	---	---	8.3	11.4	2.8	2.6
Unintentional injuries	77.0	60.4	57.8	45.3	35.5	33.9	35.1	36.0
Motor vehicle-related injuries	24.4	22.9	27.1	22.6	18.5	16.3	15.6	15.6
Suicide ⁷	13.9	13.1	13.8	13.0	13.4	12.6	11.3	11.7
Homicide ⁷	2.6	2.7	4.7	6.7	5.5	5.0	3.6	4.9
Black or African American ⁸								
All causes	1,722.1	1,577.5	1,518.1	1,314.8	1,250.3	1,213.9	1,121.4	1,101.2
Diseases of heart	586.7	548.3	512.0	455.3	391.5	363.8	324.8	316.9
Ischemic heart disease	---	---	---	334.5	267.0	244.9	218.3	211.6
Cerebrovascular diseases	233.6	235.2	197.1	129.1	91.6	86.9	81.9	78.8
Malignant neoplasms	176.4	199.1	225.3	256.4	279.5	267.7	248.5	243.1
Trachea, bronchus, and lung	11.1	23.7	41.3	59.7	72.4	69.0	64.0	62.5
Colon, rectum, and anus	---	22.8	26.1	28.3	30.6	29.3	28.2	27.6
Prostate ⁵	30.9	41.2	48.5	61.1	77.0	76.6	68.1	66.1
Breast ⁶	25.3	27.9	28.9	31.7	38.1	38.0	34.5	34.4
Chronic lower respiratory diseases	---	---	---	19.2	28.1	30.1	31.6	30.9
Influenza and pneumonia	76.7	81.1	57.2	34.4	39.4	36.4	25.6	24.1
Chronic liver disease and cirrhosis	9.0	13.6	28.1	25.0	16.5	12.0	9.4	9.3
Diabetes mellitus	23.5	30.9	38.8	32.7	40.5	46.7	49.5	49.2
Human immunodeficiency virus (HIV) disease	---	---	---	---	26.7	54.2	23.3	22.8
Unintentional injuries	79.9	74.0	78.3	57.6	43.8	41.0	37.7	37.6
Motor vehicle-related injuries	26.0	24.2	31.1	20.2	18.8	16.7	15.7	15.4
Suicide ⁷	4.5	5.0	6.2	6.5	7.1	6.8	5.5	5.5
Homicide ⁷	28.3	26.0	44.0	39.0	36.3	29.7	20.5	21.2
American Indian or Alaska Native ⁹								
All causes	---	---	---	867.0	716.3	771.2	709.3	686.7
Diseases of heart	---	---	---	240.6	200.6	204.6	178.2	159.6
Ischemic heart disease	---	---	---	173.6	139.1	141.4	129.1	114.0
Cerebrovascular diseases	---	---	---	57.8	40.7	48.6	45.0	41.3
Malignant neoplasms	---	---	---	113.7	121.8	138.2	127.8	131.0
Trachea, bronchus, and lung	---	---	---	20.7	30.9	37.4	32.3	34.2
Colon, rectum, and anus	---	---	---	9.5	12.0	14.9	13.4	12.0
Prostate ⁵	---	---	---	20.7	17.8	21.7	19.6	19.0
Breast ⁶	---	---	---	10.8	13.7	15.0	13.6	11.8
Chronic lower respiratory diseases	---	---	---	14.2	25.4	27.6	32.8	30.0
Influenza and pneumonia	---	---	---	44.4	36.1	36.1	22.3	22.5
Chronic liver disease and cirrhosis	---	---	---	45.3	24.1	27.4	24.3	22.6
Diabetes mellitus	---	---	---	29.6	34.1	45.9	41.5	40.4
Human immunodeficiency virus (HIV) disease	---	---	---	---	1.8	6.5	2.2	2.7
Unintentional injuries	---	---	---	99.0	62.6	55.3	51.3	51.3
Motor vehicle-related injuries	---	---	---	54.5	32.5	29.1	27.3	25.9
Suicide ⁷	---	---	---	11.9	11.7	10.6	9.8	10.5
Homicide ⁷	---	---	---	15.5	10.4	9.9	6.8	6.8

See footnotes at end of table.

Table 29 (page 3 of 4). Age-adjusted death rates for selected causes of death, according to sex, race, and Hispanic origin: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and cause of death</i> ¹	1950 ²	1960 ²	1970	1980	1990	1995	2000 ³	2001
Asian or Pacific Islander ⁸								
Age-adjusted death rate per 100,000 population ⁴								
All causes	---	---	---	589.9	582.0	554.8	506.4	492.1
Diseases of heart	---	---	---	202.1	181.7	171.3	146.0	137.6
Ischemic heart disease	---	---	---	168.2	139.6	128.0	109.6	103.0
Cerebrovascular diseases	---	---	---	66.1	56.9	55.2	52.9	51.2
Malignant neoplasms	---	---	---	126.1	134.2	131.8	121.9	119.5
Trachea, bronchus, and lung	---	---	---	28.4	30.2	29.9	28.1	28.2
Colon, rectum, and anus	---	---	---	16.4	14.4	14.0	12.7	13.2
Prostate ⁵	---	---	---	10.2	16.8	18.0	12.5	11.6
Breast ⁶	---	---	---	11.9	13.7	13.9	12.3	12.9
Chronic lower respiratory diseases	---	---	---	12.9	19.4	19.3	18.6	17.7
Influenza and pneumonia	---	---	---	24.0	31.4	29.1	19.7	19.0
Chronic liver disease and cirrhosis	---	---	---	6.1	5.2	3.9	3.5	3.5
Diabetes mellitus	---	---	---	12.6	14.6	16.8	16.4	16.9
Human immunodeficiency virus (HIV) disease	---	---	---	---	2.2	3.2	0.6	0.7
Unintentional injuries	---	---	---	27.0	23.9	20.2	17.9	17.4
Motor vehicle-related injuries	---	---	---	13.9	14.0	11.4	8.6	8.1
Suicide ⁷	---	---	---	7.8	6.7	6.7	5.5	5.4
Homicide ⁷	---	---	---	5.9	5.0	4.7	3.0	4.2
Hispanic or Latino ^{8,9}								
All causes	---	---	---	---	692.0	700.2	665.7	658.7
Diseases of heart	---	---	---	---	217.1	211.0	196.0	192.2
Ischemic heart disease	---	---	---	---	173.3	166.4	153.2	149.9
Cerebrovascular diseases	---	---	---	---	45.2	46.3	46.4	44.9
Malignant neoplasms	---	---	---	---	136.8	138.5	134.9	132.3
Trachea, bronchus, and lung	---	---	---	---	26.5	25.9	24.8	23.8
Colon, rectum, and anus	---	---	---	---	14.7	14.1	14.1	14.1
Prostate ⁵	---	---	---	---	23.3	27.4	21.6	23.5
Breast ⁶	---	---	---	---	19.5	18.7	16.9	16.3
Chronic lower respiratory diseases	---	---	---	---	19.3	22.6	21.1	20.7
Influenza and pneumonia	---	---	---	---	29.7	26.2	20.6	20.5
Chronic liver disease and cirrhosis	---	---	---	---	18.3	17.4	16.5	15.8
Diabetes mellitus	---	---	---	---	28.2	35.7	36.9	36.7
Human immunodeficiency virus (HIV) disease	---	---	---	---	16.3	24.9	6.7	6.2
Unintentional injuries	---	---	---	---	34.6	32.2	30.1	30.7
Motor vehicle-related injuries	---	---	---	---	19.5	16.4	14.7	15.0
Suicide ⁷	---	---	---	---	7.8	7.2	5.9	5.7
Homicide ⁷	---	---	---	---	16.2	12.5	7.5	8.3

See footnotes at end of table.

Table 29 (page 4 of 4). Age-adjusted death rates for selected causes of death, according to sex, race, and Hispanic origin: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and cause of death</i> ¹	1950 ²	1960 ²	1970	1980	1990	1995	2000 ³	2001
White, not Hispanic or Latino ⁹	Age-adjusted death rate per 100,000 population ⁴							
All causes	---	---	---	---	914.5	882.3	855.5	842.9
Diseases of heart	---	---	---	---	319.7	289.9	255.5	245.6
Ischemic heart disease	---	---	---	---	251.9	219.9	186.6	177.5
Cerebrovascular diseases	---	---	---	---	63.5	60.8	59.0	56.0
Malignant neoplasms	---	---	---	---	215.4	208.9	200.6	197.4
Trachea, bronchus, and lung	---	---	---	---	60.3	59.6	58.2	57.7
Colon, rectum, and anus	---	---	---	---	24.6	22.3	20.5	19.9
Prostate ⁵	---	---	---	---	36.1	34.4	28.0	26.7
Breast ⁶	---	---	---	---	33.9	30.6	26.8	26.0
Chronic lower respiratory diseases	---	---	---	---	39.2	42.1	47.2	47.0
Influenza and pneumonia	---	---	---	---	36.5	33.0	23.5	21.7
Chronic liver disease and cirrhosis	---	---	---	---	9.9	9.0	9.0	9.0
Diabetes mellitus	---	---	---	---	18.3	20.1	21.8	22.1
Human immunodeficiency virus (HIV) disease	---	---	---	---	7.4	9.8	2.2	2.1
Unintentional injuries	---	---	---	---	35.0	33.4	35.3	36.2
Motor vehicle-related injuries	---	---	---	---	18.2	16.1	15.6	15.5
Suicide ⁷	---	---	---	---	13.8	13.1	12.0	12.5
Homicide ⁷	---	---	---	---	4.0	3.6	2.8	4.0

--- Data not available.

¹Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases* (ICD) for data years shown. For the period 1980–98, causes were coded using ICD–9 codes that are most nearly comparable with the 113 cause list for ICD–10. See Appendix II, tables IV and V.

²Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

³Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

⁴Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

⁵Rate for male population only.

⁶Rate for female population only.

⁷Figures for 2001 include September 11 related deaths for which death certificates were filed as of October 24, 2002. See updated Appendix II table V for new terrorism-related ICD–10 codes.

⁸The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁹Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. Washington: U.S. Government Printing Office. 1968; numerator data from National Vital Statistics System, annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables available at www.cdc.gov/nchs/datawh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 30 (page 1 of 4). Years of potential life lost before age 75 for selected causes of death, according to sex, race, and Hispanic origin: United States, selected years 1980–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and cause of death ²	Crude		Age adjusted ¹			
	2001	1980	1990	1995	2000 ³	2001
All persons						
Years lost before age 75 per 100,000 population under 75 years of age						
All causes	7,564.3	10,448.4	9,085.5	8,626.2	7,578.1	7,531.2
Diseases of heart	1,223.9	2,238.7	1,617.7	1,475.4	1,253.0	1,221.1
Ischemic heart disease	811.5	1,729.3	1,153.6	1,013.2	841.8	809.7
Cerebrovascular diseases	212.0	357.5	259.6	246.5	223.3	211.9
Malignant neoplasms	1,656.6	2,108.8	2,003.8	1,841.6	1,674.1	1,651.7
Trachea, bronchus, and lung	432.5	548.5	561.4	497.3	443.1	431.2
Colorectal	142.9	190.0	164.7	152.0	141.9	142.4
Prostate ⁴	57.8	84.9	96.8	83.5	63.6	61.8
Breast ⁵	337.0	463.2	451.6	398.6	332.6	328.1
Chronic lower respiratory diseases	185.6	169.1	187.4	190.4	188.1	185.8
Influenza and pneumonia	82.5	160.2	141.5	126.9	87.1	82.3
Chronic liver disease and cirrhosis	165.1	300.3	196.9	173.7	164.1	164.7
Diabetes mellitus	181.0	134.4	155.9	174.7	178.4	180.5
Human immunodeficiency virus (HIV) disease	167.3	---	383.8	595.3	174.6	167.8
Unintentional injuries	1,040.4	1,543.5	1,162.1	1,057.2	1,026.5	1,036.8
Motor vehicle-related injuries	575.4	912.9	716.4	616.3	574.3	572.5
Suicide ⁶	344.2	392.0	393.1	384.7	334.5	342.6
Homicide ⁶	313.1	425.5	417.4	378.6	266.5	311.0
Male						
All causes	9,423.1	13,777.2	11,973.5	11,289.2	9,572.2	9,507.1
Diseases of heart	1,658.9	3,352.1	2,356.0	2,117.4	1,766.0	1,708.3
Ischemic heart disease	1,162.4	2,715.1	1,766.3	1,531.5	1,255.4	1,201.8
Cerebrovascular diseases	225.9	396.7	286.6	276.9	244.6	233.5
Malignant neoplasms	1,727.1	2,360.8	2,214.6	2,008.5	1,810.8	1,782.4
Trachea, bronchus, and lung	514.6	821.1	764.8	645.6	554.9	535.9
Colorectal	161.1	214.9	194.3	179.4	167.3	166.6
Prostate	57.8	84.9	96.8	83.5	63.6	61.8
Chronic lower respiratory diseases	191.1	235.1	224.8	213.1	206.0	200.7
Influenza and pneumonia	95.1	202.5	180.0	155.7	102.8	96.9
Chronic liver disease and cirrhosis	229.7	415.0	283.9	254.8	236.9	233.6
Diabetes mellitus	203.7	140.4	170.4	194.6	203.8	209.6
Human immunodeficiency virus (HIV) disease	246.0	---	686.2	991.2	258.9	247.7
Unintentional injuries	1,509.2	2,342.7	1,715.1	1,531.6	1,475.6	1,490.1
Motor vehicle-related injuries	818.1	1,359.7	1,018.4	851.1	796.4	803.5
Suicide ⁶	557.5	605.6	634.8	628.4	539.1	552.3
Homicide ⁶	490.9	675.0	658.0	589.6	410.5	480.5
Female						
All causes	5,716.0	7,350.3	6,333.1	6,057.5	5,644.6	5,609.2
Diseases of heart	791.4	1,246.0	948.5	883.9	774.6	765.4
Ischemic heart disease	462.7	852.1	600.3	537.8	457.6	444.3
Cerebrovascular diseases	198.1	324.0	235.9	218.7	203.9	192.1
Malignant neoplasms	1,586.5	1,896.8	1,826.6	1,698.9	1,555.3	1,538.4
Trachea, bronchus, and lung	350.9	310.4	382.2	365.2	342.1	336.6
Colorectal	124.7	168.7	138.7	127.5	118.7	120.4
Breast	337.0	463.2	451.6	398.6	332.6	328.1
Chronic lower respiratory diseases	180.1	114.0	155.9	171.0	172.3	172.8
Influenza and pneumonia	69.9	122.0	106.2	100.2	72.3	68.7
Chronic liver disease and cirrhosis	100.9	194.5	115.1	96.6	94.5	98.8
Diabetes mellitus	158.4	128.5	142.3	155.9	154.4	153.0
Human immunodeficiency virus (HIV) disease	89.1	---	87.8	205.7	92.0	89.4
Unintentional injuries	574.3	755.3	607.4	580.1	573.2	578.3
Motor vehicle-related injuries	334.1	470.4	411.6	378.4	348.5	337.2
Suicide ⁶	132.1	184.2	153.3	140.8	129.1	131.9
Homicide ⁶	136.4	181.3	174.3	163.2	118.9	137.4

See footnotes at end of table.

Table 30 (page 2 of 4). Years of potential life lost before age 75 for selected causes of death, according to sex, race, and Hispanic origin: United States, selected years 1980–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and cause of death ²	Crude		Age adjusted ¹			
	2001	1980	1990	1995	2000 ³	2001
White ⁷						
Years lost before age 75 per 100,000 population under 75 years of age						
All causes	7,095.9	9,554.1	8,159.5	7,744.9	6,949.5	6,941.6
Diseases of heart	1,161.9	2,100.8	1,490.3	1,353.0	1,149.4	1,115.0
Ischemic heart disease	809.3	1,682.7	1,113.4	975.2	805.3	773.0
Cerebrovascular diseases	182.3	300.7	213.1	205.2	187.1	175.6
Malignant neoplasms	1,677.4	2,035.9	1,929.3	1,780.5	1,627.8	1,610.2
Trachea, bronchus, and lung	450.0	529.9	544.2	487.1	436.3	427.5
Colorectal	141.1	186.8	157.8	145.0	134.1	135.0
Prostate ⁴	52.9	74.8	86.6	73.0	54.3	53.1
Breast ⁵	328.5	460.2	441.7	381.5	315.6	309.6
Chronic lower respiratory diseases	194.0	165.4	182.3	185.7	185.3	184.7
Influenza and pneumonia	74.5	130.8	116.9	108.3	77.7	72.7
Chronic liver disease and cirrhosis	169.7	257.3	175.8	164.6	162.7	164.4
Diabetes mellitus	162.8	115.7	133.7	149.4	155.6	156.2
Human immunodeficiency virus (HIV) disease	88.7	---	309.0	422.6	94.7	88.4
Unintentional injuries	1,043.3	1,520.4	1,139.7	1,040.9	1,031.8	1,049.0
Motor vehicle-related injuries	580.7	939.9	726.7	623.6	586.1	585.1
Suicide ⁶	374.8	414.5	417.7	411.6	362.0	373.5
Homicide ⁶	202.7	271.7	234.9	220.2	156.6	204.0
Black or African American ⁷						
All causes	11,707.9	17,873.4	16,593.0	15,809.7	12,897.1	12,579.7
Diseases of heart	1,878.4	3,619.9	2,891.8	2,681.8	2,275.2	2,248.9
Ischemic heart disease	1,012.5	2,305.1	1,676.1	1,510.2	1,300.1	1,260.6
Cerebrovascular diseases	409.1	883.2	656.4	583.6	507.0	491.3
Malignant neoplasms	1,836.9	2,946.1	2,894.8	2,597.1	2,294.7	2,228.4
Trachea, bronchus, and lung	440.6	776.0	811.3	683.0	593.0	557.5
Colorectal	178.0	232.3	241.8	226.9	222.4	219.6
Prostate ⁴	108.5	200.3	223.5	210.0	171.0	164.1
Breast ⁵	447.1	524.2	592.9	577.4	500.0	501.7
Chronic lower respiratory diseases	188.3	203.7	240.6	244.0	232.7	220.5
Influenza and pneumonia	139.6	384.9	330.8	269.8	161.2	152.1
Chronic liver disease and cirrhosis	155.9	644.0	371.8	250.3	185.6	181.5
Diabetes mellitus	323.4	305.3	361.5	400.8	383.4	392.6
Human immunodeficiency virus (HIV) disease	697.1	---	1,014.7	1,945.4	763.3	743.5
Unintentional injuries	1,159.2	1,751.5	1,392.7	1,272.1	1,152.8	1,133.4
Motor vehicle-related injuries	595.6	750.2	699.5	621.8	580.8	571.7
Suicide ⁶	205.6	238.0	261.4	254.2	208.7	201.5
Homicide ⁶	1,024.4	1,580.8	1,612.9	1,352.8	941.6	963.6
American Indian or Alaska Native ⁷						
All causes	7,395.6	13,390.9	9,506.2	9,332.5	7,758.2	7,991.8
Diseases of heart	795.5	1,819.9	1,391.0	1,296.3	1,030.1	1,027.7
Ischemic heart disease	512.5	1,208.2	901.8	877.3	709.3	695.2
Cerebrovascular diseases	147.2	269.3	223.3	255.3	198.1	193.5
Malignant neoplasms	850.2	1,101.3	1,141.1	1,099.5	995.7	1,099.5
Trachea, bronchus, and lung	167.1	181.1	268.1	267.7	227.8	238.7
Colorectal	63.8	78.8	82.4	103.5	93.8	87.9
Prostate ⁴	20.8	66.7	42.0	51.1	44.5	35.2
Breast ⁵	144.0	205.5	213.4	195.9	174.1	175.2
Chronic lower respiratory diseases	100.4	89.3	129.0	145.3	151.8	139.3
Influenza and pneumonia	137.8	307.9	206.3	199.7	124.0	141.3
Chronic liver disease and cirrhosis	431.8	1,190.3	535.1	604.8	519.4	506.0
Diabetes mellitus	222.8	305.5	292.3	360.6	305.6	297.3
Human immunodeficiency virus (HIV) disease	80.8	---	70.1	246.9	68.4	88.1
Unintentional injuries	1,721.5	3,541.0	2,183.9	1,980.9	1,700.1	1,632.0
Motor vehicle-related injuries	1,072.6	2,102.4	1,301.5	1,210.3	1,032.2	989.4
Suicide ⁶	440.9	515.0	495.9	445.2	403.1	420.6
Homicide ⁶	311.6	628.9	434.2	432.7	278.5	287.0

See footnotes at end of table.

Table 30 (page 3 of 4). Years of potential life lost before age 75 for selected causes of death, according to sex, race, and Hispanic origin: United States, selected years 1980–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and cause of death ²	Crude		Age adjusted ¹			
	2001	1980	1990	1995	2000 ³	2001
Asian or Pacific Islander ⁷						
Years lost before age 75 per 100,000 population under 75 years of age						
All causes	3,616.0	5,378.4	4,705.2	4,333.2	3,811.1	3,798.7
Diseases of heart	482.1	952.8	702.2	664.9	567.9	547.1
Ischemic heart disease	318.0	697.7	486.6	440.6	381.1	369.4
Cerebrovascular diseases	173.9	266.9	233.5	220.0	199.4	198.8
Malignant neoplasms	930.6	1,218.6	1,166.4	1,122.1	1,033.8	1,029.6
Trachea, bronchus, and lung	154.4	238.2	204.7	197.0	185.8	180.8
Colorectal	87.6	115.9	105.1	99.5	91.6	97.2
Prostate ⁴	9.2	17.0	32.4	25.3	18.8	13.3
Breast ⁵	197.7	222.2	216.5	237.8	200.8	205.0
Chronic lower respiratory diseases	44.0	56.4	72.8	65.8	56.5	52.1
Influenza and pneumonia	41.1	79.3	74.0	64.3	48.6	45.4
Chronic liver disease and cirrhosis	41.2	85.6	72.4	48.4	44.8	44.5
Diabetes mellitus	71.7	83.1	74.0	83.5	77.0	83.8
Human immunodeficiency virus (HIV) disease	22.7	---	77.0	110.4	19.9	21.6
Unintentional injuries	453.7	742.7	636.6	525.7	425.7	431.4
Motor vehicle-related injuries	292.1	472.6	445.5	351.9	263.4	275.9
Suicide ⁶	179.3	217.1	200.6	211.1	168.6	166.4
Homicide ⁶	179.7	201.1	205.8	202.3	113.1	165.1
Hispanic or Latino ^{7,8}						
All causes	5,329.0	---	7,963.3	7,426.7	6,037.6	5,982.2
Diseases of heart	513.0	---	1,082.0	962.0	821.3	791.6
Ischemic heart disease	318.5	---	756.6	665.8	564.6	539.1
Cerebrovascular diseases	138.0	---	238.0	232.0	207.8	201.4
Malignant neoplasms	755.9	---	1,232.2	1,172.0	1,098.2	1,099.1
Trachea, bronchus, and lung	90.7	---	193.7	173.9	152.1	154.9
Colorectal	59.8	---	100.2	97.9	101.4	95.8
Prostate ⁴	22.3	---	47.7	60.8	42.9	49.4
Breast ⁵	168.1	---	299.3	257.7	230.7	233.6
Chronic lower respiratory diseases	43.4	---	78.8	82.1	68.5	67.6
Influenza and pneumonia	54.1	---	130.1	108.5	76.0	66.1
Chronic liver disease and cirrhosis	169.9	---	329.1	281.4	252.1	247.7
Diabetes mellitus	128.1	---	177.8	228.8	215.6	212.1
Human immunodeficiency virus (HIV) disease	162.6	---	600.1	865.0	209.4	190.3
Unintentional injuries	1,016.2	---	1,190.6	1,017.9	920.1	945.8
Motor vehicle-related injuries	617.1	---	740.8	593.0	540.2	554.0
Suicide ⁶	193.6	---	256.2	245.1	188.5	185.1
Homicide ⁶	419.2	---	720.8	575.4	335.1	365.2

See footnotes at end of table.

Table 30 (page 4 of 4). Years of potential life lost before age 75 for selected causes of death, according to sex, race, and Hispanic origin: United States, selected years 1980–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and cause of death ²	Crude		Age adjusted ¹			
	2001	1980	1990	1995	2000 ³	2001
White, not Hispanic or Latino ⁸	Years lost before age 75 per 100,000 population under 75 years of age					
All causes	7,336.2	---	8,022.5	7,607.5	6,960.5	6,970.9
Diseases of heart	1,270.7	---	1,504.0	1,368.2	1,175.1	1,144.4
Ischemic heart disease	892.7	---	1,127.2	988.7	824.7	794.7
Cerebrovascular diseases	188.6	---	210.1	199.6	183.0	170.6
Malignant neoplasms	1,834.0	---	1,974.1	1,814.2	1,668.4	1,652.3
Trachea, bronchus, and lung	513.8	---	566.8	507.0	460.3	451.9
Colorectal	155.1	---	162.1	147.8	136.2	138.5
Prostate ⁴	58.3	---	89.2	73.6	54.9	53.2
Breast ⁵	354.6	---	451.5	389.3	322.3	315.9
Chronic lower respiratory diseases	220.5	---	188.1	190.6	193.8	194.3
Influenza and pneumonia	77.5	---	112.3	105.8	76.4	72.9
Chronic liver disease and cirrhosis	167.0	---	162.4	151.4	150.9	153.0
Diabetes mellitus	167.4	---	131.2	142.8	150.2	151.0
Human immunodeficiency virus (HIV) disease	72.5	---	271.2	362.1	76.0	71.0
Unintentional injuries	1,033.5	---	1,114.7	1,026.1	1,041.4	1,057.2
Motor vehicle-related injuries	565.7	---	715.7	618.0	588.8	584.1
Suicide ⁶	405.0	---	433.0	427.7	389.2	405.3
Homicide ⁶	156.2	---	162.0	148.6	113.2	160.1

--- Data not available.

* Rate based on fewer than 20 deaths is considered unreliable and is not shown.

¹Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

²Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. For the period 1980–98, causes were coded using ICD–9 codes that are most nearly comparable with the 113 cause list for ICD–10. See Appendix II, tables IV and V.

³Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

⁴Rate for male population only.

⁵Rate for female population only.

⁶Figures for 2001 include September 11 related deaths for which death certificates were filed as of October 24, 2002. See updated Appendix II table V for terrorism-related ICD–10 codes.

⁷The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁸Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. See Appendix II for definition of years of potential life lost (YPLL) and method of calculation. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National vital statistics system; numerator data from annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1990–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census.

Table 31 (page 1 of 4). Leading causes of death and numbers of deaths, according to sex, race, and Hispanic origin: United States, 1980 and 2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and rank order	1980		2001 ¹	
	Cause of death	Deaths	Cause of death	Deaths
All persons				
...	All causes	1,989,841	All causes	2,416,425
1.	Diseases of heart	761,085	Diseases of heart	700,142
2.	Malignant neoplasms	416,509	Malignant neoplasms	553,768
3.	Cerebrovascular diseases	170,225	Cerebrovascular diseases	163,538
4.	Unintentional injuries	105,718	Chronic lower respiratory diseases	123,013
5.	Chronic obstructive pulmonary diseases	56,050	Unintentional injuries	101,537
6.	Pneumonia and influenza	54,619	Diabetes mellitus	71,372
7.	Diabetes mellitus	34,851	Influenza and pneumonia	62,034
8.	Chronic liver disease and cirrhosis	30,583	Alzheimer's disease	53,852
9.	Atherosclerosis	29,449	Nephritis, nephrotic syndrome and nephrosis	39,480
10.	Suicide	26,869	Septicemia	32,238
Male				
...	All causes	1,075,078	All causes	1,183,421
1.	Diseases of heart	405,661	Diseases of heart	339,095
2.	Malignant neoplasms	225,948	Malignant neoplasms	287,075
3.	Unintentional injuries	74,180	Unintentional injuries	66,060
4.	Cerebrovascular diseases	69,973	Cerebrovascular diseases	63,177
5.	Chronic obstructive pulmonary diseases	38,625	Chronic lower respiratory diseases	59,697
6.	Pneumonia and influenza	27,574	Diabetes mellitus	32,841
7.	Suicide	20,505	Influenza and pneumonia	27,342
8.	Chronic liver disease and cirrhosis	19,768	Suicide	24,672
9.	Homicide	18,779	Nephritis, nephrotic syndrome and nephrosis	18,852
10.	Diabetes mellitus	14,325	Chronic liver disease and cirrhosis	17,393
Female				
...	All causes	914,763	All causes	1,233,004
1.	Diseases of heart	355,424	Diseases of heart	361,047
2.	Malignant neoplasms	190,561	Malignant neoplasms	266,693
3.	Cerebrovascular diseases	100,252	Cerebrovascular diseases	100,361
4.	Unintentional injuries	31,538	Chronic lower respiratory diseases	63,316
5.	Pneumonia and influenza	27,045	Diabetes mellitus	38,531
6.	Diabetes mellitus	20,526	Alzheimer's disease	38,090
7.	Atherosclerosis	17,848	Unintentional injuries	35,477
8.	Chronic obstructive pulmonary diseases	17,425	Influenza and pneumonia	34,692
9.	Chronic liver disease and cirrhosis	10,815	Nephritis, nephrotic syndrome and nephrosis	20,628
10.	Certain conditions originating in the perinatal period	9,815	Septicemia	17,931
White				
...	All causes	1,738,607	All causes	2,079,691
1.	Diseases of heart	683,347	Diseases of heart	610,638
2.	Malignant neoplasms	368,162	Malignant neoplasms	479,651
3.	Cerebrovascular diseases	148,734	Cerebrovascular diseases	140,465
4.	Unintentional injuries	90,122	Chronic lower respiratory diseases	113,819
5.	Chronic obstructive pulmonary diseases	52,375	Unintentional injuries	85,964
6.	Pneumonia and influenza	48,369	Diabetes mellitus	57,180
7.	Diabetes mellitus	28,868	Influenza and pneumonia	54,774
8.	Atherosclerosis	27,069	Alzheimer's disease	50,348
9.	Chronic liver disease and cirrhosis	25,240	Nephritis, nephrotic syndrome and nephrosis	31,345
10.	Suicide	24,829	Suicide	27,710
Black or African American				
...	All causes	233,135	All causes	287,709
1.	Diseases of heart	72,956	Diseases of heart	77,674
2.	Malignant neoplasms	45,037	Malignant neoplasms	62,170
3.	Cerebrovascular diseases	20,135	Cerebrovascular diseases	19,002
4.	Unintentional injuries	13,480	Unintentional injuries	12,462
5.	Homicide	10,172	Diabetes mellitus	12,305
6.	Certain conditions originating in the perinatal period	6,961	Homicide	8,226
7.	Pneumonia and influenza	5,648	Human immunodeficiency virus (HIV) disease	7,844
8.	Diabetes mellitus	5,544	Chronic lower respiratory diseases	7,589
9.	Chronic liver disease and cirrhosis	4,790	Nephritis, nephrotic syndrome and nephrosis	7,274
10.	Nephritis, nephrotic syndrome, and nephrosis	3,416	Septicemia	5,880

See footnotes at end of table.

Table 31 (page 2 of 4). Leading causes of death and numbers of deaths, according to sex, race, and Hispanic origin: United States, 1980 and 2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and rank order	1980		2001 ¹	
	Cause of death	Deaths	Cause of death	Deaths
American Indian or Alaska Native				
...	All causes	6,923	All causes	11,977
1.	Diseases of heart	1,494	Diseases of heart	2,402
2.	Unintentional injuries	1,290	Malignant neoplasms	2,155
3.	Malignant neoplasms	770	Unintentional injuries	1,361
4.	Chronic liver disease and cirrhosis	410	Diabetes mellitus	644
5.	Cerebrovascular diseases	322	Cerebrovascular diseases	574
6.	Pneumonia and influenza	257	Chronic liver disease and cirrhosis	533
7.	Homicide	217	Chronic lower respiratory diseases	427
8.	Diabetes mellitus	210	Suicide	321
9.	Certain conditions originating in the perinatal period	199	Influenza and pneumonia	318
10.	Suicide	181	Nephritis, nephrotic syndrome and nephrosis	236
Asian or Pacific Islander				
...	All causes	11,071	All causes	37,048
1.	Diseases of heart	3,265	Malignant neoplasms	9,792
2.	Malignant neoplasms	2,522	Diseases of heart	9,428
3.	Cerebrovascular diseases	1,028	Cerebrovascular diseases	3,497
4.	Unintentional injuries	810	Unintentional injuries	1,750
5.	Pneumonia and influenza	342	Diabetes mellitus	1,243
6.	Suicide	249	Chronic lower respiratory diseases	1,178
7.	Certain conditions originating in the perinatal period	246	Influenza and pneumonia	1,171
8.	Diabetes mellitus	227	Suicide	634
9.	Homicide	211	Nephritis, nephrotic syndrome and nephrosis	625
10.	Chronic obstructive pulmonary diseases	207	Homicide	543
Hispanic or Latino				
...	---	---	All causes	113,413
1.	---	---	Diseases of heart	27,090
2.	---	---	Malignant neoplasms	22,371
3.	---	---	Unintentional injuries	9,523
4.	---	---	Cerebrovascular diseases	6,416
5.	---	---	Diabetes mellitus	5,663
6.	---	---	Homicide	3,331
7.	---	---	Chronic liver disease and cirrhosis	3,301
8.	---	---	Chronic lower respiratory diseases	2,832
9.	---	---	Influenza and pneumonia	2,722
10.	---	---	Certain conditions originating in the perinatal period	2,227
White male				
...	All causes	933,878	All causes	1,011,218
1.	Diseases of heart	364,679	Diseases of heart	295,556
2.	Malignant neoplasms	198,188	Malignant neoplasms	248,146
3.	Unintentional injuries	62,963	Unintentional injuries	55,493
4.	Cerebrovascular diseases	60,095	Chronic lower respiratory diseases	54,561
5.	Chronic obstructive pulmonary diseases	35,977	Cerebrovascular diseases	53,428
6.	Pneumonia and influenza	23,810	Diabetes mellitus	26,917
7.	Suicide	18,901	Influenza and pneumonia	23,744
8.	Chronic liver disease and cirrhosis	16,407	Suicide	22,328
9.	Diabetes mellitus	12,125	Nephritis, nephrotic syndrome and nephrosis	15,241
10.	Atherosclerosis	10,543	Chronic liver disease and cirrhosis	15,048
Black or African American male				
...	All causes	130,138	All causes	145,908
1.	Diseases of heart	37,877	Diseases of heart	37,016
2.	Malignant neoplasms	25,861	Malignant neoplasms	32,679
3.	Unintentional injuries	9,701	Unintentional injuries	8,537
4.	Cerebrovascular diseases	9,194	Cerebrovascular diseases	7,907
5.	Homicide	8,274	Homicide	6,780
6.	Certain conditions originating in the perinatal period	3,869	Human immunodeficiency virus (HIV) disease	5,328
7.	Pneumonia and influenza	3,386	Diabetes mellitus	5,049
8.	Chronic liver disease and cirrhosis	3,020	Chronic lower respiratory diseases	4,187
9.	Chronic obstructive pulmonary diseases	2,429	Nephritis, nephrotic syndrome and nephrosis	3,186
10.	Diabetes mellitus	2,010	Influenza and pneumonia	2,813

See footnotes at end of table.

Table 31 (page 3 of 4). Leading causes of death and numbers of deaths, according to sex, race, and Hispanic origin: United States, 1980 and 2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and rank order</i>	<i>1980</i>		<i>2001¹</i>	
	<i>Cause of death</i>	<i>Deaths</i>	<i>Cause of death</i>	<i>Deaths</i>
American Indian or Alaska Native male				
...	All causes	4,193	All causes	6,466
1.	Unintentional injuries	946	Diseases of heart	1,358
2.	Diseases of heart	917	Malignant neoplasms	1,103
3.	Malignant neoplasms	408	Unintentional injuries	908
4.	Chronic liver disease and cirrhosis	239	Chronic liver disease and cirrhosis	309
5.	Cerebrovascular diseases	163	Diabetes mellitus	276
6.	Homicide	162	Suicide	259
7.	Pneumonia and influenza	148	Cerebrovascular diseases	217
8.	Suicide	147	Chronic lower respiratory diseases	200
9.	Certain conditions originating in the perinatal period	107	Influenza and pneumonia	160
10.	Diabetes mellitus	86	Homicide	146
Asian or Pacific Islander male				
...	All causes	6,809	All causes	19,829
1.	Diseases of heart	2,174	Diseases of heart	5,165
2.	Malignant neoplasms	1,485	Malignant neoplasms	5,147
3.	Unintentional injuries	556	Cerebrovascular diseases	1,625
4.	Cerebrovascular diseases	521	Unintentional injuries	1,122
5.	Pneumonia and influenza	227	Chronic lower respiratory diseases	749
6.	Suicide	159	Influenza and pneumonia	625
7.	Chronic obstructive pulmonary diseases	158	Diabetes mellitus	599
8.	Homicide	151	Suicide	458
9.	Certain conditions originating in the perinatal period	128	Homicide	375
10.	Diabetes mellitus	103	Nephritis, nephrotic syndrome and nephrosis	320
Hispanic or Latino male				
...	---	---	All causes	63,317
1.	---	---	Diseases of heart	14,195
2.	---	---	Malignant neoplasms	11,825
3.	---	---	Unintentional injuries	7,157
4.	---	---	Cerebrovascular diseases	2,982
5.	---	---	Homicide	2,756
6.	---	---	Diabetes mellitus	2,590
7.	---	---	Chronic liver disease and cirrhosis	2,410
8.	---	---	Suicide	1,576
9.	---	---	Chronic lower respiratory diseases	1,482
10.	---	---	Human immunodeficiency virus (HIV) disease	1,437
White female				
...	All causes	804,729	All causes	1,068,473
1.	Diseases of heart	318,668	Diseases of heart	315,082
2.	Malignant neoplasms	169,974	Malignant neoplasms	231,505
3.	Cerebrovascular diseases	88,639	Cerebrovascular diseases	87,037
4.	Unintentional injuries	27,159	Chronic lower respiratory diseases	59,258
5.	Pneumonia and influenza	24,559	Alzheimer's disease	35,634
6.	Diabetes mellitus	16,743	Influenza and pneumonia	31,030
7.	Atherosclerosis	16,526	Unintentional injuries	30,471
8.	Chronic obstructive pulmonary diseases	16,398	Diabetes mellitus	30,263
9.	Chronic liver disease and cirrhosis	8,833	Nephritis, nephrotic syndrome and nephrosis	16,104
10.	Certain conditions originating in the perinatal period	6,512	Septicemia	14,435
Black or African American female				
...	All causes	102,997	All causes	141,801
1.	Diseases of heart	35,079	Diseases of heart	40,658
2.	Malignant neoplasms	19,176	Malignant neoplasms	29,491
3.	Cerebrovascular diseases	10,941	Cerebrovascular diseases	11,095
4.	Unintentional injuries	3,779	Diabetes mellitus	7,256
5.	Diabetes mellitus	3,534	Nephritis, nephrotic syndrome and nephrosis	4,088
6.	Certain conditions originating in the perinatal period	3,092	Unintentional injuries	3,925
7.	Pneumonia and influenza	2,262	Chronic lower respiratory diseases	3,402
8.	Homicide	1,898	Septicemia	3,245
9.	Chronic liver disease and cirrhosis	1,770	Influenza and pneumonia	2,958
10.	Nephritis, nephrotic syndrome, and nephrosis	1,722	Human immunodeficiency virus (HIV) disease	2,516

See footnotes at end of table.

Table 31 (page 4 of 4). Leading causes of death and numbers of deaths, according to sex, race, and Hispanic origin: United States, 1980 and 2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and rank order	1980		2001 ¹	
	Cause of death	Deaths	Cause of death	Deaths
American Indian or Alaska Native female				
...	All causes	2,730	All causes	5,511
1.	Diseases of heart	577	Malignant neoplasms	1,052
2.	Malignant neoplasms	362	Diseases of heart	1,044
3.	Unintentional injuries	344	Unintentional injuries	453
4.	Chronic liver disease and cirrhosis	171	Diabetes mellitus	368
5.	Cerebrovascular diseases	159	Cerebrovascular diseases	357
6.	Diabetes mellitus	124	Chronic lower respiratory diseases	227
7.	Pneumonia and influenza	109	Chronic liver disease and cirrhosis	224
8.	Certain conditions originating in the perinatal period	92	Influenza and pneumonia	158
9.	Nephritis, nephrotic syndrome, and nephrosis	56	Nephritis, nephrotic syndrome and nephrosis	131
10.	Homicide	55	Septicemia	72
Asian or Pacific Islander female				
...	All causes	4,262	All causes	17,219
1.	Diseases of heart	1,091	Malignant neoplasms	4,645
2.	Malignant neoplasms	1,037	Diseases of heart	4,263
3.	Cerebrovascular diseases	507	Cerebrovascular diseases	1,872
4.	Unintentional injuries	254	Diabetes mellitus	644
5.	Diabetes mellitus	124	Unintentional injuries	628
6.	Certain conditions originating in the perinatal period	118	Influenza and pneumonia	546
7.	Pneumonia and influenza	115	Chronic lower respiratory diseases	429
8.	Congenital anomalies	104	Nephritis, nephrotic syndrome and nephrosis	305
9.	Suicide	90	Essential (primary) hypertension and hypertensive renal disease	234
10.	Homicide	60	Alzheimer's disease	188
Hispanic or Latino female				
...	---	---	All causes	50,096
1.	---	---	Diseases of heart	12,895
2.	---	---	Malignant neoplasms	10,546
3.	---	---	Cerebrovascular diseases	3,434
4.	---	---	Diabetes mellitus	3,073
5.	---	---	Unintentional injuries	2,366
6.	---	---	Influenza and pneumonia	1,413
7.	---	---	Chronic lower respiratory diseases	1,350
8.	---	---	Nephritis, nephrotic syndrome and nephrosis	965
9.	---	---	Certain conditions originating in the perinatal period	959
10.	---	---	Chronic liver disease and cirrhosis	891

... Category not applicable.

--- Data not available.

¹Figures for homicide and suicide include September 11, 2001 related deaths for which death certificates were filed as of October 24, 2002. See updated Appendix II table V for terrorism-related ICD-10 codes.

NOTES: For cause of death code numbers based on the *International Classification of Diseases, 9th Revision (ICD-9)* in 1980 and ICD-10 in 2001, see Appendix II, tables IV and V.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; *Vital statistics of the United States, vol II, mortality, part A*, 1980. Washington: Public Health Service. 1985; Anderson RN, Smith BL. Deaths: Leading causes for 2001. National vital statistics reports. vol 52 no 9. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 32 (page 1 of 2). Leading causes of death and numbers of deaths, according to age: United States, 1980 and 2001

[Data are based on death certificates]

Age and rank order	1980		2001 ¹	
	Cause of death	Deaths	Cause of death	Deaths
Under 1 year				
...	All causes	45,526	All causes	27,568
1.	Congenital anomalies	9,220	Congenital malformations, deformations and chromosomal abnormalities	5,513
2.	Sudden infant death syndrome	5,510	Disorders related to short gestation and low birth weight, not elsewhere classified	4,410
3.	Respiratory distress syndrome	4,989	Sudden infant death syndrome	2,234
4.	Disorders relating to short gestation and unspecified low birthweight	3,648	Newborn affected by maternal complications of pregnancy	1,499
5.	Newborn affected by complications of pregnancy	1,572	Newborn affected by complications of placenta, cord and membranes	1,018
6.	Intrauterine hypoxia and birth asphyxia	1,497	Respiratory distress of newborn	1,011
7.	Unintentional injuries	1,166	Unintentional injuries	976
8.	Birth trauma	1,058	Bacterial sepsis of newborn	696
9.	Pneumonia and influenza	1,012	Diseases of circulatory system	622
10.	Newborn affected by complications of placenta, cord, and membranes	985	Intrauterine hypoxia and birth asphyxia	534
1-4 years				
...	All causes	8,187	All causes	5,107
1.	Unintentional injuries	3,313	Unintentional injuries	1,714
2.	Congenital anomalies	1,026	Congenital malformations, deformations and chromosomal abnormalities	557
3.	Malignant neoplasms	573	Malignant neoplasms	420
4.	Diseases of heart	338	Homicide	415
5.	Homicide	319	Diseases of heart	225
6.	Pneumonia and influenza	267	Influenza and pneumonia	112
7.	Meningitis	223	Septicemia	108
8.	Meningococcal infection	110	Certain conditions originating in the perinatal period	72
9.	Certain conditions originating in the perinatal period	84	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	58
10.	Septicemia	71	Cerebrovascular diseases	54
5-14 years				
...	All causes	10,689	All causes	7,095
1.	Unintentional injuries	5,224	Unintentional injuries	2,836
2.	Malignant neoplasms	1,497	Malignant neoplasms	1,008
3.	Congenital anomalies	561	Congenital malformations, deformations and chromosomal abnormalities	376
4.	Homicide	415	Homicide	326
5.	Diseases of heart	330	Suicide	279
6.	Pneumonia and influenza	194	Diseases of heart	272
7.	Suicide	142	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	105
8.	Benign neoplasms	104	Chronic lower respiratory diseases	104
9.	Cerebrovascular diseases	95	Influenza and pneumonia	92
10.	Chronic obstructive pulmonary diseases	85	Cerebrovascular diseases	80
15-24 years				
...	All causes	49,027	All causes	32,252
1.	Unintentional injuries	26,206	Unintentional injuries	14,411
2.	Homicide	6,537	Homicide	5,297
3.	Suicide	5,239	Suicide	3,971
4.	Malignant neoplasms	2,683	Malignant neoplasms	1,704
5.	Diseases of heart	1,223	Diseases of heart	999
6.	Congenital anomalies	600	Congenital malformations, deformations and chromosomal abnormalities	505
7.	Cerebrovascular diseases	418	Human immunodeficiency virus (HIV) disease	225
8.	Pneumonia and influenza	348	Cerebrovascular diseases	196
9.	Chronic obstructive pulmonary diseases	141	Influenza and pneumonia	181
10.	Anemias	133	Chronic lower respiratory diseases	171

See footnotes at end of table.

Table 32 (page 2 of 2). Leading causes of death and numbers of deaths, according to age: United States, 1980 and 2001

[Data are based on death certificates]

Age and rank order	1980		2001 ¹	
	Cause of death	Deaths	Cause of death	Deaths
25–44 years				
...	All causes	108,658	All causes	133,357
1.	Unintentional injuries	26,722	Unintentional injuries	27,784
2.	Malignant neoplasms	17,551	Malignant neoplasms	20,563
3.	Diseases of heart	14,513	Diseases of heart	16,486
4.	Homicide	10,983	Suicide	11,705
5.	Suicide	9,855	Homicide	9,472
6.	Chronic liver disease and cirrhosis	4,782	Human immunodeficiency virus (HIV) disease	7,968
7.	Cerebrovascular diseases	3,154	Chronic liver disease and cirrhosis	3,723
8.	Diabetes mellitus	1,472	Cerebrovascular diseases	3,092
9.	Pneumonia and influenza	1,467	Diabetes mellitus	2,553
10.	Congenital anomalies	817	Influenza and pneumonia	1,322
45–64 years				
...	All causes	425,338	All causes	412,204
1.	Diseases of heart	148,322	Malignant neoplasms	139,785
2.	Malignant neoplasms	135,675	Diseases of heart	98,885
3.	Cerebrovascular diseases	19,909	Unintentional injuries	21,002
4.	Unintentional injuries	18,140	Cerebrovascular diseases	15,518
5.	Chronic liver disease and cirrhosis	16,089	Diabetes mellitus	14,913
6.	Chronic obstructive pulmonary diseases	11,514	Chronic lower respiratory diseases	14,490
7.	Diabetes mellitus	7,977	Chronic liver disease and cirrhosis	13,009
8.	Suicide	7,079	Suicide	9,259
9.	Pneumonia and influenza	5,804	Human immunodeficiency virus (HIV) disease	5,437
10.	Homicide	4,019	Nephritis, nephrotic syndrome and nephrosis	5,106
65 years and over				
...	All causes	1,341,848	All causes	1,798,420
1.	Diseases of heart	595,406	Diseases of heart	582,730
2.	Malignant neoplasms	258,389	Malignant neoplasms	390,214
3.	Cerebrovascular diseases	146,417	Cerebrovascular diseases	144,486
4.	Pneumonia and influenza	45,512	Chronic lower respiratory diseases	106,904
5.	Chronic obstructive pulmonary diseases	43,587	Influenza and pneumonia	55,518
6.	Atherosclerosis	28,081	Diabetes mellitus	53,707
7.	Diabetes mellitus	25,216	Alzheimer's disease	53,245
8.	Unintentional injuries	24,844	Nephritis, nephrotic syndrome and nephrosis	33,121
9.	Nephritis, nephrotic syndrome, and nephrosis	12,968	Unintentional injuries	32,694
10.	Chronic liver disease and cirrhosis	9,519	Septicemia	25,418

... Category not applicable.

¹Figures for homicide and suicide include September 11, 2001 related deaths for which death certificates were filed as of October 24, 2002. See updated Appendix II table V for new terrorism-related ICD-10 codes.

NOTES: For cause of death code numbers based on the *International Classification of Diseases, 9th Revision* (ICD-9) in 1980 and ICD-10 in 2001, see Appendix II, tables IV and V.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; *Vital statistics of the United States, vol II, mortality, part A*, 1980. Washington: Public Health Service. 1985; Anderson RN, Smith BL. Deaths: Leading causes for 2001. National vital statistics reports. vol 52 no 9. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 33 (page 1 of 3). Age-adjusted death rates, according to race, sex, region, and urbanization level: United States, average annual 1984–86, 1989–91, and 1998–2000

[Data are based on the National Vital Statistics System]

Sex, region, and urbanization level ¹	All races			White			Black or African American		
	1984–86	1989–91	1998–2000	1984–86	1989–91	1998–2000	1984–86	1989–91	1998–2000
Both sexes									
Age-adjusted death rate per 100,000 standard population ²									
All regions:									
Metropolitan counties:									
Large central	1,013.9	977.1	865.2	975.1	929.4	834.2	1,277.5	1,292.7	1,120.1
Large fringe	953.9	894.8	827.0	946.1	884.3	820.1	1,170.3	1,144.0	1,038.5
Small	970.1	926.2	871.6	948.7	900.8	850.7	1,255.5	1,250.9	1,152.4
Nonmetropolitan counties:									
With a city of 10,000 or more	979.5	946.9	905.5	961.5	926.5	885.9	1,262.9	1,262.5	1,200.0
Without a city of 10,000 or more	987.5	960.8	919.8	966.7	936.8	897.1	1,232.7	1,249.3	1,175.9
Northeast:									
Metropolitan counties:									
Large central	1,056.2	1,020.6	862.9	1,014.1	967.8	840.7	1,256.0	1,260.1	1,001.4
Large fringe	967.1	896.9	813.2	961.5	889.7	811.1	1,146.9	1,093.4	968.0
Small	973.5	907.7	839.6	965.3	896.9	831.7	1,220.9	1,186.9	1,057.8
Nonmetropolitan counties:									
With a city of 10,000 or more	1,003.6	932.3	862.9	1,003.7	932.4	863.3	1,192.9	1,064.3	937.3
Without a city of 10,000 or more	996.1	939.7	868.7	995.8	939.3	866.8	1,250.2	1,135.9	1,178.9
Midwest:									
Metropolitan counties:									
Large central	1,055.6	1,018.7	943.5	997.6	943.3	874.8	1,296.5	1,311.9	1,202.9
Large fringe	970.2	908.4	852.9	961.0	896.6	842.7	1,243.0	1,209.9	1,123.2
Small	960.7	912.3	872.7	947.7	895.4	856.5	1,230.9	1,227.7	1,168.3
Nonmetropolitan counties:									
With a city of 10,000 or more	935.9	902.7	870.3	932.7	898.3	864.9	1,208.7	1,196.0	1,177.5
Without a city of 10,000 or more	922.0	894.1	857.2	917.8	888.0	849.7	1,193.5	1,247.9	1,374.4
South:									
Metropolitan counties:									
Large central	1,021.1	999.1	905.1	945.6	908.3	832.3	1,318.4	1,343.8	1,181.6
Large fringe	944.0	899.6	849.0	927.6	879.2	834.0	1,163.7	1,154.2	1,054.1
Small	986.8	951.7	898.8	945.5	905.3	860.3	1,268.2	1,267.4	1,168.7
Nonmetropolitan counties:									
With a city of 10,000 or more	1,028.6	1,009.6	979.6	989.0	966.7	940.0	1,274.7	1,277.3	1,216.0
Without a city of 10,000 or more	1,039.8	1,020.8	985.6	1,009.1	984.9	955.8	1,235.1	1,252.4	1,175.8
West:									
Metropolitan counties:									
Large central	942.7	904.2	796.7	944.9	905.7	809.0	1,198.3	1,219.4	1,082.2
Large fringe	896.7	851.5	767.1	901.1	853.3	773.5	1,130.9	1,144.6	999.0
Small	921.6	891.2	826.5	928.2	897.8	837.8	1,180.0	1,169.6	1,037.5
Nonmetropolitan counties:									
With a city of 10,000 or more	929.1	899.0	837.9	929.7	897.6	837.4	1,117.8	1,177.7	996.0
Without a city of 10,000 or more	936.6	901.0	840.2	927.4	892.8	824.6	933.5	1,078.6	1,350.5

See footnotes at end of table.

Table 33 (page 2 of 3). Age-adjusted death rates, according to race, sex, region, and urbanization level: United States, average annual 1984–86, 1989–91, and 1998–2000

[Data are based on the National Vital Statistics System]

Sex, region, and urbanization level ¹	All races			White			Black or African American		
	1984–86	1989–91	1998–2000	1984–86	1989–91	1998–2000	1984–86	1989–91	1998–2000
Male	Age-adjusted death rate per 100,000 standard population ²								
All regions:									
Metropolitan counties:									
Large central	1,309.4	1,255.2	1,055.9	1,261.1	1,192.6	1,014.9	1,675.8	1,714.5	1,421.7
Large fringe	1,218.9	1,129.0	995.1	1,210.7	1,116.3	986.5	1,490.6	1,458.2	1,281.7
Small	1,258.4	1,184.6	1,061.9	1,235.0	1,152.6	1,035.9	1,615.7	1,634.9	1,442.4
Nonmetropolitan counties:									
With a city of 10,000 or more	1,274.4	1,219.7	1,112.3	1,255.7	1,195.6	1,087.6	1,624.1	1,644.9	1,514.3
Without a city of 10,000 or more	1,285.1	1,241.7	1,132.8	1,261.6	1,211.9	1,104.1	1,598.2	1,640.8	1,492.8
Northeast:									
Metropolitan counties:									
Large central	1,375.0	1,326.8	1,065.7	1,319.6	1,255.1	1,036.0	1,668.8	1,698.6	1,283.2
Large fringe	1,237.1	1,134.2	986.8	1,230.6	1,125.5	984.7	1,479.2	1,405.1	1,198.4
Small	1,269.7	1,169.2	1,032.3	1,259.8	1,154.8	1,023.0	1,584.1	1,575.1	1,310.4
Nonmetropolitan counties:									
With a city of 10,000 or more	1,297.3	1,202.5	1,060.7	1,299.0	1,203.3	1,063.1	1,409.3	1,331.9	1,024.5
Without a city of 10,000 or more	1,284.0	1,200.6	1,054.0	1,284.6	1,201.0	1,052.2	1,516.9	1,392.4	1,471.9
Midwest:									
Metropolitan counties:									
Large central	1,379.4	1,322.4	1,164.8	1,309.7	1,225.0	1,076.1	1,690.4	1,730.8	1,527.6
Large fringe	1,250.3	1,151.3	1,030.7	1,241.0	1,137.8	1,018.8	1,560.7	1,523.6	1,372.1
Small	1,257.1	1,173.7	1,072.7	1,242.6	1,152.8	1,053.5	1,574.6	1,583.3	1,437.1
Nonmetropolitan counties:									
With a city of 10,000 or more	1,224.9	1,171.0	1,071.5	1,222.0	1,166.6	1,065.6	1,508.6	1,485.7	1,417.1
Without a city of 10,000 or more	1,201.6	1,156.2	1,060.3	1,197.2	1,149.5	1,051.5	1,381.0	1,444.1	1,694.9
South:									
Metropolitan counties:									
Large central	1,322.2	1,300.0	1,110.3	1,223.7	1,179.1	1,015.9	1,734.3	1,796.7	1,506.3
Large fringe	1,209.2	1,140.4	1,018.7	1,190.3	1,114.4	998.7	1,488.7	1,485.8	1,309.1
Small	1,280.9	1,222.1	1,094.4	1,232.3	1,160.9	1,044.3	1,640.0	1,668.5	1,477.9
Nonmetropolitan counties:									
With a city of 10,000 or more	1,353.0	1,318.6	1,219.9	1,311.2	1,265.8	1,168.4	1,653.8	1,684.2	1,558.3
Without a city of 10,000 or more	1,364.1	1,332.3	1,224.4	1,330.6	1,286.9	1,185.5	1,610.2	1,656.6	1,500.3
West:									
Metropolitan counties:									
Large central	1,199.8	1,134.8	956.6	1,205.6	1,138.3	969.7	1,544.1	1,554.7	1,326.8
Large fringe	1,123.6	1,050.9	904.1	1,132.1	1,055.9	910.3	1,364.3	1,330.9	1,187.6
Small	1,173.2	1,111.1	991.6	1,187.4	1,123.2	1,004.7	1,431.7	1,422.7	1,214.5
Nonmetropolitan counties:									
With a city of 10,000 or more	1,172.6	1,109.7	1,002.8	1,176.1	1,110.6	999.6	1,361.7	1,387.8	1,110.5
Without a city of 10,000 or more	1,172.4	1,118.1	997.5	1,162.0	1,108.5	977.5	1,087.2	1,199.9	2,077.1

See footnotes at end of table.

Table 33 (page 3 of 3). Age-adjusted death rates, according to race, sex, region, and urbanization level: United States, average annual 1984–86, 1989–91, and 1998–2000

[Data are based on the National Vital Statistics System]

Sex, region, and urbanization level ¹	All races			White			Black or African American		
	1984–86	1989–91	1998–2000	1984–86	1989–91	1998–2000	1984–86	1989–91	1998–2000
Female	Age-adjusted death rate per 100,000 standard population ²								
All regions:									
Metropolitan counties:									
Large central	810.1	779.4	725.2	780.5	743.6	700.3	999.8	1,000.9	916.0
Large fringe	772.4	733.4	705.3	766.0	725.3	699.3	936.5	918.5	872.8
Small	769.7	744.4	730.5	751.2	724.7	712.9	999.0	983.2	952.8
Nonmetropolitan counties:									
With a city of 10,000 or more	769.0	752.9	751.8	752.9	736.0	735.4	1,003.2	996.6	987.3
Without a city of 10,000 or more	762.0	749.8	754.8	743.9	730.3	736.1	960.1	967.1	953.2
Northeast:									
Metropolitan counties:									
Large central	842.2	808.5	721.3	810.5	769.4	702.2	983.7	972.0	822.0
Large fringe	788.0	737.6	690.9	783.7	732.2	688.5	915.7	876.3	813.8
Small	778.6	734.7	704.4	772.3	726.9	697.6	961.5	917.8	881.9
Nonmetropolitan counties:									
With a city of 10,000 or more	802.8	748.3	719.1	802.1	748.2	718.3	1,016.6	856.5	857.3
Without a city of 10,000 or more	787.3	751.7	729.2	786.9	751.2	727.7	1,044.1	917.1	1,000.4
Midwest:									
Metropolitan counties:									
Large central	840.8	814.9	787.5	797.4	760.6	734.4	1,015.2	1,018.8	978.1
Large fringe	783.8	747.7	729.0	775.8	738.1	720.3	1,008.7	982.6	948.4
Small	764.6	737.8	732.7	753.6	724.5	718.8	982.4	976.9	972.3
Nonmetropolitan counties:									
With a city of 10,000 or more	737.1	718.3	725.3	734.1	714.4	720.2	973.9	975.1	1,014.5
Without a city of 10,000 or more	712.0	699.0	702.1	708.4	693.7	695.9	1,030.4	1,097.8	1,171.6
South:									
Metropolitan counties:									
Large central	808.3	782.4	752.8	750.1	713.2	693.7	1,028.4	1,031.9	961.3
Large fringe	753.5	726.6	721.7	739.7	710.7	709.0	923.3	917.6	883.0
Small	778.3	758.7	751.4	742.5	722.5	719.3	1,007.8	992.6	961.7
Nonmetropolitan counties:									
With a city of 10,000 or more	798.2	793.4	805.1	761.4	757.5	771.4	1,007.8	1,001.0	989.7
Without a city of 10,000 or more	796.1	789.5	803.5	768.0	759.9	778.5	958.1	964.6	949.3
West:									
Metropolitan counties:									
Large central	759.1	731.4	673.2	760.9	732.2	683.9	942.5	964.5	904.3
Large fringe	733.9	706.1	663.0	736.9	707.2	669.1	935.6	973.0	856.9
Small	730.6	720.7	694.6	735.2	725.7	704.8	953.8	946.5	882.3
Nonmetropolitan counties:									
With a city of 10,000 or more	734.7	728.7	702.6	735.8	727.9	704.7	889.6	995.7	888.3
Without a city of 10,000 or more	738.1	719.0	702.0	731.6	713.6	690.9	*	*	1,182.6

* Data for groups with population under 5,000 in the middle year of a 3-year period are considered unreliable and are not shown.

¹Urbanization levels are for county of residence of decedent. See Appendix II, Urbanization for definition of urbanization levels.

²Average annual death rates, age-adjusted using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment. Denominators for rates are population estimates for the middle year of each 3-year period multiplied by 3. The 1999 population estimates used to compute rates for 1998–2000 are intercensal population estimates based on Census 2000. See Appendix I, Population Census and Population Estimates.

NOTE: The race groups, white and black, include persons of Hispanic and non-Hispanic origin.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Compressed Mortality File.

Table 34 (page 1 of 2). Age-adjusted death rates for persons 25–64 years of age for selected causes of death, according to sex and educational attainment: Selected States, 1994–2001

[Data are based on death certificates]

Cause of death ² and year	Both sexes			Male			Female		
	Years of educational attainment ¹			Years of educational attainment ¹			Years of educational attainment ¹		
	Less than 12	12	13 or more	Less than 12	12	13 or more	Less than 12	12	13 or more
Age-adjusted death rate per 100,000 population ³									
All causes									
1994	594.6	506.4	254.8	793.6	707.1	323.5	397.3	342.9	182.1
1995	604.7	512.5	251.9	801.1	713.2	316.8	408.6	348.1	183.5
1996	579.6	492.5	241.8	763.9	669.6	300.7	396.6	344.2	180.3
1997	554.1	473.4	232.7	719.7	634.4	283.4	387.2	337.5	180.2
1998	561.6	465.8	223.9	727.6	627.1	271.9	395.6	330.9	174.3
1999	585.3	474.5	219.1	763.7	636.7	264.2	409.9	337.3	172.6
2000	591.0	484.5	216.7	780.2	641.8	260.8	409.0	347.7	171.9
2001	576.6	480.9	214.6	745.8	631.2	257.3	407.1	348.6	171.5
Chronic and noncommunicable diseases									
1994	440.5	380.7	193.7	561.9	504.4	228.4	325.0	286.8	155.5
1995	445.1	384.0	192.1	563.4	507.3	224.4	332.1	290.0	156.3
1996	432.7	375.3	189.0	550.6	486.9	222.1	321.2	287.7	153.4
1997	419.0	368.8	187.4	527.0	474.1	219.0	316.0	284.6	153.8
1998	425.2	362.9	180.9	534.4	470.2	211.3	321.3	277.9	148.6
1998 comparability-modified ⁴	429.5	366.5	182.7	539.7	474.9	213.4	324.5	280.7	150.1
1999 ⁵	447.0	369.8	177.2	563.0	477.6	205.5	337.2	283.6	147.4
2000	446.2	377.6	175.7	567.2	481.5	202.9	334.3	292.3	147.2
2001	436.5	370.7	171.1	545.1	468.2	195.7	331.7	290.3	145.5
Injuries									
1994	95.8	73.4	31.9	149.4	119.2	45.7	38.9	31.7	17.9
1995	96.6	74.3	31.6	149.4	120.3	45.3	40.0	32.1	17.8
1996	92.3	73.0	32.0	139.8	116.2	45.7	40.6	32.7	18.4
1997	92.7	73.5	31.9	138.8	116.4	45.5	41.1	33.4	18.4
1998	93.9	73.8	31.2	139.4	116.6	44.4	43.8	33.7	18.3
1998 comparability-modified ⁴	95.0	74.7	31.6	141.0	118.0	44.9	44.3	34.1	18.5
1999 ⁵	94.8	75.2	30.6	143.7	118.3	43.2	42.6	34.4	18.1
2000	99.8	76.4	30.3	153.9	118.6	43.1	43.7	35.2	17.9
2001 ⁶	97.4	80.4	33.1	146.0	122.2	47.4	44.8	38.6	19.3
Communicable diseases									
1994	57.5	51.6	28.9	81.5	82.8	49.1	32.5	23.7	8.4
1995	62.1	53.4	27.9	87.3	84.7	46.7	35.8	25.2	8.9
1996	53.7	43.3	20.2	72.5	65.6	32.6	33.8	23.0	8.0
1997	41.6	30.1	12.9	53.1	42.9	18.4	29.3	18.7	7.6
1998	41.5	28.2	11.4	52.8	39.4	15.7	29.6	18.4	7.0
1998 comparability-modified ⁴	35.4	24.1	9.7	45.1	33.6	13.4	25.3	15.7	6.0
1999 ⁵	42.1	28.5	10.8	54.8	39.5	15.1	29.4	18.8	6.6
2000	43.5	29.4	10.3	56.9	40.4	14.3	30.3	19.5	6.4
2001	41.4	28.7	9.9	52.9	39.4	13.6	29.7	19.0	6.3
HIV disease:									
1994	36.2	36.5	21.4	54.7	63.0	39.7	16.8	12.3	2.9
1995	39.7	38.0	20.6	59.0	64.4	37.8	19.0	13.7	3.5
1996	31.9	27.7	13.1	45.4	45.4	23.8	17.2	11.2	2.4
1997	19.4	14.3	5.8	26.3	23.0	10.1	11.8	6.2	1.6
1998	17.3	11.7	4.3	23.4	18.3	7.5	10.6	5.6	1.1
1998 comparability-modified ⁴	19.8	13.4	4.9	26.8	20.9	8.6	12.1	6.4	1.3
1999 ⁵	19.0	13.1	4.6	26.1	20.1	7.9	11.7	6.6	1.4
2000	19.8	13.2	4.1	26.9	19.8	7.1	12.6	7.1	1.2
2001	18.4	12.5	3.8	25.0	18.6	6.4	11.6	6.8	1.2

See footnotes at end of table.

Table 34 (page 2 of 2). Age-adjusted death rates for persons 25–64 years of age for selected causes of death, according to sex and educational attainment: Selected States, 1994–2001

[Data are based on death certificates]

Cause of death ² and year	Both sexes			Male			Female		
	Years of educational attainment ¹			Years of educational attainment ¹			Years of educational attainment ¹		
	Less than 12	12	13 or more	Less than 12	12	13 or more	Less than 12	12	13 or more
	Age-adjusted death rate per 100,000 population ³								
Other communicable diseases:									
1994	21.2	15.1	7.5	26.8	19.7	9.4	15.7	11.4	5.5
1995	22.4	15.5	7.2	28.2	20.3	8.8	16.8	11.5	5.5
1996	21.8	15.7	7.2	27.2	20.2	8.8	16.7	11.9	5.6
1997	22.2	15.9	7.1	26.8	19.9	8.2	17.6	12.5	6.0
1998	24.2	16.5	7.1	29.4	21.1	8.2	19.0	12.8	5.9
1998 comparability-modified ⁴	19.4	13.2	5.7	23.6	16.9	6.6	15.2	10.3	4.7
1999 ⁵	23.1	15.4	6.2	28.8	19.4	7.2	17.6	12.2	5.3
2000	23.7	16.2	6.2	30.0	20.6	7.2	17.7	12.4	5.1
2001	22.9	16.2	6.1	27.9	20.8	7.1	18.1	12.2	5.1

¹Educational attainment for the numerator is based on the death certificate item "highest grade completed." Educational attainment for the denominator is based on answers to the Current Population Survey question "What is the highest level of school completed or highest degree received?" (Kominski R, Adams A. Educational Attainment in the United States: March 1993 and 1992, U.S. Bureau of the Census, Current Population Reports, P20-476, Washington, DC. 1994.)

²Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. See Appendix II, tables IV and V.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment. Death records that are missing information about decedent's education are not included. Percent with not stated education averages 3–9 percent of the deaths comprising the age-adjusted death rates for causes of death in this table. Age-adjusted death rates for 1994–2000 were calculated using 1990-based postcensal population estimates in the denominator. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates.

⁴Calculated by multiplying the 1998 rate by its comparability ratio to adjust for differences between ICD-9 and ICD-10. See Appendix II, Comparability ratio and table VI.

⁵Starting with 1999 data, cause of death is coded according to ICD-10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

⁶Figures include September 11, 2001 related deaths for which death certificates were filed as of October 24, 2002. See updated Appendix II table V for terrorism-related ICD-10 codes.

NOTES: Based on data from 45–47 States and the District of Columbia. Death rates for age groups 65 years and over are not shown because reporting quality of educational attainment on the death certificate is poorer at older than younger ages. See Appendix II, Education, for information about reporting states and sources of bias in death rates by educational attainment.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; numerator data from annual mortality files; denominator data from unpublished population estimates prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census.

Table 35 (page 1 of 4). Death rates for all causes, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	1998	1999	2000	2001
All persons										
Deaths per 100,000 resident population										
All ages, age adjusted ²	1,446.0	1,339.2	1,222.6	1,039.1	938.7	909.8	870.6	875.6	869.0	854.5
All ages, crude	963.8	954.7	945.3	878.3	863.8	868.3	847.3	857.0	854.0	848.5
Under 1 year	3,299.2	2,696.4	2,142.4	1,288.3	971.9	780.3	754.0	736.0	736.7	683.4
1–4 years	139.4	109.1	84.5	63.9	46.8	40.4	34.1	34.2	32.4	33.3
5–14 years	60.1	46.6	41.3	30.6	24.0	22.2	19.3	18.6	18.0	17.3
15–24 years	128.1	106.3	127.7	115.4	99.2	93.4	80.6	79.3	79.9	80.7
25–34 years	178.7	146.4	157.4	135.5	139.2	137.3	104.3	102.2	101.4	105.2
35–44 years	358.7	299.4	314.5	227.9	223.2	239.4	198.6	198.0	198.9	203.6
45–54 years	853.9	756.0	730.0	584.0	473.4	454.3	415.8	418.2	425.6	428.9
55–64 years	1,901.0	1,735.1	1,658.8	1,346.3	1,196.9	1,104.7	1,015.7	1,005.0	992.2	964.6
65–74 years	4,104.3	3,822.1	3,582.7	2,994.9	2,648.6	2,549.0	2,471.6	2,457.3	2,399.1	2,353.3
75–84 years	9,331.1	8,745.2	8,004.4	6,692.6	6,007.2	5,811.3	5,672.8	5,714.5	5,666.5	5,582.4
85 years and over	20,196.9	19,857.5	16,344.9	15,980.3	15,327.4	15,248.6	15,190.8	15,554.6	15,524.4	15,112.8
Male										
All ages, age adjusted ²	1,674.2	1,609.0	1,542.1	1,348.1	1,202.8	1,143.9	1,069.4	1,067.0	1,053.8	1,029.1
All ages, crude	1,106.1	1,104.5	1,090.3	976.9	918.4	900.8	856.4	859.2	853.0	846.4
Under 1 year	3,728.0	3,059.3	2,410.0	1,428.5	1,082.8	856.3	818.6	805.0	806.5	749.8
1–4 years	151.7	119.5	93.2	72.6	52.4	44.5	37.1	37.9	35.9	37.0
5–14 years	70.9	55.7	50.5	36.7	28.5	26.4	22.7	21.5	20.9	19.8
15–24 years	167.9	152.1	188.5	172.3	147.4	137.4	116.7	113.1	114.9	117.0
25–34 years	216.5	187.9	215.3	196.1	204.3	198.0	142.6	139.7	138.6	143.7
35–44 years	428.8	372.8	402.6	299.2	310.4	331.0	257.0	254.9	255.2	259.6
45–54 years	1,067.1	992.2	958.5	767.3	610.3	589.9	531.0	533.1	542.8	545.1
55–64 years	2,395.3	2,309.5	2,282.7	1,815.1	1,553.4	1,400.7	1,271.5	1,252.0	1,230.7	1,192.7
65–74 years	4,931.4	4,914.4	4,873.8	4,105.2	3,491.5	3,263.8	3,112.1	3,073.7	2,979.6	2,911.5
75–84 years	10,426.0	10,178.4	10,010.2	8,816.7	7,888.6	7,399.6	7,095.5	7,083.3	6,972.6	6,833.0
85 years and over	21,636.0	21,186.3	17,821.5	18,801.1	18,056.6	17,861.0	17,357.2	17,597.2	17,501.4	16,744.8
Female										
All ages, age adjusted ²	1,236.0	1,105.3	971.4	817.9	750.9	739.4	724.7	734.0	731.4	721.8
All ages, crude	823.5	809.2	807.8	785.3	812.0	837.2	838.5	854.9	855.0	850.4
Under 1 year	2,854.6	2,321.3	1,863.7	1,141.7	855.7	700.5	686.0	663.6	663.4	613.9
1–4 years	126.7	98.4	75.4	54.7	41.0	36.0	31.0	30.3	28.7	29.5
5–14 years	48.9	37.3	31.8	24.2	19.3	17.9	15.8	15.6	15.0	14.6
15–24 years	89.1	61.3	68.1	57.5	49.0	47.3	42.7	43.7	43.1	42.6
25–34 years	142.7	106.6	101.6	75.9	74.2	76.1	65.6	64.1	63.5	66.0
35–44 years	290.3	229.4	231.1	159.3	137.9	149.3	140.9	141.8	143.2	148.2
45–54 years	641.5	526.7	517.2	412.9	342.7	324.1	304.9	307.6	312.5	316.8
55–64 years	1,404.8	1,196.4	1,098.9	934.3	878.8	835.2	780.6	777.6	772.2	754.0
65–74 years	3,333.2	2,871.8	2,579.7	2,144.7	1,991.2	1,975.8	1,950.2	1,952.3	1,921.2	1,890.8
75–84 years	8,399.6	7,633.1	6,677.6	5,440.1	4,883.1	4,818.6	4,755.6	4,825.4	4,814.7	4,760.5
85 years and over	19,194.7	19,008.4	15,518.0	14,746.9	14,274.3	14,242.3	14,329.9	14,731.3	14,719.2	14,429.9
White male ³										
All ages, age adjusted ²	1,642.5	1,586.0	1,513.7	1,317.6	1,165.9	1,107.5	1,042.0	1,040.0	1,029.4	1,006.1
All ages, crude	1,089.5	1,098.5	1,086.7	983.3	930.9	921.0	887.3	892.1	887.8	881.9
Under 1 year	3,400.5	2,694.1	2,113.2	1,230.3	896.1	720.7	678.3	667.0	667.6	627.6
1–4 years	135.5	104.9	83.6	66.1	45.9	39.0	32.6	33.9	32.6	34.2
5–14 years	67.2	52.7	48.0	35.0	26.4	24.3	20.7	19.7	19.8	18.4
15–24 years	152.4	143.7	170.8	167.0	131.3	120.1	105.7	102.8	105.8	108.0
25–34 years	185.3	163.2	176.6	171.3	176.1	171.9	125.8	125.4	124.1	130.3
35–44 years	380.9	332.6	343.5	257.4	268.2	286.8	232.1	230.8	233.6	239.7
45–54 years	984.5	932.2	882.9	698.9	548.7	528.3	481.3	484.6	496.9	501.3
55–64 years	2,304.4	2,225.2	2,202.6	1,728.5	1,467.2	1,319.3	1,196.5	1,179.7	1,163.3	1,127.5
65–74 years	4,864.9	4,848.4	4,810.1	4,035.7	3,397.7	3,173.3	3,041.8	2,998.7	2,905.7	2,842.3
75–84 years	10,526.3	10,299.6	10,098.8	8,829.8	7,844.9	7,347.3	7,053.4	7,040.1	6,933.1	6,799.7
85 years and over	22,116.3	21,750.0	18,551.7	19,097.3	18,268.3	18,050.7	17,534.2	17,752.9	17,716.4	16,935.4

See footnotes at end of table.

Table 35 (page 2 of 4). Death rates for all causes, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	1998	1999	2000	2001
Deaths per 100,000 resident population										
Black or African American male³										
All ages, age adjusted ²	1,909.1	1,811.1	1,873.9	1,697.8	1,644.5	1,585.7	1,430.5	1,432.6	1,403.5	1,375.0
All ages, crude	1,257.7	1,181.7	1,186.6	1,034.1	1,008.0	960.2	848.2	847.4	834.1	823.9
Under 1 year	---	5,306.8	4,298.9	2,586.7	2,112.4	1,664.7	1,629.3	1,592.8	1,567.6	1,426.4
1–4 years ⁴	1,412.6	208.5	150.5	110.5	85.8	73.1	62.6	59.0	54.5	53.2
5–14 years	95.1	75.1	67.1	47.4	41.2	38.5	33.2	32.0	28.2	27.7
15–24 years	289.7	212.0	320.6	209.1	252.2	246.6	193.5	184.6	181.4	180.7
25–34 years	503.5	402.5	559.5	407.3	430.8	407.4	272.5	258.6	261.0	259.2
35–44 years	878.1	762.0	956.6	689.8	699.6	716.8	478.9	469.2	453.0	445.0
45–54 years	1,905.0	1,624.8	1,777.5	1,479.9	1,261.0	1,238.9	1,037.7	1,030.7	1,017.7	996.1
55–64 years	3,773.2	3,316.4	3,256.9	2,873.0	2,618.4	2,382.0	2,182.0	2,145.6	2,080.1	2,025.3
65–74 years	5,310.3	5,798.7	5,803.2	5,131.1	4,946.1	4,707.8	4,337.6	4,352.3	4,253.5	4,166.6
75–84 years ⁵	10,101.9	8,605.1	9,454.9	9,231.6	9,129.5	8,862.0	8,526.7	8,559.1	8,486.0	8,355.9
85 years and over	---	14,844.8	12,222.3	16,098.8	16,954.9	17,016.0	16,700.2	17,304.5	16,791.0	16,439.9
American Indian or Alaska Native male³										
All ages, age adjusted ²	---	---	---	1,111.5	916.2	932.0	943.9	925.9	841.5	798.9
All ages, crude	---	---	---	597.1	476.4	459.4	441.9	431.8	415.6	424.2
Under 1 year	---	---	---	1,598.1	1,056.6	696.0	883.9	721.8	700.2	720.2
1–4 years	---	---	---	82.7	77.4	73.3	52.5	46.6	44.9	47.6
5–14 years	---	---	---	43.7	33.4	27.0	24.5	18.8	20.2	25.2
15–24 years	---	---	---	311.1	219.8	182.1	143.0	154.2	136.2	142.9
25–34 years	---	---	---	360.6	256.1	263.6	208.5	189.6	179.1	180.0
35–44 years	---	---	---	556.8	365.4	377.4	314.2	296.5	295.2	311.4
45–54 years	---	---	---	871.3	619.9	601.0	555.1	554.8	520.0	536.9
55–64 years	---	---	---	1,547.5	1,211.3	1,276.0	1,200.0	1,122.4	1,090.4	1,053.4
65–74 years	---	---	---	2,968.4	2,461.7	2,660.8	2,687.1	2,786.2	2,478.3	2,393.5
75–84 years	---	---	---	5,607.0	5,389.2	5,787.7	5,828.4	6,157.2	5,351.2	4,775.3
85 years and over	---	---	---	12,635.2	11,243.9	10,604.7	13,391.2	11,769.3	10,725.8	9,758.0
Asian or Pacific Islander male³										
All ages, age adjusted ²	---	---	---	786.5	716.4	693.4	646.9	641.2	624.2	597.4
All ages, crude	---	---	---	375.3	334.3	341.4	335.4	333.2	332.9	335.0
Under 1 year	---	---	---	816.5	605.3	468.3	444.0	451.0	529.4	438.8
1–4 years	---	---	---	50.9	45.0	28.0	18.9	28.9	23.3	23.5
5–14 years	---	---	---	23.4	20.7	19.6	18.3	13.5	12.9	13.6
15–24 years	---	---	---	80.8	76.0	73.0	53.4	51.6	55.2	59.2
25–34 years	---	---	---	83.5	79.6	75.4	65.8	57.3	55.0	62.4
35–44 years	---	---	---	128.3	130.8	124.9	105.2	108.2	104.9	108.2
45–54 years	---	---	---	342.3	287.1	273.0	265.1	240.1	249.7	253.6
55–64 years	---	---	---	881.1	789.1	714.2	676.7	661.0	642.4	625.5
65–74 years	---	---	---	2,236.1	2,041.4	1,894.8	1,745.9	1,689.5	1,661.0	1,556.0
75–84 years	---	---	---	5,389.5	5,008.6	4,729.9	4,466.3	4,457.0	4,328.2	4,168.9
85 years and over	---	---	---	13,753.6	12,446.3	13,252.0	12,462.8	12,732.5	12,125.3	11,308.9
Hispanic or Latino male^{3,6}										
All ages, age adjusted ²	---	---	---	---	886.4	897.6	833.6	830.5	818.1	802.5
All ages, crude	---	---	---	---	411.6	391.6	336.0	332.6	331.3	332.9
Under 1 year	---	---	---	---	921.8	684.6	662.1	623.4	637.1	624.4
1–4 years	---	---	---	---	53.8	39.3	32.0	32.9	31.5	33.8
5–14 years	---	---	---	---	26.0	24.6	18.8	17.8	17.9	16.6
15–24 years	---	---	---	---	159.3	147.3	109.9	104.1	107.7	111.5
25–34 years	---	---	---	---	234.0	196.7	121.5	120.6	120.2	118.0
35–44 years	---	---	---	---	341.8	333.6	217.7	215.1	211.0	208.5
45–54 years	---	---	---	---	533.9	528.5	440.8	444.4	439.0	443.9
55–64 years	---	---	---	---	1,123.7	1,076.9	980.9	974.8	965.7	923.9
65–74 years	---	---	---	---	2,368.2	2,429.3	2,432.6	2,368.9	2,287.9	2,242.6
75–84 years	---	---	---	---	5,369.1	5,557.4	5,362.8	5,379.2	5,395.3	5,258.0
85 years and over	---	---	---	---	12,272.1	13,295.9	13,329.3	13,485.9	13,086.2	12,888.3

See footnotes at end of table.

Table 35 (page 3 of 4). Death rates for all causes, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	1998	1999	2000	2001
Deaths per 100,000 resident population										
White, not Hispanic or Latino male ⁶										
All ages, age adjusted ²	---	---	---	---	1,170.9	1,105.6	1,046.7	1,045.5	1,035.4	1,012.8
All ages, crude	---	---	---	---	985.9	984.8	969.2	979.6	978.5	975.6
Under 1 year	---	---	---	---	865.4	703.8	662.3	658.1	658.7	611.6
1–4 years	---	---	---	---	43.8	37.8	32.2	33.4	32.4	33.7
5–14 years	---	---	---	---	25.7	23.5	20.8	19.9	20.0	18.6
15–24 years	---	---	---	---	123.4	111.5	102.9	100.8	103.5	105.1
25–34 years	---	---	---	---	165.3	163.5	124.4	124.5	123.0	131.5
35–44 years	---	---	---	---	257.1	276.5	231.0	230.0	233.9	241.6
45–54 years	---	---	---	---	544.5	520.7	480.2	483.7	497.7	502.6
55–64 years	---	---	---	---	1,479.7	1,322.7	1,204.5	1,187.4	1,170.9	1,136.3
65–74 years	---	---	---	---	3,434.5	3,188.5	3,062.6	3,023.2	2,930.5	2,869.4
75–84 years	---	---	---	---	7,920.4	7,367.4	7,098.1	7,088.0	6,977.8	6,851.5
85 years and over	---	---	---	---	18,505.4	18,132.6	17,649.2	17,871.2	17,853.2	17,055.3
White female ³										
All ages, age adjusted ²	1,198.0	1,074.4	944.0	796.1	728.8	718.7	707.3	716.6	715.3	706.7
All ages, crude	803.3	800.9	812.6	806.1	846.9	883.2	891.6	910.4	912.3	907.9
Under 1 year	2,566.8	2,007.7	1,614.6	962.5	690.0	574.4	570.5	542.0	550.5	511.5
1–4 years	112.2	85.2	66.1	49.3	36.1	31.3	27.6	27.5	25.5	27.1
5–14 years	45.1	34.7	29.9	22.9	17.9	16.5	14.7	14.6	14.1	13.9
15–24 years	71.5	54.9	61.6	55.5	45.9	43.7	40.6	41.5	41.1	40.8
25–34 years	112.8	85.0	84.1	65.4	61.5	62.9	56.5	56.2	55.1	58.6
35–44 years	235.8	191.1	193.3	138.2	117.4	125.5	122.0	123.2	125.7	131.0
45–54 years	546.4	458.8	462.9	372.7	309.3	291.9	274.8	277.9	281.4	286.8
55–64 years	1,293.8	1,078.9	1,014.9	876.2	822.7	783.4	733.0	731.0	730.9	712.2
65–74 years	3,242.8	2,779.3	2,470.7	2,066.6	1,923.5	1,913.2	1,893.1	1,893.9	1,868.3	1,840.2
75–84 years	8,481.5	7,696.6	6,698.7	5,401.7	4,839.1	4,775.3	4,721.8	4,787.8	4,785.3	4,738.5
85 years and over	19,679.5	19,477.7	15,980.2	14,979.6	14,400.6	14,405.8	14,498.9	14,900.6	14,890.7	14,597.6
Black or African American female ³										
All ages, age adjusted ²	1,545.5	1,369.7	1,228.7	1,033.3	975.1	955.9	921.6	933.6	927.6	912.5
All ages, crude	1,002.0	905.0	829.2	733.3	747.9	743.2	722.6	734.3	733.0	727.7
Under 1 year	---	4,162.2	3,368.8	2,123.7	1,735.5	1,399.9	1,321.9	1,317.4	1,279.8	1,176.3
1–4 years ⁴	1,139.3	173.3	129.4	84.4	67.6	59.5	48.8	46.1	45.3	41.7
5–14 years	72.8	53.8	43.8	30.5	27.5	25.4	21.5	20.9	20.0	18.7
15–24 years	213.1	107.5	111.9	70.5	68.7	68.9	56.7	58.6	58.3	54.9
25–34 years	393.3	273.2	231.0	150.0	159.5	162.8	125.7	117.6	121.8	117.9
35–44 years	758.1	568.5	533.0	323.9	298.6	324.9	281.9	279.4	271.9	278.0
45–54 years	1,576.4	1,177.0	1,043.9	768.2	639.4	612.1	572.5	569.8	588.3	579.1
55–64 years	3,089.4	2,510.9	1,986.2	1,561.0	1,452.6	1,354.3	1,279.8	1,262.7	1,227.2	1,215.5
65–74 years	4,000.2	4,064.2	3,860.9	3,057.4	2,865.7	2,837.5	2,744.2	2,751.5	2,689.6	2,616.1
75–84 years ⁵	8,347.0	6,730.0	6,691.5	6,212.1	5,688.3	5,671.9	5,601.0	5,742.4	5,696.5	5,591.6
85 years and over	---	13,052.6	10,706.6	12,367.2	13,309.5	13,073.3	13,252.2	13,805.9	13,941.3	13,849.9
American Indian or Alaska Native female ³										
All ages, age adjusted ²	---	---	---	662.4	561.8	643.9	640.5	668.2	604.5	594.0
All ages, crude	---	---	---	380.1	330.4	360.1	354.2	367.1	346.1	360.2
Under 1 year	---	---	---	1,352.6	688.7	780.6	743.8	682.6	492.2	577.5
1–4 years	---	---	---	87.5	37.8	54.4	43.8	34.2	39.8	48.5
5–14 years	---	---	---	33.5	25.5	20.0	16.2	17.6	17.7	18.6
15–24 years	---	---	---	90.3	69.0	60.4	57.5	59.6	58.9	59.6
25–34 years	---	---	---	178.5	102.3	106.3	103.9	106.9	84.8	81.4
35–44 years	---	---	---	286.0	156.4	171.9	160.4	168.9	171.9	172.6
45–54 years	---	---	---	491.4	380.9	349.1	326.8	298.7	284.9	334.3
55–64 years	---	---	---	837.1	805.9	876.2	781.6	852.3	772.1	749.4
65–74 years	---	---	---	1,765.5	1,679.4	1,935.6	1,938.1	2,015.8	1,899.8	1,801.7
75–84 years	---	---	---	3,612.9	3,073.2	4,067.6	4,000.8	4,266.5	3,850.0	3,839.7
85 years and over	---	---	---	8,567.4	8,201.1	9,201.8	10,165.3	10,639.6	9,118.2	8,492.0

See footnotes at end of table.

Table 35 (page 4 of 4). Death rates for all causes, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1950 ¹	1960 ¹	1970	1980	1990	1995	1998	1999	2000	2001
Deaths per 100,000 resident population										
Asian or Pacific Islander female ³										
All ages, age adjusted ²	---	---	---	425.9	469.3	446.7	426.7	427.5	416.8	412.0
All ages, crude	---	---	---	222.5	234.3	250.4	254.9	262.5	262.3	274.4
Under 1 year	---	---	---	755.8	518.2	396.6	436.6	425.3	434.3	385.0
1–4 years	---	---	---	35.4	32.0	24.9	21.3	20.9	20.0	21.1
5–14 years	---	---	---	21.5	13.0	15.4	12.8	11.9	11.7	10.8
15–24 years	---	---	---	32.3	28.8	31.1	26.2	26.1	22.4	26.6
25–34 years	---	---	---	45.4	37.5	35.6	31.3	29.5	27.6	32.9
35–44 years	---	---	---	89.7	69.9	66.2	60.4	59.0	65.6	61.9
45–54 years	---	---	---	214.1	182.7	184.1	153.7	164.4	155.5	158.5
55–64 years	---	---	---	440.8	483.4	457.7	397.8	408.7	390.9	379.9
65–74 years	---	---	---	1,027.7	1,089.2	1,037.8	1,062.7	1,070.8	996.4	1,059.9
75–84 years	---	---	---	2,833.6	3,127.9	3,089.9	2,892.0	2,930.8	2,882.4	2,814.4
85 years and over	---	---	---	7,923.3	10,254.0	9,406.1	9,325.2	9,126.7	9,052.2	8,706.2
Hispanic or Latino female ^{3,6}										
All ages, age adjusted ²	---	---	---	---	537.1	546.1	536.9	555.9	546.0	544.2
All ages, crude	---	---	---	---	285.4	281.9	270.0	277.2	274.6	279.0
Under 1 year	---	---	---	---	746.6	572.0	559.0	542.3	553.6	518.9
1–4 years	---	---	---	---	42.1	33.1	26.7	28.7	27.5	27.2
5–14 years	---	---	---	---	17.3	15.0	13.1	13.3	13.4	12.7
15–24 years	---	---	---	---	40.6	37.5	31.2	32.9	31.7	33.7
25–34 years	---	---	---	---	62.9	58.6	45.0	44.9	43.4	45.2
35–44 years	---	---	---	---	109.3	118.9	94.9	97.4	100.5	97.0
45–54 years	---	---	---	---	253.3	238.8	225.2	224.9	223.8	226.7
55–64 years	---	---	---	---	607.5	602.3	563.5	555.8	548.4	543.0
65–74 years	---	---	---	---	1,453.8	1,457.2	1,465.5	1,448.8	1,423.2	1,408.0
75–84 years	---	---	---	---	3,351.3	3,506.4	3,530.2	3,675.7	3,624.5	3,589.8
85 years and over	---	---	---	---	10,098.7	10,540.5	10,662.6	11,547.3	11,202.8	11,300.5
White, non-Hispanic or Latino female ⁶										
All ages, age adjusted ²	---	---	---	---	734.6	721.1	712.8	722.3	721.5	713.5
All ages, crude	---	---	---	---	903.6	951.7	976.5	1,001.3	1,007.3	1,006.1
Under 1 year	---	---	---	---	655.3	553.9	556.7	524.6	530.9	496.4
1–4 years	---	---	---	---	34.0	30.3	27.4	26.7	24.4	26.3
5–14 years	---	---	---	---	17.6	16.4	14.8	14.7	13.9	13.9
15–24 years	---	---	---	---	46.0	44.0	42.0	42.9	42.6	41.9
25–34 years	---	---	---	---	60.6	62.2	57.9	57.8	56.8	60.9
35–44 years	---	---	---	---	116.8	124.1	124.3	125.6	128.1	134.9
45–54 years	---	---	---	---	312.1	293.0	277.4	281.0	285.0	291.0
55–64 years	---	---	---	---	834.5	789.8	742.5	741.6	742.1	723.5
65–74 years	---	---	---	---	1,940.2	1,925.9	1,910.9	1,915.1	1,891.0	1,864.1
75–84 years	---	---	---	---	4,887.3	4,794.9	4,753.6	4,817.7	4,819.3	4,777.3
85 years and over	---	---	---	---	14,533.1	14,450.9	14,576.7	14,967.5	14,971.7	14,670.6

--- Data not available.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

³The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁴In 1950 rate is for the age group under 5 years.

⁵In 1950 rate is for the age group 75 years and over.

⁶Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix I, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; Grove RD, Hetzel AM. *Vital statistics rates in the United States, 1940–60*. Washington: U.S. Government Printing Office, 1968; numerator data from National Vital Statistics System, annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/data/wh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 36 (page 1 of 3). Death rates for diseases of heart, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
All persons								
Deaths per 100,000 resident population								
All ages, age adjusted ³	586.8	559.0	492.7	412.1	321.8	293.4	257.6	247.8
All ages, crude	355.5	369.0	362.0	336.0	289.5	277.0	252.6	245.8
Under 1 year	3.5	6.6	13.1	22.8	20.1	17.4	13.0	11.9
1–4 years	1.3	1.3	1.7	2.6	1.9	1.6	1.2	1.5
5–14 years	2.1	1.3	0.8	0.9	0.9	0.8	0.7	0.7
15–24 years	6.8	4.0	3.0	2.9	2.5	2.8	2.6	2.5
25–34 years	19.4	15.6	11.4	8.3	7.6	8.2	7.4	8.0
35–44 years	86.4	74.6	66.7	44.6	31.4	31.8	29.2	29.6
45–54 years	308.6	271.8	238.4	180.2	120.5	109.6	94.2	92.9
55–64 years	808.1	737.9	652.3	494.1	367.3	320.1	261.2	246.9
65–74 years	1,839.8	1,740.5	1,558.2	1,218.6	894.3	795.4	665.6	635.1
75–84 years	4,310.1	4,089.4	3,683.8	2,993.1	2,295.7	2,050.5	1,780.3	1,725.7
85 years and over	9,150.6	9,317.8	7,891.3	7,777.1	6,739.9	6,391.5	5,926.1	5,664.2
Male								
All ages, age adjusted ³	697.0	687.6	634.0	538.9	412.4	371.0	320.0	305.4
All ages, crude	423.4	439.5	422.5	368.6	297.6	278.5	249.8	242.5
Under 1 year	4.0	7.8	15.1	25.5	21.9	17.7	13.3	11.8
1–4 years	1.4	1.4	1.9	2.8	1.9	1.7	1.4	1.5
5–14 years	2.0	1.4	0.9	1.0	0.9	0.8	0.8	0.7
15–24 years	6.8	4.2	3.7	3.7	3.1	3.5	3.2	3.2
25–34 years	22.9	20.1	15.2	11.4	10.3	11.0	9.6	10.3
35–44 years	118.4	112.7	103.2	68.7	48.1	46.9	41.4	41.7
45–54 years	440.5	420.4	376.4	282.6	183.0	166.1	140.2	136.6
55–64 years	1,104.5	1,066.9	987.2	746.8	537.3	460.1	371.7	349.8
65–74 years	2,292.3	2,291.3	2,170.3	1,728.0	1,250.0	1,095.3	898.3	851.3
75–84 years	4,825.0	4,742.4	4,534.8	3,834.3	2,968.2	2,622.9	2,248.1	2,177.3
85 years and over	9,659.8	9,788.9	8,426.2	8,752.7	7,418.4	6,993.5	6,430.0	6,040.5
Female								
All ages, age adjusted ³	484.7	447.0	381.6	320.8	257.0	236.6	210.9	203.9
All ages, crude	288.4	300.6	304.5	305.1	281.8	275.5	255.3	249.0
Under 1 year	2.9	5.4	10.9	20.0	18.3	17.0	12.5	12.0
1–4 years	1.2	1.1	1.6	2.5	1.9	1.5	1.0	1.4
5–14 years	2.2	1.2	0.8	0.9	0.8	0.7	0.5	0.7
15–24 years	6.7	3.7	2.3	2.1	1.8	2.1	2.1	1.8
25–34 years	16.2	11.3	7.7	5.3	5.0	5.4	5.2	5.6
35–44 years	55.1	38.2	32.2	21.4	15.1	17.0	17.2	17.6
45–54 years	177.2	127.5	109.9	84.5	61.0	55.4	49.8	50.7
55–64 years	510.0	429.4	351.6	272.1	215.7	192.6	159.3	151.8
65–74 years	1,419.3	1,261.3	1,082.7	828.6	616.8	554.9	474.0	455.9
75–84 years	3,872.0	3,582.7	3,120.8	2,497.0	1,893.8	1,692.7	1,475.1	1,428.9
85 years and over	8,796.1	9,016.8	7,591.8	7,350.5	6,478.1	6,159.6	5,720.9	5,506.8
White male ⁴								
All ages, age adjusted ³	700.2	694.5	640.2	539.6	409.2	367.0	316.7	301.8
All ages, crude	433.0	454.6	438.3	384.0	312.7	294.4	265.8	257.8
45–54 years	423.6	413.2	365.7	269.8	170.6	153.9	130.7	127.0
55–64 years	1,081.7	1,056.0	979.3	730.6	516.7	439.2	351.8	330.8
65–74 years	2,308.3	2,297.9	2,177.2	1,729.7	1,230.5	1,071.8	877.8	829.1
75–84 years	4,907.3	4,839.9	4,617.6	3,883.2	2,983.4	2,625.6	2,247.0	2,175.8
85 years and over	9,950.5	10,135.8	8,818.0	8,958.0	7,558.7	7,125.1	6,560.8	6,157.2
Black or African American male ⁴								
All ages, age adjusted ³	639.4	615.2	607.3	561.4	485.4	451.3	392.5	384.5
All ages, crude	346.2	330.6	330.3	301.0	256.8	239.1	211.1	209.0
45–54 years	622.5	514.0	512.8	433.4	328.9	308.6	247.2	242.6
55–64 years	1,433.1	1,236.8	1,135.4	987.2	824.0	740.5	631.2	602.2
65–74 years	2,139.1	2,281.4	2,237.8	1,847.2	1,632.9	1,514.1	1,268.8	1,245.8
75–84 years ⁵	4,106.1	3,533.6	3,783.4	3,578.8	3,107.1	2,908.7	2,597.6	2,569.3
85 years and over	---	6,037.9	5,367.6	6,819.5	6,479.6	6,088.5	5,633.5	5,459.9

See footnotes at end of table.

Table 36 (page 2 of 3). Death rates for diseases of heart, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
American Indian or Alaska Native male⁴								
All ages, age adjusted ³	---	---	---	320.5	264.1	256.4	222.2	200.7
All ages, crude	---	---	---	130.6	108.0	101.0	90.1	89.1
45–54 years	---	---	---	238.1	173.8	136.2	108.5	109.1
55–64 years	---	---	---	496.3	411.0	375.7	285.0	301.1
65–74 years	---	---	---	1,009.4	839.1	938.2	748.2	682.1
75–84 years	---	---	---	2,062.2	1,788.8	1,858.5	1,655.7	1,384.5
85 years and over	---	---	---	4,413.7	3,860.3	3,306.5	3,318.3	2,895.7
Asian or Pacific Islander male⁴								
All ages, age adjusted ³	---	---	---	286.9	220.7	214.5	185.5	169.8
All ages, crude	---	---	---	119.8	88.7	93.2	90.6	87.3
45–54 years	---	---	---	112.0	70.4	69.8	61.1	60.1
55–64 years	---	---	---	306.7	226.1	205.4	182.6	162.0
65–74 years	---	---	---	852.4	623.5	581.0	482.5	439.1
75–84 years	---	---	---	2,010.9	1,642.2	1,533.8	1,354.7	1,273.8
85 years and over	---	---	---	5,923.0	4,617.8	4,888.9	4,154.2	3,688.1
Hispanic or Latino male^{4,6}								
All ages, age adjusted ³	---	---	---	---	270.0	260.8	238.2	232.6
All ages, crude	---	---	---	---	91.0	83.1	74.7	74.6
45–54 years	---	---	---	---	116.4	102.0	84.3	82.9
55–64 years	---	---	---	---	363.0	311.2	264.8	242.2
65–74 years	---	---	---	---	829.9	784.6	684.8	683.7
75–84 years	---	---	---	---	1,971.3	1,854.0	1,733.2	1,702.7
85 years and over	---	---	---	---	4,711.9	5,104.0	4,897.5	4,784.3
White, not Hispanic or Latino male⁹								
All ages, age adjusted ³	---	---	---	---	413.6	369.1	319.9	304.8
All ages, crude	---	---	---	---	336.5	320.6	297.5	289.5
45–54 years	---	---	---	---	172.8	155.9	134.3	130.7
55–64 years	---	---	---	---	521.3	443.2	356.3	335.8
65–74 years	---	---	---	---	1,243.4	1,077.0	885.1	834.7
75–84 years	---	---	---	---	3,007.7	2,635.3	2,261.9	2,190.4
85 years and over	---	---	---	---	7,663.4	7,156.4	6,606.6	6,195.4
White female⁴								
All ages, age adjusted ³	478.0	441.7	376.7	315.9	250.9	230.8	205.6	198.7
All ages, crude	289.4	306.5	313.8	319.2	298.4	294.7	274.5	267.7
45–54 years	141.9	103.4	91.4	71.2	50.2	45.5	40.9	41.5
55–64 years	460.2	383.0	317.7	248.1	192.4	172.0	141.3	134.3
65–74 years	1,400.9	1,229.8	1,044.0	796.7	583.6	523.2	445.2	429.0
75–84 years	3,925.2	3,629.7	3,143.5	2,493.6	1,874.3	1,670.3	1,452.4	1,407.9
85 years and over	9,084.7	9,280.8	7,839.9	7,501.6	6,563.4	6,251.3	5,801.4	5,582.5
Black or African American female⁴								
All ages, age adjusted ³	536.9	488.9	435.6	378.6	327.5	304.0	277.6	269.8
All ages, crude	287.6	268.5	261.0	249.7	237.0	226.3	212.6	208.6
45–54 years	525.3	360.7	290.9	202.4	155.3	141.5	125.0	125.9
55–64 years	1,210.2	952.3	710.5	530.1	442.0	386.0	332.8	323.1
65–74 years	1,659.4	1,680.5	1,553.2	1,210.3	1,017.5	938.2	815.2	768.0
75–84 years ⁵	3,499.3	2,926.9	2,964.1	2,707.2	2,250.9	2,100.7	1,913.1	1,849.6
85 years and over	---	5,650.0	5,003.8	5,796.5	5,766.1	5,448.5	5,298.7	5,207.3

See footnotes at end of table.

Table 36 (page 3 of 3). Death rates for diseases of heart, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
American Indian or Alaska Native female⁴								
All ages, age adjusted ³	---	---	---	175.4	153.1	164.8	143.6	127.0
All ages, crude	---	---	---	80.3	77.5	80.2	71.9	68.2
45–54 years	---	---	---	65.2	62.0	62.4	40.2	42.7
55–64 years	---	---	---	193.5	197.0	200.7	149.4	126.5
65–74 years	---	---	---	577.2	492.8	514.2	391.8	384.2
75–84 years	---	---	---	1,364.3	1,050.3	1,184.3	1,044.1	934.3
85 years and over	---	---	---	2,893.3	2,868.7	3,118.1	3,146.3	2,510.3
Asian or Pacific Islander female⁴								
All ages, age adjusted ³	---	---	---	132.3	149.2	137.6	115.7	112.9
All ages, crude	---	---	---	57.0	62.0	66.3	65.0	67.9
45–54 years	---	---	---	28.6	17.5	20.8	15.9	18.4
55–64 years	---	---	---	92.9	99.0	89.5	68.8	62.8
65–74 years	---	---	---	313.3	323.9	288.3	229.6	241.7
75–84 years	---	---	---	1,053.2	1,130.9	1,001.8	866.2	848.7
85 years and over	---	---	---	3,211.0	4,161.2	3,942.4	3,367.2	3,186.3
Hispanic or Latino female^{4,6}								
All ages, age adjusted ³	---	---	---	---	177.2	173.8	163.7	161.0
All ages, crude	---	---	---	---	79.4	76.5	71.5	71.8
45–54 years	---	---	---	---	43.5	32.0	28.2	27.9
55–64 years	---	---	---	---	153.2	141.0	111.2	107.2
65–74 years	---	---	---	---	460.4	419.0	366.3	363.1
75–84 years	---	---	---	---	1,259.7	1,231.3	1,169.4	1,155.7
85 years and over	---	---	---	---	4,440.3	4,653.1	4,605.8	4,521.1
White, not Hispanic or Latino female⁵								
All ages, age adjusted ³	---	---	---	---	252.6	231.5	206.8	200.0
All ages, crude	---	---	---	---	320.0	319.7	304.9	298.4
45–54 years	---	---	---	---	50.2	46.1	41.9	42.7
55–64 years	---	---	---	---	193.6	172.0	142.9	136.0
65–74 years	---	---	---	---	584.7	525.2	448.5	431.8
75–84 years	---	---	---	---	1,890.2	1,674.9	1,458.9	1,414.7
85 years and over	---	---	---	---	6,615.2	6,265.8	5,822.7	5,601.6

--- Data not available.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

⁴The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁵In 1950 rate is for the age group 75 years and over.

⁶Prior to 1997, excludes data from States lacking a Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. For the period 1980–98, causes were coded using ICD–9 codes that are most nearly comparable with the 113 cause list for ICD–10. See Appendix II, tables IV and V. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; numerator data from annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/datawh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 37 (page 1 of 3). Death rates for cerebrovascular diseases, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
All persons								
Deaths per 100,000 resident population								
All ages, age adjusted ³	180.7	177.9	147.7	96.2	65.3	63.1	60.9	57.9
All ages, crude	104.0	108.0	101.9	75.0	57.8	59.2	59.6	57.4
Under 1 year	5.1	4.1	5.0	4.4	3.8	5.9	3.3	2.7
1–4 years	0.9	0.8	1.0	0.5	0.3	0.4	0.3	0.4
5–14 years	0.5	0.7	0.7	0.3	0.2	0.2	0.2	0.2
15–24 years	1.6	1.8	1.6	1.0	0.6	0.5	0.5	0.5
25–34 years	4.2	4.7	4.5	2.6	2.2	1.7	1.5	1.5
35–44 years	18.7	14.7	15.6	8.5	6.4	6.5	5.8	5.5
45–54 years	70.4	49.2	41.6	25.2	18.7	17.4	16.0	15.1
55–64 years	194.2	147.3	115.8	65.1	47.9	45.6	41.0	38.0
65–74 years	554.7	469.2	384.1	219.0	144.2	136.2	128.6	123.4
75–84 years	1,499.6	1,491.3	1,254.2	786.9	498.0	477.1	461.3	443.9
85 years and over	2,990.1	3,680.5	3,014.3	2,283.7	1,628.9	1,607.2	1,589.2	1,500.2
Male								
All ages, age adjusted ³	186.4	186.1	157.4	102.2	68.5	65.9	62.4	59.0
All ages, crude	102.5	104.5	94.5	63.4	46.7	47.2	46.9	45.2
Under 1 year	6.4	5.0	5.8	5.0	4.4	6.4	3.8	3.1
1–4 years	1.1	0.9	1.2	0.4	0.3	0.4	*	0.3
5–14 years	0.5	0.7	0.8	0.3	0.2	0.2	0.2	0.2
15–24 years	1.8	1.9	1.8	1.1	0.7	0.5	0.5	0.5
25–34 years	4.2	4.5	4.4	2.6	2.1	1.8	1.5	1.6
35–44 years	17.5	14.6	15.7	8.7	6.8	7.0	5.8	5.7
45–54 years	67.9	52.2	44.4	27.2	20.5	19.5	17.5	16.7
55–64 years	205.2	163.8	138.7	74.6	54.3	52.7	47.2	43.4
65–74 years	589.6	530.7	449.5	258.6	166.6	154.7	145.0	140.4
75–84 years	1,543.6	1,555.9	1,361.6	866.3	551.1	517.7	490.8	467.3
85 years and over	3,048.6	3,643.1	2,895.2	2,193.6	1,528.5	1,522.1	1,484.3	1,380.2
Female								
All ages, age adjusted ³	175.8	170.7	140.0	91.7	62.6	60.5	59.1	56.4
All ages, crude	105.6	111.4	109.0	85.9	68.4	70.7	71.8	69.2
Under 1 year	3.7	3.2	4.0	3.8	3.1	5.3	2.7	2.3
1–4 years	0.7	0.7	0.7	0.5	0.3	0.3	0.4	0.4
5–14 years	0.4	0.6	0.6	0.3	0.2	0.1	0.2	0.2
15–24 years	1.5	1.6	1.4	0.8	0.6	0.4	0.5	0.5
25–34 years	4.3	4.9	4.7	2.6	2.2	1.6	1.5	1.5
35–44 years	19.9	14.8	15.6	8.4	6.1	6.0	5.7	5.4
45–54 years	72.9	46.3	39.0	23.3	17.0	15.3	14.5	13.6
55–64 years	183.1	131.8	95.3	56.8	42.2	39.1	35.3	32.9
65–74 years	522.1	415.7	333.3	188.7	126.7	121.4	115.1	109.3
75–84 years	1,462.2	1,441.1	1,183.1	740.1	466.2	451.8	442.1	428.6
85 years and over	2,949.4	3,704.4	3,081.0	2,323.1	1,667.6	1,640.0	1,632.0	1,550.4
White male ⁴								
All ages, age adjusted ³	182.1	181.6	153.7	98.7	65.5	62.9	59.8	56.5
All ages, crude	100.5	102.7	93.5	63.1	46.9	48.0	48.4	46.6
45–54 years	53.7	40.9	35.6	21.7	15.4	14.7	13.6	12.7
55–64 years	182.2	139.0	119.9	64.0	45.7	44.2	39.7	36.1
65–74 years	569.7	501.0	420.0	239.8	152.9	142.1	133.8	128.5
75–84 years	1,556.3	1,564.8	1,361.6	852.7	539.2	503.8	480.0	458.8
85 years and over	3,127.1	3,734.8	3,018.1	2,230.8	1,545.4	1,536.0	1,490.7	1,386.2
Black or African American male ⁴								
All ages, age adjusted ³	228.8	238.5	206.4	142.0	102.2	97.0	89.6	85.4
All ages, crude	122.0	122.9	108.8	73.0	53.0	49.8	46.1	44.6
45–54 years	211.9	166.1	136.1	82.1	68.4	62.3	49.5	48.8
55–64 years	522.8	439.9	343.4	189.7	141.7	130.8	115.4	111.9
65–74 years	783.6	899.2	780.1	472.3	326.9	297.0	268.5	269.2
75–84 years ⁵	1,504.9	1,475.2	1,445.7	1,066.3	721.5	705.9	659.2	613.9
85 years and over	---	2,700.0	1,963.1	1,873.2	1,421.5	1,410.1	1,458.8	1,349.1

See footnotes at end of table.

Table 37 (page 2 of 3). Death rates for cerebrovascular diseases, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
American Indian or Alaska Native male⁴								
All ages, age adjusted ³	---	---	---	66.4	44.3	51.7	46.1	37.5
All ages, crude	---	---	---	23.1	16.0	18.4	16.8	14.2
45–54 years	---	---	---	*	*	25.5	13.3	12.6
55–64 years	---	---	---	72.0	39.8	42.6	48.6	24.1
65–74 years	---	---	---	170.5	120.3	156.4	144.7	131.5
75–84 years	---	---	---	523.9	325.9	351.2	373.3	247.8
85 years and over	---	---	---	1,384.7	949.8	1,072.4	834.9	833.0
Asian or Pacific Islander male⁴								
All ages, age adjusted ³	---	---	---	71.4	59.1	64.0	58.0	55.3
All ages, crude	---	---	---	28.7	23.3	27.5	27.2	27.5
45–54 years	---	---	---	17.0	15.6	16.5	15.0	15.9
55–64 years	---	---	---	59.9	51.8	59.6	49.3	46.2
65–74 years	---	---	---	197.9	167.9	155.6	135.6	134.7
75–84 years	---	---	---	619.5	483.9	521.9	438.7	409.8
85 years and over	---	---	---	1,399.0	1,196.6	1,382.1	1,415.6	1,327.7
Hispanic or Latino male^{4,6}								
All ages, age adjusted ³	---	---	---	---	46.5	51.2	50.5	48.9
All ages, crude	---	---	---	---	15.6	16.2	15.8	15.7
45–54 years	---	---	---	---	20.0	20.3	18.1	18.7
55–64 years	---	---	---	---	49.2	46.9	48.8	43.5
65–74 years	---	---	---	---	126.4	138.1	136.1	127.2
75–84 years	---	---	---	---	356.6	373.3	392.9	386.3
85 years and over	---	---	---	---	866.3	1,079.5	1,029.9	1,005.6
White, not Hispanic or Latino male⁹								
All ages, age adjusted ³	---	---	---	---	66.3	62.8	59.9	56.5
All ages, crude	---	---	---	---	50.6	51.9	53.9	52.0
45–54 years	---	---	---	---	14.9	13.9	13.0	11.9
55–64 years	---	---	---	---	45.1	43.3	38.7	35.1
65–74 years	---	---	---	---	154.5	141.4	133.1	128.0
75–84 years	---	---	---	---	547.3	506.2	482.3	460.5
85 years and over	---	---	---	---	1,578.7	1,544.8	1,505.9	1,399.0
White female⁴								
All ages, age adjusted ³	169.7	165.0	135.5	89.0	60.3	58.6	57.3	54.5
All ages, crude	103.3	110.1	109.8	88.6	71.6	75.1	76.9	74.0
45–54 years	55.0	33.8	30.5	18.6	13.5	12.6	11.2	10.2
55–64 years	156.9	103.0	78.1	48.6	35.8	33.3	30.2	27.6
65–74 years	498.1	383.3	303.2	172.5	116.1	111.7	107.3	99.9
75–84 years	1,471.3	1,444.7	1,176.8	728.8	456.5	443.4	434.2	421.6
85 years and over	3,017.9	3,795.7	3,167.6	2,362.7	1,685.9	1,656.7	1,646.7	1,563.5
Black or African American female⁴								
All ages, age adjusted ³	238.4	232.5	189.3	119.6	84.0	79.4	76.2	73.7
All ages, crude	128.3	127.7	112.2	77.8	60.7	59.1	58.3	56.9
45–54 years	248.9	166.2	119.4	61.8	44.1	36.0	38.1	37.3
55–64 years	567.7	452.0	272.4	138.4	96.9	85.6	76.4	74.4
65–74 years	754.4	830.5	673.5	361.7	236.7	222.3	190.9	189.5
75–84 years ⁵	1,496.7	1,413.1	1,338.3	917.5	595.0	565.1	549.2	530.3
85 years and over	---	2,578.9	2,210.5	1,891.6	1,495.2	1,518.4	1,556.5	1,491.2

See footnotes at end of table.

Table 37 (page 3 of 3). Death rates for cerebrovascular diseases, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
American Indian or Alaska Native female⁴								
All ages, age adjusted ³	---	---	---	51.2	38.4	46.3	43.7	44.0
All ages, crude	---	---	---	22.0	19.3	22.0	21.5	23.3
45–54 years	---	---	---	*	*	*	14.4	15.1
55–64 years	---	---	---	*	40.7	41.5	37.9	30.4
65–74 years	---	---	---	128.3	100.5	114.8	79.5	133.3
75–84 years	---	---	---	404.2	282.0	364.4	391.1	359.9
85 years and over	---	---	---	1,095.5	776.2	983.9	931.5	830.5
Asian or Pacific Islander female⁴								
All ages, age adjusted ³	---	---	---	60.8	54.9	48.3	49.1	48.2
All ages, crude	---	---	---	26.4	24.3	24.2	28.7	29.8
45–54 years	---	---	---	20.3	19.7	15.6	13.3	11.3
55–64 years	---	---	---	43.7	42.1	37.6	33.3	35.2
65–74 years	---	---	---	136.1	124.0	101.0	102.8	113.2
75–84 years	---	---	---	446.6	396.6	381.8	386.0	359.6
85 years and over	---	---	---	1,545.2	1,395.0	1,197.0	1,246.6	1,236.8
Hispanic or Latino female^{4,6}								
All ages, age adjusted ³	---	---	---	---	43.7	42.7	43.0	41.6
All ages, crude	---	---	---	---	20.1	19.4	19.4	19.1
45–54 years	---	---	---	---	15.2	15.1	12.4	13.1
55–64 years	---	---	---	---	38.5	36.5	31.9	28.2
65–74 years	---	---	---	---	102.6	102.3	95.2	89.6
75–84 years	---	---	---	---	308.5	307.3	311.3	310.7
85 years and over	---	---	---	---	1,055.3	1,021.0	1,108.9	1,061.2
White, not Hispanic or Latino female⁵								
All ages, age adjusted ³	---	---	---	---	61.0	58.7	57.6	54.8
All ages, crude	---	---	---	---	77.2	81.5	85.5	82.6
45–54 years	---	---	---	---	13.2	12.3	10.9	9.8
55–64 years	---	---	---	---	35.7	32.6	29.9	27.4
65–74 years	---	---	---	---	116.9	111.4	107.6	100.3
75–84 years	---	---	---	---	461.9	445.9	438.3	425.6
85 years and over	---	---	---	---	1,714.7	1,666.8	1,661.6	1,577.4

--- Data not available.

* Based on fewer than 20 deaths.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

⁴The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁵In 1950 rate is for the age group 75 years and over.

⁶Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. For the period 1980–98, causes were coded using ICD–9 codes that are most nearly comparable with the 113 cause list for ICD–10. See Appendix II, tables IV and V. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. Washington: U.S. Government Printing Office. 1968; numerator data from National Vital Statistics System, annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/dataawh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 38 (page 1 of 4). Death rates for malignant neoplasms, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
All persons								
All ages, age adjusted ³	193.9	193.9	198.6	207.9	216.0	209.9	199.6	196.0
All ages, crude	139.8	149.2	162.8	183.9	203.2	202.2	196.5	194.4
Under 1 year	8.7	7.2	4.7	3.2	2.3	1.8	2.4	1.6
1–4 years	11.7	10.9	7.5	4.5	3.5	3.1	2.7	2.7
5–14 years	6.7	6.8	6.0	4.3	3.1	2.7	2.5	2.5
15–24 years	8.6	8.3	8.3	6.3	4.9	4.5	4.4	4.3
25–34 years	20.0	19.5	16.5	13.7	12.6	11.6	9.8	10.1
35–44 years	62.7	59.7	59.5	48.6	43.3	40.1	36.6	36.8
45–54 years	175.1	177.0	182.5	180.0	158.9	140.4	127.5	126.5
55–64 years	390.7	396.8	423.0	436.1	449.6	412.3	366.7	356.5
65–74 years	698.8	713.9	754.2	817.9	872.3	863.3	816.3	802.8
75–84 years	1,153.3	1,127.4	1,169.2	1,232.3	1,348.5	1,355.4	1,335.6	1,315.8
85 years and over	1,451.0	1,450.0	1,320.7	1,594.6	1,752.9	1,797.7	1,819.4	1,765.6
Male								
All ages, age adjusted ³	208.1	225.1	247.6	271.2	280.4	267.5	248.9	243.7
All ages, crude	142.9	162.5	182.1	205.3	221.3	216.3	207.2	205.3
Under 1 year	9.7	7.7	4.4	3.7	2.4	1.9	2.6	1.5
1–4 years	12.5	12.4	8.3	5.2	3.7	3.6	3.0	2.9
5–14 years	7.4	7.6	6.7	4.9	3.5	3.0	2.7	2.5
15–24 years	9.7	10.2	10.4	7.8	5.7	5.4	5.1	5.0
25–34 years	17.7	18.8	16.3	13.4	12.6	11.3	9.2	9.3
35–44 years	45.6	48.9	53.0	44.0	38.5	36.3	32.7	32.6
45–54 years	156.2	170.8	183.5	188.7	162.5	141.5	130.9	130.3
55–64 years	413.1	459.9	511.8	520.8	532.9	475.1	415.8	405.2
65–74 years	791.5	890.5	1,006.8	1,093.2	1,122.2	1,083.0	1,001.9	984.6
75–84 years	1,332.6	1,389.4	1,588.3	1,790.5	1,914.4	1,847.9	1,760.6	1,727.1
85 years and over	1,668.3	1,741.2	1,720.8	2,369.5	2,739.9	2,818.7	2,710.7	2,613.6
Female								
All ages, age adjusted ³	182.3	168.7	163.2	166.7	175.7	173.6	167.6	164.7
All ages, crude	136.8	136.4	144.4	163.6	186.0	188.8	186.2	183.9
Under 1 year	7.6	6.8	5.0	2.7	2.2	1.8	2.3	1.8
1–4 years	10.8	9.3	6.7	3.7	3.2	2.6	2.5	2.5
5–14 years	6.0	6.0	5.2	3.6	2.8	2.3	2.2	2.4
15–24 years	7.6	6.5	6.2	4.8	4.1	3.5	3.6	3.5
25–34 years	22.2	20.1	16.7	14.0	12.6	11.9	10.4	10.9
35–44 years	79.3	70.0	65.6	53.1	48.1	43.8	40.4	41.0
45–54 years	194.0	183.0	181.5	171.8	155.5	139.3	124.2	122.7
55–64 years	368.2	337.7	343.2	361.7	375.2	355.1	321.3	311.5
65–74 years	612.3	560.2	557.9	607.1	677.4	687.1	663.6	652.2
75–84 years	1,000.7	924.1	891.9	903.1	1,010.3	1,047.5	1,058.5	1,045.4
85 years and over	1,299.7	1,263.9	1,096.7	1,255.7	1,372.1	1,404.4	1,456.4	1,410.7
White male ⁴								
All ages, age adjusted ³	210.0	224.7	244.8	265.1	272.2	260.6	243.9	239.2
All ages, crude	147.2	166.1	185.1	208.7	227.7	225.3	218.1	216.4
25–34 years	17.7	18.8	16.2	13.6	12.3	11.0	9.2	9.3
35–44 years	44.5	46.3	50.1	41.1	35.8	34.1	30.9	31.3
45–54 years	150.8	164.1	172.0	175.4	149.9	132.7	123.5	123.6
55–64 years	409.4	450.9	498.1	497.4	508.2	456.0	401.9	392.1
65–74 years	798.7	887.3	997.0	1,070.7	1,090.7	1,056.1	984.3	969.4
75–84 years	1,367.6	1,413.7	1,592.7	1,779.7	1,883.2	1,817.4	1,736.0	1,704.6
85 years and over	1,732.7	1,791.4	1,772.2	2,375.6	2,715.1	2,789.4	2,693.7	2,597.6
Black or African American male ⁴								
All ages, age adjusted ³	178.9	227.6	291.9	353.4	397.9	374.3	340.3	330.9
All ages, crude	106.6	136.7	171.6	205.5	221.9	204.8	188.5	184.5
25–34 years	18.0	18.4	18.8	14.1	15.7	14.8	10.1	10.5
35–44 years	55.7	72.9	81.3	73.8	64.3	57.2	48.4	44.6
45–54 years	211.7	244.7	311.2	333.0	302.6	243.9	214.2	204.8
55–64 years	490.8	579.7	689.2	812.5	859.2	738.1	626.4	604.2
65–74 years	636.5	938.5	1,168.9	1,417.2	1,613.9	1,541.4	1,363.8	1,335.3
75–84 years ⁵	853.5	1,053.3	1,624.8	2,029.6	2,478.3	2,449.8	2,351.8	2,290.0
85 years and over	---	1,155.2	1,387.0	2,393.9	3,238.3	3,395.5	3,264.8	3,209.9

See footnotes at end of table.

Table 38 (page 2 of 4). Death rates for malignant neoplasms, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
American Indian or Alaska Native male⁴								
All ages, age adjusted ³	---	---	---	140.5	145.8	169.0	155.8	155.3
All ages, crude	---	---	---	58.1	61.4	67.8	67.0	72.4
25–34 years	---	---	---	*	*	*	*	*
35–44 years	---	---	---	*	22.8	14.3	21.4	22.9
45–54 years	---	---	---	86.9	86.9	79.2	70.3	77.1
55–64 years	---	---	---	213.4	246.2	279.8	255.6	256.0
65–74 years	---	---	---	613.0	530.6	684.7	648.0	673.9
75–84 years	---	---	---	936.4	1,038.4	1,346.3	1,152.5	1,093.0
85 years and over	---	---	---	1,471.2	1,654.4	1,549.0	1,584.2	1,487.5
Asian or Pacific Islander male⁴								
All ages, age adjusted ³	---	---	---	165.2	172.5	164.3	150.8	147.0
All ages, crude	---	---	---	81.9	82.7	83.7	85.2	87.0
25–34 years	---	---	---	6.3	9.2	8.2	7.4	7.1
35–44 years	---	---	---	29.4	27.7	26.1	26.1	24.8
45–54 years	---	---	---	108.2	92.6	82.4	78.5	83.9
55–64 years	---	---	---	298.5	274.6	244.8	229.2	234.8
65–74 years	---	---	---	581.2	687.2	614.3	559.4	515.1
75–84 years	---	---	---	1,147.6	1,229.9	1,167.2	1,086.1	1,095.9
85 years and over	---	---	---	1,798.7	1,837.0	2,081.3	1,823.2	1,676.4
Hispanic or Latino male^{4,6}								
All ages, age adjusted ³	---	---	---	---	174.7	180.9	171.7	168.2
All ages, crude	---	---	---	---	65.5	65.4	61.3	62.2
25–34 years	---	---	---	---	8.0	8.4	6.9	6.3
35–44 years	---	---	---	---	22.5	24.7	20.1	21.7
45–54 years	---	---	---	---	96.6	85.0	79.4	81.5
55–64 years	---	---	---	---	294.0	281.6	253.1	253.5
65–74 years	---	---	---	---	655.5	697.9	651.2	642.8
75–84 years	---	---	---	---	1,233.4	1,359.8	1,306.4	1,258.3
85 years and over	---	---	---	---	2,019.4	2,018.6	2,049.7	1,967.4
White, not Hispanic or Latino male⁹								
All ages, age adjusted ³	---	---	---	---	276.7	263.5	247.7	243.1
All ages, crude	---	---	---	---	246.2	246.0	244.4	243.4
25–34 years	---	---	---	---	12.8	11.2	9.7	10.0
35–44 years	---	---	---	---	36.8	34.8	32.3	32.6
45–54 years	---	---	---	---	153.9	135.6	127.2	127.3
55–64 years	---	---	---	---	520.6	464.9	412.0	401.7
65–74 years	---	---	---	---	1,109.0	1,069.9	1,002.1	988.2
75–84 years	---	---	---	---	1,906.6	1,825.4	1,750.2	1,721.8
85 years and over	---	---	---	---	2,744.4	2,810.8	2,714.1	2,616.8
White female⁴								
All ages, age adjusted ³	182.0	167.7	162.5	165.2	174.0	172.1	166.9	163.9
All ages, crude	139.9	139.8	149.4	170.3	196.1	200.6	199.4	196.7
25–34 years	20.9	18.8	16.3	13.5	11.9	11.2	10.1	10.4
35–44 years	74.5	66.6	62.4	50.9	46.2	41.9	38.2	39.3
45–54 years	185.8	175.7	177.3	166.4	150.9	135.0	120.1	118.9
55–64 years	362.5	329.0	338.6	355.5	368.5	350.3	319.7	308.6
65–74 years	616.5	562.1	554.7	605.2	675.1	685.6	665.6	652.9
75–84 years	1,026.6	939.3	903.5	905.4	1,011.8	1,047.9	1,063.4	1,049.8
85 years and over	1,348.3	1,304.9	1,126.6	1,266.8	1,372.3	1,405.4	1,459.1	1,416.7

See footnotes at end of table.

Table 38 (page 3 of 4). Death rates for malignant neoplasms, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
Black or African American female⁴								
All ages, age adjusted ³	174.1	174.3	173.4	189.5	205.9	203.8	193.8	191.3
All ages, crude	111.8	113.8	117.3	136.5	156.1	155.8	151.8	151.3
25–34 years	34.3	31.0	20.9	18.3	18.7	16.5	13.5	15.0
35–44 years	119.8	102.4	94.6	73.5	67.4	61.7	58.9	57.3
45–54 years	277.0	254.8	228.6	230.2	209.9	190.6	173.9	166.8
55–64 years	484.6	442.7	404.8	450.4	482.4	444.9	391.0	390.9
65–74 years	477.3	541.6	615.8	662.4	773.2	803.5	753.1	748.4
75–84 years ⁵	605.3	696.3	763.3	923.9	1,059.9	1,120.8	1,124.0	1,125.0
85 years and over	---	728.9	791.5	1,159.9	1,431.3	1,446.2	1,527.7	1,457.5
American Indian or Alaska Native female⁴								
All ages, age adjusted ³	---	---	---	94.0	106.9	117.7	108.3	114.1
All ages, crude	---	---	---	50.4	62.1	64.5	61.3	68.8
25–34 years	---	---	---	*	*	10.2	*	*
35–44 years	---	---	---	36.9	31.0	29.7	23.7	25.7
45–54 years	---	---	---	96.9	104.5	76.9	59.7	79.4
55–64 years	---	---	---	198.4	213.3	213.2	200.9	221.7
65–74 years	---	---	---	350.8	438.9	437.0	458.3	463.8
75–84 years	---	---	---	446.4	554.3	819.9	714.0	752.7
85 years and over	---	---	---	786.5	843.7	1,039.4	983.2	905.2
Asian or Pacific Islander female⁴								
All ages, age adjusted ³	---	---	---	93.0	103.0	107.4	100.7	99.3
All ages, crude	---	---	---	54.1	60.5	69.5	72.1	74.0
25–34 years	---	---	---	9.5	7.3	9.9	8.1	8.0
35–44 years	---	---	---	38.7	29.8	27.6	28.9	25.6
45–54 years	---	---	---	99.8	93.9	94.4	78.2	82.5
55–64 years	---	---	---	174.7	196.2	203.5	176.5	167.7
65–74 years	---	---	---	301.9	346.2	343.3	357.4	373.3
75–84 years	---	---	---	522.1	641.4	681.0	650.1	633.1
85 years and over	---	---	---	800.0	971.7	1,092.7	988.5	929.2
Hispanic or Latino female^{4,6}								
All ages, age adjusted ³	---	---	---	---	111.9	110.8	110.8	108.6
All ages, crude	---	---	---	---	60.7	58.7	58.5	58.7
25–34 years	---	---	---	---	9.7	8.5	7.8	8.3
35–44 years	---	---	---	---	34.8	30.7	30.7	29.8
45–54 years	---	---	---	---	100.5	89.7	84.7	84.2
55–64 years	---	---	---	---	205.4	203.0	192.5	196.7
65–74 years	---	---	---	---	404.8	398.0	410.0	394.5
75–84 years	---	---	---	---	663.0	706.2	716.5	681.2
85 years and over	---	---	---	---	1,022.7	1,028.6	1,056.5	1,068.6

See footnotes at end of table.

Table 38 (page 4 of 4). Death rates for malignant neoplasms, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
White, not Hispanic or Latino female ⁶	Deaths per 100,000 resident population							
All ages, age adjusted ³	---	---	---	---	177.5	174.7	170.0	167.2
All ages, crude	---	---	---	---	210.6	217.3	220.6	218.4
25–34 years	---	---	---	---	11.9	11.5	10.5	10.7
35–44 years	---	---	---	---	47.0	42.7	38.9	40.4
45–54 years	---	---	---	---	154.9	137.8	123.0	121.9
55–64 years	---	---	---	---	379.5	359.3	328.9	317.3
65–74 years	---	---	---	---	688.5	697.9	681.0	669.7
75–84 years	---	---	---	---	1,027.2	1,056.1	1,075.3	1,064.4
85 years and over	---	---	---	---	1,385.7	1,411.6	1,468.7	1,425.1

--- Data not available.

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

⁴The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁵In 1950 rate is for the age group 75 years and over.

⁶Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. See Appendix II, tables IV and V. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. Washington: U.S. Government Printing Office. 1968; numerator data from National Vital Statistics System, annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/dataawh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 39 (page 1 of 3). Death rates for malignant neoplasms of trachea, bronchus, and lung, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
All persons								
All ages, age adjusted ³	15.0	24.1	37.1	49.9	59.3	58.4	56.1	55.3
All ages, crude	12.2	20.3	32.1	45.8	56.8	56.8	55.3	54.8
Under 25 years	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
25–34 years	0.8	1.0	0.9	0.6	0.7	0.6	0.5	0.4
35–44 years	4.5	6.8	11.0	9.2	6.8	6.0	6.1	6.2
45–54 years	20.4	29.6	43.4	54.1	46.8	37.5	31.6	30.7
55–64 years	48.7	75.3	109.1	138.2	160.6	141.6	122.4	117.7
65–74 years	59.7	108.1	164.5	233.3	288.4	295.4	284.2	279.7
75–84 years	55.8	91.5	163.2	240.5	333.3	358.9	370.8	371.4
85 years and over	42.3	65.6	101.7	176.0	242.5	279.9	302.1	302.7
Male								
All ages, age adjusted ³	24.6	43.6	67.5	85.2	91.1	84.2	76.7	75.2
All ages, crude	19.9	35.4	53.4	68.6	75.1	70.5	65.5	64.7
Under 25 years	0.0	0.0	0.1	0.1	0.0	0.1	*	*
25–34 years	1.1	1.4	1.3	0.8	0.9	0.7	0.5	0.4
35–44 years	7.1	10.5	16.1	11.9	8.5	7.0	6.9	6.7
45–54 years	35.0	50.6	67.5	76.0	59.7	46.3	38.5	37.4
55–64 years	83.8	139.3	189.7	213.6	222.9	185.3	154.0	147.1
65–74 years	98.7	204.3	320.8	403.9	430.4	414.3	377.9	370.0
75–84 years	82.6	167.1	330.8	488.8	572.9	553.8	532.2	529.5
85 years and over	62.5	107.7	194.0	368.1	513.2	540.3	521.2	512.4
Female								
All ages, age adjusted ³	5.8	7.5	13.1	24.4	37.1	40.4	41.3	41.0
All ages, crude	4.5	6.4	11.9	24.3	39.4	43.6	45.4	45.3
Under 25 years	0.1	0.0	0.0	*	*	*	*	*
25–34 years	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.4
35–44 years	1.9	3.2	6.1	6.5	5.2	5.0	5.3	5.7
45–54 years	5.8	9.2	21.0	33.7	34.5	29.1	25.0	24.3
55–64 years	13.6	15.4	36.8	72.0	105.0	101.9	93.3	90.5
65–74 years	23.3	24.4	43.1	102.7	177.6	200.0	206.9	204.9
75–84 years	32.9	32.8	52.4	94.1	190.1	237.2	265.6	267.5
85 years and over	28.2	38.8	50.0	91.9	138.1	179.6	212.8	215.0
White male ⁴								
All ages, age adjusted ³	25.1	43.6	67.1	83.8	89.0	82.6	75.7	74.2
All ages, crude	20.8	36.4	54.6	70.2	77.8	74.0	69.4	68.6
45–54 years	35.1	49.2	63.3	70.9	55.2	43.2	35.7	34.9
55–64 years	85.4	139.2	186.8	205.6	213.7	178.9	150.8	143.8
65–74 years	101.5	207.5	325.0	401.0	422.1	408.0	374.9	368.1
75–84 years	85.5	170.4	336.7	493.5	572.2	550.8	529.9	526.4
85 years and over	67.4	109.4	199.6	374.1	516.3	539.3	522.4	513.9
Black or African American male ⁴								
All ages, age adjusted ³	17.8	42.6	75.4	107.6	125.4	115.1	101.1	99.1
All ages, crude	12.1	28.1	47.7	66.6	73.7	65.6	58.3	57.2
45–54 years	34.4	68.4	115.4	133.8	114.9	85.2	70.7	66.2
55–64 years	68.3	146.8	234.3	321.1	358.6	288.5	223.5	215.2
65–74 years	53.8	168.3	300.5	472.3	585.4	559.5	488.8	476.4
75–84 years ⁵	36.2	107.3	271.6	472.9	645.4	667.1	642.5	659.8
85 years and over	---	82.8	137.0	311.3	499.5	583.0	562.8	549.2
American Indian or Alaska Native male ⁴								
All ages, age adjusted ³	---	---	---	31.7	47.5	53.6	42.9	42.1
All ages, crude	---	---	---	14.2	20.0	21.8	18.1	19.6
45–54 years	---	---	---	*	26.6	23.8	14.5	20.0
55–64 years	---	---	---	72.0	97.8	98.9	86.0	78.7
65–74 years	---	---	---	202.8	194.3	261.5	184.8	205.4
75–84 years	---	---	---	*	356.2	409.7	367.9	354.6
85 years and over	---	---	---	*	*	*	*	*

See footnotes at end of table.

Table 39 (page 2 of 3). Death rates for malignant neoplasms of trachea, bronchus, and lung, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
Asian or Pacific Islander male⁴								
All ages, age adjusted ³	---	---	---	43.3	44.2	41.0	40.9	39.2
All ages, crude	---	---	---	22.1	20.7	20.7	22.7	22.5
45–54 years	---	---	---	33.3	18.8	18.6	17.2	16.7
55–64 years	---	---	---	94.4	74.4	64.4	61.4	62.4
65–74 years	---	---	---	174.3	215.8	184.0	183.2	161.7
75–84 years	---	---	---	301.3	307.5	296.6	323.2	311.5
85 years and over	---	---	---	*	421.3	439.0	378.0	402.3
Hispanic or Latino male^{4,6}								
All ages, age adjusted ³	---	---	---	---	44.1	42.2	39.0	36.8
All ages, crude	---	---	---	---	16.2	14.8	13.3	13.1
45–54 years	---	---	---	---	21.5	17.5	14.8	14.2
55–64 years	---	---	---	---	80.7	69.9	58.6	59.5
65–74 years	---	---	---	---	195.5	192.0	167.3	163.7
75–84 years	---	---	---	---	313.4	324.4	327.5	293.8
85 years and over	---	---	---	---	420.7	382.8	368.8	335.2
White, not Hispanic or Latino male⁶								
All ages, age adjusted ³	---	---	---	---	91.1	84.1	77.9	76.6
All ages, crude	---	---	---	---	84.7	81.5	78.9	78.4
45–54 years	---	---	---	---	57.8	44.9	37.7	37.0
55–64 years	---	---	---	---	221.0	184.8	157.7	150.3
65–74 years	---	---	---	---	431.4	416.0	387.3	381.1
75–84 years	---	---	---	---	580.4	554.8	537.7	536.5
85 years and over	---	---	---	---	520.9	542.7	527.3	520.0
White female⁴								
All ages, age adjusted ³	5.9	6.8	13.1	24.5	37.6	41.1	42.3	42.1
All ages, crude	4.7	5.9	12.3	25.6	42.4	47.5	49.9	49.8
45–54 years	5.7	9.0	20.9	33.0	34.6	29.3	24.8	24.3
55–64 years	13.7	15.1	37.2	71.9	105.7	104.0	96.1	93.3
65–74 years	23.7	24.8	42.9	104.6	181.3	203.8	213.2	211.9
75–84 years	34.0	32.7	52.6	95.2	194.6	243.3	272.7	274.0
85 years and over	29.3	39.1	50.6	92.4	138.3	181.0	215.9	218.1
Black or African American female⁴								
All ages, age adjusted ³	4.5	6.8	13.7	24.8	36.8	38.8	39.8	38.7
All ages, crude	2.8	4.3	9.4	18.3	28.1	29.5	30.8	30.2
45–54 years	7.5	11.3	23.9	43.4	41.3	34.5	32.9	29.5
55–64 years	12.9	17.9	33.5	79.9	117.9	106.9	95.3	92.0
65–74 years	14.0	18.1	46.1	88.0	164.3	196.2	194.1	186.7
75–84 years ⁵	*	31.3	49.1	79.4	148.1	183.2	224.3	231.3
85 years and over	---	34.2	44.8	85.8	134.9	158.9	185.9	181.0
American Indian or Alaska Native female⁴								
All ages, age adjusted ³	---	---	---	11.7	19.3	25.9	24.8	28.1
All ages, crude	---	---	---	6.0	11.2	13.8	14.0	16.2
45–54 years	---	---	---	*	22.9	*	12.1	15.1
55–64 years	---	---	---	*	53.7	45.7	52.6	56.9
65–74 years	---	---	---	*	78.5	134.6	151.5	140.2
75–84 years	---	---	---	*	111.8	209.5	136.3	201.4
85 years and over	---	---	---	*	*	*	*	*

See footnotes at end of table.

Table 39 (page 3 of 3). Death rates for malignant neoplasms of trachea, bronchus, and lung, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
Asian or Pacific Islander female ⁴								
All ages, age adjusted ³	---	---	---	15.4	18.9	21.4	18.4	20.0
All ages, crude	---	---	---	8.4	10.5	13.0	12.6	14.1
45–54 years	---	---	---	13.5	11.3	11.6	9.9	11.4
55–64 years	---	---	---	24.6	38.3	37.6	30.4	29.4
65–74 years	---	---	---	62.4	71.6	84.2	77.0	83.6
75–84 years	---	---	---	117.7	137.9	153.5	135.0	147.5
85 years and over	---	---	---	*	172.9	235.5	175.3	212.1
Hispanic or Latino female ^{4,6}								
All ages, age adjusted ³	---	---	---	---	14.1	14.3	14.7	14.5
All ages, crude	---	---	---	---	7.2	7.1	7.2	7.4
45–54 years	---	---	---	---	8.7	7.1	7.1	7.3
55–64 years	---	---	---	---	25.1	25.5	22.2	24.6
65–74 years	---	---	---	---	66.8	59.2	66.0	64.6
75–84 years	---	---	---	---	94.3	111.0	112.3	107.0
85 years and over	---	---	---	---	118.2	128.3	137.5	135.0
White, not Hispanic or Latino female ⁶								
All ages, age adjusted ³	---	---	---	---	39.0	42.5	44.1	44.0
All ages, crude	---	---	---	---	46.2	52.3	56.4	56.6
45–54 years	---	---	---	---	36.6	31.0	26.4	26.0
55–64 years	---	---	---	---	111.3	109.4	102.2	99.2
65–74 years	---	---	---	---	186.4	210.4	222.9	222.3
75–84 years	---	---	---	---	199.1	247.2	279.2	281.3
85 years and over	---	---	---	---	139.0	181.6	218.0	220.6

0.0 Quantity more than zero but less than 0.05.

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

--- Data not available.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

⁴The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁵In 1950 rate is for the age group 75 years and over.

⁶Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. For the period 1980–98, causes were coded using ICD–9 codes that are most nearly comparable with the 113 cause list for ICD–10. See Appendix II, tables IV and V. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. Washington: U.S. Government Printing Office. 1968; numerator data from National Vital Statistics System, annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/dataawh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 40 (page 1 of 2). Death rates for malignant neoplasm of breast for females, according to race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
All females								
All ages, age adjusted ³	31.9	31.7	32.1	31.9	33.3	30.5	26.8	26.0
All ages, crude	24.7	26.1	28.4	30.6	34.0	32.2	29.2	28.6
Under 25 years	*	*	*	*	*	*	*	*
25–34 years	3.8	3.8	3.9	3.3	2.9	2.6	2.3	2.4
35–44 years	20.8	20.2	20.4	17.9	17.8	14.9	12.4	12.4
45–54 years	46.9	51.4	52.6	48.1	45.4	41.0	33.0	32.8
55–64 years	69.9	70.8	77.6	80.5	78.6	69.4	59.3	57.5
65–74 years	95.0	90.0	93.8	101.1	111.7	102.8	88.3	85.8
75–84 years	139.8	129.9	127.4	126.4	146.3	140.1	128.9	125.8
85 years and over	195.5	191.9	157.1	169.3	196.8	200.2	205.7	188.9
White ⁴								
All ages, age adjusted ³	32.4	32.0	32.5	32.1	33.2	30.1	26.3	25.5
All ages, crude	25.7	27.2	29.9	32.3	35.9	33.8	30.7	29.8
35–44 years	20.8	19.7	20.2	17.3	17.1	14.0	11.3	11.3
45–54 years	47.1	51.2	53.0	48.1	44.3	38.9	31.2	31.0
55–64 years	70.9	71.8	79.3	81.3	78.5	68.3	57.9	56.0
65–74 years	96.3	91.6	95.9	103.7	113.3	103.3	89.3	85.6
75–84 years	143.6	132.8	129.6	128.4	148.2	141.4	130.2	126.9
85 years and over	204.2	199.7	161.9	171.7	198.0	202.6	205.5	189.9
Black or African American ⁴								
All ages, age adjusted ³	25.3	27.9	28.9	31.7	38.1	38.0	34.5	34.4
All ages, crude	16.4	18.7	19.7	22.9	29.0	29.6	27.9	28.3
35–44 years	21.0	24.8	24.4	24.1	25.8	22.9	20.9	20.8
45–54 years	46.5	54.4	52.0	52.7	60.5	61.9	51.5	50.3
55–64 years	64.3	63.2	64.7	79.9	93.1	89.1	80.9	79.8
65–74 years	67.0	72.3	77.3	84.3	112.2	117.9	98.6	106.6
75–84 years ⁵	81.0	87.5	101.8	114.1	140.5	147.2	139.8	141.8
85 years and over	---	92.1	112.1	149.9	201.5	192.7	238.7	205.9
American Indian or Alaska Native ⁴								
All ages, age adjusted ³	---	---	---	10.8	13.7	15.0	13.6	11.8
All ages, crude	---	---	---	6.1	8.6	9.0	8.7	8.2
35–44 years	---	---	---	*	*	*	*	*
45–54 years	---	---	---	*	23.9	21.6	14.4	18.9
55–64 years	---	---	---	*	*	37.4	40.0	31.4
65–74 years	---	---	---	*	*	46.3	42.5	41.5
75–84 years	---	---	---	*	*	*	71.8	*
85 years and over	---	---	---	*	*	*	*	*
Asian or Pacific Islander ⁴								
All ages, age adjusted ³	---	---	---	11.9	13.7	13.9	12.3	12.9
All ages, crude	---	---	---	8.2	9.3	10.8	10.2	10.9
35–44 years	---	---	---	10.4	8.4	8.0	8.1	8.8
45–54 years	---	---	---	23.4	26.4	29.1	22.3	22.3
55–64 years	---	---	---	35.7	33.8	37.9	31.3	33.1
65–74 years	---	---	---	*	38.5	36.6	34.7	36.5
75–84 years	---	---	---	*	48.0	42.3	37.5	44.8
85 years and over	---	---	---	*	*	*	68.2	65.8
Hispanic or Latino ^{4,6}								
All ages, age adjusted ³	---	---	---	---	19.5	18.7	16.9	16.3
All ages, crude	---	---	---	---	11.5	10.6	9.7	9.7
35–44 years	---	---	---	---	11.7	9.5	8.7	9.2
45–54 years	---	---	---	---	32.8	27.7	23.9	23.8
55–64 years	---	---	---	---	45.8	45.0	39.1	41.5
65–74 years	---	---	---	---	64.8	58.0	54.9	49.3
75–84 years	---	---	---	---	67.2	80.9	74.9	64.7
85 years and over	---	---	---	---	102.8	115.6	105.8	102.4

See footnotes at end of table.

Table 40 (page 2 of 2). Death rates for malignant neoplasm of breast for females, according to race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

Race, Hispanic origin, and age	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
White, not Hispanic or Latino ⁶	Deaths per 100,000 resident population							
All ages, age adjusted ³	---	---	---	---	33.9	30.6	26.8	26.0
All ages, crude	---	---	---	---	38.5	36.6	33.8	32.9
35–44 years	---	---	---	---	17.5	14.4	11.6	11.5
45–54 years	---	---	---	---	45.2	39.5	31.7	31.6
55–64 years	---	---	---	---	80.6	69.5	59.2	57.0
65–74 years	---	---	---	---	115.7	105.4	91.4	88.0
75–84 years	---	---	---	---	151.4	143.2	132.2	129.4
85 years and over	---	---	---	---	201.5	204.4	208.3	192.6

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

0.0 Quantity more than zero but less than 0.05.

--- Data not available.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

⁴The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁵In 1950 rate is for the age group 75 years and over.

⁶Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. See Appendix II, tables IV and V. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; numerator data from annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/dataawh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 41 (page 1 of 3). Death rates for chronic lower respiratory diseases, according to sex, race, Hispanic origin, and age: United States, selected years 1980–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1980	1990	1995	1998	Comparability modified			
					1998 ¹	1999 ¹	2000	2001
All persons								
Deaths per 100,000 resident population								
All ages, age adjusted ²	28.3	37.2	40.1	41.8	43.8	45.4	44.2	43.7
All ages, crude	24.7	34.9	38.6	40.8	42.8	44.5	43.4	43.2
Under 1 year	1.6	1.4	1.1	1.0	1.0	0.9	0.9	1.0
1–4 years	0.4	0.4	0.2	0.3	0.3	0.4	0.3	0.3
5–14 years	0.2	0.3	0.4	0.4	0.4	0.3	0.3	0.3
15–24 years	0.3	0.5	0.7	0.6	0.6	0.5	0.5	0.4
25–34 years	0.5	0.7	0.9	0.8	0.8	0.8	0.7	0.7
35–44 years	1.6	1.6	1.9	2.0	2.1	2.0	2.1	2.2
45–54 years	9.8	9.1	8.7	8.0	8.4	8.5	8.6	8.5
55–64 years	42.7	48.9	46.8	44.1	46.2	47.5	44.2	44.1
65–74 years	129.1	152.5	159.6	167.4	175.4	177.2	169.4	167.9
75–84 years	224.4	321.1	349.3	363.7	381.1	397.8	386.1	379.8
85 years and over	274.0	433.3	520.1	572.2	599.6	646.0	648.6	644.7
Male								
All ages, age adjusted ²	49.9	55.5	54.8	54.4	57.0	58.7	55.8	54.0
All ages, crude	35.1	40.8	41.4	42.2	44.2	45.6	43.5	42.7
Under 1 year	1.9	1.6	1.4	1.2	1.3	---	1.2	1.1
1–4 years	0.5	0.5	0.2	0.4	0.4	0.4	0.4	0.4
5–14 years	0.2	0.4	0.5	0.4	0.4	0.4	0.4	0.3
15–24 years	0.4	0.5	0.7	0.8	0.8	0.6	0.6	0.5
25–34 years	0.6	0.7	0.9	0.9	0.9	0.8	0.8	0.7
35–44 years	1.7	1.7	1.7	1.9	2.0	1.8	1.9	2.0
45–54 years	12.1	9.4	8.8	8.0	8.4	8.6	9.0	8.8
55–64 years	59.9	58.6	52.3	48.6	50.9	52.3	47.8	46.9
65–74 years	210.0	204.0	195.6	199.1	208.6	210.7	195.2	191.3
75–84 years	437.4	500.0	483.8	476.4	499.2	513.2	488.5	475.1
85 years and over	583.4	815.1	889.8	900.6	943.6	996.7	967.9	916.9
Female								
All ages, age adjusted ²	14.9	26.6	31.8	34.4	36.0	37.7	37.4	37.6
All ages, crude	15.0	29.2	36.0	39.5	41.4	43.4	43.2	43.7
Under 1 year	1.3	1.2	*	*	*	*	*	*
1–4 years	*	*	*	*	*	0.3	0.3	*
5–14 years	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.2
15–24 years	0.3	0.5	0.6	0.5	0.5	0.5	0.4	0.4
25–34 years	0.5	0.7	0.9	0.8	0.8	0.9	0.7	0.7
35–44 years	1.5	1.5	2.2	2.0	2.1	2.1	2.2	2.3
45–54 years	7.7	8.8	8.7	8.1	8.5	8.4	8.3	8.1
55–64 years	27.6	40.3	41.9	40.1	42.0	43.1	41.0	41.5
65–74 years	67.1	112.3	130.8	141.7	148.5	149.8	148.2	148.5
75–84 years	98.7	214.2	265.3	291.1	305.0	322.9	319.2	317.3
85 years and over	138.7	286.0	377.7	441.7	462.8	504.6	518.5	530.8
White male ³								
All ages, age adjusted ²	51.6	56.6	55.9	55.7	58.4	60.0	57.2	55.5
All ages, crude	37.9	44.3	45.5	46.7	48.9	50.6	48.3	47.6
35–44 years	1.2	1.3	1.4	1.5	1.6	1.5	1.6	1.7
45–54 years	11.4	8.6	8.1	7.4	7.8	8.1	8.4	8.6
55–64 years	60.0	58.7	52.7	49.2	51.6	53.1	48.6	48.0
65–74 years	218.4	208.1	200.0	205.7	215.5	217.3	201.4	198.3
75–84 years	459.8	513.5	497.9	489.8	513.2	525.4	503.6	489.4
85 years and over	611.2	847.0	918.3	930.5	975.0	1,029.4	997.4	943.6
Black or African American male ³								
All ages, age adjusted ²	34.0	47.6	47.4	46.4	48.6	51.5	47.5	46.3
All ages, crude	19.3	25.2	24.4	23.9	25.0	26.2	24.3	23.6
35–44 years	5.8	5.3	4.3	4.9	5.1	4.7	4.8	4.7
45–54 years	19.7	18.8	16.9	14.5	15.2	15.3	15.0	13.3
55–64 years	66.6	67.4	60.5	54.4	57.0	59.3	54.6	49.8
65–74 years	142.0	184.5	178.7	170.1	178.2	184.6	176.9	168.0
75–84 years	229.8	390.9	370.0	381.8	400.1	434.4	370.3	380.8
85 years and over	271.6	498.0	624.1	613.5	642.8	701.9	693.1	671.7

See footnotes at end of table.

Table 41 (page 2 of 3). Death rates for chronic lower respiratory diseases, according to sex, race, Hispanic origin, and age: United States, selected years 1980–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	<i>1980</i>	<i>1990</i>	<i>1995</i>	<i>1998</i>	<i>Comparability modified 1998¹</i>	<i>1999¹</i>	<i>2000</i>	<i>2001</i>
American Indian or Alaska Native male ³								
Deaths per 100,000 resident population								
All ages, age adjusted ²	23.0	38.3	35.6	45.7	47.9	41.8	43.7	35.0
All ages, crude	8.4	13.8	12.3	15.3	16.0	14.0	15.3	13.1
35–44 years	*	*	*	*	*	*	*	*
45–54 years	*	*	*	*	*	*	*	*
55–64 years	*	*	36.5	41.4	43.4	34.2	46.4	35.7
65–74 years	*	135.7	132.1	140.0	146.7	165.0	111.3	115.1
75–84 years	*	363.8	307.3	413.5	433.3	393.0	416.6	306.0
85 years and over	*	*	*	789.3	827.0	576.7	770.7	614.8
Asian or Pacific Islander male ³								
All ages, age adjusted ²	21.5	29.8	28.9	26.0	27.2	29.6	28.3	27.0
All ages, crude	8.7	11.3	11.8	11.4	11.9	13.1	12.6	12.7
35–44 years	*	*	*	*	*	*	*	*
45–54 years	*	*	*	*	*	*	4.8	3.6
55–64 years	*	22.1	15.7	16.3	17.1	14.3	8.8	14.4
65–74 years	70.6	91.4	87.9	71.0	74.4	81.9	71.3	65.5
75–84 years	155.7	258.6	240.6	213.1	223.3	270.6	254.3	239.3
85 years and over	472.4	615.2	650.4	617.1	646.6	652.3	670.7	640.4
Hispanic or Latino male ^{3,4}								
All ages, age adjusted ²	---	28.6	31.8	31.1	32.6	33.0	28.8	27.6
All ages, crude	---	8.4	8.9	8.5	8.9	8.9	8.0	7.8
35–44 years	---	*	1.1	1.2	1.3	1.4	0.9	0.7
45–54 years	---	4.1	3.9	3.7	3.9	3.6	3.4	3.2
55–64 years	---	17.2	19.1	17.9	18.8	17.6	18.2	16.1
65–74 years	---	81.0	82.4	77.7	81.4	81.9	72.4	75.5
75–84 years	---	252.4	292.0	272.2	285.2	272.7	250.3	224.0
85 years and over	---	613.9	689.0	725.9	760.6	836.8	671.1	676.1
White, not Hispanic or Latino male ⁴								
All ages, age adjusted ²	---	57.9	56.6	56.8	59.5	61.3	58.5	56.9
All ages, crude	---	48.5	50.2	52.6	55.1	57.3	55.1	54.6
35–44 years	---	1.4	1.4	1.5	1.6	1.5	1.7	1.9
45–54 years	---	9.0	8.4	7.7	8.1	8.5	8.9	9.1
55–64 years	---	61.3	54.6	51.4	53.9	55.6	50.8	50.5
65–74 years	---	213.4	204.3	212.4	222.6	224.9	208.8	206.1
75–84 years	---	523.7	501.7	497.4	521.2	534.9	513.6	500.9
85 years and over	---	860.6	922.6	935.4	980.1	1,033.5	1,008.6	951.5
White female ³								
All ages, age adjusted ²	15.5	27.8	33.3	36.1	37.8	39.7	39.5	39.8
All ages, crude	16.4	32.8	40.8	45.1	47.3	49.8	49.7	50.3
35–44 years	1.3	1.2	1.7	1.6	1.7	1.8	1.8	1.9
45–54 years	7.6	8.3	8.4	7.6	8.0	8.1	7.9	8.0
55–64 years	28.7	41.9	44.0	42.3	44.3	45.6	43.2	44.1
65–74 years	71.0	118.8	139.0	151.4	158.6	160.3	159.6	160.4
75–84 years	104.0	226.3	279.5	308.3	323.0	341.5	339.1	338.3
85 years and over	144.2	298.4	395.5	462.7	484.8	529.7	544.8	557.9
Black or African American female ³								
All ages, age adjusted ²	9.1	16.6	20.2	21.9	22.9	23.4	22.7	22.4
All ages, crude	6.8	12.6	15.5	16.9	17.7	18.0	17.6	17.5
35–44 years	3.4	3.8	5.4	5.2	5.4	4.6	4.7	4.9
45–54 years	9.3	14.0	12.8	14.0	14.7	12.6	13.4	11.7
55–64 years	20.8	33.4	34.7	34.0	35.6	34.9	35.3	33.3
65–74 years	32.7	64.7	78.7	85.5	89.6	88.9	82.9	84.3
75–84 years	41.1	96.0	132.7	143.4	150.3	166.4	158.4	151.7
85 years and over	63.2	133.0	185.8	225.6	236.4	254.5	255.0	266.1

See footnotes at end of table.

Table 41 (page 3 of 3). Death rates for chronic lower respiratory diseases, according to sex, race, Hispanic origin, and age: United States, selected years 1980–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1980	1990	1995	1998	Comparability modified 1998 ¹			
					1999 ¹	2000	2001	
American Indian or Alaska Native female ³								
Deaths per 100,000 resident population								
All ages, age adjusted ²	7.7	16.8	22.8	24.0	25.1	30.4	26.2	27.3
All ages, crude	3.8	8.7	11.5	11.8	12.4	14.7	13.4	14.8
35–44 years	*	*	*	*	*	*	*	*
45–54 years	*	*	*	*	*	*	*	*
55–64 years	*	*	38.8	28.6	30.0	39.6	31.6	37.3
65–74 years	*	56.4	79.5	118.6	124.3	109.1	136.8	114.2
75–84 years	*	116.7	191.3	192.9	202.1	301.1	175.8	217.9
85 years and over	*	*	*	259.1	271.5	322.8	362.2	345.3
Asian or Pacific Islander female ³								
All ages, age adjusted ²	5.8	11.0	12.1	11.3	11.8	12.1	11.7	11.1
All ages, crude	2.6	5.2	6.3	6.2	6.5	7.0	6.8	6.8
35–44 years	*	*	*	*	*	*	*	*
45–54 years	*	*	3.6	*	*	*	*	*
55–64 years	*	15.2	9.6	6.4	6.7	7.7	6.2	7.0
65–74 years	*	26.5	29.2	28.0	29.3	39.9	29.2	30.2
75–84 years	*	80.6	113.2	91.6	96.0	94.1	88.9	79.4
85 years and over	*	232.5	227.8	273.0	286.0	268.0	299.5	288.5
Hispanic or Latino female ^{3,4}								
All ages, age adjusted ²	---	13.4	16.9	15.6	16.3	17.7	16.3	16.5
All ages, crude	---	6.3	7.7	7.0	7.3	8.0	7.2	7.5
35–44 years	---	*	1.4	1.8	1.9	1.8	1.3	1.2
45–54 years	---	4.9	4.6	3.2	3.4	4.2	3.3	4.1
55–64 years	---	14.4	12.9	12.0	12.6	12.0	10.8	12.1
65–74 years	---	36.6	43.1	40.6	42.5	47.5	38.0	40.3
75–84 years	---	101.1	125.0	131.1	137.4	142.9	136.0	132.7
85 years and over	---	269.0	402.6	334.0	350.0	391.0	387.8	384.4
White, not Hispanic or Latino female ⁴								
All ages, age adjusted ²	---	28.5	34.0	37.1	38.9	40.8	40.7	41.1
All ages, crude	---	35.7	44.7	50.4	52.8	55.9	56.2	57.2
35–44 years	---	1.2	1.7	1.6	1.7	1.8	1.9	2.0
45–54 years	---	8.5	8.5	7.9	8.3	8.5	8.3	8.3
55–64 years	---	43.7	46.2	44.6	46.7	48.3	45.8	46.8
65–74 years	---	122.8	143.0	157.9	165.4	167.4	167.6	168.8
75–84 years	---	231.9	284.5	314.6	329.6	348.8	347.2	347.3
85 years and over	---	302.1	393.7	465.3	487.5	532.8	548.7	562.7

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

--- Data not available.

¹Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

²Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

³The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁴Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. For the period 1980–98, causes were coded using ICD–9 codes that are most nearly comparable with the 113 cause list for ICD–10. See Appendix II, tables IV and V. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; numerator data from annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/data/wh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 42 (page 1 of 2). Death rates for human immunodeficiency virus (HIV) disease, according to sex, race, Hispanic origin, and age: United States, selected years 1987–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1987	1990	1995	1998	Comparability modified			
					1998 ¹	1999 ¹	2000	2001
All persons								
Deaths per 100,000 resident population								
All ages, age adjusted ²	5.6	10.2	16.2	4.9	5.6	5.3	5.2	5.0
All ages, crude	5.6	10.1	16.2	4.9	5.6	5.3	5.1	5.0
Under 1 year	2.3	2.7	1.5	*	*	*	*	*
1–4 years	0.7	0.8	1.3	0.2	0.2	0.2	*	*
5–14 years	0.1	0.2	0.5	0.1	0.1	0.2	0.1	0.1
15–24 years	1.3	1.5	1.7	0.5	0.6	0.5	0.5	0.6
25–34 years	11.7	19.7	28.3	7.1	8.1	6.8	6.1	5.3
35–44 years	14.0	27.4	44.2	12.8	14.7	13.8	13.1	13.0
45–54 years	8.0	15.2	26.0	8.9	10.2	10.7	11.0	10.5
55–64 years	3.5	6.2	10.9	4.3	4.9	4.8	5.1	5.2
65–74 years	1.3	2.0	3.6	1.6	1.8	2.2	2.2	2.1
75–84 years	0.8	0.7	0.7	0.5	0.6	0.6	0.7	0.7
85 years and over	*	*	*	*	*	*	*	*
Male								
All ages, age adjusted ²	10.4	18.5	27.3	7.6	8.7	8.2	7.9	7.5
All ages, crude	10.2	18.5	27.6	7.6	8.7	8.2	7.9	7.6
Under 1 year	2.2	2.4	1.7	*	*	*	*	*
1–4 years	0.7	0.8	1.2	*	*	*	*	*
5–14 years	0.2	0.3	0.5	0.1	0.1	0.2	0.1	0.1
15–24 years	2.2	2.2	2.0	0.5	0.6	0.5	0.5	0.5
25–34 years	20.7	34.5	45.5	10.0	11.4	9.5	8.0	7.1
35–44 years	26.3	50.2	75.5	20.0	22.9	21.0	19.8	19.5
45–54 years	15.5	29.1	46.2	14.8	16.9	17.5	17.8	16.8
55–64 years	6.8	12.0	19.7	7.2	8.2	8.3	8.7	8.6
65–74 years	2.4	3.7	6.4	2.9	3.3	3.8	3.8	3.5
75–84 years	1.2	1.1	1.3	0.9	1.0	1.0	1.3	1.5
85 years and over	*	*	*	*	*	*	*	*
Female								
All ages, age adjusted ²	1.1	2.2	5.3	2.2	2.5	2.5	2.5	2.5
All ages, crude	1.1	2.2	5.3	2.2	2.5	2.5	2.5	2.5
Under 1 year	2.5	3.0	1.2	*	*	*	*	*
1–4 years	0.7	0.8	1.5	*	*	*	*	*
5–14 years	*	0.2	0.5	0.2	0.2	0.2	0.1	*
15–24 years	0.3	0.7	1.4	0.5	0.6	0.5	0.4	0.6
25–34 years	2.8	4.9	10.9	4.2	4.8	4.1	4.2	3.5
35–44 years	2.1	5.2	13.3	5.7	6.5	6.7	6.5	6.7
45–54 years	0.8	1.9	6.6	3.1	3.5	4.1	4.4	4.4
55–64 years	0.5	1.1	2.8	1.6	1.8	1.6	1.8	2.0
65–74 years	0.5	0.8	1.4	0.6	0.7	0.8	0.8	0.9
75–84 years	0.5	0.4	0.3	0.3	0.3	0.3	0.3	*
85 years and over	*	*	*	*	*	*	*	*
All ages, age adjusted ²								
White male	8.7	15.7	20.4	4.5	5.2	4.9	4.6	4.4
Black or African American male	26.2	46.3	89.0	33.2	38.0	36.1	35.1	33.8
American Indian or Alaska Native male	*	3.3	10.5	3.5	4.0	4.2	3.5	4.2
Asian or Pacific Islander male	2.5	4.3	6.0	1.3	1.5	1.4	1.2	1.2
Hispanic or Latino male ³	18.8	28.8	40.8	10.2	11.7	10.9	10.6	9.7
White, not Hispanic or Latino male ³	10.7	14.1	17.9	3.7	4.2	4.0	3.8	3.6
White female	0.6	1.1	2.5	0.8	0.9	1.0	1.0	0.9
Black or African American female	4.6	10.1	24.4	12.0	13.7	13.1	13.2	13.4
American Indian or Alaska Native female	*	*	2.5	0.6	*	1.0	1.0	*
Asian or Pacific Islander female	*	*	0.6	0.3	*	0.2	0.2	*
Hispanic or Latino female ³	2.1	3.8	8.8	2.8	3.2	3.0	2.9	2.7
White, not Hispanic or Latino female ³	0.5	0.7	1.7	0.5	0.6	0.7	0.7	0.6

See footnotes at end of table.

Table 42 (page 2 of 2). Death rates for human immunodeficiency virus (HIV) disease, according to sex, race, Hispanic origin, and age: United States, selected years 1987–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1987	1990	1995	1998	Comparability modified 1998 ¹			
					1999 ¹	2000	2001	
Age 25–44 years								
Deaths per 100,000 resident population								
All persons	12.7	23.2	36.3	10.1	11.6	10.5	9.8	9.4
White male	19.2	35.0	46.1	9.6	11.0	9.7	8.8	8.3
Black or African American male	60.2	102.0	179.4	58.1	66.5	59.3	55.4	53.5
American Indian or Alaska Native male	*	7.7	28.5	7.5	8.6	9.1	5.5	7.3
Asian or Pacific Islander male	4.1	8.1	12.1	2.4	2.7	2.4	1.9	2.1
Hispanic or Latino male ³	36.8	59.3	73.9	16.6	19.0	16.5	14.3	12.4
White, not Hispanic or Latino male ³	23.3	31.6	41.2	8.1	9.3	8.2	7.4	7.2
White female	1.2	2.3	5.9	1.8	2.1	2.2	2.1	1.9
Black or African American female	11.6	23.6	53.6	25.5	29.2	26.6	26.7	26.0
American Indian or Alaska Native female	*	*	*	*	*	*	*	*
Asian or Pacific Islander female	*	*	1.2	*	*	*	*	*
Hispanic or Latino female ³	4.9	8.9	17.2	4.6	5.3	5.3	4.6	4.3
White, not Hispanic or Latino female ³	1.0	1.5	4.2	1.3	1.5	1.6	1.6	1.3
Age 45–64 years								
All persons	5.8	11.1	19.9	7.0	8.0	8.4	8.7	8.4
White male	9.9	18.6	26.0	6.6	7.6	7.8	8.1	7.7
Black or African American male	27.3	53.0	133.2	60.9	69.7	70.7	71.6	68.8
American Indian or Alaska Native male	*	*	*	*	*	*	*	7.8
Asian or Pacific Islander male	*	6.5	9.1	2.4	2.7	2.3	2.1	1.9
Hispanic or Latino male ³	25.8	37.9	67.1	18.3	20.9	21.2	23.3	21.5
White, not Hispanic or Latino male ³	12.6	16.9	22.4	5.4	6.2	6.4	6.5	6.1
White female	0.5	0.9	2.4	0.9	1.0	1.2	1.3	1.2
Black or African American female	2.6	7.5	27.0	15.4	17.6	18.6	19.6	20.8
American Indian or Alaska Native female	*	*	*	*	*	*	*	*
Asian or Pacific Islander female	*	*	*	*	*	*	*	*
Hispanic or Latino female ³	*	3.1	12.6	4.9	5.6	5.1	5.8	5.4
White, not Hispanic or Latino female ³	0.5	0.7	1.5	0.5	0.6	0.8	0.9	0.8

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

¹Starting with 1999 data, cause of death is coded according to ICD-10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

²Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

³Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin. Categories for the coding and classification of human immunodeficiency virus (HIV) disease were introduced in the United States in 1987. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. See Appendix II, tables IV and V. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; numerator data from annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1987–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/datawh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 43. Maternal mortality for complications of pregnancy, childbirth, and the puerperium, according to race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	1998	1999 ²	2000	2001
Number of deaths										
All females	2,960	1,579	803	334	343	277	281	391	396	399
White	1,873	936	445	193	177	129	158	214	240	228
Black or African American	1,041	624	342	127	153	133	104	154	137	150
American Indian or Alaska Native	---	---	---	3	4	1	2	5	6	5
Asian or Pacific Islander	---	---	---	11	9	14	17	18	13	16
Hispanic or Latino ³	---	---	---	---	47	43	42	67	81	81
White, not Hispanic or Latino ³	---	---	---	---	125	84	116	149	160	151
Deaths per 100,000 live births										
All females	73.7	32.1	21.5	9.4	7.6	6.3	6.1	8.3	8.2	8.8
All ages, crude	83.3	37.1	21.5	9.2	8.2	7.1	7.1	9.9	9.8	9.9
Under 20 years	70.7	22.7	18.9	7.6	7.5	3.9	*	6.6	*	8.8
20–24 years	47.6	20.7	13.0	5.8	6.1	5.7	5.0	6.2	7.4	6.9
25–29 years	63.5	29.8	17.0	7.7	6.0	6.0	6.7	8.2	7.9	8.5
30–34 years	107.7	50.3	31.6	13.6	9.5	7.3	7.5	10.1	10.0	10.1
35 years and over ⁵	222.0	104.3	81.9	36.3	20.7	15.9	14.5	23.0	22.7	18.9
White										
All ages, age adjusted ⁴	53.1	22.4	14.4	6.7	5.1	3.6	4.2	5.5	6.2	6.5
All ages, crude	61.1	26.0	14.3	6.6	5.4	4.2	5.1	6.8	7.5	7.2
Under 20 years	44.9	14.8	13.8	5.8	*	*	*	*	*	7.4
20–24 years	35.7	15.3	8.4	4.2	3.9	3.5	3.1	4.0	5.6	5.3
25–29 years	45.0	20.3	11.1	5.4	4.8	4.0	4.9	5.4	5.9	5.8
30–34 years	75.9	34.3	18.7	9.3	5.0	4.0	4.9	7.0	7.1	8.1
35 years and over ⁵	174.1	73.9	59.3	25.5	12.6	9.1	11.0	16.6	18.0	11.4
Black or African American										
All ages, age adjusted ⁴	---	92.0	65.5	24.9	21.7	20.9	16.1	23.3	20.1	22.4
All ages, crude	---	103.6	60.9	22.4	22.4	22.1	17.1	25.4	22.0	24.7
Under 20 years	---	54.8	32.3	13.1	*	*	*	*	*	*
20–24 years	---	56.9	41.9	13.9	14.7	15.3	12.7	14.0	15.3	14.6
25–29 years	---	92.8	65.2	22.4	14.9	21.0	17.2	26.6	21.8	24.7
30–34 years	---	150.6	117.8	44.0	44.2	31.2	27.7	36.1	34.8	30.6
35 years and over ⁵	---	299.5	207.5	100.6	79.7	61.4	37.2	69.9	62.8	71.0
Hispanic or Latino ^{3,6}										
All ages, age adjusted ⁴	---	---	---	---	7.4	5.4	5.2	7.9	9.0	8.8
All ages, crude	---	---	---	---	7.9	6.3	5.7	8.8	9.9	9.5
White, not Hispanic or Latino ³										
All ages, age adjusted ⁴	---	---	---	---	4.4	3.3	4.0	4.9	5.5	5.8
All ages, crude	---	---	---	---	4.8	3.5	4.9	6.4	6.8	6.5

--- Data not available.

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Starting with 1999 data, changes were made in the classification and coding of maternal deaths under ICD–10. The large increase in the number of maternal deaths between 1998 and 1999 is due to changes associated with ICD–10. See Appendix II, *International Classification of Diseases (ICD); Maternal death.*

³Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

⁴Rates are age adjusted to the 1970 distribution of live births by mother's age in the United States. See Appendix II, Age adjustment.

⁵Rates computed by relating deaths of women 35 years and over to live births to women 35–49 years. See Appendix II, Rate: Death and related rates.

⁶Age-specific maternal mortality rates are not calculated because rates based on fewer than 20 deaths are considered unreliable.

NOTES: Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. See Appendix II, tables IV and V. The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. For 1950 and 1960, rates were based on live births by race of child; for all other years, rates are based on live births by race of mother. See Appendix II, Race. Rates are not calculated for American Indian or Alaska Native and Asian or Pacific Islander mothers because rates based on fewer than 20 deaths are considered unreliable. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; numerator data from annual mortality files; denominator data from annual natality files; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 44 (page 1 of 4). Death rates for motor vehicle-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
All persons								
Deaths per 100,000 resident population								
All ages, age adjusted ³	24.6	23.1	27.6	22.3	18.5	16.3	15.4	15.3
All ages, crude	23.1	21.3	26.9	23.5	18.8	16.3	15.4	15.4
Under 1 year	8.4	8.1	9.8	7.0	4.9	4.7	4.4	3.6
1–14 years	9.8	8.6	10.5	8.2	6.0	5.3	4.3	4.1
1–4 years	11.5	10.0	11.5	9.2	6.3	5.2	4.2	4.1
5–14 years	8.8	7.9	10.2	7.9	5.9	5.3	4.3	4.1
15–24 years	34.4	38.0	47.2	44.8	34.1	28.9	26.9	26.8
15–19 years	29.6	33.9	43.6	43.0	33.1	28.1	26.0	25.7
20–24 years	38.8	42.9	51.3	46.6	35.0	29.7	28.0	28.0
25–34 years	24.6	24.3	30.9	29.1	23.6	19.2	17.3	17.5
35–44 years	20.3	19.3	24.9	20.9	16.9	15.3	15.3	15.7
45–64 years	25.2	23.0	26.5	18.0	15.7	14.1	14.3	14.0
45–54 years	22.2	21.4	25.5	18.6	15.6	13.8	14.2	14.2
55–64 years	29.0	25.1	27.9	17.4	15.9	14.5	14.4	13.7
65 years and over	43.1	34.7	36.2	22.5	23.1	22.6	21.4	21.3
65–74 years	39.1	31.4	32.8	19.2	18.6	17.5	16.5	16.3
75–84 years	52.7	41.8	43.5	28.1	29.1	28.4	25.7	26.3
85 years and over	45.1	37.9	34.2	27.6	31.2	31.0	30.4	27.8
Male								
All ages, age adjusted ³	38.5	35.4	41.5	33.6	26.5	22.8	21.7	21.8
All ages, crude	35.4	31.8	39.7	35.3	26.7	22.4	21.3	21.5
Under 1 year	9.1	8.6	9.3	7.3	5.0	4.9	4.6	3.2
1–14 years	12.3	10.7	13.0	10.0	7.0	6.1	4.9	4.8
1–4 years	13.0	11.5	12.9	10.2	6.9	5.6	4.7	4.5
5–14 years	11.9	10.4	13.1	9.9	7.0	6.3	5.0	4.9
15–24 years	56.7	61.2	73.2	68.4	49.5	40.5	37.4	38.0
15–19 years	46.3	51.7	64.1	62.6	45.5	36.1	33.9	34.0
20–24 years	66.7	73.2	84.4	74.3	53.3	45.0	41.2	42.1
25–34 years	40.8	40.1	49.4	46.3	35.7	28.1	25.5	26.2
35–44 years	32.5	29.9	37.7	31.7	24.7	21.7	22.0	22.4
45–64 years	37.7	33.3	38.9	26.5	21.9	19.5	20.2	19.9
45–54 years	33.6	31.6	37.2	27.6	22.0	19.3	20.4	20.5
55–64 years	43.1	35.6	40.9	25.4	21.7	19.6	19.8	19.0
65 years and over	66.6	52.1	54.4	33.9	32.1	30.7	29.5	29.5
65–74 years	59.1	45.8	47.3	27.3	24.2	22.2	21.7	21.5
75–84 years	85.0	66.0	68.2	44.3	41.2	39.9	35.6	37.3
85 years and over	78.1	62.7	63.1	56.1	64.5	61.5	57.5	51.1
Female								
All ages, age adjusted ³	11.5	11.7	14.9	11.8	11.0	10.3	9.5	9.3
All ages, crude	10.9	11.0	14.7	12.3	11.3	10.4	9.7	9.5
Under 1 year	7.6	7.5	10.4	6.7	4.9	4.5	4.2	4.0
1–14 years	7.2	6.3	7.9	6.3	4.9	4.4	3.7	3.4
1–4 years	10.0	8.4	10.0	8.1	5.6	4.8	3.8	3.6
5–14 years	5.7	5.4	7.2	5.7	4.7	4.2	3.6	3.3
15–24 years	12.6	15.1	21.6	20.8	17.9	16.8	15.9	15.1
15–19 years	12.9	16.0	22.7	22.8	20.0	19.7	17.5	16.9
20–24 years	12.2	14.0	20.4	18.9	16.0	13.8	14.2	13.4
25–34 years	9.3	9.2	13.0	12.2	11.5	10.2	8.8	8.7
35–44 years	8.5	9.1	12.9	10.4	9.2	9.0	8.8	9.1
45–64 years	12.6	13.1	15.3	10.3	10.1	9.0	8.7	8.4
45–54 years	10.9	11.6	14.5	10.2	9.6	8.4	8.2	8.1
55–64 years	14.9	15.2	16.2	10.5	10.8	9.9	9.5	8.8
65 years and over	21.9	20.3	23.1	15.0	17.2	17.0	15.8	15.5
65–74 years	20.6	19.0	21.6	13.0	14.1	13.7	12.3	12.0
75–84 years	25.2	23.0	27.2	18.5	21.9	21.2	19.2	19.2
85 years and over	22.1	22.0	18.0	15.2	18.3	19.3	19.3	18.0
White male ⁴								
All ages, age adjusted ³	37.9	34.8	40.4	33.8	26.3	22.6	21.8	22.0
All ages, crude	35.1	31.5	39.1	35.9	26.7	22.4	21.6	21.9
Under 1 year	9.1	8.8	9.1	7.0	4.8	4.3	4.2	3.1
1–14 years	12.4	10.6	12.5	9.8	6.6	5.9	4.8	4.6
15–24 years	58.3	62.7	75.2	73.8	52.5	42.4	39.6	40.0
25–34 years	39.1	38.6	47.0	46.6	35.4	27.9	25.1	26.4
35–44 years	30.9	28.4	35.2	30.7	23.7	21.1	21.8	22.4
45–64 years	36.2	31.7	36.5	25.2	20.6	18.7	19.7	19.5
65 years and over	67.1	52.1	54.2	32.7	31.4	30.1	29.4	29.9

See footnotes at end of table.

Table 44 (page 2 of 4). Death rates for motor vehicle-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
Black or African American male⁴								
All ages, age adjusted ³	34.8	39.6	51.0	34.2	29.9	26.1	24.4	23.5
All ages, crude	37.2	33.1	44.3	31.1	28.1	24.1	22.5	22.0
Under 1 year	---	*	10.6	7.8	*	8.7	6.7	*
1–14 years ⁵	10.4	11.2	16.3	11.4	8.9	7.5	5.5	6.1
15–24 years	42.5	46.4	58.1	34.9	36.1	33.9	30.2	31.4
25–34 years	54.4	51.0	70.4	44.9	39.5	32.2	32.6	29.9
35–44 years	46.7	43.6	59.5	41.2	33.5	28.7	27.2	26.1
45–64 years	54.6	47.8	61.7	39.5	33.3	26.2	27.1	26.7
65 years and over	52.6	48.2	53.4	42.4	36.3	36.9	32.1	28.1
American Indian or Alaska Native male⁴								
All ages, age adjusted ³	---	---	---	78.9	48.3	40.7	35.8	34.6
All ages, crude	---	---	---	74.6	47.6	40.1	33.6	33.2
1–14 years	---	---	---	15.1	11.6	7.6	7.8	8.4
15–24 years	---	---	---	126.1	75.2	69.0	56.8	55.7
25–34 years	---	---	---	107.0	78.2	67.8	49.8	43.2
35–44 years	---	---	---	82.8	57.0	45.2	36.3	42.3
45–64 years	---	---	---	77.4	45.9	38.8	32.0	30.7
65 years and over	---	---	---	97.0	43.0	*	48.5	40.4
Asian or Pacific Islander male⁴								
All ages, age adjusted ³	---	---	---	19.0	17.9	14.5	10.6	10.4
All ages, crude	---	---	---	17.1	15.8	12.6	9.8	9.7
1–14 years	---	---	---	8.2	6.3	4.5	2.5	2.2
15–24 years	---	---	---	27.2	25.7	18.5	17.0	19.3
25–34 years	---	---	---	18.8	17.0	12.4	10.4	10.0
35–44 years	---	---	---	13.1	12.2	9.9	6.9	7.3
45–64 years	---	---	---	13.7	15.1	14.3	10.1	7.9
65 years and over	---	---	---	37.3	33.6	32.1	21.1	21.8
Hispanic or Latino male^{4,6}								
All ages, age adjusted ³	---	---	---	---	29.5	24.4	21.3	22.2
All ages, crude	---	---	---	---	29.2	22.4	20.1	21.0
1–14 years	---	---	---	---	7.2	5.7	4.4	4.4
15–24 years	---	---	---	---	48.2	37.1	34.7	36.9
25–34 years	---	---	---	---	41.0	28.8	24.9	26.8
35–44 years	---	---	---	---	28.0	23.2	21.6	23.1
45–64 years	---	---	---	---	28.9	23.0	21.7	20.5
65 years and over	---	---	---	---	35.3	37.0	28.9	31.0
White, not Hispanic or Latino male⁶								
All ages, age adjusted ³	---	---	---	---	25.7	22.1	21.7	21.7
All ages, crude	---	---	---	---	26.0	21.9	21.5	21.7
1–14 years	---	---	---	---	6.4	5.8	4.9	4.6
15–24 years	---	---	---	---	52.3	42.7	40.3	40.1
25–34 years	---	---	---	---	34.0	27.1	24.7	25.9
35–44 years	---	---	---	---	23.1	20.3	21.6	21.9
45–64 years	---	---	---	---	19.8	18.1	19.3	19.2
65 years and over	---	---	---	---	31.1	29.4	29.3	29.7
White female⁴								
All ages, age adjusted ³	11.4	11.7	14.9	12.2	11.2	10.4	9.8	9.5
All ages, crude	10.9	11.2	14.8	12.8	11.6	10.7	10.0	9.8
Under 1 year	7.8	7.5	10.2	7.1	4.7	4.5	3.5	3.8
1–14 years	7.2	6.2	7.5	6.2	4.8	4.3	3.7	3.3
15–24 years	12.6	15.6	22.7	23.0	19.5	18.1	17.1	16.0
25–34 years	9.0	9.0	12.7	12.2	11.6	10.2	8.9	8.8
35–44 years	8.1	8.9	12.3	10.6	9.2	8.9	8.9	9.3
45–64 years	12.7	13.1	15.1	10.4	9.9	8.9	8.7	8.4
65 years and over	22.2	20.8	23.7	15.3	17.4	17.5	16.2	16.0

See footnotes at end of table.

Table 44 (page 3 of 4). Death rates for motor vehicle-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
Black or African American female⁴								
All ages, age adjusted ³	9.3	10.4	14.1	8.5	9.6	9.0	8.4	8.5
All ages, crude	10.2	9.7	13.4	8.3	9.4	8.8	8.2	8.2
Under 1 year	---	8.1	11.9	*	7.0	*	*	*
1–14 years ⁵	7.2	6.9	10.2	6.3	5.3	4.9	3.9	3.7
15–24 years	11.6	9.9	13.4	8.0	9.9	10.5	11.7	11.7
25–34 years	10.8	9.8	13.3	10.6	11.1	10.3	9.4	8.9
35–44 years	11.1	11.0	16.1	8.3	9.4	9.7	8.2	9.2
45–64 years	11.8	12.7	16.7	9.2	10.7	9.3	9.0	8.3
65 years and over	14.3	13.2	15.7	9.5	13.5	11.4	10.4	11.8
American Indian or Alaska Native female⁴								
All ages, age adjusted ³	---	---	---	32.0	17.5	18.2	19.5	17.6
All ages, crude	---	---	---	32.0	17.3	18.8	18.6	16.9
1–14 years	---	---	---	15.0	8.1	8.1	6.5	7.6
15–24 years	---	---	---	42.3	31.4	30.4	30.3	30.7
25–34 years	---	---	---	52.5	18.8	33.7	22.3	15.5
35–44 years	---	---	---	38.1	18.2	17.2	22.0	13.1
45–64 years	---	---	---	32.6	17.6	15.7	17.8	18.1
65 years and over	---	---	---	*	*	*	24.0	25.3
Asian or Pacific Islander female⁴								
All ages, age adjusted ³	---	---	---	9.3	10.4	8.6	6.7	6.1
All ages, crude	---	---	---	8.2	9.0	7.7	5.9	5.9
1–14 years	---	---	---	7.4	3.6	3.2	2.3	2.2
15–24 years	---	---	---	7.4	11.4	11.5	6.0	7.6
25–34 years	---	---	---	7.3	7.3	4.8	4.5	4.8
35–44 years	---	---	---	8.6	7.5	5.9	4.9	5.4
45–64 years	---	---	---	8.5	11.8	10.4	6.4	7.0
65 years and over	---	---	---	18.6	24.3	18.9	18.5	11.8
Hispanic or Latino female^{4,6}								
All ages, age adjusted ³	---	---	---	---	9.6	8.8	7.9	7.8
All ages, crude	---	---	---	---	8.9	8.0	7.2	7.2
1–14 years	---	---	---	---	4.8	4.3	3.9	3.3
15–24 years	---	---	---	---	11.6	11.8	10.6	11.2
25–34 years	---	---	---	---	9.4	7.2	6.5	6.5
35–44 years	---	---	---	---	8.0	7.9	7.3	6.9
45–64 years	---	---	---	---	11.4	9.3	8.3	8.4
65 years and over	---	---	---	---	14.9	14.6	13.4	12.9

See footnotes at end of table.

Table 44 (page 4 of 4). Death rates for motor vehicle-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
White, not Hispanic or Latino female ⁶	Deaths per 100,000 resident population							
All ages, age adjusted ³	---	---	---	---	11.3	10.5	10.0	9.7
All ages, crude	---	---	---	---	11.7	10.9	10.3	10.1
1–14 years	---	---	---	---	4.7	4.2	3.5	3.2
15–24 years	---	---	---	---	20.4	19.0	18.4	17.0
25–34 years	---	---	---	---	11.7	10.5	9.3	9.3
35–44 years	---	---	---	---	9.3	8.9	9.0	9.6
45–64 years	---	---	---	---	9.7	8.6	8.7	8.3
65 years and over	---	---	---	---	17.5	17.5	16.3	16.1

--- Data not available.

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

⁴The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁵In 1950 rate is for the age group under 15 years.

⁶Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. See Appendix II, tables IV and V. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. For additional injury-related statistics, see www.cdc.gov/ncipc/wisqars, a Web-based interactive database for injury data. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. Washington: U.S. Government Printing Office. 1968; numerator data from National Vital Statistics System, annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/datawh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 45 (page 1 of 3). Death rates for homicide, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
All persons								
All ages, age adjusted	5.1	5.0	8.8	10.4	9.4	8.3	5.9	7.1
All ages, crude	5.0	4.6	8.1	10.6	9.9	8.5	6.0	7.1
Under 1 year	4.4	4.8	4.3	5.9	8.4	8.2	9.2	8.2
1–14 years	0.6	0.6	1.1	1.5	1.8	1.9	1.3	1.3
1–4 years	0.6	0.7	1.9	2.5	2.5	2.9	2.3	2.7
5–14 years	0.5	0.5	0.9	1.2	1.5	1.5	0.9	0.8
15–24 years	5.8	5.6	11.3	15.4	19.7	19.6	12.6	13.3
15–19 years	3.9	3.9	7.7	10.5	16.9	17.8	9.5	9.4
20–24 years	8.5	7.7	15.6	20.2	22.2	21.5	16.0	17.3
25–44 years	8.9	8.5	14.9	17.5	14.7	11.9	8.7	11.2
25–34 years	9.3	9.2	16.2	19.3	17.4	14.4	10.4	13.1
35–44 years	8.4	7.8	13.5	14.9	11.6	9.4	7.1	9.5
45–64 years	5.0	5.3	8.7	9.0	6.3	5.4	4.0	5.4
45–54 years	5.9	6.1	10.0	11.0	7.5	6.0	4.7	6.3
55–64 years	3.9	4.1	7.1	7.0	5.0	4.4	3.0	4.0
65 years and over	3.0	2.7	4.6	5.5	4.0	3.1	2.4	2.7
65–74 years	3.2	2.8	4.9	5.7	3.8	3.2	2.4	2.9
75–84 years	2.5	2.3	4.0	5.2	4.3	3.0	2.4	2.5
85 years and over	2.3	2.4	4.2	5.3	4.6	3.2	2.4	2.4
Male								
All ages, age adjusted ³	7.9	7.5	14.3	16.6	14.8	12.8	9.0	10.8
All ages, crude	7.7	6.8	13.1	17.1	15.9	13.4	9.3	11.1
Under 1 year	4.5	4.7	4.5	6.3	8.8	9.0	10.4	9.5
1–14 years	0.6	0.6	1.2	1.6	2.0	2.2	1.5	1.5
1–4 years	0.5	0.7	1.9	2.7	2.7	3.1	2.5	3.0
5–14 years	0.6	0.5	1.0	1.2	1.7	1.9	1.1	0.9
15–24 years	8.6	8.4	18.2	24.0	32.5	32.8	20.9	22.2
15–19 years	5.5	5.7	12.1	15.9	27.8	29.1	15.5	15.7
20–24 years	13.5	11.8	25.6	32.2	36.9	36.5	26.7	28.9
25–44 years	13.8	12.8	24.4	28.9	23.5	18.2	13.3	17.2
25–34 years	14.4	13.9	26.8	31.9	27.7	22.5	16.7	20.8
35–44 years	13.2	11.7	21.7	24.5	18.6	14.0	10.3	13.9
45–64 years	8.1	8.1	14.8	15.2	10.2	8.3	6.0	8.1
45–54 years	9.5	9.4	16.8	18.4	11.9	9.2	6.9	9.5
55–64 years	6.3	6.4	12.1	11.8	8.0	7.0	4.6	5.9
65 years and over	4.8	4.3	7.7	8.8	5.8	4.2	3.3	3.6
65–74 years	5.2	4.6	8.5	9.2	5.8	4.5	3.4	4.0
75–84 years	3.9	3.7	5.9	8.1	5.7	3.7	3.2	3.1
85 years and over	2.5	3.6	7.4	7.5	6.7	4.1	3.3	3.2
Female								
All ages, age adjusted ³	2.4	2.6	3.7	4.4	4.0	3.7	2.8	3.3
All ages, crude	2.4	2.4	3.4	4.5	4.2	3.8	2.8	3.3
Under 1 year	4.2	4.9	4.1	5.6	8.0	7.4	7.9	6.9
1–14 years	0.6	0.5	1.0	1.4	1.6	1.5	1.1	1.1
1–4 years	0.7	0.7	1.9	2.2	2.3	2.6	2.1	2.4
5–14 years	0.5	0.4	0.7	1.1	1.2	1.0	0.7	0.7
15–24 years	3.0	2.8	4.6	6.6	6.2	5.9	3.9	3.9
15–19 years	2.4	1.9	3.2	4.9	5.4	5.8	3.1	2.7
20–24 years	3.7	3.8	6.2	8.2	7.0	6.0	4.7	5.1
25–44 years	4.2	4.3	5.8	6.4	6.0	5.6	4.0	5.2
25–34 years	4.5	4.6	6.0	6.9	7.1	6.3	4.1	5.3
35–44 years	3.8	4.0	5.7	5.7	4.8	4.9	4.0	5.1
45–64 years	1.9	2.5	3.1	3.4	2.8	2.6	2.1	2.8
45–54 years	2.3	2.9	3.7	4.1	3.2	2.9	2.5	3.2
55–64 years	1.4	2.0	2.5	2.8	2.3	2.1	1.6	2.2
65 years and over	1.4	1.3	2.3	3.3	2.8	2.4	1.8	2.0
65–74 years	1.3	1.3	2.2	3.0	2.2	2.1	1.6	2.0
75–84 years	1.4	1.3	2.7	3.5	3.4	2.6	2.0	2.1
85 years and over	2.1	1.6	2.5	4.3	3.8	2.9	2.0	2.0
White male ⁴								
All ages, age adjusted ³	3.8	3.9	7.2	10.4	8.3	7.3	5.2	7.1
All ages, crude	3.6	3.6	6.6	10.7	8.8	7.5	5.2	7.2
Under 1 year	4.3	3.8	2.9	4.3	6.4	7.1	8.2	7.3
1–14 years	0.4	0.5	0.7	1.2	1.3	1.5	1.2	1.1
15–24 years	3.2	5.0	7.6	15.1	15.2	15.9	9.9	11.2
25–44 years	5.4	5.5	11.6	17.2	13.0	10.4	7.4	11.5
25–34 years	4.9	5.7	12.5	18.5	14.7	12.1	8.4	12.3
35–44 years	6.1	5.2	10.8	15.2	11.1	8.7	6.5	10.7
45–64 years	4.8	4.6	8.3	9.8	6.9	5.5	4.1	6.4
65 years and over	3.8	3.1	5.4	6.7	4.1	2.9	2.5	3.0

See footnotes at end of table.

Table 45 (page 2 of 3). Death rates for homicide, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
Black or African American male⁴								
All ages, age adjusted ³	47.0	42.3	78.2	69.4	63.1	51.1	35.4	36.2
All ages, crude	44.7	35.0	66.0	65.7	68.5	54.5	37.2	38.3
Under 1 year	---	10.3	14.3	18.6	21.4	20.3	23.3	21.0
1–14 years ⁵	1.8	1.5	4.4	4.1	5.8	5.8	3.1	3.6
15–24 years	53.8	43.2	98.3	82.6	137.1	129.4	85.3	85.7
25–44 years	92.8	80.5	140.2	130.0	105.4	75.8	55.8	58.1
25–34 years	104.3	86.4	154.5	142.9	123.7	95.1	73.9	78.8
35–44 years	80.0	74.4	124.0	109.3	81.2	54.9	38.5	38.5
45–64 years	46.0	44.6	82.3	70.6	41.4	33.4	21.9	22.7
65 years and over	16.5	17.3	33.3	30.9	25.7	20.3	12.8	11.5
American Indian or Alaska Native male⁴								
All ages, age adjusted ³	---	---	---	23.3	16.7	14.4	10.7	9.3
All ages, crude	---	---	---	23.1	16.6	15.7	10.7	9.6
15–24 years	---	---	---	35.4	25.1	28.0	17.0	16.1
25–44 years	---	---	---	39.2	25.7	24.6	17.0	13.6
45–64 years	---	---	---	22.1	14.8	12.0	*	8.9
Asian or Pacific Islander male⁴								
All ages, age adjusted ³	---	---	---	9.1	7.3	7.2	4.3	6.0
All ages, crude	---	---	---	8.3	7.9	7.5	4.4	6.3
15–24 years	---	---	---	9.3	14.9	17.2	7.8	9.1
25–44 years	---	---	---	11.3	9.6	7.4	4.6	8.5
45–64 years	---	---	---	10.4	7.0	7.7	6.1	7.7
Hispanic or Latino male^{4,6}								
All ages, age adjusted ³	---	---	---	---	27.4	20.4	11.8	12.9
All ages, crude	---	---	---	---	31.0	23.5	13.4	14.5
Under 1 year	---	---	---	---	8.7	5.9	6.6	7.9
1–14 years	---	---	---	---	3.1	3.2	1.7	1.5
15–24 years	---	---	---	---	55.4	54.7	28.5	30.5
25–44 years	---	---	---	---	46.4	28.8	17.2	19.2
25–34 years	---	---	---	---	50.9	33.0	19.9	21.6
35–44 years	---	---	---	---	39.3	22.8	13.5	15.9
45–64 years	---	---	---	---	20.5	14.7	9.1	9.8
65 years and over	---	---	---	---	9.4	5.8	4.4	5.5
White, not Hispanic or Latino male⁶								
All ages, age adjusted ³	---	---	---	---	5.6	4.8	3.6	5.6
All ages, crude	---	---	---	---	5.8	4.9	3.6	5.6
Under 1 year	---	---	---	---	5.4	6.8	8.3	6.8
1–14 years	---	---	---	---	0.9	1.1	1.0	1.0
15–24 years	---	---	---	---	7.5	7.2	4.7	5.7
25–44 years	---	---	---	---	8.7	7.2	5.2	9.4
25–34 years	---	---	---	---	9.3	7.7	5.2	9.3
35–44 years	---	---	---	---	8.0	6.7	5.2	9.5
45–64 years	---	---	---	---	5.7	4.6	3.6	5.9
65 years and over	---	---	---	---	3.7	2.6	2.3	2.8
White female⁴								
All ages, age adjusted ³	1.4	1.5	2.3	3.2	2.7	2.7	2.1	2.6
All ages, crude	1.4	1.4	2.1	3.2	2.8	2.7	2.1	2.6
Under 1 year	3.9	3.5	2.9	4.3	5.1	5.1	5.0	5.1
1–14 years	0.4	0.4	0.7	1.1	1.0	1.1	0.8	0.9
15–24 years	1.3	1.5	2.7	4.7	4.0	4.0	2.7	3.0
25–44 years	2.0	2.1	3.3	4.2	3.8	3.7	2.9	4.0
45–64 years	1.5	1.7	2.1	2.6	2.3	2.2	1.8	2.4
65 years and over	1.2	1.2	1.9	2.9	2.2	2.0	1.6	1.8
Black or African American female⁴								
All ages, age adjusted ³	11.1	11.4	14.7	13.2	12.5	10.4	7.1	7.4
All ages, crude	11.5	10.4	13.2	13.5	13.4	10.9	7.2	7.4
Under 1 year	---	13.8	10.7	12.8	22.8	20.1	22.2	16.7
1–14 years ⁵	1.8	1.2	3.1	3.3	4.7	3.4	2.7	2.1
15–24 years	16.5	11.9	17.7	18.4	18.9	16.4	10.7	8.9
25–44 years	22.5	22.7	25.3	22.6	21.0	17.1	11.0	12.5
45–64 years	6.8	10.3	13.4	10.8	6.5	5.9	4.5	5.7
65 years and over	3.6	3.0	7.4	8.0	9.4	6.8	3.5	3.7

See footnotes at end of table.

Table 45 (page 3 of 3). Death rates for homicide, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
American Indian or Alaska Native female ⁴								
All ages, age adjusted ³	---	---	---	8.1	4.6	5.3	3.0	4.2
All ages, crude	---	---	---	7.7	4.8	5.1	2.9	4.2
15–24 years	---	---	---	*	*	*	*	*
25–44 years	---	---	---	13.7	6.9	8.3	5.9	5.9
45–64 years	---	---	---	*	*	*	*	*
Asian or Pacific Islander female ⁴								
All ages, age adjusted ³	---	---	---	3.1	2.8	2.4	1.7	2.5
All ages, crude	---	---	---	3.1	2.8	2.6	1.7	2.7
15–24 years	---	---	---	*	*	3.4	*	*
25–44 years	---	---	---	4.6	3.8	3.6	2.2	4.0
45–64 years	---	---	---	*	*	2.2	2.0	2.7
Hispanic or Latino female ^{4,6}								
All ages, age adjusted ³	---	---	---	---	4.3	4.0	2.8	3.1
All ages, crude	---	---	---	---	4.7	4.2	2.8	3.2
Under 1 year	---	---	---	---	*	*	7.4	5.5
1–14 years	---	---	---	---	1.9	1.8	1.0	1.0
15–24 years	---	---	---	---	8.1	6.4	3.7	4.0
25–44 years	---	---	---	---	6.1	5.6	3.7	4.8
45–64 years	---	---	---	---	3.3	3.4	2.9	3.0
65 years and over	---	---	---	---	*	2.4	2.4	2.0
White, not Hispanic or Latino female ⁶								
All ages, age adjusted ³	---	---	---	---	2.5	2.3	1.9	2.5
All ages, crude	---	---	---	---	2.5	2.3	1.9	2.4
Under 1 year	---	---	---	---	4.4	4.4	4.1	4.7
1–14 years	---	---	---	---	0.8	0.9	0.8	0.9
15–24 years	---	---	---	---	3.3	3.4	2.3	2.7
25–44 years	---	---	---	---	3.5	3.3	2.7	3.7
45–64 years	---	---	---	---	2.2	1.9	1.6	2.3
65 years and over	---	---	---	---	2.2	1.9	1.6	1.8

--- Data not available.

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

⁴The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁵In 1950 rate is for the age group under 15 years.

⁶Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Figures for 2001 include September 11 related deaths for which death certificates were filed as of October 24, 2002. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. For the period 1980–98, causes were coded using ICD–9 codes that are most nearly comparable with the 113 cause list for ICD–10. See Appendix II, tables IV and updated V for new terrorism-related ICD–10 codes. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. For additional injury-related statistics, see www.cdc.gov/ncipc/wisqars, a Web-based interactive database for injury data. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. Washington: U.S. Government Printing Office. 1968; numerator data from National Vital Statistics System, annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/data/wh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 46 (page 1 of 3). Death rates for suicide, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
All persons								
All ages, age adjusted ³	13.2	12.5	13.1	12.2	12.5	11.8	10.4	10.7
All ages, crude	11.4	10.6	11.6	11.9	12.4	11.7	10.4	10.8
Under 1 year . . . . .	...	...	...	...	...	...	...	...
1–4 years . . . . .	...	...	...	...	...	...	...	...
5–14 years	0.2	0.3	0.3	0.4	0.8	0.9	0.7	0.7
15–24 years	4.5	5.2	8.8	12.3	13.2	13.0	10.2	9.9
15–19 years	2.7	3.6	5.9	8.5	11.1	10.3	8.0	7.9
20–24 years	6.2	7.1	12.2	16.1	15.1	15.8	12.5	12.0
25–44 years	11.6	12.2	15.4	15.6	15.2	15.1	13.4	13.8
25–34 years	9.1	10.0	14.1	16.0	15.2	15.0	12.0	12.8
35–44 years	14.3	14.2	16.9	15.4	15.3	15.1	14.5	14.7
45–64 years	23.5	22.0	20.6	15.9	15.3	13.9	13.5	14.4
45–54 years	20.9	20.7	20.0	15.9	14.8	14.4	14.4	15.2
55–64 years	26.8	23.7	21.4	15.9	16.0	13.2	12.1	13.1
65 years and over	30.0	24.5	20.8	17.6	20.5	17.9	15.2	15.3
65–74 years	29.6	23.0	20.8	16.9	17.9	15.7	12.5	13.3
75–84 years	31.1	27.9	21.2	19.1	24.9	20.6	17.6	17.4
85 years and over	28.8	26.0	19.0	19.2	22.2	21.3	19.6	17.5
Male								
All ages, age adjusted ³	21.2	20.0	19.8	19.9	21.5	20.3	17.7	18.2
All ages, crude	17.8	16.5	16.8	18.6	20.4	19.5	17.1	17.6
Under 1 year . . . . .	...	...	...	...	...	...	...	...
1–4 years . . . . .	...	...	...	...	...	...	...	...
5–14 years	0.3	0.4	0.5	0.6	1.1	1.3	1.2	1.0
15–24 years	6.5	8.2	13.5	20.2	22.0	22.0	17.1	16.6
15–19 years	3.5	5.6	8.8	13.8	18.1	17.1	13.0	12.9
20–24 years	9.3	11.5	19.3	26.8	25.7	27.0	21.4	20.5
25–44 years	17.2	17.9	20.9	24.0	24.4	24.4	21.3	22.1
25–34 years	13.4	14.7	19.8	25.0	24.8	24.8	19.6	21.0
35–44 years	21.3	21.0	22.1	22.5	23.9	24.0	22.8	23.1
45–64 years	37.1	34.4	30.0	23.7	24.3	22.2	21.3	22.5
45–54 years	32.0	31.6	27.9	22.9	23.2	22.5	22.4	23.4
55–64 years	43.6	38.1	32.7	24.5	25.7	21.8	19.4	21.1
65 years and over	52.8	44.0	38.4	35.0	41.6	36.2	31.1	31.5
65–74 years	50.5	39.6	36.0	30.4	32.2	28.5	22.7	24.6
75–84 years	58.3	52.5	42.8	42.3	56.1	44.9	38.6	37.8
85 years and over	58.3	57.4	42.4	50.6	65.9	62.7	57.5	51.1
Female								
All ages, age adjusted ³	5.6	5.6	7.4	5.7	4.8	4.3	4.0	4.0
All ages, crude	5.1	4.9	6.6	5.5	4.8	4.3	4.0	4.1
Under 1 year . . . . .	...	...	...	...	...	...	...	...
1–4 years . . . . .	...	...	...	...	...	...	...	...
5–14 years	0.1	0.1	0.2	0.2	0.4	0.4	0.3	0.3
15–24 years	2.6	2.2	4.2	4.3	3.9	3.6	3.0	2.9
15–19 years	1.8	1.6	2.9	3.0	3.7	3.1	2.7	2.7
20–24 years	3.3	2.9	5.7	5.5	4.1	4.2	3.2	3.1
25–44 years	6.2	6.6	10.2	7.7	6.2	5.8	5.4	5.5
25–34 years	4.9	5.5	8.6	7.1	5.6	5.1	4.3	4.4
35–44 years	7.5	7.7	11.9	8.5	6.8	6.4	6.4	6.4
45–64 years	9.9	10.2	12.0	8.9	7.1	6.1	6.2	6.6
45–54 years	9.9	10.2	12.6	9.4	6.9	6.6	6.7	7.2
55–64 years	9.9	10.2	11.4	8.4	7.3	5.3	5.4	5.7
65 years and over	9.4	8.4	8.1	6.1	6.4	5.4	4.0	3.9
65–74 years	10.1	8.4	9.0	6.5	6.7	5.4	4.0	3.9
75–84 years	8.1	8.9	7.0	5.5	6.3	5.4	4.0	4.0
85 years and over	8.2	6.0	5.9	5.5	5.4	5.4	4.2	3.4
White male ⁴								
All ages, age adjusted ³	22.3	21.1	20.8	20.9	22.8	21.6	19.1	19.6
All ages, crude	19.0	17.6	18.0	19.9	22.0	21.1	18.8	19.5
15–24 years	6.6	8.6	13.9	21.4	23.2	23.1	17.9	17.6
25–44 years	17.9	18.5	21.5	24.6	25.4	25.8	22.9	24.0
45–64 years	39.3	36.5	31.9	25.0	26.0	23.9	23.2	24.7
65 years and over	55.8	46.7	41.1	37.2	44.2	38.5	33.3	33.7
65–74 years	53.2	42.0	38.7	32.5	34.2	30.1	24.3	26.3
75–84 years	61.9	55.7	45.5	45.5	60.2	47.7	41.1	40.2
85 years and over	61.9	61.3	45.8	52.8	70.3	67.9	61.6	55.0

See footnotes at end of table.

Table 46 (page 2 of 3). Death rates for suicide, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
Black or African American male⁴								
All ages, age adjusted ³	7.5	8.4	10.0	11.4	12.8	12.4	10.0	9.8
All ages, crude	6.3	6.4	8.0	10.3	12.0	11.7	9.4	9.2
15–24 years	4.9	4.1	10.5	12.3	15.1	17.8	14.2	13.0
25–44 years	9.8	12.6	16.1	19.2	19.6	18.3	14.3	14.4
45–64 years	12.7	13.0	12.4	11.8	13.1	11.5	9.9	9.7
65 years and over	9.0	9.9	8.7	11.4	14.9	14.6	11.5	11.5
65–74 years ⁵	10.0	11.3	8.7	11.1	14.7	13.8	11.1	10.7
75–84 years ⁵	*	*	*	10.5	14.4	16.7	12.1	13.5
85 years and over	---	*	*	*	*	*	*	*
American Indian or Alaska Native male⁴								
All ages, age adjusted ³	---	---	---	19.3	20.1	17.4	16.0	17.4
All ages, crude	---	---	---	20.9	20.9	18.0	15.9	17.0
15–24 years	---	---	---	45.3	49.1	30.8	26.2	24.7
25–44 years	---	---	---	31.2	27.8	29.1	24.5	27.6
45–64 years	---	---	---	*	*	13.6	15.4	17.0
65 years and over	---	---	---	*	*	*	*	*
Asian or Pacific Islander male⁴								
All ages, age adjusted ³	---	---	---	10.7	9.6	9.6	8.6	8.4
All ages, crude	---	---	---	8.8	8.7	9.0	7.9	7.7
15–24 years	---	---	---	10.8	13.5	14.4	9.1	9.1
25–44 years	---	---	---	11.0	10.6	10.8	9.9	9.3
45–64 years	---	---	---	13.0	9.7	8.7	9.7	8.2
65 years and over	---	---	---	18.6	16.8	18.9	15.4	18.3
Hispanic or Latino male^{4,6}								
All ages, age adjusted ³	---	---	---	---	13.7	12.7	10.3	10.1
All ages, crude	---	---	---	---	11.4	10.9	8.4	8.3
15–24 years	---	---	---	---	14.7	16.0	10.9	9.5
25–44 years	---	---	---	---	16.2	14.5	11.2	11.8
45–64 years	---	---	---	---	16.1	14.2	12.0	11.4
65 years and over	---	---	---	---	23.4	21.0	19.5	18.5
White, not Hispanic or Latino male⁶								
All ages, age adjusted ³	---	---	---	---	23.5	22.3	20.2	21.0
All ages, crude	---	---	---	---	23.1	22.2	20.4	21.4
15–24 years	---	---	---	---	24.4	24.0	19.5	19.6
25–44 years	---	---	---	---	26.4	27.1	25.1	26.4
45–64 years	---	---	---	---	26.8	24.5	24.0	25.9
65 years and over	---	---	---	---	45.4	39.0	33.9	34.4
White female⁴								
All ages, age adjusted ³	6.0	5.9	7.9	6.1	5.2	4.7	4.3	4.5
All ages, crude	5.5	5.3	7.1	5.9	5.3	4.8	4.4	4.6
15–24 years	2.7	2.3	4.2	4.6	4.2	3.8	3.1	3.1
25–44 years	6.6	7.0	11.0	8.1	6.6	6.3	6.0	6.2
45–64 years	10.6	10.9	13.0	9.6	7.7	6.7	6.9	7.3
65 years and over	9.9	8.8	8.5	6.4	6.8	5.7	4.3	4.1
Black or African American female⁴								
All ages, age adjusted ³	1.8	2.0	2.9	2.4	2.4	2.0	1.8	1.8
All ages, crude	1.5	1.6	2.6	2.2	2.3	2.0	1.7	1.7
15–24 years	1.8	*	3.8	2.3	2.3	2.2	2.2	1.3
25–44 years	2.3	3.0	4.8	4.3	3.8	3.3	2.6	2.6
45–64 years	2.7	3.1	2.9	2.5	2.9	2.0	2.1	2.6
65 years and over	*	*	2.6	*	1.9	2.1	1.3	1.6

See footnotes at end of table.

Table 46 (page 3 of 3). Death rates for suicide, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
American Indian or Alaska Native female ⁴								
All ages, age adjusted ³	---	---	---	4.7	3.6	3.9	3.8	4.0
All ages, crude	---	---	---	4.7	3.7	3.8	4.0	4.1
15–24 years	---	---	---	*	*	*	*	*
25–44 years	---	---	---	10.7	*	6.4	7.2	6.1
45–64 years	---	---	---	*	*	*	*	*
65 years and over	---	---	---	*	*	*	*	*
Asian or Pacific Islander female ⁴								
All ages, age adjusted ³	---	---	---	5.5	4.1	4.1	2.8	2.9
All ages, crude	---	---	---	4.7	3.4	3.7	2.7	2.8
15–24 years	---	---	---	*	3.9	4.8	2.7	3.6
25–44 years	---	---	---	5.4	3.8	3.6	3.3	2.9
45–64 years	---	---	---	7.9	5.0	4.7	3.2	3.8
65 years and over	---	---	---	*	8.5	8.6	5.2	4.9
Hispanic or Latino female ^{4,6}								
All ages, age adjusted ³	---	---	---	---	2.3	2.0	1.7	1.6
All ages, crude	---	---	---	---	2.2	1.8	1.5	1.5
15–24 years	---	---	---	---	3.1	2.4	2.0	2.3
25–44 years	---	---	---	---	3.1	2.5	2.1	2.0
45–64 years	---	---	---	---	2.5	2.8	2.5	2.3
65 years and over	---	---	---	---	*	*	*	*
White, not Hispanic or Latino female ⁶								
All ages, age adjusted ³	---	---	---	---	5.4	4.9	4.7	4.9
All ages, crude	---	---	---	---	5.6	5.1	4.9	5.0
15–24 years	---	---	---	---	4.3	4.0	3.3	3.3
25–44 years	---	---	---	---	7.0	6.6	6.7	6.9
45–64 years	---	---	---	---	8.0	6.9	7.3	7.8
65 years and over	---	---	---	---	7.0	5.8	4.4	4.3

... Category not applicable.

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

--- Data not available.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Starting with 1999 data, cause of death is coded according to ICD–10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

⁴The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁵In 1950 rate is for the age group 75 years and over.

⁶Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Figures for 2001 include September 11 related deaths for which death certificates were filed as of October 24, 2002. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. For the period 1980–98, causes were coded using ICD–9 codes that are most nearly comparable with the 113 cause list for ICD–10. See Appendix II, tables IV and updated V for new terrorism-related ICD–10 codes. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. For additional injury-related statistics, see www.cdc.gov/nncpc/wisqars, a Web-based interactive database for injury data. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. Washington: U.S. Government Printing Office. 1968; numerator data from National Vital Statistics System, annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/datawh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 47 (page 1 of 3). Death rates for firearm-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1970–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1970	1980	1990	1995	2000 ¹	2001
Deaths per 100,000 resident population						
All persons						
All ages, age adjusted ²	14.3	14.8	14.6	13.4	10.2	10.3
All ages, crude	13.1	14.9	14.9	13.5	10.2	10.4
Under 1 year	*	*	*	*	*	*
1–14 years	1.6	1.4	1.5	1.6	0.7	0.7
1–4 years	1.0	0.7	0.6	0.6	0.3	0.5
5–14 years	1.7	1.6	1.9	1.9	0.9	0.8
15–24 years	15.5	20.6	25.8	26.7	16.8	16.7
15–19 years	11.4	14.7	23.3	24.1	12.9	12.4
20–24 years	20.3	26.4	28.1	29.2	20.9	21.2
25–44 years	20.9	22.5	19.3	16.9	13.1	13.5
25–34 years	22.2	24.3	21.8	19.6	14.5	15.5
35–44 years	19.6	20.0	16.3	14.3	11.9	11.7
45–64 years	17.6	15.2	13.6	11.7	10.0	10.3
45–54 years	18.1	16.4	13.9	12.0	10.5	10.5
55–64 years	17.0	13.9	13.3	11.3	9.4	10.1
65 years and over	13.8	13.5	16.0	14.1	12.2	12.4
65–74 years	14.5	13.8	14.4	12.8	10.6	10.9
75–84 years	13.4	13.4	19.4	16.3	13.9	14.3
85 years and over	10.2	11.6	14.7	14.4	14.2	12.8
Male						
All ages, age adjusted ²	24.8	25.9	26.1	23.8	18.1	18.5
All ages, crude	22.2	25.7	26.2	23.6	17.8	18.2
Under 1 year	*	*	*	*	*	*
1–14 years	2.3	2.0	2.2	2.3	1.1	1.0
1–4 years	1.2	0.9	0.7	0.8	0.4	0.5
5–14 years	2.7	2.5	2.9	2.9	1.4	1.2
15–24 years	26.4	34.8	44.7	46.5	29.4	29.6
15–19 years	19.2	24.5	40.1	41.6	22.4	21.8
20–24 years	35.1	45.2	49.1	51.5	37.0	37.7
25–44 years	34.1	38.1	32.6	28.4	22.0	22.8
25–34 years	36.5	41.4	37.0	33.2	24.9	26.7
35–44 years	31.6	33.2	27.4	23.6	19.4	19.2
45–64 years	31.0	25.9	23.4	20.0	17.1	17.6
45–54 years	30.7	27.3	23.2	20.1	17.6	17.8
55–64 years	31.3	24.5	23.7	19.8	16.3	17.4
65 years and over	29.7	29.7	35.3	30.7	26.4	26.8
65–74 years	29.5	27.8	28.2	25.1	20.3	21.1
75–84 years	31.0	33.0	46.9	37.8	32.2	32.8
85 years and over	26.2	34.9	49.3	47.1	44.7	40.2
Female						
All ages, age adjusted ²	4.8	4.7	4.2	3.8	2.8	2.8
All ages, crude	4.4	4.7	4.3	3.8	2.8	2.8
Under 1 year	*	*	*	*	*	*
1–14 years	0.8	0.7	0.8	0.8	0.3	0.4
1–4 years	0.9	0.5	0.5	0.5	*	0.4
5–14 years	0.8	0.7	1.0	0.9	0.4	0.4
15–24 years	4.8	6.1	6.0	5.9	3.5	3.2
15–19 years	3.5	4.6	5.7	5.6	2.9	2.6
20–24 years	6.4	7.7	6.3	6.1	4.2	3.8
25–44 years	8.3	7.4	6.1	5.5	4.2	4.2
25–34 years	8.4	7.5	6.7	5.8	4.0	4.0
35–44 years	8.2	7.2	5.4	5.2	4.4	4.3
45–64 years	5.4	5.4	4.5	3.9	3.4	3.4
45–54 years	6.4	6.2	4.9	4.2	3.6	3.5
55–64 years	4.2	4.6	4.0	3.5	3.0	3.3
65 years and over	2.4	2.5	3.1	2.8	2.2	2.2
65–74 years	2.8	3.1	3.6	3.0	2.5	2.4
75–84 years	1.7	1.7	2.9	2.8	2.0	2.2
85 years and over	*	1.3	1.3	1.8	1.7	1.3
White male ³						
All ages, age adjusted ²	19.7	22.1	22.0	20.1	15.9	16.3
All ages, crude	17.6	21.8	21.8	19.9	15.6	16.2
1–14 years	1.8	1.9	1.9	1.9	1.0	0.9
15–24 years	16.9	28.4	29.5	30.8	19.6	19.5
25–44 years	24.2	29.5	25.7	23.2	18.0	18.9
25–34 years	24.3	31.1	27.8	25.2	18.1	19.9
35–44 years	24.1	27.1	23.3	21.2	17.9	18.0
45–64 years	27.4	23.3	22.8	19.5	17.4	18.3
65 years and over	29.9	30.1	36.8	32.2	28.2	28.6

See footnotes at end of table.

Table 47 (page 2 of 3). Death rates for firearm-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1970–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1970	1980	1990	1995	2000 ¹	2001
Deaths per 100,000 resident population						
Black or African American male³						
All ages, age adjusted ²	70.8	60.1	56.3	49.2	34.2	34.5
All ages, crude	60.8	57.7	61.9	52.9	36.1	36.4
1–14 years	5.3	3.0	4.4	4.4	1.8	1.6
15–24 years	97.3	77.9	138.0	138.7	89.3	90.3
25–44 years	126.2	114.1	90.3	70.2	54.1	54.8
25–34 years	145.6	128.4	108.6	92.3	74.8	77.7
35–44 years	104.2	92.3	66.1	46.3	34.3	33.2
45–64 years	71.1	55.6	34.5	28.3	18.4	17.2
65 years and over	30.6	29.7	23.9	21.8	13.8	14.9
American Indian or Alaska Native male³						
All ages, age adjusted ²	---	24.0	19.4	19.4	13.1	13.0
All ages, crude	---	27.5	20.5	20.9	13.2	12.9
15–24 years	---	55.3	49.1	40.9	26.9	24.3
25–44 years	---	43.9	25.4	31.2	16.6	18.8
45–64 years	---	*	*	14.2	12.2	9.6
65 years and over	---	*	*	*	*	*
Asian or Pacific Islander male³						
All ages, age adjusted ²	---	7.8	8.8	9.2	6.0	5.2
All ages, crude	---	8.2	9.4	10.0	6.2	5.4
15–24 years	---	10.8	21.0	24.3	9.3	9.6
25–44 years	---	12.8	10.9	10.6	8.1	6.6
45–64 years	---	10.4	8.1	8.2	7.4	5.7
65 years and over	---	*	*	*	*	5.3
Hispanic or Latino male^{3,4}						
All ages, age adjusted ²	---	---	27.6	23.8	13.6	13.7
All ages, crude	---	---	29.9	26.2	14.2	14.6
1–14 years	---	---	2.6	2.8	1.0	0.7
15–24 years	---	---	55.5	61.7	30.8	31.4
25–44 years	---	---	42.7	31.4	17.3	19.1
25–34 years	---	---	47.3	36.4	20.3	22.7
35–44 years	---	---	35.4	24.2	13.2	14.4
45–64 years	---	---	21.4	17.2	12.0	10.0
65 years and over	---	---	19.1	16.5	12.2	12.0
White, not Hispanic or Latino male⁴						
All ages, age adjusted ²	---	---	20.6	18.6	15.5	16.0
All ages, crude	---	---	20.4	18.5	15.7	16.3
1–14 years	---	---	1.6	1.6	1.0	1.0
15–24 years	---	---	24.1	23.5	16.2	16.0
25–44 years	---	---	23.3	21.4	17.9	18.6
25–34 years	---	---	24.7	22.5	17.2	18.9
35–44 years	---	---	21.6	20.4	18.4	18.4
45–64 years	---	---	22.7	19.5	17.8	19.0
65 years and over	---	---	37.4	32.5	29.0	29.4
White female³						
All ages, age adjusted ²	4.0	4.2	3.8	3.5	2.7	2.7
All ages, crude	3.7	4.1	3.8	3.5	2.7	2.7
15–24 years	3.4	5.1	4.8	0.7	0.3	2.7
25–44 years	6.9	6.2	5.3	4.5	2.8	3.9
45–64 years	5.0	5.1	4.5	4.0	3.5	3.7
65 years and over	2.2	2.5	3.1	2.8	2.4	2.3

See footnotes at end of table.

Table 47 (page 3 of 3). Death rates for firearm-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1970–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1970	1980	1990	1995	2000 ¹	2001
Deaths per 100,000 resident population						
Black or African American female³						
All ages, age adjusted ²	11.1	8.7	7.3	6.2	3.9	3.8
All ages, crude	10.0	8.8	7.8	6.5	4.0	3.8
15–24 years	15.2	12.3	13.3	13.2	0.5	6.1
25–44 years	19.4	16.1	12.4	9.8	7.6	6.9
45–64 years	10.2	8.2	4.8	4.1	6.5	2.6
65 years and over	4.3	3.1	3.1	2.6	3.1	1.4
American Indian or Alaska Native female³						
All ages, age adjusted ²	---	5.8	3.3	3.8	2.9	2.8
All ages, crude	---	5.8	3.4	4.1	2.9	2.9
15–24 years	---	*	*	*	*	*
25–44 years	---	10.2	*	7.0	5.5	5.0
45–64 years	---	*	*	*	*	*
65 years and over	---	*	*	*	*	*
Asian or Pacific Islander female³						
All ages, age adjusted ²	---	2.0	1.9	2.0	1.1	1.0
All ages, crude	---	2.1	2.1	2.1	1.2	1.1
15–24 years	---	*	*	3.9	*	*
25–44 years	---	3.2	2.7	2.7	1.5	1.5
45–64 years	---	*	*	*	*	*
65 years and over	---	*	*	*	*	*
Hispanic or Latino female^{3,4}						
All ages, age adjusted ²	---	---	3.3	3.1	1.8	1.7
All ages, crude	---	---	3.6	3.3	1.8	1.7
15–24 years	---	---	6.9	6.1	2.9	3.3
25–44 years	---	---	5.1	4.7	2.5	2.5
45–64 years	---	---	2.4	2.4	2.2	1.6
65 years and over	---	---	*	*	*	*
White, not Hispanic or Latino female⁴						
All ages, age adjusted ²	---	---	3.7	3.4	2.8	2.8
All ages, crude	---	---	3.7	3.5	2.9	2.9
15–24 years	---	---	4.3	4.1	2.7	2.5
25–44 years	---	---	5.1	4.8	4.2	4.1
45–64 years	---	---	4.6	4.1	3.6	3.8
65 years and over	---	---	3.2	2.8	2.4	2.4

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

--- Data not available.

¹Starting with 1999 data, cause of death is coded according to ICD-10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

²Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

³The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native and Asian or Pacific Islander populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

⁴Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. See Appendix II, tables IV and V. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. For additional injury-related statistics, see www.cdc.gov/ncipc/wisqars, a Web-based interactive database for injury data. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; numerator data from annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/data/wh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.

Table 48. Deaths from selected occupational diseases for persons 15 years of age and over: United States, selected years 1980–2001

[Data are based on death certificates]

Cause of death ¹	1980	1985	1990	1995	1998	1999 ²	2000	2001
Underlying and nonunderlying cause of death	Number of mentions							
Angiosarcoma of liver ³	---	---	---	---	---	4	16	25
Malignant mesothelioma ⁴	699	715	874	897	1,064	2,485	2,531	2,508
Pneumoconiosis ⁵	4,151	3,783	3,644	3,151	2,790	2,739	2,859	2,743
Coal workers' pneumoconiosis	2,576	2,615	1,990	1,413	1,103	1,002	949	886
Asbestosis	339	534	948	1,169	1,221	1,259	1,486	1,449
Silicosis	448	334	308	242	178	185	151	163
Other (including unspecified)	814	321	413	343	311	310	290	260
Underlying cause of death	Number of deaths							
Angiosarcoma of liver ³	---	---	---	---	---	3	15	22
Malignant mesothelioma ⁴	531	573	725	780	935	2,343	2,384	2,371
Pneumoconiosis	1,581	1,355	1,335	1,117	1,099	1,081	1,142	1,110
Coal workers' pneumoconiosis	982	958	734	533	421	409	389	367
Asbestosis	101	139	302	355	458	449	558	550
Silicosis	207	143	150	114	93	102	71	82
Other (including unspecified)	291	115	149	115	127	121	124	111

--- Data not available.

¹Cause-of-death titles for selected occupational diseases and corresponding code numbers according to the Ninth and Tenth Revisions, *International Classification of Diseases*. See Appendix II, table IV.

Cause of death	ICD-9 code	ICD-10 code
Angiosarcoma of liver	---	C22.3
Malignant mesothelioma	158.8, 158.9, 163	C45
Pneumoconiosis	500-505	J60-J66
Coal workers' pneumoconiosis	500	J60
Asbestosis	501	J61
Silicosis	502	J62
Other (including unspecified)	503-505	J63-J66

²Starting with 1999 data, cause of death is coded according to ICD-10. See Appendix II, *International Classification of Diseases* (ICD). Discontinuities exist between 1998 and 1999 due to ICD-10 coding and classification changes. Caution should be exercised in interpreting trends for these causes, especially for those causes with major ICD-10 changes (e.g., malignant mesothelioma).

³Prior to 1999 there was no discrete code for this condition.

⁴Prior to 1999 the combined ICD-9 categories of malignant neoplasm of peritoneum and malignant neoplasm of pleura served as a crude surrogate for malignant mesothelioma under ICD-10.

⁵For underlying and nonunderlying cause of death, counts for pneumoconiosis subgroups may sum to slightly more than total pneumoconiosis due to the reporting of more than one type of pneumoconiosis on some death certificates.

NOTES: See Appendix I, National Vital Statistics System, Multiple Cause of Death File for information about tabulating cause of death data in this table. Selection of occupational diseases is based on definitions in Mullan RJ, Murthy LI. Occupational sentinel health events: An updated list for physician recognition and public health surveillance. *Am J Ind Med* 19:775-799, 1991. For more detailed information about pneumoconiosis deaths, see *Work-Related Lung Disease Surveillance Report 2002*, DHHS (NIOSH) Publication Number 2003-111 at www.cdc.gov/niosh/docs/2003-111/2003-111.html. Data for additional years are available. See Appendix III.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; annual mortality files for underlying and multiple cause of death.

Table 51 (page 1 of 2). Healthy People 2010 Leading Health Indicators: United States, selected years 1990–2002 and 2010 target

[Data are based on interviews and examinations of samples of the civilian noninstitutionalized population or special population subgroups; information from death certificates and birth certificates; and air quality measurements]

Leading Health Indicators, measures, and Healthy People 2010 objective numbers	1990	1995	1998	1999	2000	2001	2002	2010 Target
Physical activity								
1a. Adolescents in grades 9–12: percent who engaged in 20 minutes or more of vigorous activity 3 or more days per week (obj 22–07)	---	64	---	65	---	65	---	85
1b. Adults age 18 years and over: age-adjusted percent who engaged in moderate activity (at least 30 minutes, 5 days per week) or vigorous activity (at least 20 minutes, 3 days per week) (obj 22–02) ¹	---	---	30	30	32	32	33	50
Overweight and obesity²								
2a. Overweight or obese children and adolescents, age 6–19 years: percent who are at or above the sex- and age-specific 95th percentile of Body Mass Index (BMI) based on CDC Growth Charts: United States (obj 19–03c)	11	---	---	---	15	---	---	5
2b. Obese adults age 20 years and over: age-adjusted percent with BMI of 30 Kg/m ² or more (obj 19–02)	23	---	---	---	31	---	---	15
Tobacco use								
3a. Adolescents in grades 9–12: percent who smoked cigarettes one or more days in the past 30 days (obj 27–02b)	---	35	---	35	---	28	---	16
3b. Adults age 18 years and over: age-adjusted percent who smoked more than 100 cigarettes in their lifetime and now report smoking on some days or every day (obj 27–01a) ¹	25	25	24	23	23	23	22	12
Substance abuse³								
4a. Adolescents age 12–17 years: percent who reported no use of alcohol or illicit drugs in the past 30 days (obj 26–10a)	---	---	---	80	80	---	---	89
4b. Adults age 18 years and over: percent who reported illicit drug use in the past 30 days (obj 26–10c)	---	---	---	5.8	5.9	6.6	---	2.0
4c. Adults age 18 years and over: percent who reported binge drinking in the past 30 days (obj 26–11c)	---	---	---	21	22	22	---	6
Responsible sexual behavior								
5a. Adolescents in grades 9–12: percent who are not sexually active or sexually active and used condoms (obj 25–11)	---	83	---	85	---	86	---	95
5a1. Never had intercourse.	---	47	---	50	---	54	---	...
5a2. Used a condom at last intercourse.	---	21	---	21	---	19	---	...
5a3. No sexual intercourse in past 3 months	---	15	---	14	---	12	---	...
5b. Sexually active unmarried women age 18–44 years: percent who reported condom use by partners (obj 13–06a)	---	23	---	---	---	---	---	50
5c. New cases of gonorrhea per 100,000 population (obj 25–02) (supplemental measure)	277	149	132	132	129	129	---	19
Mental health								
6a. Adults age 18 years and over: percent with recognized depression who received treatment (obj 18–09b) ⁴	---	23	---	---	---	---	---	50
6b. Age-adjusted suicide rate per 100,000 standard population (obj 18–01) (supplemental measure) ^{5,6}	12.5	11.8	11.1	10.5	10.4	10.7	---	5.0
Injury and violence								
7a. Age-adjusted death rate for motor vehicle traffic-related injuries per 100,000 standard population (obj 15–15a) ^{5,7}	18.0	15.9	15.3	14.7	14.9	14.9	---	9.2
7b. Age-adjusted homicide rate per 100,000 standard population (obj 15–32) ^{5,6}	9.4	8.3	6.4	6.0	5.9	7.1	---	3.0

See footnotes at end of table.

Table 51 (page 2 of 2). Healthy People 2010 Leading Health Indicators: United States, selected years 1990–2002 and 2010 target

[Data are based on interviews and examinations of samples of the civilian noninstitutionalized population or special population subgroups; information from death certificates and birth certificates; and air quality measurements]

Leading Health Indicators, measures, and Healthy People 2010 objective numbers	1990	1995	1998	1999	2000	2001	2002	2010 Target
Environmental quality								
8a. Percent of population exposed to ozone above EPA standard (obj 08–01a)	---	---	43	43	43	41	---	0
8b. Persons age 4 years and over: age-adjusted percent of nonsmokers exposed to environmental tobacco smoke (obj 27–10) ²	88.1	---	---	---	53.9	---	---	45
8c. Persons under age 18 years: hospital admissions for asthma per 10,000 population (obj 01–09a) (supplemental measure)	---	---	---	25.5	---	21.4	---	17.3
Immunization								
9a. Children age 19–35 months: percent who received all DTaP, polio, MMR, Hib, and HepB vaccines (obj 14–24a)	---	---	73	73	73	74	75	80
9b. Adults age 65 years and over: age-adjusted percent who received influenza vaccine in the past 12 months (obj 14–29a) ¹	---	59	64	66	65	63	66	90
9c. Adults age 65 years and over: age-adjusted percent who ever received pneumococcal vaccine (obj 14–29b) ¹	---	35	46	50	53	54	55	90
Access to health care								
10a. Persons under age 65 years: age-adjusted percent with health insurance (obj 01–01) ^{1,8}	---	84	83	84	83	84	84	100
10b. Persons of all ages: age-adjusted percent with a specific source of ongoing primary care (obj 01–04a) ¹	---	87	87	86	87	88	88	96
10c. Pregnant women: percent who received prenatal care in the first trimester (obj 16–06a)	76	81	83	83	83	83	---	90

--- Data not available.

. . . Data not applicable.

¹Data for 1997 and later years are not strictly comparable with data for earlier years due to the 1997 questionnaire redesign. See Appendix I, NHIS. Data for 2002 are provisional.

²NHANES data for 1990 are for the period 1988–94. NHANES data for 2000 are for the period 1999–2000, and are based on a smaller sample size and therefore are subject to greater sampling error than the estimate for 1988–94.

³In a major redesign of the survey in 1999, the sample size, mode of administration, and survey content changed. Data are not shown for 1998 and earlier years because only limited comparisons can be made between data from the redesigned surveys (1999 onward) and data obtained from surveys prior to 1999. See Appendix I, NHSDA.

⁴Baseline year 1997 and baseline value 23 percent are shown in 1995.

⁵Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates.

⁶Figures for 2001 include September 11 related deaths for which death certificates were filed as of October 24, 2002. See updated Appendix II table V for new terrorism-related ICD–10 codes.

⁷Motor vehicle traffic-related injuries (ICD–9-E810-E819 prior to 1999; and for 1999 and later years ICD–10-V02-V04(1..9), V09.2, V12-V14(3–9), V19(4–6), V20-V28(3–9), V29(4–9), V30-V39(4–9), V40-V49(4–9), V50-V59(4–9), V60-V69(4–9), V70-V79(4–9), V80(3–5), V81.1, V82.1, V83-V86(0–3), V87(0–8), V89.2) are a subset of data in tables 29 and 44 for motor vehicle-related injuries. (For ICD–10 codes, parenthetical digits apply to each preceding alphanumeric in the range.)

⁸See Appendix II, Health insurance coverage, for a discussion of changes in measurement of this variable.

NOTES: Additional information on specific measures is presented in the following tables: measure 3b (table 59); measure 5c (table 52); measure 6b (table 46); measure 7b (table 45); measure 10a (table 130); measure 10c (table 6). Additional information related to other measures is presented in the following tables: measure 2a (table 69); measure 2b (table 68); measures 4a and 4c (table 62); measure 5b (table 17); measure 7a (table 44); measure 9a (tables 71 and 72); measure 10b (tables 74 and 76). Current data for Healthy People 2010 objectives can be obtained from the DATA2010 Web site: wonder.cdc.gov/data2010. Data for additional years are available. See Appendix III.

SOURCES: Youth Risk Behavior Surveillance System (YRBSS), CDC, NCCDPHP: measures 1a, 3a, and 5a; National Health Interview Survey (NHIS), CDC, NCHS: measures 1b, 3b, 9b, 9c, 10a, and 10b; National Health and Nutrition Examination Survey (NHANES), CDC, NCHS: measures 2a, 2b, and 8b; National Household Survey on Drug Abuse (NHSDA), SAMHSA: measures 4a, 4b, 4c, and 6a; National Survey of Family Growth (NSFG), CDC, NCHS: measure 5b; Sexually Transmitted Diseases (STD) Surveillance System, CDC, NCHSTP: measure 5c; National Vital Statistics System (NVSS), CDC, NCHS: measures 6b, 7a, 7b, 10c; Aerometric Information Retrieval System (AIRS), EPA, OAR: measure 8a; Healthcare Cost and Utilization Project (HCUP), AHRQ: measure 8c; National Immunization Survey (NIS), CDC, NIP and NCHS: measure 9a.

Table 54 (page 1 of 3). Age-adjusted cancer incidence rates for selected cancer sites, according to sex, race, and Hispanic origin: Selected geographic areas, 1990–2000

[Data are based on the Surveillance, Epidemiology, and End Results (SEER) Program's 12 population-based cancer registries]

Site, sex, race, and Hispanic origin	1990	1994	1995	1996	1997	1998	1999	2000	1990–2000 EAPC ¹
All sites									
Number of new cases per 100,000 population ²									
All persons	477.2	475.8	470.9	471.9	476.9	476.9	474.5	461.6	^–0.5
White	484.4	480.8	476.8	478.3	483.6	485.1	482.6	469.7	^–0.5
Black or African American	515.7	540.7	532.6	528.0	531.8	521.6	522.1	506.2	–0.5
American Indian or Alaska Native	262.9	261.1	271.1	250.3	269.5	244.8	243.4	197.0	^–2.1
Asian or Pacific Islander	337.2	347.2	340.5	336.8	348.1	341.0	343.1	339.2	–0.2
Hispanic or Latino	342.2	358.4	358.6	353.9	348.1	360.4	356.6	342.1	–0.1
White, not Hispanic or Latino	492.2	489.1	486.1	489.3	494.5	492.3	493.2	480.1	^–0.4
Male	584.3	578.2	561.7	559.6	561.3	556.4	557.3	544.6	^–1.4
White	590.6	576.9	560.1	560.4	560.1	557.1	557.5	544.7	^–1.5
Black or African American	689.1	741.5	727.1	704.9	713.0	696.7	693.2	677.3	^–1.0
American Indian or Alaska Native	311.1	305.5	322.8	269.6	311.9	252.3	277.4	193.0	^–3.5
Asian or Pacific Islander	388.5	412.4	397.4	387.9	399.5	383.8	394.0	394.5	–0.6
Hispanic or Latino	404.0	441.0	436.8	427.6	416.4	424.3	422.3	406.8	–0.5
White, not Hispanic or Latino	599.0	582.0	566.1	567.4	566.4	558.8	563.2	550.9	^–1.5
Female	414.0	409.4	412.3	415.3	422.3	426.0	420.2	406.2	0.1
White	423.9	420.1	424.8	426.8	435.9	440.7	434.7	421.0	0.2
Black or African American	406.5	409.4	402.5	411.7	412.0	407.9	409.4	391.5	–0.1
American Indian or Alaska Native	230.7	229.6	237.8	240.0	241.3	241.4	222.3	205.9	–0.7
Asian or Pacific Islander	297.1	298.3	299.0	300.3	312.0	312.4	308.7	301.1	^0.4
Hispanic or Latino	308.9	309.3	311.3	310.0	306.6	322.0	317.7	304.9	0.2
White, not Hispanic or Latino	430.7	430.0	435.8	440.0	449.6	451.4	448.4	433.2	^0.4
Lung and bronchus									
Male	95.4	87.4	87.0	84.3	82.6	82.9	79.2	75.3	^–2.2
White	94.6	86.8	85.2	82.8	80.9	81.9	77.8	73.8	^–2.2
Black or African American	134.8	122.7	136.7	128.7	125.8	122.8	117.6	108.1	^–2.8
Asian or Pacific Islander	64.4	60.6	60.4	61.2	62.6	61.2	62.1	63.1	–0.6
Hispanic or Latino	58.6	49.9	52.1	47.9	46.6	49.9	43.0	43.5	^–2.4
White, not Hispanic or Latino	95.2	87.5	85.6	84.3	81.7	82.8	79.3	74.8	^–2.1
Female	47.4	49.1	49.3	50.2	50.3	50.8	49.8	47.2	0.2
White	48.7	50.7	51.7	52.4	52.9	53.0	51.8	49.2	0.4
Black or African American	53.4	55.8	50.4	54.2	50.7	57.1	58.1	53.6	0.4
Asian or Pacific Islander	28.4	29.3	27.8	27.9	29.7	28.4	28.8	27.4	0.1
Hispanic or Latino	24.8	22.5	24.2	25.4	25.2	25.6	23.6	22.6	–0.7
White, not Hispanic or Latino	49.8	52.6	54.0	54.6	55.3	54.7	54.3	50.9	0.6
Colon and rectum									
Male	72.4	65.5	63.0	64.5	66.2	65.6	63.4	61.6	^–1.3
White	73.1	65.5	62.5	64.8	66.0	65.4	63.4	61.0	^–1.4
Black or African American	73.1	72.7	73.0	67.5	73.7	76.1	72.9	71.4	–0.5
Asian or Pacific Islander	61.4	58.1	58.3	56.8	59.7	57.6	54.5	57.6	^–0.6
Hispanic or Latino	45.6	46.8	45.4	50.5	50.1	51.3	49.5	48.1	0.6
White, not Hispanic or Latino	74.4	66.2	63.0	65.1	65.6	65.8	64.8	61.9	^–1.4
Female	50.3	46.5	45.9	45.9	47.1	48.5	46.6	45.3	^–0.7
White	49.8	45.9	45.5	45.6	47.0	48.1	45.8	44.8	^–0.7
Black or African American	61.1	56.9	54.8	53.8	57.5	55.9	57.0	56.5	–0.4
Asian or Pacific Islander	38.3	39.0	38.6	39.4	35.6	41.0	40.6	37.4	–0.5
Hispanic or Latino	32.4	33.4	32.7	32.2	31.9	33.5	33.9	32.7	0.4
White, not Hispanic or Latino	50.8	47.0	46.0	46.8	48.3	49.4	46.9	46.1	^–0.6
Prostate									
Male	166.6	176.9	165.3	165.0	169.9	166.7	176.5	172.0	–2.1
White	168.0	170.1	159.7	160.2	164.6	160.3	170.5	165.8	^–2.5
Black or African American	218.8	298.3	271.2	266.5	269.5	273.0	274.6	275.9	–0.5
American Indian or Alaska Native	84.0	59.1	66.0	75.4	71.4	50.6	52.5	24.2	^–7.8
Asian or Pacific Islander	89.5	112.6	104.0	94.4	97.7	94.2	106.0	106.6	–1.0
Hispanic or Latino	114.8	147.8	137.4	133.4	136.2	138.1	140.4	137.2	0.0
White, not Hispanic or Latino	169.6	169.1	159.9	160.5	164.7	157.1	169.3	165.0	^–2.7
Breast									
Female	129.3	128.5	130.5	131.7	135.2	138.1	137.0	132.9	^0.6
White	134.3	134.1	136.0	136.7	140.8	144.1	143.3	139.1	^0.7
Black or African American	116.7	121.1	122.3	122.2	123.1	121.4	122.1	119.8	^0.4
American Indian or Alaska Native	46.8	59.3	63.6	75.8	57.1	55.7	52.0	52.2	–0.7
Asian or Pacific Islander	87.1	80.9	87.5	90.5	99.5	101.1	99.7	94.7	^1.9
Hispanic or Latino	84.5	85.9	88.6	89.8	84.7	91.0	91.2	92.0	^0.9
White, not Hispanic or Latino	138.6	140.6	142.0	144.0	148.2	151.4	151.7	146.3	^0.9

See footnotes at end of table.

Table 54 (page 2 of 3). Age-adjusted cancer incidence rates for selected cancer sites, according to sex, race, and Hispanic origin: Selected geographic areas, 1990–2000

[Data are based on the Surveillance, Epidemiology, and End Results (SEER) Program's 12 population-based cancer registries]

Site, sex, race, and Hispanic origin	1990	1994	1995	1996	1997	1998	1999	2000	1990–2000 EAPC ¹
Cervix uteri									
Number of new cases per 100,000 population ²									
Female	11.9	10.5	9.9	10.6	9.8	9.8	9.2	8.7	^–2.4
White	11.2	9.9	9.2	9.9	9.2	9.3	9.0	8.7	^–2.2
Black or African American	16.2	13.5	14.3	13.6	13.0	12.4	12.7	10.6	^–3.1
Asian or Pacific Islander	12.1	14.4	11.0	12.9	11.1	10.9	8.3	8.2	^–3.4
Hispanic or Latino	21.1	20.0	18.0	18.3	16.0	15.7	17.1	16.9	^–2.7
White, not Hispanic or Latino	9.5	8.2	7.7	8.3	7.8	7.9	7.4	6.7	^–2.4
Corpus uteri									
Female	24.7	24.4	24.9	24.4	25.3	24.9	24.5	23.5	–0.1
White	26.4	25.8	26.3	25.8	26.9	26.5	26.0	25.2	–0.1
Black or African American	17.0	17.9	17.9	19.1	17.9	18.2	17.8	16.6	0.5
Asian or Pacific Islander	13.2	15.8	17.9	16.6	17.8	17.1	17.5	16.5	^1.9
Hispanic or Latino	16.2	15.7	16.7	15.8	17.1	18.1	16.6	15.1	0.2
White, not Hispanic or Latino	27.0	27.2	27.4	27.0	27.8	27.3	26.8	26.2	0.0
Ovary									
Female	17.9	16.9	17.3	16.8	16.9	16.8	16.9	16.3	^–0.8
White	18.9	17.8	18.4	18.1	18.0	17.9	18.1	17.5	^–0.7
Black or African American	12.9	13.9	12.6	10.9	12.0	12.6	12.2	12.0	–0.4
Asian or Pacific Islander	12.8	11.7	12.4	11.8	13.2	12.1	12.6	11.7	–0.3
Hispanic or Latino	14.4	14.0	13.9	14.5	13.5	15.5	13.3	13.5	–0.5
White, not Hispanic or Latino	19.6	18.4	18.8	18.5	18.4	17.9	18.7	17.9	^–0.8
Oral cavity and pharynx									
Male	19.1	17.7	16.9	17.4	16.9	16.4	15.2	15.5	^–2.1
White	18.7	17.2	16.8	17.0	16.7	16.2	15.0	15.3	^–2.1
Black or African American	26.1	24.0	22.4	23.3	19.8	21.5	19.3	19.0	^–2.6
Asian or Pacific Islander	15.2	14.2	11.9	14.3	14.7	13.1	11.0	13.3	–1.2
Hispanic or Latino	11.0	11.4	12.8	11.1	10.3	10.1	9.9	8.4	^–2.3
White, not Hispanic or Latino	19.2	17.8	16.7	17.4	17.3	16.6	15.8	15.9	^–2.0
Female	7.3	6.8	7.0	6.9	6.9	6.6	6.2	6.1	^–1.6
White	7.4	6.8	7.0	6.8	6.8	6.7	6.1	6.1	^–1.7
Black or African American	6.3	7.1	6.7	7.3	7.1	6.5	5.9	5.3	–1.4
Asian or Pacific Islander	6.1	5.6	5.2	5.7	6.5	4.5	6.4	5.9	–0.7
Hispanic or Latino	3.6	4.7	3.8	3.7	3.8	3.4	4.5	3.7	–0.1
White, not Hispanic or Latino	7.7	7.0	7.3	7.3	7.2	7.2	6.2	6.3	^–1.7
Stomach									
Male	14.7	14.3	13.6	13.8	13.4	12.8	12.8	12.5	^–1.8
White	12.9	12.4	12.0	11.9	11.3	11.0	11.1	10.5	^–1.9
Black or African American	21.9	23.3	18.5	22.5	21.9	20.4	16.7	18.5	^–2.1
Asian or Pacific Islander	26.9	24.5	24.0	23.8	24.7	21.2	22.7	22.7	^–2.3
Hispanic or Latino	19.7	22.6	19.4	17.2	19.0	19.1	19.4	15.8	–1.5
White, not Hispanic or Latino	12.0	11.2	10.9	11.1	10.1	9.7	9.7	9.7	^–2.3
Female	6.7	6.2	6.2	6.1	6.2	6.4	6.5	6.0	^–0.9
White	5.7	5.0	5.2	5.1	4.9	5.2	5.4	4.9	^–1.4
Black or African American	9.9	10.1	9.9	9.3	11.0	10.9	10.1	8.3	–0.4
Asian or Pacific Islander	15.5	15.1	13.1	13.7	12.3	12.8	12.3	13.1	^–2.4
Hispanic or Latino	10.8	8.6	11.1	10.0	10.1	10.7	9.3	10.0	–1.0
White, not Hispanic or Latino	5.0	4.4	4.4	4.3	4.1	4.3	4.7	4.0	^–2.0
Pancreas									
Male	13.1	13.0	12.7	12.6	12.9	12.9	12.4	12.3	–0.4
White	12.7	12.4	12.4	12.3	12.5	12.9	12.2	12.0	–0.3
Black or African American	19.7	19.1	18.9	19.1	18.2	17.1	18.1	17.7	–0.7
Asian or Pacific Islander	11.2	14.2	10.5	10.6	12.2	10.3	9.1	10.7	–1.3
Hispanic or Latino	10.9	10.0	12.4	11.2	11.9	9.7	9.3	11.0	–0.2
White, not Hispanic or Latino	12.4	12.6	12.1	12.1	12.5	13.0	12.6	12.0	0.0
Female	10.1	9.9	10.0	10.0	10.1	10.0	9.5	9.4	^–0.5
White	9.8	9.7	9.6	9.7	9.6	9.8	9.3	9.2	^–0.5
Black or African American	13.0	15.1	15.7	15.1	16.9	13.8	13.3	12.3	–1.3
Asian or Pacific Islander	10.1	6.9	8.1	7.9	8.4	8.6	8.5	9.1	0.4
Hispanic or Latino	9.7	9.6	8.7	9.0	9.6	9.6	9.8	8.5	–0.6
White, not Hispanic or Latino	9.6	9.4	9.6	9.7	9.3	9.7	8.9	9.1	^–0.5

See footnotes at end of table.

Table 54 (page 3 of 3). Age-adjusted cancer incidence rates for selected cancer sites, according to sex, race, and Hispanic origin: Selected geographic areas, 1990–2000

[Data are based on the Surveillance, Epidemiology, and End Results (SEER) Program's 12 population-based cancer registries]

Site, sex, race, and Hispanic origin	1990	1994	1995	1996	1997	1998	1999	2000	1990–2000 EAPC ¹
Urinary bladder									
Number of new cases per 100,000 population ²									
Male	37.2	36.0	35.2	35.6	35.7	36.6	36.1	36.1	^–0.3
White	40.6	39.5	38.6	39.1	39.3	40.3	39.6	39.7	–0.3
Black or African American	19.8	19.4	19.5	19.3	20.8	20.3	22.1	19.5	0.0
Asian or Pacific Islander	15.7	16.2	16.6	16.1	15.4	16.5	17.0	17.3	1.1
Hispanic or Latino	21.6	20.9	18.4	18.3	17.7	18.1	18.0	19.3	–1.0
White, not Hispanic or Latino	41.7	40.2	39.7	40.6	40.7	41.4	41.0	40.6	–0.3
Female	9.5	9.1	9.3	9.0	9.3	9.0	9.3	8.9	^–0.4
White	9.9	9.8	10.0	9.8	9.9	9.7	9.9	9.7	–0.2
Black or African American	8.6	7.1	7.4	7.2	8.1	6.6	8.5	7.7	–0.6
Asian or Pacific Islander	5.3	3.9	4.6	3.9	5.3	4.8	4.2	4.3	–0.3
Hispanic or Latino	5.3	5.3	5.2	5.3	5.1	4.5	4.2	5.3	–1.1
White, not Hispanic or Latino	10.1	9.9	10.4	10.0	10.5	10.2	10.4	9.9	–0.1
Non-Hodgkin's lymphoma									
Male	22.7	24.7	25.0	24.6	23.8	22.7	23.7	22.6	0.0
White	23.7	25.7	26.1	25.7	24.6	23.8	24.7	23.9	0.0
Black or African American	17.8	20.3	21.3	18.9	22.9	17.0	17.8	16.4	–0.2
Asian or Pacific Islander	16.5	18.2	16.5	16.8	16.4	15.6	19.1	16.1	0.4
Hispanic or Latino	17.0	18.6	21.5	21.5	17.8	19.6	17.2	19.0	0.2
White, not Hispanic or Latino	24.5	26.6	26.9	26.4	25.0	24.5	25.7	24.0	–0.2
Female	14.5	15.3	15.1	15.1	15.9	16.0	15.8	15.3	^0.9
White	15.4	16.1	15.8	15.8	16.6	16.8	16.8	16.0	^0.9
Black or African American	10.4	8.7	10.0	11.4	11.9	12.4	10.6	11.5	^2.0
Asian or Pacific Islander	9.2	12.4	11.9	9.5	11.1	11.3	11.2	11.4	1.4
Hispanic or Latino	13.2	13.7	12.4	13.5	14.0	13.2	13.3	12.4	0.5
White, not Hispanic or Latino	15.4	16.2	16.1	15.9	16.8	17.1	17.0	16.1	^0.9
Leukemia									
Male	17.0	16.3	17.3	16.2	16.4	16.3	15.5	14.6	^–1.1
White	17.8	17.3	18.6	17.0	17.6	17.2	16.3	15.4	^–1.1
Black or African American	15.4	11.6	12.7	13.5	13.3	13.2	12.7	12.5	–1.1
Asian or Pacific Islander	8.6	10.3	9.9	11.2	9.0	9.9	10.7	9.5	0.3
Hispanic or Latino	11.4	10.4	15.3	12.2	11.8	11.6	10.7	11.8	0.0
White, not Hispanic or Latino	17.7	17.6	18.9	17.0	17.7	17.3	16.4	15.2	^–1.1
Female	9.7	9.7	9.9	9.7	9.5	9.5	8.7	9.2	^–0.9
White	10.1	10.1	10.5	10.2	10.2	10.1	9.2	9.7	–0.7
Black or African American	8.3	7.7	8.0	8.1	7.7	7.4	7.3	8.6	–1.4
Asian or Pacific Islander	6.0	7.0	6.4	6.6	5.7	6.7	6.3	5.9	–0.5
Hispanic or Latino	8.3	8.2	8.2	7.1	8.1	8.0	7.4	7.2	–0.6
White, not Hispanic or Latino	10.0	9.8	10.3	10.1	10.1	9.8	9.0	9.2	^–0.9

¹ Estimated annual percent change (EAPC) is significantly different from 0 (p<0.05).

² EAPC has been calculated by fitting a linear regression model to the natural logarithm of the yearly rates from 1990–2000.

³ Age adjusted by 5-year age groups to the year 2000 U.S. standard population. See Appendix II, Age adjustment.

NOTES: Estimates are based on 12 SEER areas November 2002 submission and differ from published estimates based on 9 SEER areas or other submission dates. Estimates for Hispanic population exclude data from Alaska, Detroit, and Hawaii. See Appendix I, SEER. Numbers have been revised and differ from previous editions of *Health, United States*. The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Conversely, persons of Hispanic origin may be of any race. Estimates for American Indian or Alaska Native are not shown for some sites because of the small number of annual cases.

SOURCE: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results (SEER) Program at www.seer.cancer.gov.

Table 62 (page 1 of 2). Use of selected substances in the past month by persons 12 years of age and over, according to age, sex, race, and Hispanic origin: United States, 2002

[Data are based on household interviews of a sample of the civilian noninstitutionalized population 12 years of age and over]

<i>Age, sex, race, and Hispanic origin</i>	<i>Any illicit drug¹</i>	<i>Marijuana</i>	<i>Nonmedical use of any psychotherapeutic drug²</i>
	<i>2002</i>	<i>2002</i>	<i>2002</i>
	Percent of population		
12 years and over	8.3	6.2	2.6
Age			
12–13 years	4.2	1.4	1.7
14–15 years	11.2	7.6	4.0
16–17 years	19.8	15.7	6.2
18–25 years	20.2	17.3	5.4
26–34 years	10.5	7.7	3.6
35 years and over	4.6	3.1	1.6
Sex			
Male	10.3	8.1	2.7
Female	6.4	4.4	2.6
Age and sex			
12–17 years	11.6	8.2	4.0
Male	12.3	9.1	3.6
Female	10.9	7.2	4.3
Hispanic origin and race ³			
Not Hispanic or Latino:			
White only	8.5	6.5	2.8
Black or African American only	9.7	7.4	2.0
American Indian and Alaska Native only	10.1	6.7	3.2
Native Hawaiian and Other Pacific Islander only	7.9	4.4	3.8
Asian only	3.5	1.8	0.7
2 or more races	11.4	9.0	3.5
Hispanic or Latino	7.2	4.3	2.9
	<i>Alcohol use</i>	<i>Binge alcohol use⁴</i>	<i>Heavy alcohol use⁵</i>
	<i>2002</i>	<i>2002</i>	<i>2002</i>
	Percent of population		
12 years and over	51.0	22.9	6.7
Age			
12–13 years	4.3	1.8	0.3
14–15 years	16.6	9.2	1.9
16–17 years	32.6	21.4	5.6
18–25 years	60.5	40.9	14.9
26–34 years	61.4	33.1	9.0
35 years and over	52.1	18.6	5.2
Sex			
Male	57.4	31.2	10.8
Female	44.9	15.1	3.0
Age and sex			
12–17 years	17.6	10.7	2.5
Male	17.4	11.4	3.1
Female	17.9	9.9	1.9
Hispanic origin and race ³			
Not Hispanic or Latino:			
White only	55.0	23.4	7.5
Black or African American only	39.9	21.0	4.4
American Indian and Alaska Native only	44.7	27.9	8.7
Native Hawaiian and Other Pacific Islander only	*	25.2	8.3
Asian only	37.1	12.4	2.6
2 or more races	49.9	19.8	7.5
Hispanic or Latino	42.8	24.8	5.9

See footnotes at end of table.

Table 62 (page 2 of 2). Use of selected substances in the past month by persons 12 years of age and over, according to age, sex, race, and Hispanic origin: United States, 2002

[Data are based on household interviews of a sample of the civilian noninstitutionalized population 12 years of age and over]

Age, sex, race, and Hispanic origin	Any tobacco ⁶	Cigarettes	Cigars
	2002	2002	2002
	Percent of population		
12 years and over	30.4	26.0	5.4
Age			
12–13 years	3.8	3.2	0.7
14–15 years	13.4	11.2	3.8
16–17 years	29.0	24.9	9.3
18–25 years	45.3	40.8	11.0
26–34 years	38.2	32.7	5.3
35 years and over	27.9	23.4	4.1
Sex			
Male	37.0	28.7	9.4
Female	24.3	23.4	1.7
Age and sex			
12–17 years	15.2	13.0	4.5
Male	16.0	12.3	6.2
Female	14.4	13.6	2.7
Hispanic origin and race ³			
Not Hispanic or Latino:			
White only	32.0	26.9	5.5
Black or African American only	28.8	25.3	6.8
American Indian and Alaska Native only	44.3	37.1	5.2
Native Hawaiian and Other Pacific Islander only	28.8	*	4.1
Asian only	18.6	17.7	1.1
2 or more races	38.1	35.0	5.5
Hispanic or Latino	25.2	23.0	5.0

* Estimates are considered unreliable; relative standard error greater than 17.5 percent of the log transformation of the proportion or minimum effective sample size less than 68 or minimum nominal sample size less than 100 or prevalence close to 0 or 100 percent. See Appendix I, National Survey on Drug Use & Health (NSDUH).

¹Any illicit drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens (including LSD and PCP), inhalants, or any prescription-type psychotherapeutic drug used nonmedically.

²Psychotherapeutic drugs include prescription-type pain relievers, tranquilizers, stimulants, or sedatives; does not include over-the-counter drugs.

³Persons of Hispanic origin may be of any race. Race and Hispanic origin were collected using the 1997 Standards for Federal data on Race and Ethnicity. Single race categories shown include persons who reported only one racial group. The category 2 or more races includes persons who reported more than one racial group. See Appendix II, Race.

⁴Binge alcohol use is defined as drinking five or more drinks on the same occasion on at least 1 day in the past 30 days. Occasion is defined as at the same time or within a couple of hours of each other.

⁵Heavy alcohol use is defined as drinking five or more drinks on the same occasion on each of 5 or more days in the past 30 days; all heavy alcohol users are also "binge" alcohol users.

⁶Any tobacco product includes cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

NOTES: The National Survey on Drug Use & Health (NSDUH), formerly called the National Household Survey on Drug Abuse (NHSDA), began a new baseline in 2002 and cannot be compared with previous years. Because of methodological differences among the National Survey on Drug Use & Health, Monitoring the Future Study (MTF), and Youth Risk Behavior Survey (YRBS), rates of substance use measured by these surveys are not directly comparable. See Appendix I, NSDUH, MTF, and YRBS.

SOURCE: Substance Abuse and Mental Health Services Administration, Office of Applied Studies, National Survey on Drug Use & Health, www.drugabusestatistics.samhsa.gov/.

Table 66. Hypertension among persons 20 years of age and over, according to sex, age, race, and Hispanic origin: United States, 1988–94 and 1999–2000

[Data are based on physical examinations of a sample of the civilian noninstitutionalized population]

<i>Sex, age, race, and Hispanic origin</i> ¹	<i>1988–94</i>	<i>1999–2000</i>
20–74 years, age adjusted ²		
Percent of population (standard error) ³		
Both sexes ^{4,5}	21.7 (0.6)	25.6 (1.3)
Male	23.4 (0.9)	25.9 (1.7)
Female ⁴	20.0 (0.6)	25.2 (1.4)
Not Hispanic or Latino:		
White only, male	22.6 (1.1)	24.8 (1.9)
White only, female ⁴	18.4 (0.7)	22.6 (1.7)
Black or African American only, male	34.3 (1.1)	34.8 (2.4)
Black or African American only, female ⁴	34.9 (0.9)	38.6 (2.1)
Mexican male	23.4 (1.1)	24.2 (2.1)
Mexican female ⁴	20.9 (1.0)	23.8 (1.8)
20 years and over, age adjusted ²		
Both sexes ^{4,5}	25.5 (0.6)	29.8 (1.2)
Male	26.4 (0.9)	29.2 (1.6)
Female ⁴	24.4 (0.6)	29.9 (1.4)
Not Hispanic or Latino:		
White only, male	25.6 (1.1)	28.2 (1.7)
White only, female ⁴	22.9 (0.7)	27.6 (1.6)
Black or African American only, male	37.5 (1.2)	38.6 (2.2)
Black or African American only, female ⁴	38.2 (0.9)	42.4 (2.0)
Mexican male	26.9 (1.1)	28.0 (2.1)
Mexican female ⁴	25.0 (0.9)	28.0 (1.7)
20 years and over, crude		
Both sexes ^{4,5}	24.1 (0.8)	28.9 (1.3)
Male	23.8 (1.0)	27.4 (1.5)
Female ⁴	24.4 (0.8)	30.3 (1.5)
Not Hispanic or Latino:		
White only, male	24.3 (1.2)	28.1 (1.6)
White only, female ⁴	24.6 (1.1)	30.1 (1.9)
Black or African American only, male	31.1 (1.3)	32.7 (2.6)
Black or African American only, female ⁴	32.3 (1.2)	38.1 (3.0)
Mexican male	16.4 (1.1)	19.3 (2.1)
Mexican female ⁴	15.9 (0.7)	19.9 (2.1)
Male		
20–34 years	7.1 (0.8)	*9.8 (2.1)
35–44 years	17.1 (1.9)	17.1 (2.8)
45–54 years	29.2 (2.1)	32.3 (3.0)
55–64 years	40.6 (2.3)	44.1 (3.9)
65–74 years	54.4 (2.8)	59.9 (4.0)
75 years and over	60.4 (2.2)	68.8 (3.4)
Female ⁴		
20–34 years	2.9 (0.6)	*
35–44 years	11.2 (1.1)	16.0 (2.5)
45–54 years	23.9 (2.0)	30.5 (3.4)
55–64 years	42.5 (2.3)	53.0 (3.1)
65–74 years	56.1 (1.7)	70.3 (3.5)
75 years and over	73.5 (1.8)	84.1 (2.7)

* Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error (RSE) of 20–30 percent. Data not shown have a RSE of greater than 30 percent.

¹Persons of Mexican origin may be of any race. Starting with data year 1999 race-specific estimates are tabulated according to 1997 Standards for Federal data on Race and Ethnicity and are not strictly comparable with estimates for earlier years. The two non-Hispanic race categories shown in the table conform to 1997 Standards. The 1999–2000 race-specific estimates are for persons who reported only one racial group. Prior to data year 1999, data were tabulated according to 1977 Standards. Estimates for single race categories prior to 1999 included persons who reported one race or, if they reported more than one race, identified one race as best representing their race. The effect of the 1997 Standard on the 1999–2000 estimates can be seen by comparing 1999–2000 data tabulated according to the two Standards: Estimates based on the 1977 Standards of the percent of the population 20–74 years, age adjusted, with hypertension are: 0.1 percentage points higher for white males; 0.1 percentage points lower for white females; 0.2 percentage points higher for black males; and 0.1 percentage points higher for black females than estimates based on the 1997 Standards. See Appendix II, Race.

²Age adjusted to the 2000 standard population. 1988–94 estimates are age adjusted using five age groups; 1999–2000 estimates are age adjusted using three age groups (20–39, 40–59, and 60–74 or 60 years and over) due to a smaller sample size; however, use of three rather than five groups had virtually no effect on age-adjusted estimates. See Appendix II, Age adjustment.

³Standard errors of estimates are shown. 1999–2000 estimates are based on a smaller sample size than estimates for earlier time periods and therefore are subject to greater sampling error. ⁴Excludes pregnant women. ⁵Includes persons of all races and Hispanic origins, not just those shown separately.

NOTES: A person with hypertension is defined by either having elevated blood pressure (systolic pressure of at least 140 mmHg or diastolic pressure of at least 90 mmHg) or taking antihypertensive medication. Percents are based on the average of blood pressure measurements taken. In 1999–2000, 90.3 percent of participants had 3 or more blood pressure readings. Data have been revised and differ from the previous edition of *Health, United States*. Estimates for persons 20 years and over are used for setting and tracking *Healthy People 2010* objectives.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Health and Nutrition Examination Survey.

Table 71 (page 1 of 2). Vaccinations of children 19–35 months of age for selected diseases, according to race, Hispanic origin, poverty status, and residence in metropolitan statistical area (MSA): United States, 1995–2002

[Data are based on telephone interviews of a sample of the civilian noninstitutionalized population supplemented by a survey of immunization providers for interview participants]

Vaccination and year	Race and Hispanic origin ¹							Poverty status		Location of residence			
	Not Hispanic or Latino							Inside MSA ²			Outside MSA ²		
	All	White	Black or African American	American Indian or Alaska Native	Asian ³	Native Hawaiian or Other Pacific Islander ³	2 or more races or Latino	Hispanic	Below poverty	At or above poverty		Central city	Remaining areas
Percent of children 19–35 months of age													
Combined series (4:3:1:3): ⁴													
1995	74	76	70	69	76	---	---	68	67	77	72	75	75
1997	76	79	73	73	71	---	---	73	71	79	74	78	77
1998	79	82	73	78	79	---	---	75	74	82	77	81	81
1999	78	81	74	75	77	---	---	75	73	81	77	79	80
2000	76	79	71	69	75	---	---	73	71	78	73	78	79
2001	77	79	71	76	77	---	---	77	72	79	75	78	79
2002	78	80	71	*	83	*	74	76	72	79	75	80	77
DTP/DT/DTaP (4 doses or more): ⁵													
1995	78	80	74	71	84	---	---	75	71	81	77	79	78
1997	82	84	77	80	80	---	---	78	76	84	80	83	81
1998	84	87	77	83	89	---	---	81	80	86	82	85	85
1999	83	86	79	80	87	---	---	80	79	85	82	84	83
2000	82	84	76	75	85	---	---	79	76	84	80	83	83
2001	82	84	76	77	84	---	---	83	77	84	81	83	82
2002	82	84	76	*	88	*	78	79	75	84	79	84	80
Polio (3 doses or more):													
1995	88	89	84	86	90	---	---	87	85	89	87	88	89
1997	91	92	89	90	89	---	---	90	89	92	90	91	92
1998	91	92	88	85	93	---	---	89	90	92	89	91	93
1999	90	90	87	88	90	---	---	89	87	91	89	90	90
2000	90	91	87	90	93	---	---	88	87	90	88	90	91
2001	89	90	85	88	90	---	---	91	87	90	88	90	91
2002	90	91	87	*	92	95	87	90	88	91	89	91	90
Measles, Mumps, Rubella:													
1995	90	91	87	88	95	---	---	88	86	91	90	90	89
1997	90	91	89	92	90	---	---	88	86	92	90	91	91
1998	92	93	89	91	92	---	---	91	90	93	92	92	93
1999	92	92	90	92	93	---	---	90	90	92	91	92	90
2000	91	92	88	87	90	---	---	90	89	91	90	91	91
2001	91	92	89	94	90	---	---	92	89	92	91	92	91
2002	92	93	90	84	95	94	89	91	90	92	90	93	90
Hib (3 doses or more): ⁶													
1995	91	93	88	93	90	---	---	89	88	93	91	92	92
1997	93	94	91	86	89	---	---	90	90	94	91	93	94
1998	93	95	90	90	92	---	---	92	91	95	92	94	94
1999	94	95	92	91	90	---	---	92	91	95	92	95	93
2000	93	95	93	90	92	---	---	91	90	95	92	94	95
2001	93	94	90	91	92	---	---	93	90	94	91	94	93
2002	93	94	92	*	95	93	90	92	90	94	92	94	93
Hepatitis B (3 doses or more):													
1995	68	68	66	52	80	---	---	70	65	69	69	71	59
1997	84	85	82	83	88	---	---	81	81	85	82	85	85
1998	87	88	84	82	89	---	---	86	85	88	85	88	87
1999	88	89	87	*	88	---	---	87	87	89	87	89	88
2000	90	91	89	91	91	---	---	88	87	91	89	90	92
2001	89	90	85	86	90	---	---	90	87	90	88	90	89
2002	90	91	88	*	94	94	84	90	88	90	89	91	90
Varicella: ⁷													
1997	26	28	21	20	36	---	---	22	17	29	26	29	17
1998	43	42	42	28	53	---	---	47	41	44	45	45	34
1999	58	56	58	*	64	---	---	61	55	58	59	61	47
2000	68	66	67	62	77	---	---	70	64	69	69	70	60
2001	76	75	75	69	82	---	---	80	74	77	78	78	68
2002	81	79	83	71	87	*	79	82	79	81	81	83	75
PCV (3 doses or more): ⁸													
2002	41	44	34	33	55	*	38	37	33	43	41	45	32

See footnotes at end of table.

Table 71 (page 2 of 2). Vaccinations of children 19–35 months of age for selected diseases, according to race, Hispanic origin, poverty status, and residence in metropolitan statistical area (MSA): United States, 1995–2002

[Data are based on telephone interviews of a sample of the civilian noninstitutionalized population supplemented by a survey of immunization providers for interview participants]

Vaccination and year	Not Hispanic or Latino					
	White		Black or African American		Hispanic or Latino	
	Below poverty	At or above poverty	Below poverty	At or above poverty	Below poverty	At or above poverty
Percent of children 19–35 months of age						
Combined series (4:3:1:3): ⁴						
1995	69	78	70	73	63	72
1997	72	79	71	77	70	77
1998	77	83	72	74	73	79
1999	76	82	72	77	73	78
2000	73	80	69	72	70	74
2001	71	80	69	74	73	79
2002	72	81	68	72	75	76

--- Data not available.

* Estimates are considered unreliable. Percents not shown if the unweighted sample size for the numerator was less than 30 or relative standard error greater than 50 percent or confidence interval half width greater than 10 percentage points.

¹Persons of Hispanic origin may be of any race. Starting with data for 2002, estimates were tabulated using the 1997 Standards for Federal data on Race and Ethnicity. Estimates for earlier years were tabulated using the 1977 Standards Race and Ethnicity. See Appendix II, Race.

²Metropolitan statistical area.

³Prior to data year 2002 the category "Asian" included "Native Hawaiian and Other Pacific Islander."

⁴The 4:3:1:3 combined series consists of 4 or more doses of diphtheria and tetanus toxoids and pertussis vaccine (DTP), diphtheria and tetanus toxoids (DT), or diphtheria and tetanus toxoids and acellular pertussis vaccine (DTaP), 3 or more doses of any poliovirus vaccine, 1 or more doses of a measles-containing vaccine (MCV), and 3 or more doses of *Haemophilus influenzae* type b vaccine (Hib).

⁵Diphtheria and tetanus toxoids and pertussis vaccine, diphtheria and tetanus toxoids, and diphtheria and tetanus toxoids and acellular pertussis vaccine.

⁶*Haemophilus influenzae* type b vaccine (Hib).

⁷Recommended in 1996. Data collection for varicella began in July 1996.

⁸Pneumococcal conjugate vaccine. Recommended in 2000. Data collection for PCV began in July 2001.

NOTES: Final estimates from the National Immunization Survey include an adjustment for children with missing immunization provider data. Poverty status is based on family income and family size using Bureau of the Census poverty thresholds. Children missing information about poverty status were omitted from analysis by poverty level. In 2002, 12.6 percent of all children, 18.3 percent of Hispanic, 10.0 percent of non-Hispanic white, and 13.6 percent of non-Hispanic black children were missing information about poverty status and were omitted. See Appendix I, National Immunization Survey. Some data for previous years have been revised and differ from previous editions of *Health, United States*.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics and National Immunization Program, National Immunization Survey. Data are available on the CDC Web site at www.cdc.gov/nip/coverage/ and www.cdc.gov/nis/.

Table 72 (page 1 of 2). Vaccination coverage among children 19–35 months of age according to geographic division, State, and selected urban areas: United States, 1995–2002

[Data are based on telephone interviews of a sample of the civilian noninstitutionalized population supplemented by a survey of immunization providers for interview participants]

<i>Geographic division and State</i>	<i>1995</i>	<i>1996</i>	<i>1997</i>	<i>1998</i>	<i>1999</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>
	Percent of children 19–35 months of age with 4:3:1:3 series ¹							
United States	74	76	76	79	78	76	77	78
New England:								
Connecticut	86	88	86	90	86	85	84	86
Maine	88	86	87	86	83	83	82	83
Massachusetts	81	87	88	87	85	85	81	89
New Hampshire	89	83	85	82	85	83	84	87
Rhode Island	83	84	82	86	87	82	84	86
Vermont	87	87	87	86	91	83	88	87
Middle Atlantic:								
New Jersey	70	75	76	82	81	76	76	80
New York	74	80	75	85	81	75	81	81
Pennsylvania	77	79	79	83	86	78	82	77
East North Central:								
Illinois	78	75	74	78	77	75	76	80
Indiana	74	70	72	78	74	76	74	78
Michigan	68	75	75	78	74	75	74	84
Ohio	71	78	72	78	78	72	75	77
Wisconsin	74	77	81	78	85	80	83	82
West North Central:								
Iowa	83	81	77	82	83	83	79	80
Kansas	70	72	84	82	79	76	76	73
Minnesota	75	84	78	82	85	86	79	79
Missouri	75	75	79	85	75	78	78	77
Nebraska	71	78	74	76	82	79	80	79
North Dakota	79	80	80	79	80	81	83	79
South Dakota	79	81	77	74	82	78	79	81
South Atlantic:								
Delaware	68	81	80	79	78	75	79	81
District of Columbia	69	76	71	71	78	71	74	72
Florida	74	79	74	79	80	74	77	77
Georgia	77	81	78	80	82	81	80	82
Maryland	77	79	81	77	79	78	78	81
North Carolina	80	78	80	83	82	87	85	87
South Carolina	78	85	81	88	81	80	81	80
Virginia	69	76	72	80	80	74	78	77
West Virginia	71	71	81	82	81	76	81	79
East South Central:								
Alabama	73	74	87	82	78	81	83	80
Kentucky	81	76	78	82	88	81	79	74
Mississippi	79	81	80	84	82	81	84	78
Tennessee	74	79	79	82	78	81	84	80
West South Central:								
Arkansas	73	70	80	73	77	72	74	74
Louisiana	77	79	77	78	77	75	69	69
Oklahoma	74	72	70	75	73	71	76	67
Texas	71	71	74	74	72	69	74	71
Mountain:								
Arizona	69	70	71	76	72	72	73	70
Colorado	75	80	74	76	76	74	75	64
Idaho	66	65	71	76	69	74	74	73
Montana	71	75	75	82	83	77	82	71
Nevada	67	67	70	76	73	74	72	78
New Mexico	74	78	73	71	73	68	71	67
Utah	65	65	69	76	80	77	74	79
Wyoming	71	77	75	80	83	79	81	77
Pacific:								
Alaska	74	72	75	81	80	77	74	78
California	70	74	74	76	75	75	75	76
Hawaii	75	80	77	79	82	75	73	81
Oregon	71	70	72	76	72	79	73	75
Washington	76	78	79	81	75	77	76	73

See footnotes at end of table.

Table 72 (page 2 of 2). Vaccination coverage among children 19–35 months of age according to geographic division, State, and selected urban areas: United States, 1995–2002

[Data are based on telephone interviews of a sample of the civilian noninstitutionalized population supplemented by a survey of immunization providers for interview participants]

<i>Geographic division and urban areas</i>	<i>1995</i>	<i>1996</i>	<i>1997</i>	<i>1998</i>	<i>1999</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>
Percent of children 19–35 months of age with 4:3:1:3 series ¹								
New England:								
Boston, Massachusetts	85	85	86	89	84	79	85	80
Middle Atlantic:								
New York City, New York	72	78	72	81	78	68	76	81
Newark, New Jersey	67	64	68	64	67	63	64	60
Philadelphia, Pennsylvania	67	74	81	80	81	74	74	74
East North Central:								
Chicago, Illinois	70	72	66	64	71	65	69	72
Cuyahoga County (Cleveland), Ohio	72	79	70	75	74	73	73	74
Detroit, Michigan	54	60	60	70	66	59	63	66
Franklin County (Columbus), Ohio	75	80	73	78	78	77	78	84
Marion County (Indianapolis), Indiana	77	72	80	78	79	69	72	75
Milwaukee County (Milwaukee), Wisconsin	69	70	72	73	74	69	70	70
South Atlantic:								
Baltimore, Maryland	*	80	84	81	72	70	72	75
Dade County (Miami), Florida	78	79	75	75	84	78	78	73
District of Columbia	67	76	71	71	78	71	74	72
Duval County (Jacksonville), Florida	69	76	69	79	78	79	76	77
Fulton/DeKalb Counties (Atlanta), Georgia	*	76	74	71	83	80	75	79
East South Central:								
Davidson County (Nashville), Tennessee	72	80	76	80	73	73	82	80
Shelby County (Memphis), Tennessee	69	70	70	71	75	77	74	73
Jefferson County (Birmingham), Alabama	86	76	83	85	85	79	87	82
West South Central:								
Bexar County (San Antonio), Texas	76	74	79	79	70	68	73	76
Dallas County (Dallas), Texas	70	68	75	71	72	67	67	76
El Paso County (El Paso), Texas	72	61	63	78	73	70	69	77
Houston, Texas	64	62	62	61	63	65	69	64
Orleans Parish (New Orleans), Louisiana	78	72	69	79	72	70	68	63
Mountain:								
Maricopa County (Phoenix), Arizona	67	72	70	77	71	71	72	73
Pacific:								
King County (Seattle), Washington	84	82	81	86	77	75	72	77
Los Angeles County (Los Angeles), California	68	75	72	76	76	77	73	77
San Diego County (San Diego), California	72	74	76	77	75	76	80	78
Santa Clara County (Santa Clara), California	76	80	69	84	82	76	77	84

* Estimates are considered unreliable. Percents not shown if the unweighted sample size for the numerator was less than 30 or relative standard error greater than 50 percent or confidence interval half width greater than 10 percentage points.

¹The 4:3:1:3 combined series consists of 4 or more doses of diphtheria and tetanus toxoids and pertussis vaccine (DTP), diphtheria and tetanus toxoids (DT), or diphtheria and tetanus toxoids and acellular pertussis vaccine (DTaP), 3 or more doses of any poliovirus vaccine, 1 or more doses of a measles-containing vaccine (MCV), and 3 or more doses of *Haemophilus influenzae* type b vaccine (Hib).

NOTES: Urban areas were chosen because they were high risk for under-vaccination. Final estimates from the National Immunization Survey include an adjustment for children with missing immunization provider data.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics and National Immunization Program, National Immunization Survey. Data are available on the CDC Web site at www.cdc.gov/nip/coverage/ and www.cdc.gov/nis/.

Table 82 (page 1 of 2). Ambulatory care visits to physician offices and hospital outpatient and emergency departments by selected characteristics: United States, selected years 1995–2001

[Data are based on reporting by a sample of office-based physicians and hospital outpatient and emergency departments]

Age, sex, and race	All places ¹				Physician offices			
	1995	1999	2000	2001	1995	1999	2000	2001
Number of visits in thousands								
Total	860,859	944,122	1,014,848	1,071,692	697,082	756,734	823,542	880,487
Under 18 years	194,644	183,072	212,165	216,202	150,351	135,627	163,459	168,663
18–44 years	285,184	300,051	315,774	317,826	219,065	227,005	243,011	244,288
45–64 years	188,320	240,688	255,894	279,955	159,531	201,911	216,783	239,106
45–54 years	104,891	130,824	142,233	154,518	88,266	108,597	119,474	130,795
55–64 years	83,429	109,864	113,661	125,437	71,264	93,315	97,309	108,310
65 years and over	192,712	220,311	231,014	257,709	168,135	192,190	200,289	228,430
65–74 years	102,605	106,066	116,505	126,828	90,544	92,642	102,447	112,978
75 years and over	90,106	114,245	114,510	130,881	77,591	99,548	97,842	115,452
Number of visits per 100 persons								
Total, age adjusted ²	334	352	374	385	271	283	304	316
Total, crude	329	347	370	383	266	279	300	314
Under 18 years	275	254	293	298	213	188	226	233
18–44 years	264	277	291	289	203	209	224	222
45–64 years	364	410	422	437	309	344	358	373
45–54 years	339	368	385	397	286	305	323	336
55–64 years	401	477	481	499	343	405	412	431
65 years and over	612	679	706	764	534	592	612	678
65–74 years	560	596	656	702	494	521	577	625
75 years and over	683	779	766	837	588	679	654	739
Sex and age								
Male, age adjusted ²	290	309	325	337	232	246	261	275
Male, crude	277	297	314	325	220	235	251	264
Under 18 years	273	255	302	302	209	189	231	235
18–44 years	190	206	203	207	139	150	148	152
45–54 years	275	300	316	327	229	247	260	273
55–64 years	351	427	428	429	300	361	367	371
65–74 years	508	580	614	670	445	510	539	598
75 years and over	711	758	771	852	616	663	670	758
Female, age adjusted ²	377	393	420	431	309	317	345	356
Female, crude	378	396	424	437	310	320	348	362
Under 18 years	277	252	285	295	217	187	221	231
18–44 years	336	345	377	370	265	267	298	291
45–54 years	400	432	451	464	339	361	384	397
55–64 years	446	522	529	563	382	445	453	485
65–74 years	603	610	692	728	534	530	609	648
75 years and over	666	792	763	828	571	689	645	726
Race and age ³								
White, age adjusted ²	339	356	380	402	282	292	315	338
White, crude	338	357	381	407	281	293	316	343
Under 18 years	295	258	306	322	237	197	243	260
18–44 years	267	284	301	305	211	222	239	242
45–54 years	334	368	386	410	286	312	330	354
55–64 years	397	474	480	513	345	410	416	451
65–74 years	557	597	641	722	496	526	568	651
75 years and over	689	781	764	858	598	687	658	764
Black or African American, age adjusted ²	309	355	353	327	204	239	239	212
Black or African American, crude	281	322	324	302	178	211	214	189
Under 18 years	193	237	264	201	100	144	167	102
18–44 years	260	267	257	266	158	155	149	154
45–54 years	387	398	383	397	281	277	269	286
55–64 years	414	543	495	476	294	404	373	341
65–74 years	553	611	656	567	429	485	512	426
75 years and over	534	780	745	632	395	608	568	473

See footnotes at end of table.

Table 82 (page 2 of 2). Ambulatory care visits to physician offices and hospital outpatient and emergency departments by selected characteristics: United States, selected years 1995–2001

[Data are based on reporting by a sample of office-based physicians and hospital outpatient and emergency departments]

Age, sex, and race	Hospital outpatient departments				Hospital emergency departments			
	1995	1999	2000	2001	1995	1999	2000	2001
Number of visits in thousands								
Total	67,232	84,623	83,289	83,715	96,545	102,765	108,017	107,490
Under 18 years	17,636	21,758	21,076	21,299	26,657	25,688	27,630	26,239
18–44 years	24,299	29,514	26,947	27,430	41,820	43,532	45,816	46,109
45–64 years	14,811	20,891	20,772	21,590	13,978	17,886	18,339	19,260
45–54 years	8,029	11,541	11,558	12,016	8,595	10,686	11,201	11,707
55–64 years	6,782	9,350	9,214	9,574	5,383	7,200	7,138	7,552
65 years and over	10,486	12,461	14,494	13,396	14,090	15,659	16,232	15,883
65–74 years	6,004	6,969	7,515	7,299	6,057	6,455	6,543	6,551
75 years and over	4,482	5,493	6,979	6,097	8,033	9,205	9,690	9,332
Number of visits per 100 persons								
Total, age adjusted ²	26	31	31	30	37	38	40	39
Total, crude	26	31	30	30	37	38	39	38
Under 18 years	25	30	29	29	38	36	38	36
18–44 years	22	27	25	25	39	40	42	42
45–64 years	29	36	34	34	27	31	30	30
45–54 years	26	32	31	31	28	30	30	30
55–64 years	33	41	39	38	26	31	30	30
65 years and over	33	38	44	40	45	48	50	47
65–74 years	33	39	42	40	33	36	37	36
75 years and over	34	37	47	39	61	63	65	60
Sex and age								
Male, age adjusted ²	21	26	26	25	37	37	38	37
Male, crude	21	25	25	24	36	37	38	37
Under 18 years	25	29	29	29	40	37	41	38
18–44 years	14	18	17	16	37	38	38	39
45–54 years	20	25	26	26	26	29	30	29
55–64 years	26	37	32	30	25	30	30	28
65–74 years	29	35	38	35	34	35	36	38
75 years and over	34	34	42	37	61	61	59	57
Female, age adjusted ²	31	37	35	35	37	39	41	40
Female, crude	31	37	35	35	37	39	41	40
Under 18 years	25	31	29	29	35	34	35	34
18–44 years	31	36	33	34	40	42	46	45
45–54 years	32	40	36	36	29	31	31	31
55–64 years	38	44	45	45	26	32	31	32
65–74 years	36	43	46	45	32	37	37	35
75 years and over	34	39	49	40	61	64	69	61
Race and age ³								
White, age adjusted ²	23	28	28	28	34	35	37	36
White, crude	23	28	28	28	34	35	37	36
Under 18 years	23	28	27	28	35	33	36	34
18–44 years	20	25	23	23	36	37	39	40
45–54 years	23	28	28	28	25	27	28	28
55–64 years	28	36	36	34	24	28	28	28
65–74 years	29	36	38	37	32	34	35	33
75 years and over	31	34	44	36	60	61	63	58
Black or African American, age adjusted ²	48	54	51	51	58	62	62	65
Black or African American, crude	45	51	48	49	58	60	62	64
Under 18 years	39	42	40	44	53	51	57	55
18–44 years	38	45	40	41	64	68	68	71
45–54 years	55	66	61	56	51	55	53	56
55–64 years	73	83	70	79	47	57	52	56
65–74 years	*77	69	85	70	47	58	59	71
75 years and over	66	*79	85	67	73	93	92	91

* Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error of 20–30 percent.

¹All places includes visits to physician offices and hospital outpatient and emergency departments.

²Estimates are age adjusted to the year 2000 standard population using six age groups: under 18 years, 18–44 years, 45–54 years, 55–64 years, 65–74 years, and 75 years and over. See Appendix II, Age adjustment.

³Beginning in 1999 the instruction for the race item on the Patient Record Form was changed so that more than one race could be recorded. In previous years only one racial category could be checked. Estimates for racial groups presented in this table are for visits where only one race was recorded. Estimates for visits where multiple races were checked are unreliable and are not presented.

NOTES: Some numbers were revised and differ from the previous edition of *Health, United States*. Rates for 1995–2000 were computed using 1990-based postcensal estimates of the civilian noninstitutionalized population as of July 1 adjusted for net underenumeration using the 1990 National Population Adjustment Matrix from the Bureau of the Census. Rates for 2001 were computed using 2000-based postcensal estimates of the civilian noninstitutionalized population as of July 1. The difference between rates for 2000 computed using 1990-based postcensal estimates and rates computed using estimates based on 2000 census counts is minimal. See www.cdc.gov/nchs/about/major/ahcd/census2000.htm. Rates will be overestimated to the extent that visits by institutionalized persons are counted in the numerator (for example, hospital emergency department visits by nursing home residents) and institutionalized persons are omitted from the denominator. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Ambulatory Medical Care Survey and National Hospital Ambulatory Medical Care Survey.

Table 83 (page 1 of 2). Injury-related visits to hospital emergency departments by sex, age, and intent and mechanism of injury: United States, average annual 1995–96, 1998–99, and 2000–2001

[Data are based on reporting by a sample of hospital emergency departments]

<i>Sex, age, and intent and mechanism of injury¹</i>	<i>1995–96</i>	<i>1998–99</i>	<i>2000–01</i>	<i>1995–96</i>	<i>1998–99</i>	<i>2000–01</i>
Both sexes	Injury-related visits in thousands			Injury-related visits per 10,000 persons		
All ages ^{2,3}	36,081	37,361	39,918	1,360.9	1,378.3	1,441.9
Male						
All ages ^{2,3}	20,030	20,445	21,852	1,530.7	1,535.2	1,606.2
Under 18 years ²	6,238	6,054	6,517	1,720.2	1,644.3	1,759.4
Unintentional injuries ⁴	5,478	5,190	5,387	1,510.5	1,409.7	1,454.5
Falls	1,402	1,247	1,428	386.5	338.7	385.4
Struck by or against objects or persons	1,011	1,398	1,428	278.9	379.7	385.4
Motor vehicle traffic	453	388	435	125.0	105.5	117.5
Cut or pierce	493	505	403	136.0	137.1	108.9
Intentional injuries	290	222	255	80.0	60.3	68.8
18–24 years ²	2,980	2,948	3,225	2,396.9	2,295.1	2,418.6
Unintentional injuries ⁴	2,423	2,319	2,347	1,948.7	1,805.3	1,760.3
Falls	299	333	281	240.8	259.5	210.5
Struck by or against objects or persons	387	389	443	311.0	303.1	332.3
Motor vehicle traffic	347	412	511	279.4	320.9	383.4
Cut or pierce	304	344	366	244.8	268.2	274.3
Intentional injuries	335	291	309	269.2	226.5	231.8
25–44 years ²	7,245	7,112	7,287	1,767.4	1,751.7	1,798.3
Unintentional injuries ⁴	5,757	5,391	5,234	1,404.3	1,327.8	1,291.7
Falls	817	847	867	199.4	208.6	213.9
Struck by or against objects or persons	619	819	774	151.0	201.6	191.0
Motor vehicle traffic	912	839	793	222.6	206.6	195.7
Cut or pierce	860	786	777	209.8	193.7	191.8
Intentional injuries	701	473	458	171.0	116.5	113.0
45–64 years ²	2,240	2,822	3,218	883.4	1,011.9	1,066.9
Unintentional injuries ⁴	1,845	2,213	2,314	727.6	793.4	767.0
Falls	445	569	542	175.6	204.0	179.7
Struck by or against objects or persons	186	197	286	73.3	70.6	94.6
Motor vehicle traffic	244	322	323	96.3	115.5	107.2
Cut or pierce	203	290	332	79.9	104.1	110.1
Intentional injuries	86	73	121	33.8	26.2	40.0
65 years and over ²	1,327	1,509	1,605	1,000.7	1,100.3	1,142.8
Unintentional injuries ⁴	1,009	1,151	1,206	760.6	839.3	858.8
Falls	505	584	544	380.9	426.0	387.5
Struck by or against objects or persons	*39	101	112	*29.4	73.3	79.8
Motor vehicle traffic	99	113	144	74.7	82.7	102.4
Cut or pierce	*81	85	117	*61.1	*61.7	83.3
Intentional injuries	*	16	14	*	*	*

See footnotes at end of table.

Table 83 (page 2 of 2). Injury-related visits to hospital emergency departments by sex, age, and intent and mechanism of injury: United States, average annual 1995–96, 1998–99, and 2000–2001

[Data are based on reporting by a sample of hospital emergency departments]

<i>Sex, age, and intent and mechanism of injury¹</i>	<i>1995–96</i>	<i>1998–99</i>	<i>2000–01</i>	<i>1995–96</i>	<i>1998–99</i>	<i>2000–01</i>
Female	Injury-related visits in thousands			Injury-related visits per 10,000 persons		
All ages ^{2,3}	16,051	16,917	18,066	1,186.4	1,217.6	1,271.4
Under 18 years ²	4,372	4,290	4,269	1,263.9	1,220.4	1,207.0
Unintentional injuries ⁴	3,760	3,598	3,408	1,087.0	1,023.4	963.7
Falls	1,040	964	966	300.7	274.2	273.2
Struck by or against objects or persons	477	689	670	137.9	196.1	189.5
Motor vehicle traffic	447	394	437	129.3	112.1	123.6
Cut or pierce	253	258	208	73.0	73.4	58.9
Intentional injuries	220	147	166	63.6	41.7	46.9
18–24 years ²	1,900	2,049	2,338	1,523.4	1,589.6	1,749.3
Unintentional injuries ⁴	1,430	1,464	1,657	1,146.7	1,135.8	1,239.5
Falls	268	208	296	214.5	161.7	221.6
Struck by or against objects or persons	134	169	181	107.4	130.8	135.1
Motor vehicle traffic	373	442	500	298.8	342.7	373.9
Cut or pierce	131	122	162	105.3	94.8	120.9
Intentional injuries	239	230	192	191.7	178.6	143.3
25–44 years ²	5,098	5,257	5,645	1,205.8	1,246.7	1,345.3
Unintentional injuries ⁴	3,877	3,820	3,834	916.8	906.1	913.9
Falls	817	908	903	193.3	215.5	215.2
Struck by or against objects or persons	380	405	358	89.8	95.9	85.3
Motor vehicle traffic	872	794	849	206.2	188.4	202.3
Cut or pierce	338	472	373	79.8	111.9	89.0
Intentional injuries	422	422	406	99.8	100.2	96.8
45–64 years ²	2,369	2,802	3,098	873.7	940.4	963.9
Unintentional injuries ⁴	1,857	2,109	2,155	685.2	707.9	670.5
Falls	600	706	755	221.5	237.0	234.8
Struck by or against objects or persons	160	193	186	58.8	64.8	57.8
Motor vehicle traffic	343	317	345	126.5	106.4	107.2
Cut or pierce	127	214	183	46.9	71.8	56.8
Intentional injuries	*64	111	86	*23.5	37.4	26.8
65 years and over ²	2,313	2,518	2,716	1,256.1	1,346.8	1,417.4
Unintentional injuries ⁴	1,931	2,016	2,081	1,049.0	1,078.1	1,086.2
Falls	1,230	1,258	1,326	667.9	672.7	691.9
Struck by or against objects or persons	82	119	118	44.8	63.6	61.5
Motor vehicle traffic	169	148	130	91.6	79.3	67.8
Cut or pierce	*42	73	65	*22.7	*39.0	*34.0
Intentional injuries	*	34	22	*	*	*

* Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error (RSE) of 20–30 percent. Data not shown have a RSE of greater than 30 percent.

¹Intent and mechanism of injury are based on the first-listed external cause of injury code (E code). Intentional injuries include suicide attempts and assaults. See Appendix II, First-listed external cause of injury and Appendix II, table VII for listing of E codes.

²Includes all injury-related visits not shown separately in table including those with undetermined intent (less than 0.5 percent in 2000–01), insufficient or no information to code cause of injury (about 16.9 percent in 2000–01), and resulting from adverse effects of medical treatment (about 3.3 percent in 2000–01).

³Rates are age adjusted to the year 2000 standard population using six age groups: under 18 years, 18–24 years, 25–44 years, 45–64 years, 65–74 years, and 75 years and over. See Appendix II, Age adjustment.

⁴Includes unintentional injury-related visits with mechanism of injury not shown in table.

NOTES: An emergency department visit was considered injury related if the checkbox for injury was indicated, the physician's diagnosis was injury related (ICD–9-CM 800–999), an external cause of injury code was present (ICD–9-CM E800–E999), or the patient's reason for the visit was injury related. Rates for 1995–2000 were computed using 1990-based postcensal estimates of the civilian noninstitutionalized population as of July 1 adjusted for net underenumeration using the 1990 National Population Adjustment Matrix from the Bureau of the Census. Rates for 2001 were computed using 2000-based postcensal estimates of the civilian noninstitutionalized population as of July 1. The difference between rates for 2000 computed using 1990-based postcensal estimates and rates computed using estimates based on 2000 census counts is minimal. See www.cdc.gov/nchs/about/major/ahcd/census2000.htm. Rates will be overestimated to the extent that visits by institutionalized persons are counted in the numerator (for example, hospital emergency department visits by nursing home residents) and institutionalized persons are omitted from the denominator. Data for additional years are available. See Appendix III.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey.

Table 84 (page 1 of 2). Ambulatory care visits to primary care and specialist physicians, according to selected characteristics and type of physician: United States, 1980, 1990, and 2001

[Data are based on reporting by a sample of office-based physicians]

Age, sex, and race	Type of primary care physician ¹											
	All primary care			General and family practice			Internal medicine			Pediatrics		
	1980	1990	2001	1980	1990	2001	1980	1990	2001	1980	1990	2001
	Percent of all physician office visits											
Total	56.6	54.9	51.3	33.5	29.9	23.9	12.1	13.8	15.3	10.9	11.2	12.1
Under 18 years	76.6	78.3	80.2	26.1	26.5	16.6	2.0	2.9	*	48.5	48.9	62.1
18–44 years	43.6	44.3	42.3	34.3	31.9	28.2	8.6	11.8	13.2	0.7	0.7	*0.9
45–64 years	56.0	50.9	43.7	36.3	32.1	25.5	19.5	18.6	18.3	*	*	0.0
45–54 years	54.6	49.4	43.2	37.4	32.0	25.8	17.1	17.1	17.3	*	*	0.0
55–64 years	57.3	52.4	44.4	35.4	32.1	25.0	21.8	20.0	19.4	*	*	0.0
65 years and over	60.3	51.5	47.4	37.5	28.1	22.9	22.7	23.3	24.5	*	*	*
65–74 years	59.5	51.2	46.8	37.4	28.1	25.0	22.1	23.0	21.7	*	*	*
75 years and over	61.3	51.8	48.1	37.6	28.0	20.9	23.5	23.7	27.2	*	*	*
Sex and age												
Male:												
Under 18 years	77.1	77.9	80.0	25.6	24.1	16.1	2.0	3.0	*	49.4	50.7	62.5
18–44 years	50.5	51.7	52.2	38.0	35.9	35.2	11.5	15.0	16.2	*	*	*0.9
45–64 years	55.0	50.5	46.6	34.4	31.0	26.7	20.5	19.2	19.9	*	*	0.0
65 years and over	57.9	51.1	47.3	35.6	27.7	22.3	22.3	23.3	25.0	*	*	0.0
Female:												
Under 18 years	76.0	78.8	80.5	26.6	29.1	17.1	2.0	2.8	*	47.4	46.9	61.7
18–44 years	40.4	41.0	37.2	32.5	30.0	24.7	7.3	10.3	11.6	*	*	*0.9
45–64 years	56.7	51.1	41.8	37.7	32.8	24.7	18.9	18.2	17.2	*	*	0.0
65 years and over	61.8	51.7	47.5	38.7	28.3	23.3	22.9	23.3	24.1	*	*	*
Race and age ²												
White:												
Under 18 years	76.5	78.2	79.7	26.4	27.1	16.8	2.0	2.3	*	48.2	48.8	61.3
18–44 years	43.8	43.2	43.2	34.5	31.9	28.8	8.6	10.6	13.5	*	*	*0.9
45–64 years	55.4	49.4	44.2	36.0	31.5	26.2	19.2	17.6	17.9	*	*	0.0
65 years and over	60.0	50.7	47.5	36.6	27.5	23.0	23.3	23.1	24.4	*	*	*
Black or African American:												
Under 18 years	77.1	82.1	71.2	23.7	20.2	*14.4	*	*	*	51.2	52.1	56.3
18–44 years	41.4	50.4	31.2	31.7	31.9	19.8	9.0	18.1	*11.0	*	*	*
45–64 years	61.3	58.2	42.3	38.6	31.2	18.0	22.6	26.9	*24.3	*	*	0.0
65 years and over	63.3	57.8	49.7	49.0	28.9	*21.9	14.2	28.7	*27.7	*	*	0.0

See footnotes at end of table.

Table 84 (page 2 of 2). Ambulatory care visits to primary care and specialist physicians, according to selected characteristics and type of physician: United States, 1980, 1990, and 2001

[Data are based on reporting by a sample of office-based physicians]

Age, sex, and race	Type of specialist physician ¹								
	All specialists			Obstetrics and gynecology			All other specialists		
	1980	1990	2001	1980	1990	2001	1980	1990	2001
	Percent of all physician office visits								
Total	43.4	45.1	48.7	9.6	9.0	7.9	33.8	36.1	40.8
Under 18 years	23.4	21.7	19.8	1.3	1.2	*	22.2	20.5	18.7
18–44 years	56.4	55.7	57.7	21.7	21.5	19.3	34.7	34.1	38.4
45–64 years	44.0	49.1	56.3	4.2	4.8	6.7	39.8	44.3	49.6
45–54 years	45.4	50.6	56.8	5.6	6.5	8.3	39.8	44.2	48.5
55–64 years	42.7	47.6	55.6	2.9	3.2	4.8	39.8	44.4	50.8
65 years and over	39.7	48.5	52.6	1.4	1.2	*2.1	38.4	47.3	50.5
65–74 years	40.5	48.8	53.2	1.7	1.6	*2.7	38.8	47.2	50.5
75 years and over	38.7	48.2	51.9	1.0	*0.7	*1.5	37.7	47.5	50.4
Sex and age									
Male:									
Under 18 years	22.9	22.1	20.0	...	...	...	22.7	21.9	20.0
18–44 years	49.5	48.3	47.8	...	...	...	49.2	48.2	47.7
45–64 years	45.0	49.5	53.4	...	...	...	44.4	49.4	53.4
65 years and over	42.1	48.9	52.7	...	...	...	41.8	48.8	52.7
Female:									
Under 18 years	24.0	21.2	19.5	2.5	2.3	*	21.5	18.9	17.3
18–44 years	59.6	59.0	62.8	31.7	31.4	29.1	27.9	27.6	33.7
45–64 years	43.3	48.9	58.2	6.7	7.9	11.2	36.6	40.9	47.0
65 years and over	38.2	48.3	52.5	2.1	1.9	*3.6	36.1	46.4	48.9
Race and age ²									
White:									
Under 18 years	23.5	21.8	20.3	1.1	1.0	*1.1	22.4	20.8	19.2
18–44 years	56.2	56.8	56.8	21.0	21.8	19.2	35.2	35.0	37.6
45–64 years	44.6	50.6	55.8	4.1	4.9	6.3	40.4	45.7	49.5
65 years and over	40.0	49.3	52.5	1.4	1.3	*2.0	38.6	48.1	50.5
Black or African American:									
Under 18 years	22.9	17.9	*28.8	2.8	*3.4	*	20.1	14.5	*26.3
18–44 years	58.6	49.6	68.8	27.1	18.6	*23.9	31.5	31.0	44.9
45–64 years	38.7	41.8	57.7	4.8	4.0	*	33.9	37.9	48.5
65 years and over	36.7	42.2	50.3	*	*	*	35.4	41.3	45.9

* Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error (RSE) of 20–30 percent. Data not shown have a RSE of greater than 30 percent.

... Category not applicable.

¹Type of physician is based on physician's self-designated primary area of practice. Primary care physicians are defined as practitioners in the fields of general and family practice, general internal medicine, and general pediatrics. Primary care physicians in general and family practice exclude specialists such as sports medicine and geriatrics. Primary care internal medicine physicians exclude internal medicine specialists such as allergists, cardiologists, endocrinologists, etc. Primary care pediatricians exclude pediatric specialists such as adolescent medicine specialists, neonatologists, pediatric allergists, pediatric cardiologists, etc. Specialist physicians include obstetricians and gynecologists in addition to other specialists not included in general and family practice, internal medicine, pediatrics, and all other specialists. See Appendix II, Physician specialty.

²Beginning in 1999 the instruction for the race item on the Patient Record Form was changed so that more than one race could be recorded. In previous years only one racial category could be checked. Estimates for racial groups presented in this table are for visits where only one race was recorded. Estimates for visits where multiple races were checked are unreliable and are not presented.

NOTES: This table presents data on ambulatory care visits to physician offices and excludes ambulatory care visits to other sites such as hospital outpatient and emergency departments. In 1980 the survey excluded Alaska and Hawaii. Data for all other years include all 50 States. Excludes visits with type of physician unknown. Data for additional years are available. See Appendix III.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Ambulatory Medical Care Survey.

Table 121. Employers' costs per employee-hour worked for total compensation, wages and salaries, and health insurance, according to selected characteristics: United States, selected years 1991–2003

[Data are based on surveys of employers]

Characteristic	Total compensation					Wages and salaries				
	1991	2000	2001	2002	2003	1991	2000	2001	2002	2003
	Amount per employee-hour worked									
State and local government	\$22.31	\$29.05	\$30.06	\$31.29	\$32.62	\$15.52	\$20.57	\$21.34	\$22.14	\$22.85
Total private industry	15.40	19.85	20.81	21.71	22.37	11.14	14.49	15.18	15.80	16.15
Industry:										
Goods producing	18.48	23.55	24.40	25.44	26.25	12.70	16.25	16.86	17.47	17.78
Service producing	14.31	18.72	19.74	20.66	21.30	10.58	13.95	14.68	15.33	15.70
Manufacturing	18.22	23.41	24.30	25.20	26.02	12.40	16.01	16.66	17.19	17.43
Nonmanufacturing	14.67	19.12	20.12	21.06	21.71	10.81	14.18	14.89	15.55	15.92
Occupation:										
White collar	18.15	24.19	25.34	26.43	28.85	13.40	17.91	18.71	19.48	21.03
Blue collar	15.15	18.73	19.35	20.15	21.21	10.37	12.99	13.48	14.01	14.52
Service	7.82	9.72	10.32	10.95	13.68	5.96	7.57	8.00	8.42	9.91
Census region:										
Northeast	17.56	22.67	23.91	25.00	25.70	12.65	16.37	17.22	17.97	18.30
Midwest	15.05	19.22	20.47	21.25	22.40	10.70	13.91	14.69	15.29	16.03
South	13.68	17.81	18.59	19.49	19.95	10.03	13.09	13.71	14.34	14.60
West	15.97	20.88	21.86	22.68	23.07	11.62	15.45	16.19	16.68	16.74
Union status:										
Union	19.76	25.88	27.80	29.42	30.68	13.02	16.87	18.36	19.33	19.95
Nonunion	14.54	19.07	19.98	20.79	21.36	10.78	14.18	14.81	15.38	15.69
Establishment employment size:										
1–99 employees	13.38	17.16	17.86	18.51	18.93	10.00	12.95	13.41	13.88	14.12
100 or more	17.34	22.81	24.19	25.48	26.42	12.23	16.19	17.20	18.07	18.54
100–499	14.31	19.30	20.97	21.99	22.62	10.32	14.05	15.21	15.87	16.15
500 or more	20.60	26.93	28.17	29.79	30.94	14.28	18.70	19.67	20.79	21.39
	Health insurance as a percent of total compensation									
Characteristic	Health insurance					Health insurance as a percent of total compensation				
	1991	2000	2001	2002	2003	1991	2000	2001	2002	2003
	Amount per employee-hour worked									
State and local government	\$1.54	\$2.27	\$2.56	\$2.69	\$2.99	6.9	7.8	8.5	8.6	9.2
Total private industry	0.92	1.09	1.28	1.29	1.41	6.0	5.5	6.2	5.9	6.3
Industry:										
Goods producing	1.28	1.62	1.85	1.84	1.98	6.9	6.9	7.6	7.2	7.5
Service producing	0.79	0.92	1.11	1.13	1.25	5.5	4.9	5.6	5.5	5.9
Manufacturing	1.37	1.69	1.93	1.92	2.08	7.5	7.2	7.9	7.6	8.0
Nonmanufacturing	0.80	0.96	1.15	1.17	1.29	5.5	5.0	5.7	5.6	5.9
Occupation:										
White collar	1.02	1.21	1.43	1.42	1.86	5.6	5.0	5.6	5.4	6.4
Blue collar	1.06	1.28	1.45	1.48	1.70	7.0	6.8	7.5	7.3	8.0
Service	0.36	0.42	0.52	0.56	0.96	4.6	4.3	5.0	5.1	7.0
Census region:										
Northeast	1.08	1.27	1.50	1.48	1.63	6.2	5.6	6.3	5.9	6.3
Midwest	0.95	1.12	1.35	1.35	1.48	6.3	5.8	6.6	6.4	6.6
South	0.76	0.96	1.16	1.14	1.24	5.5	5.4	6.2	5.8	6.2
West	0.92	1.05	1.19	1.26	1.39	5.8	5.0	5.4	5.6	6.0
Union status:										
Union	1.63	2.17	2.48	2.57	2.80	8.2	8.4	8.9	8.7	9.1
Nonunion	0.78	0.95	1.14	1.13	1.24	5.4	5.0	5.7	5.4	5.8
Establishment employment size:										
1–99 employees	0.68	0.82	0.94	0.96	1.05	5.1	4.8	5.3	5.2	5.5
100 or more	1.14	1.38	1.66	1.67	1.84	6.6	6.0	6.9	6.6	7.0
100–499	0.90	1.09	1.38	1.40	1.56	6.3	5.6	6.6	6.4	6.9
500 or more	1.40	1.73	2.00	1.99	2.17	6.8	6.4	7.1	6.7	7.0

NOTES: Costs are calculated from March survey data each year. Total compensation includes wages and salaries, and benefits. See Appendix II, Employer costs for employee compensation. Data for additional years are available. See Appendix III.

SOURCES: U.S. Department of Labor, Bureau of Labor Statistics, National Compensation Survey, Employer Costs for Employee Compensation, March release; *News* pub nos 91–292, 00–186, 01–194, 02–346, and 03–297. June 19, 1991; June 29, 2000; June 29, 2001; June 19, 2002; and June 11, 2003. Washington, DC.

Table V. Cause-of-death codes, according to applicable revision of *International Classification of Diseases (ICD)*

Cause of death (Tenth Revision titles)	Sixth and Seventh Revisions	Eighth Revision	Ninth Revision	Tenth Revision
Communicable diseases . . . . .	...	...	001–139, 460–466, 480–487, 771.3	A00–B99, J00–J22
Chronic and noncommunicable diseases . . . . .	...	...	140–459, 470–478, 490–799	C00–I99, J30–R99
Injuries ¹ . . . . .	...	...	E800–E869, E880–E929, E950–E999	*U01–*U03, V01–Y34, Y85–Y87, Y89
Meningococcal Infection . . . . .	...	...	036	A39
Septicemia . . . . .	...	...	038	A40–A41
Human immunodeficiency virus (HIV) disease ² . . . . .	...	...	*042–*044	B20–B24
Malignant neoplasms	140–205	140–209	140–208	C00–C97
Colon, rectum, and anus	153–154	153–154	153, 154	C18–C21
Trachea, bronchus, and lung	162–163	162	162	C33–C34
Breast	170	174	174–175	C50
Prostate	177	185	185	C61
In situ neoplasms and benign neoplasms . . . . .	...	...	210–239	D00–D48
Diabetes mellitus	260	250	250	E10–E14
Anemias . . . . .	...	...	280–285	D50–D64
Meningitis . . . . .	...	...	320–322	G00, G03
Alzheimer's disease . . . . .	...	...	331.0	G30
Diseases of heart	6th: 410–443 7th: 400–402, 410–443	390–398, 402, 404, 410–429	390–398, 402, 404, 410–429	I00–I09, I11, I13, I20–I51
Ischemic heart disease . . . . .	...	...	410–414, 429.2	I20–I25
Cerebrovascular diseases	330–334	430–438	430–434, 436–438	I60–I69
Atherosclerosis . . . . .	...	...	440	I70
Influenza and pneumonia	480–483, 490–493	470–474, 480–486	480–487	J10–J18
Chronic lower respiratory diseases	241, 501, 502, 527.1	490–493, 519.3	490–494, 496	J40–J47
Chronic liver disease and cirrhosis	581	571	571	K70, K73–K74
Nephritis, nephrotic syndrome, and nephrosis . . . . .	...	...	580–589	N00–N07, N17–N19, N25–N27
Pregnancy, childbirth, and the puerperium	640–689	630–678	630–676	A34, O00–O95, O98–O99
Congenital malformations, deformations, and chromosomal abnormalities . . . . .	...	...	740–759	Q00–Q99
Certain conditions originating in the perinatal period . . . . .	...	...	760–779	P00–P96
Newborn affected by maternal complications of pregnancy . . . . .	...	...	761	P01
Newborn affected by complications of placenta, cord, and membranes . . . . .	...	...	762	P02
Disorders related to short gestation and low birthweight, not elsewhere classified . . . . .	...	...	765	P07
Birth trauma . . . . .	...	...	767	P10–P15
Intrauterine hypoxia and birth asphyxia . . . . .	...	...	768	P20–P21
Respiratory distress of newborn . . . . .	...	...	769	P22
Sudden infant death syndrome . . . . .	...	...	798.0	R95
Unintentional injuries ³	E800–E936, E960–E965	E800–E929, E940–E946	E800–E869, E880–E929	V01–X59, Y85–Y86
Motor vehicle-related injuries ³	E810–E835	E810–E823	E810–E825	V02–V04, V09.0, V09.2, V12–V14, V19.0–V19.2, V19.4–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V86, V87.0–V87.8, V88.0–V88.8, V89.0, V89.2
Suicide ¹	E963, E970–E979	E950–E959	E950–E959	*U03, X60–X84, Y87.0
Homicide ¹	E964, E980–E983	E960–E969	E960–E969	*U01–*U02, X85–Y09, Y87.1
Injury by firearms . . . . .	...	E922, E955, E965, E970, E985	E922, E955.0–E955.4, E965.0–E965.4, E970, E985.0–E985.4	W32–W34, X72–X74, X93–X95, Y22–Y24, Y35.0

... Cause-of-death code numbers are not provided for causes not shown in *Health, United States*.

¹Beginning with 2001 data, NCHS introduced categories *U01–*U03 for classifying and coding deaths due to acts of terrorism. The * indicates codes are not part of the Tenth Revision.

²Categories for coding human immunodeficiency virus infection were introduced in 1987. The * indicates codes are not part of the Ninth Revision.

³In the public health community, the term “unintentional injuries” is preferred to “accidents” and “motor vehicle-related injuries” to “motor vehicle accidents.”