VITAL STATISTICS OF THE UNITED STATES

1990

VOLUME II – MORTALITY

PART A

U.S. DEPARTMENT OF
HEALTH AND HUMAN SERVICES
PUBLIC HEALTH SERVICE
CENTERS FOR DISEASE CONTROL AND PREVENTION
NATIONAL CENTER FOR HEALTH STATISTICS

Hyattsville, Maryland: 1994

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VITAL STATISTICS OF THE UNITED STATES, 1990

Volume II—Mortality

A brief summary of the contents for sections 1 through 7 is listed below for the convenience of the reader. A complete contents page is at the beginning of each section and is identified by a narrow black edge, which can be located easily by fanning the pages. Each section is paged independently, beginning with page 1. Section 8, data for Geographic Detail for Mortality, and Section 9, data for Puerto Rico, Virgin Islands (U.S.), and Guam, are in Part B of Volume II of *Vital Statistics of the United States, 1990.*

Part A

Section 1. General Mortality

Summary tables containing crude, age-specific, and age-adjusted death rates; death rates by cause; maternal mortality; and deaths for the 50 largest metropolitan areas. Detailed tabulations of deaths by cause for the United States and each State. Data shown by age, sex, race, Hispanic origin, cause of death, month, date of death, report of autopsy, status of decedent when death occurred in hospital or medical center, place of death, marital status, educational attainment, and State or country of birth. Data on deaths due to Human immunodeficiency virus infection are shown in separate tables.

Section 2. Infant Mortality

Tabulations of infant deaths and infant mortality rates by age, race, Hispanic origin, sex, and cause of death, and by State and the 50 largest metropolitan areas. Additional frequency tables by month of death and by population-size groups in metropolitan and nonmetropolitan counties. Data on infant deaths due to Human immunodeficiency virus infection are shown in separate tables.

Section 3. Fetal Mortality

Tabulations of numbers of deaths, rates, and ratios by age and race of mother, marital status of mother, geographic areas, and population-size groups; and fetal-death rates by plurality and sex. Number of deaths by additional categories—month, birth order, attendant, period of gestation, and birth weight.

Section 4. Perinatal Deaths

Perinatal deaths and mortality rates and ratios for the three definitions of perinatal deaths, by race and sex for the United States, each State, and for metropolitan and nonmetropolitan counties. Numbers of deaths by Hispanic origin and race for each reporting State.

Section 5. Accident Mortality

Deaths from motor vehicle accidents by type of vehicle and by person injured. Data shown by cause of death, age, race, and sex for the United States and by race and sex for each State. Deaths from accidental poisoning by age, race, and sex.

Section 6. Life Tables

Text discussion of life table program, abridged life tables, and interpolated values of the l_x and $\mathring{e}_x$ by single years of age for the national population by race and sex.

Section 7. Technical Appendix

Text discussion of factors affecting the collection, classification, and interpretation of mortality statistics published in Volume II. Includes population tables for computing vital rates.

Guide to tables in Section 1

[All data are for deaths occurring in the United States. Excludes fetal deaths. Data for geographic areas within the United States are by place of residence unless otherwise noted. Data by place of residence exclude deaths occurring to nonresidents; however, data by place of occurrence include deaths of nonresidents]

TABLE: 1	–1	–2	–3	–4	–5	–6	–7	–8	–9	–10	–11	–12	–13	–14	–15	–16
PAGE:	1	3	5	7	10	11	12	13	14	40	53	54	55	56	68	69
Geographic area:																
Divisions											[1]11	12	13	14		
50 largest MSA's and component counties																
States												12	13	14		
Total of reporting areas																
United States	[3]1	[3]2	[3]3	4	5	6	7	8	9	10	[1,3]11	12	13	14	15	[4]16
Years:																
1900–90	1	2	3								[5]11					
1915–90																[6]16
Selected years and 1990				4												
1980–90							7					12				
1990 only					5	6		8	9	10			13	14	15	
Type of entry:																
Age-adjusted rates			3					8								
Death rates		2		4		6	7		9	10	11	12	13	14	15	16
Number of deaths	1				5								13		15	
Percent distribution of deaths by cause						6										
Characteristics:																
Age				4	5				9	10			13		15	
10-year age groups				4						10						
5-year age groups									9						15	
Single years of age after 85					5											
Autopsy																
Cause of death:																
Each cause																
Selected causes															15	
282 selected causes																
72 selected causes							7	8	9	10				14		
34 selected causes																
15 leading causes						6										
HIV causes only																
Maternal causes only															15	16
Day of month																
Day of week																
Hispanic origin																
Marital status																
Month																
Place of death																
Race	1	2	3	4	5			8	9	10					15	16
Sex	1	2	3	4	5			8	9	10						
State or country of birth																
Status of decedent in hospital																

[1]Deaths by place of occurrence.
[2]Deaths by place of occurrence and place of residence.
[3]Entire United States for 1933–90, death-registration States for 1900–32.
[4]Entire United States for 1933–90, birth-registration States for 1915–32.
[5]Data by 5-year averages for 1900–59 and by single years for 1960–90.
[6]Data by 5-year averages for 1915–39 and by single years for 1940–90.
[7]Specified race or national origin.

Guide to tables in Section 1—Con.

[All data are for deaths occurring in the United States. Excludes fetal deaths. Data for geographic areas within the United States are by place of residence unless otherwise noted. Data by place of residence exclude deaths occurring to nonresidents; however, data by place of occurrence include deaths of nonresidents]

TABLE: 1	–17	–18	–19	–20	–21	–22	–23	–24	–25	–26	–27	–28	–29
PAGE:	70	71	73	76	77	86	88	228	234	300	312	372	373
Geographic area:													
Divisions	17												
50 largest MSA's and component counties		18											
States	17		[2]19	[1]20	21	22			25				
Total of reporting areas													
United States	17		19	20	21	22	23	24	25	26	27	28	29
Years:													
1900–90													
1915–90													
Selected years and 1990													
1990 only	17	18	19	20	21	22	23	24	25	26	27	28	29
Type of entry:													
Age-adjusted rates													
Death rates		18					23						
Number of deaths	17	18	19	20	21	22	23	24	25	26	27	28	29
Percent of deaths												28	29
Percent distribution of deaths by cause													
Characteristics:													
Age											27	28	29
10-year age groups												28	29
5-year age groups											27		
Single years of age after 84													
Autopsy												28	29
Cause of death:													
Each cause							23						
Selected causes													
282 selected causes								24	25	26	27		
72 selected causes													29
34 selected causes													
15 leading causes													
HIV causes only													
Maternal causes only	17												
Day of month													
Day of week													
Hispanic origin													
Marital status													
Month				20	21			24					
Place of death													
Race	17				21	[7]22	23		25	[7]26	27	28	
Sex					21	22	23		25	26	27	28	29
State or country of birth													
Status of decedent in hospital													

Guide to tables in Section 1—Con.

[All data are for deaths occurring in the United States. Excludes fetal deaths. Data for geographic areas within the United States are by place of residence unless otherwise noted. Data by place of residence exclude deaths occurring to nonresidents; however, data by place of occurrence include deaths of nonresidents]

	TABLE: 1	–30	–31	–32	–33	–34	–35	–36	–37	–38	–39	–40	–41	–42	–43	–44	–45	–46	–47
	PAGE:	374	380	381	383	387	401	404	407	408	452	458	459	460	463	465	467	468	470
Geographic area:																			
Divisions																			
50 largest MSA's and component counties																			
States			31	32			35	36	37				41	42		44	45		47
Total of reporting areas		30	31	32						38					43	44		46	
United States					33	34	35	36			39	40	41	42					
Years:																			
1900–90																			
1915–90																			
1990 only		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Type of entry:																			
Age-adjusted rates												40							
Death rates												40	41						
Number of deaths		30	31	32	33	34	35	36	37	38	39		41	42	43	44	45	46	47
Characteristics:																			
Age		30		32		34	35			38	39	40		42	43		45	46	47
10-year age groups						34				38		40		42	43			46	47
5-year age groups											39								
15 years of age and over						34	35										45	46	47
Cause of death:																			
Education																	45	46	47
Selected causes					33	34												46	47
72 selected causes										38									
34 selected causes		30																	
HIV causes only											39	40	41	42	43	44			
Day of month					33														
Day of week					33														
Hispanic origin									37	38					43	44			
Marital status						34	35												
Month					33														
Place of death		30	31	32															
Race				32		34	35		37	38	39	40		42	43	44	45	46	47
Sex				32		34	35		37	38	39	40		42	43	44	45	46	47
State or country of birth								36											
Status of decedent in hospital		30	31																

Guide to tables in Section 2

[All data are for infant deaths occurring in the United States. Excludes fetal deaths. Data for geographic areas within the United States are by place of residence unless otherwise noted. Data by place of residence exclude deaths occurring to nonresidents; however, data by place of occurrence include deaths of nonresidents]

TABLE: 2	–1	–2	–3	–4	–5	–6	–7	–8	–9	–10	–11	–12	–13	–14	–15	–16	–17	–18	–19	–20	–21	–22	–23	–24	–25
PAGE:	1	2	3	4	5	6	9	10	11	12	13	15	27	30	36	39	45	63	89	92	93	94	95	96	97
Geographic area:																									
Divisions								8	9	10															
50 largest MSA's and component counties											11														
Metropolitan and nonmetropolitan counties																									
Population-size groups																									
States								8	9	10	11	12		14				18	[1]19	20					
Total of reporting States																					21	22	23	24	25
United States	[2]1	2	3	4	5	6	7	8	9	10	11	12	13		15	16	17	18	19						25
Years:																									
1915–90	1																								
1983–90			3				7																		
1989–90								8	9	10	11														
1990 only		2		4	5	6					11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Type of entry:																									
Infant mortality rates (per 1,000 live births)	1			4				8	9	10	11														
Infant mortality rates (per 100,000 live births)		2	3		5	6	7														21	22	23	24	25
Number of infant deaths				4	5	6				10	11	12	13	14	15	16	17	18	19	20	21			24	25
Percent distribution of deaths by cause						6																			
Characteristics:																									
Age:																									
Under 1 year	1	2	3	4	5	6	7	8			11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Under 28 days	1	2	3	4		6			9	10	11	12	13	14	15	16	17	18							
28 days to 11 months				4		6												18							
Detailed age groups (under 1 day–11 months)		2	3									12	13												
Cause of death:																									
61 selected causes					5		7								15	16	17	18				22	23		
15 leading causes						6																			
HIV causes only																								24	25
Hispanic origin																				20	21	22	23	24	25
Month													13	14	15										
Race	1	2	3	[3]4	5	6		8	9	10	11	12	13			16	17	18	19	20	21	22	23	24	25
Sex		2		4								12	13											24	25

[1]Deaths by place of occurrence and place of residence.
[2]Entire United States for 1933–90; death-registration States for 1915–32.
[3]Specified race or national origin.

Guide to tables in Section 3

[All data are for fetal deaths occurring in the United States. Data are for fetal deaths with stated or presumed period of gestation of 20 weeks or more unless otherwise noted. Data for geographic areas within the United States are by place of residence unless otherwise noted. Data by place of residence exclude fetal deaths occurring to nonresidents; however, data by place of occurrence include fetal deaths to nonresidents]

TABLE: 3	–1	–2	–3	–4	–5	–6	–7	–8	–9	–10	–11	–12	–13	–14	–15	–16	–17	–18	–19	–20
PAGE:	1	2	3	4	6	7	10	12	13	16	22	25	26	27	30	33	34	35	37	38
Geographic area:																				
Divisions				4	5															
Metropolitan and nonmetropolitan counties				4																
Population-size groups				4																
States	[1]1				5	[2]6	7		9		11			14	15					
Total of reporting areas			3									12	13						19	20
United States	1	2		4	5	6	7	8	9	10	11			14	15	16	17	18		
Years:																				
1942–90		2																		
1987–90					5															
1990 only	1		3	4		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Type of entry:																				
Number of fetal deaths	1	2	3	4		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Rates (per 1,000 live births and fetal deaths)		2	3	4	5					10			13				17			20
Ratios (per 1,000 live births)		2																		
Characteristics:																				
Age of mother			3							10							17	18		20
Hispanic origin																	17		19	20
Marital status			3																	
Month							7											18		
Period of gestation	[3]1			[4]4							11		13		15	16		18		
Place of delivery											11									
Plural births												12	13							
Race		2	3	4	5		7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sex								8		10		12	13	14	15					
Total-birth order								8	9											
Weight at birth											12		14		16					

[1]Fetal deaths by place of occurrence.
[2]Fetal deaths by place of occurrence and place of residence.
[3]All periods of gestation.
[4]For fetal deaths only.

Guide to tables in Section 4

[Data refer to events occurring in the United States. Data for geographic areas within the United States are by place of residence. Data are shown for 3 definitions of perinatal mortality]

TABLE: 4	–1	–2	–3	–4	–5	–6	–7
PAGE:	1	2	3	4	7	10	12
Geographic area:							
Metropolitan and nonmetropolitan counties			3				
States				4	5	6	7
Total of reporting areas						6	7
United States	1	2	3	4	5		
Years:							
1950–90	1						
1987–90				4			
1990 only		2	3		5	6	7
Type of entry:							
Number of perinatal deaths		2	3		5	6	
Perinatal rates (per 1,000 live births and specified fetal deaths)	1	2	3	4	5		7
Perinatal ratios (per 1,000 live births)		2	3	5			
Characteristics:							
Hispanic origin						6	
Race	1	2	3	4	5	6	7
Sex		2					

Guide to tables in Section 5

[Frequencies only. All data are for accidental deaths occurring in the United States during 1990. Data for geographic areas within the United States are by place of residence]

	TABLE: 5	–1	–2	–3	–4	–5	–6	–7
	PAGE:	1	4	14	22	26	42	46
Geographic area:								
States				3				7
United States		1	2	3	4	5	6	7
Subject matter:								
Accidental poisoning					4			
Motor vehicle accidents by person injured		1	2	3				
Nontransport accidents by place of accident						5	6	7
Characteristics:								
Age			2		4		6	
5-year age groups			2				6	
Motor vehicle accidents by exact cause of death		1						
Nontransport accidents by exact cause of death						5		
Race		1	2	3	4	5	6	7
Sex		1	2	3	4	5	6	7

Guide to tables in Section 6

[Life tables for the United States]

TABLE: 6	–1	–2	–3	–4	–5
PAGE:	7	11	12	13	19
Years:					
1900–90					[1]5
1990 only	1	2	3		
Specified years and 1990				[2]4	
Type of entry:					
Proportion dying ($_nq_x$)	1				
Number surviving (l_x)	1	2		4	
Number dying ($_nd_x$)	1				
Stationary population ($_nL_x$) and (T_x)	1				
Average remaining lifetime ($\mathring{e}_x$)	1		3	4	
Average length of life ($\mathring{e}_o$)					5
Characteristics:					
Age by:					
Single years		2	3		
5-year intervals	1			4	
Race-specific	1	2	3	4	5
Sex-race specific	1	2	3	4	5
Sex-specific	1	2	3	4	5
Total population	1	2	3	4	5

[1]Entire United States for 1929–90, death-registration States for 1900–1928.
[2]Entire United States for specified years from 1929 to 1990; death-registration States for specified years from 1900 to 1921.

Guide to tables in Section 7

[Population tables. Resident populations exclusive of Armed Forces stationed outside the United States and estimated as of July 1 unless otherwise noted]

TABLE: 7	–1	–2	–3	–4
PAGE:	28	29	30	31
Geographic area:				
Divisions			3	
Guam			3	
Puerto Rico			3	
States			3	
United States	[1,2]1	2	3	4
Virgin Islands			3	
Years:				
1900–90[3]		1		
1990 only		2	3	
1980 only				4
Type of entry:				
Population	1	2	3	
Ratios				[4]4
Characteristics:				
Age		2	[5]3	4
Race		2		4
Sex		2		4

[1]Entire United States for 1900–1990; birth- and death-registration States for 1900–1932.
[2]Populations both inclusive and exclusive of Armed Forces stationed outside the United States.
[3]Population enumerated as of April 1, 1940, 1950, 1960, 1970, 1980, and 1990, and estimated as of July 1 for all other years.
[4]Census-level population to population adjusted for estimated net census undercount.
[5]For United States, each division, and State.

Symbols Used in Tables

Data not available	- - -
Category not applicable	. . .
Quantity zero	–
Quantity more than zero but less than 0.05	0.0
Quantity more than zero but less than 500 where numbers are rounded to thousands	Z
Figure does not meet standards of reliability or precision estimate is based on fewer than 20 events in numerator or denominator	*

Section 1. General Mortality

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Table 1-1. Deaths by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-90

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[Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix.]

Area and year	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
UNITED STATES [1]												
1990	2,148,463	1,113,417	1,035,046	1,853,254	950,812	902,442	295,209	162,605	132,604	265,498	145,359	120,139
1989	2,150,466	1,114,190	1,036,276	1,853,841	950,852	902,989	296,625	163,338	133,287	267,642	146,393	121,249
1988	2,167,999	1,125,540	1,042,459	1,876,906	965,419	911,487	291,093	160,121	130,972	264,019	144,228	119,791
1987	2,123,323	1,107,958	1,015,365	1,843,067	953,382	889,685	280,256	154,576	125,680	254,814	139,551	115,263
1986	2,105,361	1,104,005	1,001,356	1,831,083	952,554	878,529	274,278	151,451	122,827	250,326	137,214	113,112
1985	2,086,440	1,097,758	988,682	1,819,054	950,455	868,599	267,386	147,303	120,083	244,207	133,610	110,597
1984	2,039,369	1,076,514	962,855	1,781,897	934,529	847,368	257,472	141,985	115,487	235,884	129,147	106,737
1983	2,019,201	1,071,923	947,278	1,765,582	931,779	833,803	253,619	140,144	113,475	233,124	127,911	105,213
1982	1,974,797	1,056,440	918,357	1,729,085	919,239	809,846	245,712	137,201	108,511	226,513	125,610	100,903
1981	1,977,981	1,063,772	914,209	1,731,233	925,490	805,743	246,748	138,282	108,466	228,560	127,296	101,264
1980	1,989,841	1,075,078	914,763	1,738,607	933,878	804,729	251,234	141,200	110,034	233,135	130,138	102,997
1979	1,913,841	1,044,959	868,882	1,676,145	910,137	766,008	237,696	135,822	102,874	220,818	124,433	96,385
1978	1,927,788	1,055,290	872,498	1,689,722	920,123	769,599	238,066	135,167	102,899	221,340	124,663	96,677
1977	1,899,597	1,046,243	853,354	1,664,100	912,670	751,430	235,497	133,573	101,924	220,076	123,894	96,182
1976	1,909,440	1,051,983	857,457	1,674,989	918,589	756,400	234,451	133,394	101,057	219,442	123,977	95,465
1975	1,892,879	1,050,819	842,060	1,660,366	917,804	742,562	232,513	133,015	99,498	217,932	123,770	94,162
1974	1,934,388	1,071,627	862,761	1,697,295	936,640	760,655	237,093	134,987	102,106	222,948	126,036	96,912
1973	1,973,003	1,096,795	876,208	1,728,405	957,918	770,487	244,598	138,877	105,721	230,110	129,647	100,463
1972 [2]	1,963,944	1,096,198	867,746	1,721,468	957,518	763,950	242,476	138,680	103,796	228,450	129,740	98,710
1971	1,927,542	1,077,332	850,210	1,689,771	942,337	747,434	237,771	134,995	102,776	224,138	126,362	97,776
1970	1,921,031	1,078,478	842,553	1,682,096	942,437	739,659	238,935	136,041	102,894	225,647	127,540	98,107
1969	1,921,990	1,080,926	841,064	1,683,622	945,380	738,242	238,368	135,546	102,822	225,537	127,145	98,392
1968	1,930,082	1,087,220	842,862	1,689,559	951,154	738,405	240,523	136,066	104,457	227,682	127,793	99,889
1967	1,851,323	1,045,945	805,378	1,627,151	919,514	707,637	224,172	126,431	97,741	212,252	118,689	93,563
1966	1,863,149	1,052,827	810,322	1,634,461	924,342	710,119	228,688	128,485	100,203	216,736	120,843	95,893
1965	1,828,136	1,035,200	792,936	1,605,498	910,511	694,987	222,638	124,689	97,949	211,230	117,328	93,902
1964	1,798,051	1,017,778	780,273	1,578,674	895,518	683,156	219,377	122,260	97,117	209,065	115,717	93,348
1963 [3]	1,813,549	1,027,686	785,863	1,593,015	871,994	661,021	216,662	120,406	96,256	204,888	112,708	92,180
1962 [3]	1,756,720	994,789	761,931	1,488,113	846,458	641,655	206,583	114,262	92,321	195,598	107,105	88,493
1961	1,701,522	966,827	734,695	1,498,332	854,569	643,763	203,190	112,258	90,932	192,791	105,493	87,298
1960	1,711,982	975,648	736,334	1,505,335	860,857	644,478	206,647	114,791	91,856	196,010	107,701	88,309
1959	1,656,814	943,088	713,726	1,460,840	834,651	626,189	195,974	108,437	87,537	187,951	103,126	84,825
1958	1,647,886	936,794	711,092	1,451,077	828,550	622,527	196,809	108,244	88,565	189,341	103,333	86,008
1957	1,633,128	930,728	702,400	1,437,652	823,067	614,585	195,476	107,661	87,815	187,912	102,709	85,203
1956	1,564,476	893,357	671,119	1,380,915	792,364	588,551	183,561	100,993	82,568	176,341	96,140	80,201
1955	1,528,717	872,638	656,079	1,350,869	774,758	576,111	177,848	97,880	79,968	171,021	93,378	77,643
1954	1,481,091	846,124	634,967	1,306,989	750,099	556,890	174,102	96,025	78,077	167,241	91,403	75,838
1953	1,517,541	867,100	650,441	1,335,835	766,703	569,132	181,706	100,397	81,309	174,625	95,739	78,886
1952	1,496,838	853,927	642,911	1,315,022	753,571	561,451	181,816	100,356	81,460	174,695	95,723	78,972
1951	1,482,099	845,233	636,866	1,302,969	747,049	555,920	179,130	98,184	80,946	171,983	93,515	78,468
1950	1,452,454	827,749	624,705	1,276,085	731,366	544,719	176,369	96,383	79,986	169,606	92,004	77,602
1949	1,443,607	821,291	622,316	1,268,848	726,169	542,679	174,759	95,122	79,637	168,067	90,765	77,302
1948	1,444,337	820,931	623,406	1,270,589	725,818	544,771	173,748	95,113	78,635	167,046	90,732	76,314
1947	1,445,370	818,234	627,136	1,274,893	726,104	548,789	170,477	92,130	78,347	163,781	87,760	76,021
1946	1,395,617	785,689	609,928	1,232,337	697,323	535,014	163,280	88,366	74,914	156,493	83,949	72,544
1945	1,401,719	788,063	613,656	1,233,889	697,698	536,191	167,830	90,365	77,465	160,733	85,716	75,017
1944	1,411,338	789,861	621,477	1,238,829	697,731	541,098	172,509	92,130	80,379	165,180	87,488	77,692
1943	1,459,544	817,485	642,059	1,280,887	721,777	559,110	178,657	95,708	82,949	171,247	90,998	80,249
1942	1,385,187	780,454	604,733	1,209,944	685,468	524,476	175,243	94,986	80,257	168,244	90,430	77,814
1941	1,397,642	780,033	612,609	1,213,511	685,672	527,839	184,131	99,361	84,770	176,729	94,697	82,032
1940	1,417,269	791,003	626,266	1,231,223	690,901	540,322	186,046	100,102	85,944	178,743	95,517	83,226
1939	1,387,897	768,877	619,020	1,207,078	672,047	535,031	180,819	96,830	83,989	173,510	92,276	81,234
1938	1,381,391	764,902	616,489	1,195,431	665,559	529,872	185,960	99,343	86,617	178,573	94,659	83,914
1937	1,450,427	808,834	641,593	1,254,787	702,630	552,157	195,640	106,204	89,436	187,594	101,166	86,428
1936	1,479,228	821,439	657,789	1,278,379	712,126	566,253	200,849	109,313	91,536	192,748	104,235	88,513
1935	1,392,752	771,320	621,432	1,207,359	671,298	536,061	185,393	100,022	85,371	177,523	95,033	82,490
1934	1,396,903	772,595	624,308	1,207,197	670,476	536,721	189,706	102,119	87,587	182,075	97,358	84,717
1933	1,342,106	737,312	604,794	1,162,398	641,725	520,673	179,708	95,587	84,121	172,114	90,807	81,307
DEATH-REGISTRATION STATES [4]												
1932	1,293,269	704,506	588,763	1,122,470	614,093	508,377	170,799	90,413	80,386	163,442	85,752	77,690
1931	1,307,273	717,630	589,643	1,125,377	621,120	504,257	181,896	96,510	85,386	174,023	91,587	82,436
1930	1,327,240	726,680	600,560	1,136,884	625,792	511,092	190,356	100,888	89,468	182,021	95,696	86,325
1929	1,369,757	745,491	624,266	1,175,490	642,463	533,027	194,267	103,028	91,239	186,676	98,196	88,480
1928	1,361,987	738,891	623,096	1,168,269	637,063	531,206	193,718	101,828	91,890	186,898	97,627	89,271
1927	1,211,627	656,697	554,930	1,050,358	572,061	478,297	161,269	84,636	76,633	155,462	80,949	74,513
1926	1,257,256	677,032	580,224	1,093,850	590,852	502,998	163,406	86,180	77,226	157,284	82,312	74,972
1925	1,191,809	641,397	550,412	1,035,500	559,356	476,144	156,309	82,041	74,268	150,665	78,462	72,203
1924	1,151,076	619,874	531,202	997,617	539,303	458,314	153,459	80,571	72,888	147,852	76,991	70,861
1923	1,174,065	625,259	548,806	1,028,101	549,623	478,478	145,964	75,636	70,328	140,894	72,379	68,515
1922	1,083,952	575,927	508,025	951,452	507,567	443,885	132,500	68,360	64,140	127,733	65,205	62,528
1921	1,009,673	533,267	476,406	895,593	475,172	420,421	114,080	58,095	55,985	109,597	55,119	54,478
1920	1,118,070	586,136	531,934	990,859	521,440	469,419	127,211	64,696	62,515	121,956	61,332	60,624
1919	1,072,263	567,185	505,078	945,436	502,968	442,468	126,827	64,217	62,610	121,636	60,863	60,773
1918	1,430,079	784,307	645,772	1,282,533	706,613	575,920	147,546	77,694	69,852	---	---	---
1917	981,239	538,523	442,716	882,735	486,208	396,527	98,504	52,315	46,189	---	---	---
1916	924,971	504,887	420,084	842,597	461,432	381,165	82,374	43,455	38,919	78,715	41,002	37,713
1915	815,500	443,928	371,572	762,289	415,476	346,813	53,211	28,452	24,759	49,767	26,111	23,656
1914	810,914	443,622	367,292	758,600	415,493	343,107	52,314	28,129	24,185	49,135	25,950	23,185
1913	802,909	440,347	362,562	752,265	413,225	339,040	50,644	27,122	23,522	---	---	---

Table 1-1. Deaths by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-90—Con.

(Page 2 of 2)

[Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix.]

Area and year	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
DEATH-REGISTRATION STATES [4]—Con.												
1912	745,771	408,093	337,678	709,531	388,302	321,229	36,240	19,791	16,449	---	---	---
1911	749,918	408,133	341,785	713,244	388,238	325,006	36,674	19,895	16,779	33,722	17,850	15,872
1910	696,856	380,073	316,783	669,475	365,042	304,433	27,381	15,031	12,350	24,908	13,151	11,757
1909	630,057	341,551	288,506	603,551	327,153	276,398	26,506	14,398	12,108	23,579	12,428	11,151
1908	567,245	307,359	259,886	542,800	294,173	248,627	24,445	13,186	11,259	21,700	11,226	10,474
1907	550,245	299,799	250,446	525,259	286,269	238,990	24,986	13,530	11,456	22,482	11,759	10,723
1906	531,005	287,691	243,314	506,553	274,579	231,974	24,452	13,112	11,340	22,120	11,488	10,632
1905	345,863	183,085	162,778	334,344	177,105	157,239	11,519	5,980	5,539	11,103	5,700	5,403
1904	349,855	184,991	164,864	338,301	178,963	159,338	11,554	6,028	5,526	11,129	5,729	5,400
1903	327,295	172,623	154,672	316,650	167,134	149,516	10,645	5,489	5,156	10,273	5,231	5,042
1902	318,636	168,639	149,997	308,550	163,387	145,163	10,086	5,252	4,834	9,718	4,986	4,732
1901	332,203	174,867	157,336	321,948	169,530	152,418	10,255	5,337	4,918	9,834	5,030	4,804
1900	343,217	179,016	164,201	332,810	173,731	159,079	10,407	5,285	5,122	9,954	4,972	4,982

[1] Alaska included in 1959 and Hawaii in 1960.

[2] Deaths based on a 50-percent sample.

[3] Figures by race exclude data for residents of New Jersey; see Technical Appendix.

[4] Increased in number from 10 States and the District of Columbia in 1900 to the entire conterminous United States in 1933.

Table 1-2. Death Rates by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-90

(Page 1 of 2)

[Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix. Rates per 1,000 population residing in area for specified group]

Area and year	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
UNITED STATES [1]												
1990	8.6	9.2	8.1	8.9	9.3	8.5	7.4	8.5	6.3	8.7	10.1	7.5
1989 [2]	8.7	9.3	8.2	8.9	9.4	8.5	7.6	8.7	6.5	8.9	10.3	7.6
1988 [2]	8.9	9.5	8.3	9.1	9.6	8.7	7.6	8.8	6.5	8.9	10.3	7.6
1987 [2]	8.8	9.4	8.2	9.0	9.5	8.5	7.5	8.6	6.4	8.7	10.1	7.5
1986 [2]	8.8	9.4	8.1	9.0	9.6	8.4	7.5	8.7	6.4	8.6	10.0	7.4
1985 [2]	8.8	9.5	8.1	9.0	9.6	8.4	7.4	8.6	6.4	8.5	9.9	7.3
1984 [2]	8.7	9.3	8.2	8.9	9.4	8.5	7.6	8.7	6.5	8.9	10.3	7.6
1983 [2]	8.6	9.4	7.9	8.9	9.6	8.2	7.4	8.6	6.3	8.4	9.7	7.2
1982 [2]	8.5	9.4	7.7	8.7	9.5	8.0	7.3	8.6	6.2	8.2	9.7	7.0
1981 [2]	8.6	9.5	7.7	8.8	9.7	8.0	7.5	8.9	6.3	8.4	9.9	7.1
1980	8.8	9.8	7.9	8.9	9.8	8.1	7.9	9.4	6.6	8.8	10.3	7.3
1979	8.5	9.6	7.5	8.7	9.6	7.7	7.7	9.2	6.4	8.4	10.0	7.0
1978	8.7	9.8	7.6	8.8	9.8	7.8	7.9	9.4	6.5	8.6	10.2	7.1
1977	8.6	9.8	7.6	8.7	9.8	7.7	8.0	9.5	6.6	8.6	10.3	7.2
1976	8.8	9.9	7.7	8.9	10.0	7.8	8.1	9.7	6.7	8.8	10.4	7.2
1975	8.8	10.0	7.6	8.9	10.0	7.8	8.2	9.9	6.7	8.8	10.6	7.3
1974	9.1	10.3	7.9	9.1	10.3	8.0	8.6	10.3	7.1	9.2	10.9	7.6
1973	9.3	10.7	8.1	9.4	10.6	8.2	9.0	10.8	7.5	9.6	11.4	8.0
1972 [3]	9.4	10.7	8.1	9.4	10.7	8.2	9.2	11.0	7.5	9.7	11.6	8.0
1971	9.3	10.7	8.0	9.3	10.7	8.1	9.2	10.9	7.6	9.7	11.5	8.1
1970	9.5	10.9	8.1	9.5	10.9	8.1	9.4	11.2	7.8	10.0	11.9	8.3
1969	9.5	11.0	8.1	9.5	11.0	8.2	9.6	11.5	8.0	10.1	12.0	8.4
1968	9.7	11.2	8.2	9.6	11.1	8.2	9.9	11.7	8.2	10.4	12.2	8.7
1967	9.4	10.9	8.0	9.4	10.8	8.0	9.4	11.0	7.9	9.8	11.5	8.3
1966	9.5	11.0	8.1	9.5	11.0	8.1	9.7	11.4	8.2	10.2	11.8	8.6
1965	9.4	10.9	8.0	9.4	10.9	8.0	9.7	11.2	8.2	10.1	11.6	8.6
1964	9.4	10.9	8.0	9.4	10.8	8.0	9.7	11.2	8.3	10.1	11.7	8.7
1963 [4]	9.6	11.1	8.2	9.5	11.0	8.1	10.1	11.6	8.7	---	---	---
1962 [4]	9.5	10.9	8.1	9.4	10.8	8.0	9.8	11.2	8.5	---	---	---
1961	9.3	10.7	7.9	9.3	10.7	7.8	9.6	11.0	8.4	9.9	11.3	8.7
1960	9.5	11.0	8.1	9.5	11.0	8.0	10.1	11.5	8.7	10.4	11.8	9.1
1959	9.4	10.8	8.0	9.3	10.8	7.9	9.9	11.3	8.6	---	---	---
1958	9.5	11.0	8.1	9.4	10.9	8.0	10.3	11.6	9.0	---	---	---
1957	9.6	11.1	8.1	9.5	11.0	8.0	10.5	11.9	9.1	---	---	---
1956	9.4	10.8	7.9	9.3	10.8	7.8	10.1	11.4	8.8	---	---	---
1955	9.3	10.8	7.9	9.2	10.7	7.8	10.0	11.3	8.8	---	---	---
1954	9.2	10.7	7.8	9.1	10.6	7.6	10.1	11.4	8.8	---	---	---
1953	9.6	11.1	8.1	9.4	11.0	8.0	10.8	12.3	9.4	---	---	---
1952	9.6	11.1	8.1	9.4	11.0	8.0	11.0	12.5	9.6	---	---	---
1951	9.7	11.1	8.2	9.5	11.0	8.0	11.1	12.5	9.8	---	---	---
1950	9.6	11.1	8.2	9.5	10.9	8.0	11.2	12.5	9.9	---	---	---
1949	9.7	11.1	8.3	9.5	11.0	8.1	11.2	12.5	10.0	---	---	---
1948	9.9	11.3	8.5	9.7	11.2	8.3	11.4	12.7	10.1	---	---	---
1947	10.1	11.5	8.7	9.9	11.4	8.5	11.4	12.5	10.3	---	---	---
1946	10.0	11.3	8.6	9.8	11.2	8.5	11.1	12.2	10.0	---	---	---
1945	10.6	12.6	8.8	10.4	12.5	8.6	11.9	13.5	10.5	---	---	---
1944	10.6	12.4	9.0	10.4	12.2	8.8	12.4	13.8	11.1	---	---	---
1943	10.9	12.4	9.4	10.7	12.2	9.2	12.8	14.0	11.6	---	---	---
1942	10.3	11.7	9.0	10.1	11.4	8.7	12.7	14.0	11.4	---	---	---
1941	10.5	11.8	9.2	10.2	11.4	8.9	13.5	14.8	12.2	---	---	---
1940	10.8	12.0	9.5	10.4	11.6	9.2	13.8	15.1	12.6	---	---	---
1939	10.6	11.7	9.5	10.3	11.3	9.2	13.5	14.7	12.4	---	---	---
1938	10.6	11.7	9.6	10.3	11.3	9.2	14.0	15.2	12.9	---	---	---
1937	11.3	12.5	10.0	10.8	12.0	9.6	14.9	16.4	13.4	---	---	---
1936	11.6	12.7	10.4	11.1	12.3	9.9	15.4	16.9	13.9	---	---	---
1935	10.9	12.0	9.9	10.6	11.6	9.5	14.3	15.6	13.0	---	---	---
1934	11.1	12.1	10.0	10.6	11.7	9.6	14.8	16.0	13.5	---	---	---
1933	10.7	11.6	9.7	10.3	11.2	9.3	14.1	15.1	13.1	---	---	---
DEATH-REGISTRATION STATES [5]												
1932	10.9	11.7	10.0	10.5	11.3	9.6	14.5	15.4	13.5	---	---	---
1931	11.1	12.0	10.1	10.6	11.5	9.6	15.5	16.5	14.5	---	---	---
1930	11.3	12.3	10.4	10.8	11.7	9.8	16.3	17.4	15.3	---	---	---
1929	11.9	12.8	11.0	11.3	12.2	10.4	16.9	18.0	15.8	---	---	---
1928	12.0	12.8	11.1	11.4	12.3	10.5	17.1	18.0	16.2	---	---	---
1927	11.3	12.1	10.5	10.8	11.6	10.0	16.4	17.2	15.6	---	---	---
1926	12.1	12.9	11.3	11.6	12.3	10.8	17.8	18.7	16.9	---	---	---
1925	11.7	12.4	10.9	11.1	11.8	10.4	17.4	18.2	16.6	---	---	---
1924	11.6	12.3	10.9	11.0	11.8	10.3	17.1	17.9	16.3	---	---	---
1923	12.1	12.7	11.5	11.7	12.3	11.0	16.5	17.0	16.0	---	---	---
1922	11.7	12.3	11.1	11.3	11.9	10.7	15.2	15.7	14.8	---	---	---
1921	11.5	11.9	11.0	11.1	11.6	10.6	15.5	15.7	15.4	---	---	---
1920	13.0	13.4	12.6	12.6	13.0	12.1	17.7	17.8	17.5	---	---	---
1919	12.9	13.5	12.3	12.4	13.0	11.8	17.9	18.1	17.8	---	---	---
1918	18.1	19.8	16.4	17.5	19.3	15.8	25.6	26.7	24.4	---	---	---
1917	14.0	15.0	12.9	13.5	14.6	12.4	20.4	21.4	19.4	---	---	---
1916	13.8	14.8	12.8	13.4	14.4	12.4	19.1	19.9	18.4	---	---	---
1915	13.2	14.0	12.3	12.9	13.7	12.0	20.2	20.8	19.5	---	---	---
1914	13.3	14.2	12.4	13.0	13.9	12.1	20.2	20.9	19.4	---	---	---
1913	13.8	14.8	12.8	13.5	14.5	12.5	20.3	21.0	19.6	---	---	---

Table 1-2. Death Rates by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-90—Con.
(Page 2 of 2)

[Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix. Rates per 1,000 population residing in area for specified group]

Area and year	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
DEATH-REGISTRATION STATES [5]—Con.												
1912	13.6	14.5	12.7	13.4	14.3	12.4	20.6	21.3	19.7	---	---	---
1911	13.9	14.7	13.0	13.7	14.5	12.8	21.3	21.9	20.6	---	---	---
1910	14.7	15.6	13.7	14.5	15.4	13.6	21.7	22.3	21.0	---	---	---
1909	14.2	15.1	13.4	14.0	14.9	13.2	21.8	22.3	21.2	---	---	---
1908	14.7	15.5	13.8	14.5	15.3	13.6	22.4	22.8	22.0	---	---	---
1907	15.9	17.0	14.8	15.7	16.8	14.5	24.3	25.0	23.5	---	---	---
1906	15.7	16.7	14.7	15.5	16.5	14.4	24.2	24.7	23.6	---	---	---
1905	15.9	16.7	15.0	15.7	16.5	14.8	25.5	26.8	24.3	---	---	---
1904	16.4	17.3	15.5	16.2	17.1	15.3	26.1	27.6	24.7	---	---	---
1903	15.6	16.4	14.8	15.4	16.2	14.6	24.5	25.5	23.4	---	---	---
1902	15.5	16.4	14.6	15.3	16.2	14.4	23.6	24.8	22.3	---	---	---
1901	16.4	17.3	15.6	16.2	17.1	15.4	24.3	25.6	23.1	---	---	---
1900	17.2	17.9	16.5	17.0	17.7	16.3	25.0	25.7	24.4	---	---	---

[1] Alaska included in 1959 and Hawaii in 1960.
[2] Rates are revised and, therefore, may differ from those published in Vital Statistics of the United States, 1989 Vol II, Mortality, Part A, and earlier years; see Technical Appendix.
[3] Deaths based on a 50-percent sample.
[4] Figures by race exclude data for residents of New Jersey; see Technical Appendix.
[5] Increased in number from 10 States and the District of Columbia in 1900 to the entire conterminous United States in 1933.

Table 1-3. Age-Adjusted Death Rates by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-90

(Page 1 of 2)

[Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix. Rates per 1,000 population. Computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940; see Technical Appendix]

Area and year	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
UNITED STATES [1]												
1990	5.2	6.8	3.9	4.9	6.5	3.7	6.9	9.1	5.1	7.9	10.6	5.8
1989 [2]	5.3	6.9	4.0	5.0	6.5	3.8	7.0	9.3	5.3	8.1	10.8	5.9
1988 [2]	5.4	7.1	4.1	5.1	6.7	3.9	7.1	9.4	5.3	8.1	10.8	6.0
1987 [2]	5.4	7.1	4.0	5.1	6.7	3.8	7.0	9.3	5.3	8.0	10.6	5.9
1986 [2]	5.4	7.2	4.1	5.2	6.8	3.9	7.1	9.3	5.3	8.0	10.6	5.9
1985 [2]	5.5	7.2	4.1	5.2	6.9	3.9	7.1	9.3	5.4	7.9	10.5	5.9
1984 [2]	5.5	7.2	4.1	5.3	6.9	3.9	7.0	9.2	5.3	7.8	10.4	5.9
1983 [2]	5.5	7.3	4.1	5.3	7.0	3.9	7.1	9.3	5.4	7.9	10.4	6.0
1982 [2]	5.5	7.3	4.1	5.3	7.1	3.9	7.1	9.3	5.3	7.8	10.4	5.9
1981 [2]	5.7	7.5	4.2	5.4	7.2	4.0	7.3	9.6	5.5	8.1	10.7	6.0
1980	5.9	7.8	4.3	5.6	7.5	4.1	7.7	10.1	5.8	8.4	11.1	6.3
1979	5.8	7.7	4.2	5.5	7.4	4.0	7.6	9.9	5.7	8.1	10.7	6.1
1978	6.0	7.9	4.4	5.7	7.6	4.2	7.8	10.2	5.9	8.3	10.9	6.2
1977	6.0	8.0	4.4	5.8	7.7	4.2	8.0	10.4	6.0	8.5	11.1	6.4
1976	6.2	8.2	4.6	5.9	7.9	4.3	8.2	10.6	6.2	8.7	11.4	6.5
1975	6.3	8.4	4.6	6.0	8.0	4.4	8.4	10.9	6.3	8.9	11.6	6.7
1974	6.6	8.7	4.9	6.3	8.4	4.6	8.9	11.4	6.8	9.4	12.2	7.2
1973	6.9	9.1	5.1	6.5	8.7	4.8	9.4	12.0	7.3	9.9	12.7	7.6
1972 [3]	7.0	9.2	5.2	6.6	8.8	4.9	9.6	12.2	7.4	10.1	13.0	7.7
1971	7.0	9.1	5.2	6.6	8.8	4.9	9.6	12.1	7.5	10.1	12.8	7.8
1970	7.1	9.3	5.3	6.8	8.9	5.0	9.8	12.3	7.7	10.4	13.2	8.1
1969	7.3	9.5	5.4	6.9	9.1	5.1	10.2	12.7	8.0	10.7	13.4	8.4
1968	7.4	9.7	5.6	7.1	9.2	5.2	10.5	12.9	8.3	10.9	13.6	8.7
1967	7.3	9.4	5.5	6.9	9.0	5.1	9.9	12.1	8.0	10.3	12.7	8.3
1966	7.4	9.5	5.6	7.1	9.2	5.3	10.2	12.4	8.3	10.6	13.0	8.6
1965	7.4	9.5	5.6	7.0	9.1	5.3	10.1	12.2	8.3	10.5	12.7	8.6
1964	7.4	9.4	5.7	7.1	9.1	5.3	10.2	12.1	8.5	10.5	12.6	8.7
1963 [4]	7.6	9.6	5.8	7.2	9.2	5.4	10.5	12.4	8.8	---	---	---
1962 [4]	7.5	9.4	5.8	7.1	9.0	5.4	10.2	11.9	8.7	---	---	---
1961	7.4	9.2	5.7	7.0	8.9	5.4	10.0	11.6	8.5	10.3	12.0	8.8
1960	7.6	9.5	5.9	7.3	9.2	5.6	10.5	12.1	8.9	10.7	12.5	9.2
1959	7.5	9.3	5.9	7.2	9.0	5.5	10.3	11.9	8.8	---	---	---
1958	7.6	9.4	6.0	7.3	9.1	5.6	10.6	12.2	9.2	---	---	---
1957	7.8	9.6	6.1	7.4	9.2	5.7	10.8	12.4	9.4	---	---	---
1956	7.6	9.4	6.0	7.3	9.1	5.7	10.5	11.9	9.1	---	---	---
1955	7.6	9.3	6.1	7.3	9.1	5.7	10.4	11.9	9.1	---	---	---
1954	7.6	9.3	6.1	7.3	9.0	5.7	10.6	12.0	9.2	---	---	---
1953	8.0	9.8	6.4	7.7	9.4	6.1	11.4	13.0	9.9	---	---	---
1952	8.2	9.8	6.6	7.8	9.4	6.2	11.7	13.3	10.2	---	---	---
1951	8.3	9.9	6.7	7.9	9.6	6.3	11.9	13.3	10.5	---	---	---
1950	8.4	10.0	6.9	8.0	9.6	6.5	12.3	13.6	11.0	---	---	---
1949	8.5	10.1	7.0	8.1	9.7	6.6	12.3	13.5	11.1	---	---	---
1948	8.8	10.3	7.3	8.3	10.0	6.8	12.5	13.8	11.2	---	---	---
1947	9.0	10.5	7.5	8.6	10.1	7.1	12.5	13.6	11.4	---	---	---
1946	9.1	10.6	7.7	8.8	10.2	7.3	12.4	13.5	11.3	---	---	---
1945	9.5	11.1	8.0	9.1	10.7	7.5	13.1	14.5	11.9	---	---	---
1944	9.7	11.2	8.3	9.3	10.8	7.8	13.8	14.9	12.6	---	---	---
1943	10.2	11.6	8.7	9.7	11.2	8.2	14.5	15.7	13.4	---	---	---
1942	9.9	11.4	8.5	9.4	10.9	8.0	14.5	15.8	13.3	---	---	---
1941	10.3	11.7	8.9	9.7	11.2	8.3	15.6	16.9	14.3	---	---	---
1940	10.8	12.1	9.4	10.2	11.6	8.8	16.3	17.6	15.0	---	---	---
1939	10.7	12.0	9.5	10.2	11.4	8.9	16.0	17.1	14.9	---	---	---
1938	10.9	12.1	9.7	10.3	11.5	9.1	16.6	17.7	15.5	---	---	---
1937	11.7	13.1	10.3	11.1	12.4	9.7	17.8	19.2	16.3	---	---	---
1936	12.2	13.5	10.8	11.5	12.8	10.1	18.5	20.1	17.0	---	---	---
1935	11.6	12.9	10.4	11.1	12.3	9.8	17.3	18.5	16.1	---	---	---
1934	11.9	13.1	10.7	11.3	12.5	10.0	17.9	19.0	16.7	---	---	---
1933	11.6	12.7	10.5	11.0	12.2	9.9	17.2	18.1	16.4	---	---	---
DEATH-REGISTRATION STATES [5]												
1932	11.9	12.9	10.8	11.3	12.3	10.2	17.8	18.6	17.0	---	---	---
1931	12.1	13.2	11.0	11.4	12.5	10.3	19.0	19.9	18.1	---	---	---
1930	12.5	13.5	11.3	11.7	12.8	10.6	20.1	21.0	19.2	---	---	---
1929	13.2	14.2	12.1	12.4	13.5	11.4	21.0	21.9	20.0	---	---	---
1928	13.4	14.4	12.3	12.6	13.6	11.5	20.9	21.7	20.2	---	---	---
1927	12.6	13.5	11.6	11.9	12.8	10.9	19.8	20.4	19.3	---	---	---
1926	13.5	14.3	12.5	12.7	13.6	11.8	21.4	22.1	20.8	---	---	---
1925	13.0	13.8	12.2	12.3	13.2	11.4	20.9	21.4	20.4	---	---	---
1924	12.9	13.7	12.1	12.2	13.1	11.3	20.5	21.1	20.0	---	---	---
1923	13.5	14.2	12.8	12.9	13.7	12.1	19.8	20.0	19.7	---	---	---
1922	13.0	13.7	12.4	12.6	13.3	11.8	18.3	18.4	18.4	---	---	---
1921	12.7	13.2	12.1	12.2	12.7	11.6	18.2	18.0	18.6	---	---	---
1920	14.2	14.7	13.8	13.7	14.2	13.1	20.6	20.4	21.0	---	---	---
1919	14.0	14.6	13.4	13.4	14.1	12.8	20.5	20.3	20.8	---	---	---
1918	19.0	20.9	17.3	18.4	20.2	16.6	28.0	28.9	27.1	---	---	---
1917	15.3	16.5	14.0	14.7	16.0	13.4	23.4	24.1	22.7	---	---	---
1916	15.1	16.2	13.9	14.7	15.8	13.4	22.2	22.6	21.6	---	---	---
1915	14.4	15.4	13.4	14.1	15.1	13.0	23.1	23.5	22.6	---	---	---
1914	14.5	15.6	13.4	14.1	15.2	13.0	22.6	23.3	21.9	---	---	---
1913	15.0	16.1	13.7	14.6	15.8	13.4	22.7	23.3	22.0	---	---	---

Table 1-3. Age-Adjusted Death Rates by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-90—Con.
(Page 2 of 2)

[Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix. Rates per 1,000 population. Computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940; see Technical Appendix]

Area and year	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
DEATH-REGISTRATION STATES [5]—Con.												
1912	14.8	16.0	13.7	14.6	15.7	13.4	23.1	24.0	22.2	---	---	---
1911	15.2	16.2	14.1	14.9	15.9	13.8	23.7	24.4	22.9	---	---	---
1910	15.8	16.9	14.6	15.6	16.7	14.4	24.1	24.8	23.2	---	---	---
1909	15.3	16.3	14.2	15.0	16.1	14.0	24.1	24.8	23.3	---	---	---
1908	15.8	16.8	14.6	15.5	16.6	14.4	24.7	25.3	24.1	---	---	---
1907	17.1	18.4	15.7	16.8	18.2	15.4	26.6	27.5	25.7	---	---	---
1906	16.7	17.9	15.4	16.4	17.6	15.1	26.2	27.0	25.5	---	---	---
1905	16.7	17.8	15.7	16.5	17.6	15.4	28.3	29.7	26.9	---	---	---
1904	17.3	18.4	16.2	17.1	18.1	16.0	29.1	30.7	27.4	---	---	---
1903	16.5	17.4	15.5	16.2	17.2	15.3	27.2	28.5	25.9	---	---	---
1902	16.2	17.2	15.1	16.0	17.0	14.9	25.9	27.5	24.5	---	---	---
1901	17.2	18.2	16.2	17.0	18.0	16.0	26.9	28.4	25.5	---	---	---
1900	17.8	18.6	17.0	17.6	18.4	16.8	27.8	28.7	27.1	---	---	---

[1] Alaska included in 1959 and Hawaii in 1960.
[2] Rates are revised and, therefore, may differ from those published in Vital Statistics of the United States,1989 Vol II, Mortality, Part A, and earlier years; see Technical Appendix.
[3] Deaths based on a 50-percent sample.
[4] Figures by race exclude data for residents of New Jersey; see Technical Appendix.
[5] Increased in number from 10 States and the District of Columbia in 1900 to the entire conterminous United States in 1933.

Table 1-4. Death Rates by 10-Year Age Groups, Race, and Sex: United States, 1970 and 1976-90

(Page 1 of 3)

[Rates per 100,000 population in specified group]

Year, race, and sex	Total [1]	Under 1 year [2]	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 RACES												
1990	863.8	971.9	46.8	24.0	99.2	139.2	223.2	473.4	1,196.9	2,648.6	6,007.2	15,327.4
1989 [3]	871.3	1,027.9	49.8	25.7	97.6	140.0	222.2	480.1	1,224.3	2,693.8	6,083.3	15,409.6
1988 [3]	886.7	1,035.7	51.5	26.1	100.0	137.1	220.2	490.5	1,253.8	2,771.7	6,262.1	15,934.5
1987 [3]	876.4	1,037.2	52.1	25.9	97.8	134.7	214.6	501.9	1,256.6	2,789.4	6,232.2	15,559.6
1986 [3]	876.7	1,051.1	52.4	26.2	100.9	133.4	213.3	508.2	1,268.7	2,833.3	6,300.9	15,589.8
1985 [3]	876.9	1,088.1	51.8	26.5	94.9	124.4	207.7	519.3	1,294.2	2,862.8	6,398.7	15,712.4
1984 [3]	864.8	1,108.1	52.2	26.9	95.9	121.9	205.1	523.6	1,297.1	2,866.2	6,364.5	15,393.7
1983 [3]	863.7	1,113.4	56.1	27.0	95.3	121.3	202.8	536.3	1,306.7	2,890.3	6,420.9	15,463.2
1982 [3]	852.4	1,163.6	58.2	28.2	100.8	125.1	208.0	548.9	1,302.8	2,884.7	6,363.0	15,048.3
1981 [3]	862.0	1,200.6	60.6	29.3	106.9	131.8	221.8	572.3	1,323.4	2,924.2	6,447.6	15,432.1
1980	878.3	1,288.3	63.9	30.6	115.4	135.5	227.9	584.0	1,346.3	2,994.9	6,692.6	15,980.3
1979	852.2	1,332.9	64.2	31.5	114.8	133.0	229.8	589.7	1,338.0	2,929.0	6,496.6	14,962.4
1978	868.0	1,381.4	67.9	33.2	115.0	131.7	238.7	610.4	1,387.1	3,015.9	6,709.7	15,479.6
1977	864.4	1,432.6	67.6	34.0	114.8	132.8	247.3	621.2	1,408.5	3,044.1	6,755.7	15,369.0
1976	877.6	1,549.4	68.8	34.2	111.7	133.2	253.9	635.3	1,452.3	3,118.1	6,952.0	16,058.6
1970	945.3	2,142.4	84.5	41.3	127.7	157.4	314.5	730.0	1,658.8	3,582.7	8,004.4	16,344.9
MALE												
1990	918.4	1,082.8	52.4	28.5	147.4	204.3	310.4	610.3	1,553.4	3,491.5	7,888.6	18,056.6
1989 [3]	926.3	1,133.4	54.8	30.5	142.4	204.4	307.5	622.4	1,595.6	3,558.4	7,957.3	18,018.7
1988 [3]	945.1	1,145.0	57.1	31.2	146.8	199.5	302.0	632.8	1,635.0	3,682.2	8,237.0	18,711.0
1987 [3]	939.3	1,150.3	58.0	32.2	142.7	195.0	292.4	647.5	1,648.7	3,717.1	8,241.0	18,211.9
1986 [3]	944.7	1,174.0	58.4	32.0	148.5	194.9	288.6	656.1	1,669.9	3,786.6	8,360.4	18,350.8
1985 [3]	948.6	1,219.9	58.5	31.8	138.9	179.6	278.9	671.6	1,711.4	3,856.3	8,501.6	18,614.1
1984 [3]	938.8	1,223.1	57.3	32.3	139.9	175.2	270.6	678.9	1,720.4	3,866.8	8,440.6	18,313.1
1983 [3]	943.2	1,229.6	63.5	32.6	139.1	174.1	266.9	695.0	1,736.8	3,924.7	8,547.3	18,394.9
1982 [3]	938.4	1,291.5	64.0	34.0	149.2	180.5	273.5	717.7	1,739.6	3,932.0	8,421.8	17,930.8
1981 [3]	954.0	1,324.6	67.7	35.6	158.2	190.2	292.7	749.3	1,774.5	3,999.9	8,536.9	18,241.7
1980	976.9	1,428.5	72.6	36.7	172.3	196.1	299.2	767.3	1,815.1	4,105.2	8,816.7	18,801.1
1979	957.5	1,482.0	71.0	38.4	171.0	192.3	301.0	778.9	1,815.4	4,048.9	8,565.4	17,604.4
1978	977.5	1,532.8	76.7	40.5	169.4	186.8	311.6	802.1	1,884.5	4,181.5	8,835.6	18,211.8
1977	978.9	1,599.7	75.2	41.8	169.2	188.5	321.2	818.1	1,915.7	4,224.3	8,898.1	18,071.6
1976	993.8	1,715.0	76.9	41.9	164.8	187.0	329.8	837.7	1,981.6	4,331.4	9,077.8	18,666.5
1970	1,090.3	2,410.0	93.2	50.5	188.5	215.3	402.6	958.5	2,282.7	4,873.8	10,010.2	17,821.5
FEMALE												
1990	812.0	855.7	41.0	19.3	49.0	74.2	137.9	342.7	878.8	1,991.2	4,883.1	14,274.3
1989 [3]	818.9	917.0	44.5	20.6	50.9	75.7	138.9	344.5	893.8	2,020.1	4,966.6	14,395.1
1988 [3]	831.2	921.1	45.5	20.6	51.5	74.8	140.4	355.0	915.6	2,063.8	5,091.0	14,850.7
1987 [3]	816.7	918.7	45.8	19.2	51.2	74.5	139.0	363.6	909.4	2,069.4	5,044.7	14,514.4
1986 [3]	812.3	922.9	46.2	20.0	51.9	72.1	140.1	368.1	914.0	2,095.8	5,088.2	14,494.1
1985 [3]	809.1	950.6	44.8	21.0	49.6	69.4	138.7	375.2	925.6	2,096.9	5,162.1	14,553.9
1984 [3]	794.7	987.4	46.8	21.2	50.9	68.9	141.7	376.9	923.7	2,097.6	5,144.4	14,213.6
1983 [3]	788.4	991.5	48.4	21.1	50.5	69.0	140.8	386.7	928.1	2,096.5	5,170.6	14,261.6
1982 [3]	771.2	1,029.7	52.1	22.2	51.4	70.4	144.8	390.1	918.7	2,082.7	5,151.5	13,846.7
1981 [3]	775.0	1,070.0	53.1	22.8	54.6	74.1	153.5	406.4	927.0	2,100.9	5,218.6	14,228.3
1980	785.3	1,141.7	54.7	24.2	57.5	75.9	159.3	412.9	934.3	2,144.7	5,440.1	14,746.9
1979	752.7	1,176.6	57.0	24.3	57.6	74.8	161.4	413.4	917.7	2,072.3	5,270.7	13,788.2
1978	764.5	1,222.7	58.8	25.6	59.6	77.5	168.6	431.7	948.2	2,125.3	5,444.1	14,245.0
1977	756.0	1,257.0	59.7	25.8	59.6	78.2	176.4	437.9	959.8	2,141.1	5,473.5	14,127.6
1976	767.6	1,375.2	60.4	26.1	57.7	80.5	181.1	447.1	983.8	2,188.8	5,668.4	14,833.6
1970	807.8	1,863.7	75.4	31.8	68.1	101.6	231.1	517.2	1,098.9	2,579.7	6,677.6	15,518.0
WHITE												
1990	888.0	795.7	41.1	22.3	89.7	119.3	192.8	427.2	1,129.6	2,573.1	5,963.2	15,465.0
1989 [3]	893.2	842.7	43.7	23.8	89.5	120.6	190.9	431.5	1,154.3	2,612.1	6,030.2	15,548.3
1988 [3]	910.5	861.9	46.2	24.1	93.3	118.1	189.6	442.5	1,185.0	2,696.0	6,213.1	16,128.4
1987 [3]	900.1	864.9	46.8	24.3	92.4	117.3	185.7	455.3	1,192.2	2,715.3	6,189.8	15,743.4
1986 [3]	900.1	885.8	47.0	24.6	97.5	116.5	185.8	461.7	1,203.0	2,763.5	6,259.3	15,763.6
1985 [3]	900.4	931.3	46.6	25.0	91.9	109.5	182.1	474.1	1,226.5	2,789.2	6,356.1	15,937.5
1984 [3]	887.8	949.1	47.2	25.5	93.9	108.1	179.9	479.3	1,230.0	2,797.0	6,329.2	15,658.3
1983 [3]	885.4	951.0	51.0	25.6	92.5	107.7	178.8	491.5	1,237.7	2,820.6	6,391.3	15,732.0
1982 [3]	873.1	996.6	53.2	27.0	98.0	110.1	183.4	503.7	1,237.6	2,824.0	6,348.0	15,317.4
1981 [3]	880.4	1,031.1	54.7	28.1	104.4	116.1	193.2	524.4	1,257.1	2,860.7	6,433.1	15,685.9
1980	892.5	1,099.9	57.9	29.1	112.0	118.4	197.2	531.6	1,276.7	2,921.1	6,664.9	16,220.0
1979	865.2	1,135.5	57.5	30.1	111.8	115.8	198.6	538.5	1,272.5	2,861.7	6,501.9	15,223.1
1978	880.2	1,169.2	61.2	31.5	111.6	114.9	206.3	559.2	1,318.5	2,945.8	6,734.8	15,761.1
1977	874.6	1,221.4	61.1	32.4	110.8	114.9	213.6	567.6	1,338.2	2,969.5	6,790.6	15,642.8
1976	887.7	1,320.1	62.8	32.7	106.0	113.7	218.7	580.6	1,383.5	3,039.8	7,007.5	16,372.5
1970	946.3	1,869.7	75.1	39.1	115.8	129.9	267.0	666.2	1,577.1	3,490.1	8,043.3	16,889.7

Table 1-4. Death Rates by 10-Year Age Groups, Race, and Sex: United States, 1970 and 1976-90—Con.
(Page 2 of 3)
[Rates per 100,000 population in specified group]

Year, race, and sex	Total [1]	Under 1 year [2]	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
WHITE, MALE												
1990	930.9	896.1	45.9	26.4	131.3	176.1	268.2	548.7	1,467.2	3,397.7	7,844.9	18,268.3
1989 [3]	936.5	940.7	48.3	28.4	128.6	177.0	263.4	556.0	1,504.1	3,455.1	7,913.4	18,241.7
1988 [3]	957.9	964.2	51.5	29.2	135.8	172.6	259.5	568.6	1,546.7	3,588.1	8,196.7	19,020.8
1987 [3]	952.7	964.9	52.4	30.2	134.2	170.3	251.6	586.4	1,567.0	3,626.3	8,212.2	18,486.0
1986 [3]	958.6	993.8	52.6	30.1	143.1	171.0	250.1	595.4	1,586.3	3,702.1	8,333.5	18,628.8
1985 [3]	963.6	1,056.5	52.8	30.1	134.2	158.8	243.1	611.7	1,625.8	3,770.7	8,486.1	18,980.1
1984 [3]	954.1	1,059.3	52.1	30.7	137.0	155.6	236.3	620.4	1,634.8	3,787.8	8,444.5	18,717.6
1983 [3]	957.7	1,055.7	57.6	31.1	135.5	154.5	234.4	637.5	1,649.8	3,849.3	8,553.9	18,805.0
1982 [3]	951.8	1,111.0	58.7	32.5	145.3	158.5	239.6	658.6	1,658.5	3,866.5	8,453.9	18,318.3
1981 [3]	965.2	1,147.7	61.0	34.1	154.3	167.1	253.5	685.3	1,692.4	3,935.8	8,571.5	18,598.9
1980	983.3	1,230.3	66.1	35.0	167.0	171.3	257.4	698.9	1,728.5	4,035.7	8,829.8	19,097.3
1979	963.3	1,276.0	64.2	36.6	167.0	166.7	257.5	711.3	1,734.5	3,991.5	8,624.0	17,924.0
1978	982.7	1,302.9	69.9	38.3	164.8	162.3	267.0	735.2	1,800.9	4,120.8	8,923.3	18,587.9
1977	983.0	1,377.4	68.1	39.7	164.0	162.0	275.7	748.9	1,831.8	4,165.2	9,006.7	18,420.8
1976	997.3	1,473.1	70.5	40.0	156.8	158.5	282.8	767.0	1,900.2	4,266.5	9,208.3	19,108.2
1970	1,086.7	2,113.2	83.6	48.0	170.8	176.6	343.5	882.9	2,202.6	4,810.1	10,098.8	18,551.7
WHITE, FEMALE												
1990	846.9	690.0	36.1	17.9	45.9	61.5	117.4	309.3	822.7	1,923.5	4,839.1	14,400.6
1989 [3]	851.8	739.5	38.8	19.0	48.4	63.1	118.5	310.8	837.5	1,948.5	4,910.6	14,526.1
1988 [3]	865.3	754.1	40.7	18.7	48.8	62.7	120.1	320.4	858.7	1,995.9	5,040.4	15,019.1
1987 [3]	849.8	760.3	40.9	18.0	48.7	63.4	120.2	328.5	855.3	2,002.5	5,000.5	14,681.4
1986 [3]	844.3	772.6	41.0	18.7	50.1	61.0	122.1	332.8	859.3	2,031.8	5,044.2	14,647.4
1985 [3]	840.1	799.3	40.0	19.5	48.1	59.4	121.9	341.7	869.1	2,027.1	5,111.6	14,745.4
1984 [3]	824.6	833.5	41.9	20.1	49.4	59.9	124.4	343.6	868.9	2,030.8	5,095.6	14,445.7
1983 [3]	816.4	840.5	44.0	19.8	48.0	60.3	124.1	351.5	870.8	2,026.6	5,129.2	14,495.0
1982 [3]	798.2	876.1	47.4	21.2	49.3	61.3	128.1	355.5	863.6	2,022.4	5,120.1	14,088.3
1981 [3]	799.8	908.1	48.0	21.6	53.1	64.7	134.0	370.8	871.1	2,035.3	5,187.6	14,466.7
1980	806.1	962.5	49.3	22.9	55.5	65.4	138.2	372.7	876.2	2,066.6	5,401.7	14,979.6
1979	771.8	986.7	50.4	23.2	55.2	64.7	140.9	374.5	862.8	1,997.9	5,258.6	14,027.9
1978	782.7	1,027.5	52.0	24.4	57.0	67.5	146.7	392.8	890.0	2,049.3	5,447.1	14,501.5
1977	771.3	1,056.7	53.7	24.8	56.3	67.8	152.8	396.4	899.0	2,057.2	5,482.8	14,384.9
1976	783.1	1,159.0	54.8	25.0	54.0	68.9	156.2	405.1	923.4	2,102.9	5,697.0	15,121.7
1970	812.6	1,614.6	66.1	29.9	61.6	84.1	193.3	462.9	1,014.9	2,470.7	6,698.7	15,980.2
ALL OTHER												
1990	737.9	1,645.0	69.3	31.3	139.9	236.4	389.8	758.9	1,676.1	3,301.0	6,438.7	13,868.8
1989 [3]	755.2	1,737.0	74.6	33.2	132.8	236.3	396.8	783.8	1,730.9	3,405.0	6,604.7	13,941.0
1988 [3]	758.6	1,733.6	73.0	34.1	130.1	233.4	394.5	792.0	1,764.6	3,437.5	6,744.9	13,872.6
1987 [3]	747.0	1,749.7	74.3	32.4	122.4	224.4	384.8	794.1	1,745.4	3,446.9	6,652.9	13,581.7
1986 [3]	747.3	1,758.5	75.8	33.0	117.0	222.6	377.6	803.4	1,780.3	3,453.8	6,708.3	13,700.4
1985 [3]	745.0	1,770.9	74.5	33.2	108.9	204.0	363.9	811.1	1,833.9	3,523.6	6,819.1	13,186.6
1984 [3]	733.2	1,805.7	74.1	32.8	105.7	197.0	362.1	816.2	1,841.4	3,488.0	6,713.2	12,494.0
1983 [3]	737.9	1,831.5	78.7	33.0	109.2	196.9	355.2	838.1	1,877.4	3,519.5	6,730.7	12,417.7
1982 [3]	730.7	1,910.3	80.5	33.9	115.0	210.1	366.5	861.1	1,851.8	3,432.8	6,517.7	12,098.5
1981 [3]	751.6	1,970.4	87.0	35.2	119.7	223.8	405.3	911.8	1,890.8	3,500.5	6,598.6	12,547.9
1980	791.7	2,148.5	91.4	37.4	133.6	239.1	428.9	967.7	1,954.9	3,671.0	6,984.3	13,227.1
1979	771.0	2,260.6	95.6	38.3	130.9	241.9	440.6	975.2	1,919.0	3,548.6	6,441.4	11,931.6
1978	790.0	2,405.1	99.9	41.5	133.6	239.4	458.3	1,004.5	2,005.4	3,670.7	6,452.1	12,250.0
1977	798.6	2,455.6	98.5	41.6	137.6	250.9	474.5	1,044.1	2,050.3	3,751.1	6,396.6	12,234.4
1976	812.1	2,670.8	97.5	41.8	144.2	264.3	492.8	1,076.5	2,087.3	3,868.6	6,380.9	12,375.8
1970	938.4	3,597.1	134.1	53.7	203.6	348.7	664.3	1,290.9	2,431.1	4,488.4	7,511.1	10,750.3
ALL OTHER, MALE												
1990	851.5	1,805.1	78.5	37.3	217.4	350.0	558.5	1,017.6	2,218.9	4,349.1	8,315.9	16,080.9
1989 [3]	871.5	1,881.4	81.9	39.2	203.7	348.2	571.8	1,065.2	2,311.7	4,506.9	8,384.3	15,953.1
1988 [3]	875.0	1,881.0	80.9	39.8	196.8	344.4	562.9	1,063.5	2,341.4	4,553.2	8,651.9	15,844.3
1987 [3]	864.1	1,932.7	82.2	40.7	182.4	330.8	550.3	1,056.5	2,316.7	4,569.5	8,518.0	15,645.5
1986 [3]	865.8	1,954.9	83.4	40.3	174.1	329.0	536.2	1,067.7	2,367.6	4,574.6	8,591.8	15,741.3
1985 [3]	861.7	1,942.4	83.8	39.3	161.8	298.9	514.9	1,085.8	2,438.1	4,655.1	8,622.5	15,164.4
1984 [3]	849.3	1,956.4	80.3	39.5	154.2	289.4	501.6	1,093.4	2,458.3	4,603.0	8,403.0	14,520.8
1983 [3]	856.9	2,011.2	89.8	39.1	157.1	290.7	489.8	1,112.3	2,495.9	4,619.8	8,483.7	14,248.6
1982 [3]	857.8	2,109.2	88.0	40.7	169.6	314.0	508.6	1,158.4	2,457.7	4,538.2	8,111.9	14,171.6
1981 [3]	885.7	2,146.6	98.4	42.5	178.6	335.5	563.3	1,238.8	2,512.8	4,584.9	8,201.4	14,685.9
1980	936.5	2,350.2	103.0	44.9	201.6	357.8	594.2	1,309.1	2,606.3	4,747.2	8,688.5	15,774.9
1979	920.3	2,468.0	103.7	47.1	193.6	366.3	619.7	1,327.6	2,563.9	4,577.3	7,973.5	14,262.7
1978	943.2	2,652.2	109.2	51.8	195.8	357.3	639.5	1,357.3	2,667.3	4,749.5	7,978.2	14,360.3
1977	951.7	2,692.3	109.2	52.4	199.5	377.3	653.8	1,402.2	2,710.2	4,773.4	7,875.1	14,510.7
1976	969.8	2,921.8	108.3	51.8	212.1	393.3	676.4	1,445.1	2,756.7	4,934.5	7,877.8	14,241.8
1970	1,115.9	4,020.0	144.7	65.0	304.6	504.1	873.5	1,646.1	3,046.6	5,474.4	8,981.0	11,405.2

Table 1-4. Death Rates by 10-Year Age Groups, Race, and Sex: United States, 1970 and 1976-90—Con.
(Page 3 of 3)
[Rates per 100,000 population in specified group]

Year, race, and sex	Total [1]	Under 1 year [2]	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 OTHER, FEMALE												
1990	634.2	1,480.7	59.9	25.1	61.7	133.1	243.0	537.4	1,251.5	2,552.3	5,313.8	12,863.1
1989 [3]	649.0	1,588.8	67.1	27.1	61.7	134.7	245.1	543.0	1,275.6	2,618.8	5,528.2	13,009.7
1988 [3]	652.5	1,582.7	65.1	28.2	63.3	133.0	248.8	560.1	1,311.9	2,637.7	5,595.6	12,950.9
1987 [3]	640.2	1,567.0	66.3	23.8	62.4	128.5	242.3	570.5	1,296.3	2,641.3	5,490.4	12,606.7
1986 [3]	639.3	1,556.9	68.0	25.5	60.0	127.1	241.2	578.8	1,315.4	2,646.4	5,537.0	12,719.2
1985 [3]	638.8	1,595.9	65.0	26.9	56.5	119.3	234.4	579.1	1,352.5	2,702.4	5,683.8	12,312.0
1984 [3]	627.6	1,651.8	67.8	25.9	57.9	114.8	242.6	583.1	1,347.5	2,681.7	5,655.3	11,487.6
1983 [3]	629.8	1,648.0	67.3	25.7	62.2	114.0	240.1	609.1	1,380.0	2,711.0	5,607.8	11,495.7
1982 [3]	615.4	1,702.1	72.9	27.0	61.7	118.6	245.2	614.1	1,362.4	2,617.4	5,486.2	10,963.2
1981 [3]	630.0	1,791.3	75.5	27.8	62.4	125.9	270.5	642.3	1,386.4	2,688.2	5,553.9	11,461.9
1980	660.6	1,944.1	79.5	29.8	68.0	135.7	288.3	687.8	1,423.1	2,856.2	5,863.3	11,922.3
1979	635.7	2,049.7	87.4	29.3	70.4	134.1	290.2	686.1	1,388.3	2,763.1	5,418.2	10,829.8
1978	651.0	2,151.8	90.4	31.2	73.7	137.6	306.2	713.2	1,456.0	2,835.5	5,425.2	11,239.4
1977	659.6	2,213.0	87.6	30.7	78.0	142.0	324.3	747.2	1,499.6	2,948.0	5,372.3	11,008.7
1976	668.6	2,425.3	86.5	31.8	78.8	153.2	339.1	768.0	1,526.9	3,025.4	5,357.7	11,328.6
1970	775.3	3,169.4	123.3	42.3	108.8	215.7	490.5	979.4	1,886.9	3,675.6	6,392.6	10,288.9
BLACK												
1990	871.0	1,925.9	76.8	34.4	159.9	287.5	484.1	921.4	1,961.2	3,718.0	6,923.5	14,394.6
1989 [3]	887.9	2,007.5	81.6	36.3	150.7	285.7	492.4	944.7	2,012.9	3,835.6	7,098.6	14,420.5
1988 [3]	888.3	2,017.0	81.8	37.2	145.2	280.1	489.8	946.0	2,039.3	3,851.4	7,251.1	14,427.6
1987 [3]	868.9	2,017.8	83.1	34.8	135.0	267.0	472.7	942.3	2,005.2	3,840.6	7,142.9	14,049.0
1986 [3]	864.9	2,018.7	84.6	35.4	126.5	262.3	459.1	945.6	2,041.8	3,844.9	7,172.6	14,187.6
1985 [3]	854.8	2,026.2	80.7	35.5	115.9	238.0	438.4	950.0	2,082.4	3,878.2	7,267.4	13,679.5
1984 [3]	836.1	2,053.0	79.4	35.8	111.9	228.7	431.7	944.8	2,077.6	3,830.4	7,156.8	12,862.6
1983 [3]	836.6	2,078.0	85.8	35.0	114.4	226.6	418.7	962.8	2,109.5	3,838.5	7,171.4	12,789.7
1982 [3]	823.4	2,144.0	87.4	36.5	120.2	241.4	431.1	979.6	2,067.5	3,731.0	6,923.6	12,429.0
1981 [3]	842.4	2,193.5	93.9	37.4	124.9	255.1	470.1	1,032.9	2,100.8	3,791.1	7,017.8	12,995.8
1980	875.4	2,356.6	97.6	39.0	138.3	269.5	489.9	1,087.6	2,146.6	3,932.9	7,382.6	13,610.8
1979	839.3	2,443.9	100.1	40.1	133.4	266.0	492.8	1,083.8	2,080.6	3,763.7	6,628.8	12,143.6
1978	855.1	2,596.1	104.6	43.2	136.1	262.5	508.2	1,105.3	2,159.9	3,876.0	6,569.2	12,550.7
1977	864.0	2,652.2	103.2	43.1	139.8	275.5	526.4	1,146.7	2,200.3	3,970.1	6,497.5	12,566.4
1976	875.0	2,888.4	103.0	43.0	147.6	289.0	541.4	1,176.6	2,228.7	4,090.3	6,482.3	12,752.9
1970	999.3	3,835.6	140.0	55.5	212.4	381.2	724.9	1,383.8	2,570.6	4,719.4	7,860.7	11,300.5
BLACK, MALE												
1990	1,008.0	2,112.4	85.8	41.2	252.2	430.8	699.6	1,261.0	2,618.4	4,946.1	9,129.5	16,954.9
1989 [3]	1,026.7	2,172.1	90.0	43.5	234.5	425.6	718.1	1,311.5	2,699.9	5,129.7	9,163.3	16,751.5
1988 [3]	1,026.1	2,189.6	92.1	43.7	222.4	417.4	706.7	1,296.9	2,712.7	5,147.7	9,454.6	16,643.1
1987 [3]	1,006.2	2,226.8	92.0	43.9	203.2	396.3	683.4	1,277.3	2,667.3	5,143.0	9,275.3	16,415.6
1986 [3]	1,002.6	2,251.8	92.2	43.1	189.8	391.3	661.0	1,278.2	2,723.1	5,130.3	9,290.8	16,471.4
1985 [3]	989.3	2,219.9	90.1	42.3	173.6	351.9	630.2	1,292.9	2,779.8	5,172.4	9,262.3	15,774.2
1984 [3]	968.5	2,232.6	86.0	43.2	163.6	339.1	607.2	1,281.9	2,787.6	5,092.3	9,023.1	15,123.0
1983 [3]	971.2	2,292.7	97.5	41.5	165.0	336.1	586.5	1,294.6	2,811.8	5,077.5	9,100.0	14,863.3
1982 [3]	966.2	2,375.5	95.9	43.9	178.7	363.1	607.1	1,332.5	2,754.9	4,978.8	8,653.1	14,596.6
1981 [3]	992.6	2,389.3	105.5	44.8	188.3	386.4	666.9	1,414.5	2,800.8	5,011.0	8,782.1	15,121.4
1980	1,034.1	2,586.7	110.5	47.4	209.1	407.3	689.8	1,479.9	2,873.0	5,131.1	9,231.6	16,098.8
1979	999.6	2,666.5	108.1	49.3	197.8	404.4	699.7	1,479.3	2,794.6	4,916.8	8,165.5	14,465.4
1978	1,016.8	2,862.5	114.0	53.9	199.4	392.5	713.5	1,499.5	2,888.7	5,076.8	8,072.0	14,500.0
1977	1,026.0	2,914.7	114.8	54.4	203.1	416.3	730.8	1,543.8	2,929.7	5,117.0	8,024.7	14,730.6
1976	1,041.6	3,168.1	113.6	53.4	217.9	431.8	752.4	1,583.3	2,961.9	5,280.3	7,979.1	14,744.7
1970	1,186.6	4,298.9	150.5	67.1	320.6	559.5	956.6	1,777.5	3,256.9	5,803.2	9,454.9	12,222.3
BLACK, FEMALE												
1990	747.9	1,735.5	67.6	27.5	68.7	159.5	298.6	639.4	1,452.6	2,865.7	5,688.3	13,309.5
1989 [3]	763.2	1,839.8	72.9	29.0	68.0	161.0	298.6	640.6	1,478.3	2,936.0	5,930.2	13,509.2
1988 [3]	764.6	1,834.0	71.2	30.6	69.3	157.8	304.8	655.3	1,513.3	2,948.1	5,991.4	13,461.1
1987 [3]	745.7	1,804.3	74.1	25.6	68.1	151.8	293.4	665.2	1,484.6	2,931.7	5,905.2	12,997.2
1986 [3]	741.5	1,781.5	76.8	27.5	64.5	148.1	288.0	671.6	1,505.0	2,940.3	5,928.3	13,144.9
1985 [3]	734.2	1,821.4	71.1	28.6	59.6	137.6	276.5	667.6	1,532.5	2,967.8	6,078.0	12,703.0
1984 [3]	717.4	1,870.7	72.6	28.2	61.7	131.6	284.2	666.7	1,513.7	2,939.2	6,050.6	11,793.8
1983 [3]	715.9	1,859.3	73.8	28.3	65.6	130.4	278.2	691.2	1,549.9	2,962.9	5,974.5	11,786.3
1982 [3]	695.5	1,910.0	78.6	29.1	63.9	134.9	283.8	691.5	1,517.5	2,838.1	5,854.9	11,363.6
1981 [3]	707.7	1,994.7	82.0	29.8	64.1	140.5	306.3	721.0	1,539.3	2,911.2	5,915.2	11,827.4
1980	733.3	2,123.7	84.4	30.5	70.5	150.0	323.9	768.2	1,561.0	3,057.4	6,212.1	12,367.2
1979	695.3	2,208.2	91.9	30.8	71.8	146.0	321.2	759.2	1,502.7	2,914.6	5,594.4	10,982.7
1978	709.5	2,324.3	95.0	32.4	75.7	150.0	337.9	780.9	1,564.8	2,980.3	5,565.9	11,546.5
1977	718.0	2,384.2	91.3	31.6	79.3	154.0	356.6	817.9	1,605.1	3,109.1	5,502.0	11,438.3
1976	724.5	2,604.9	92.2	32.5	80.4	165.8	366.5	838.8	1,622.1	3,185.7	5,478.8	11,701.1
1970	829.2	3,368.8	129.4	43.8	111.9	231.0	533.0	1,043.9	1,986.2	3,860.9	6,691.5	10,706.6

[1] Figures for age not stated included in "Total" but not distributed among age groups.
[2] Death rates under 1 year (based on population counts or estimates) differ from infant mortality rates (based on live births); see Technical Appendix.
[3] Rates are revised and, therefore, may differ from those published in Vital Statistics of the United States, 1989 Vol II, Mortality, Part A, and earlier years; see Technical Appendix.

Table 1-5. Deaths at Ages 85 Years and Over, by Single Years of Age, Race, and Sex: United States, 1990

Age	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
85 years and over	463,105	151,897	311,208	138,807	288,175	13,090	23,033	11,236	20,811
85 years	55,073	22,295	32,778	20,263	30,020	2,032	2,758	1,755	2,525
86 years	52,856	20,698	32,158	18,936	29,696	1,762	2,462	1,495	2,239
87 years	49,670	18,441	31,229	16,888	28,912	1,553	2,317	1,304	2,118
88 years	44,350	15,950	28,400	14,721	26,445	1,229	1,955	1,037	1,758
89 years	42,933	14,402	28,531	13,077	26,246	1,325	2,285	1,152	2,072
90 years	38,504	12,366	26,138	11,191	24,010	1,175	2,128	1,001	1,925
91 years	32,320	9,955	22,365	9,209	20,980	746	1,385	640	1,227
92 years	29,426	8,579	20,847	7,908	19,599	671	1,248	572	1,111
93 years	25,844	7,226	18,618	6,679	17,492	547	1,126	457	1,010
94 years	22,024	5,897	16,127	5,418	15,060	479	1,067	421	936
95 years	18,078	4,534	13,544	4,175	12,620	359	924	325	823
96 years	14,411	3,504	10,907	3,215	10,189	289	718	254	636
97 years	11,218	2,566	8,652	2,356	8,056	210	596	184	531
98 years	8,072	1,866	6,206	1,679	5,726	187	480	169	431
99 years	5,986	1,218	4,768	1,097	4,404	121	364	110	333
100 years	4,289	866	3,423	768	3,089	98	334	83	301
101 years	3,054	574	2,480	502	2,228	72	252	63	234
102 years	1,896	346	1,550	292	1,377	54	173	46	162
103 years	1,110	221	889	178	778	43	111	39	105
104 years	758	156	602	115	508	41	94	40	86
105 years	519	94	425	62	340	32	85	27	82
106 years	281	57	224	31	175	26	49	26	48
107 years	182	38	144	28	111	10	33	9	30
108 years	104	19	85	12	57	7	28	6	27
109 years	53	13	40	4	25	9	15	9	15
110 years	37	3	34	2	20	1	14	1	14
111 years	19	3	16	-	5	3	11	3	11
112 years	7	2	5	-	2	2	3	2	3
113 years	7	1	6	-	3	1	3	-	3
114 years	7	1	6	-	-	1	6	1	6
115 years	5	1	4	1	1	-	3	-	3
116 years	5	3	2	-	-	3	2	3	2
117 years	-	-	-	-	-	-	-	-	-
118 years	3	1	2	-	-	1	2	1	2
119 years	1	1	-	-	-	1	-	1	-
120 years	-	-	-	-	-	-	-	-	-
121 years	-	-	-	-	-	-	-	-	-
122 years	1	-	1	-	1	-	-	-	-
123 years	1	-	1	-	-	-	1	-	1
124 years	1	-	1	-	-	-	1	-	1
125 years and over	-	-	-	-	-	-	-	-	-

Table 1-6. Mortality From 15 Leading Causes of Death: United States, 1990

[Rates per 100,000 population. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For method of ranking see Technical Appendix]

Cause of death and rank order	Rate	Percent of total deaths
All causes	863.8	100.0
1 Diseases of heart (390-398,402,404-429)	289.5	33.5
2 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	203.2	23.5
3 Cerebrovascular diseases (430-438)	57.9	6.7
4 Accidents and adverse effects (E800-E949)	37.0	4.3
. . . Motor vehicle accidents (E810-E825)	18.8	2.2
. . . All other accidents and adverse effects (E800-E807,E826-E949)	18.2	2.1
5 Chronic obstructive pulmonary diseases and allied conditions (490-496)	34.9	4.0
6 Pneumonia and influenza (480-487)	32.0	3.7
7 Diabetes mellitus (250)	19.2	2.2
8 Suicide (E950-E959)	12.4	1.4
9 Chronic liver disease and cirrhosis (571)	10.4	1.2
10 Human immunodeficiency virus infection (*042-*044)	10.1	1.2
11 Homicide and legal intervention (E960-E978)	10.0	1.2
12 Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.3	1.0
13 Septicemia (038)	7.7	.9
14 Atherosclerosis (440)	7.3	.8
15 Certain conditions originating in the perinatal period (760-779)	7.1	.8
. . . All other causes	116.9	13.5

Table 1-7. Death Rates for 72 Selected Causes: United States, 1980-90

[Rates per 100,000 population. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	1990	1989 [1]	1988 [1]	1987 [1]	1986 [1]	1985 [1]	1984 [1]	1983 [1]	1982 [1]	1981 [1]	1980
All causes	863.8	871.3	886.7	876.4	876.7	876.9	864.8	863.7	852.4	862.0	878.3
Shigellosis and amebiasis (004,006)	*	0.0	*	0.0	*	0.0	*	0.0	*	0.0	0.0
Certain other intestinal infections (007-009)	0.2	.1	0.1	.1	0.1	.1	0.1	.2	0.1	.2	.2
Tuberculosis (010-018)	.7	.8	.8	.7	.7	.7	.7	.8	.8	.8	.9
Tuberculosis of respiratory system (010-012)	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.7
Other tuberculosis (013-018)	.2	.2	.2	.1	.2	.2	.2	.2	.1	.2	.2
Whooping cough (033)	*	*	*	*	*	*	*	*	*	*	.0
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*	*	.0
Meningococcal infection (036)	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2
Septicemia (038)	7.7	7.8	8.6	8.2	7.8	7.2	6.4	5.7	5.0	4.6	4.2
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*	*	.0
Measles (055)	.0	.0	*	*	*	*	*	*	*	*	.0
Viral hepatitis (070)	.6	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4
Syphilis (090-097)	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044,046-054,056-066,071-088,098-139)	13.0	11.8	9.5	8.1	3.9	3.1	2.6	2.1	1.9	1.9	1.8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	203.2	201.0	198.4	196.8	195.5	194.0	192.3	189.5	187.3	183.9	183.9
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.4	3.3	3.4	3.3	3.5	3.5	3.6	3.6	3.7	3.7	3.8
Malignant neoplasms of digestive organs and peritoneum (150-159)	48.6	48.5	48.0	48.5	48.5	49.0	49.5	48.7	48.6	48.5	48.8
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	58.9	57.6	56.5	55.7	54.3	53.5	52.5	51.3	50.2	48.5	47.9
Malignant neoplasm of breast (174-175)	17.6	17.5	17.4	17.0	17.0	17.0	16.8	16.4	16.3	16.0	15.8
Malignant neoplasms of genital organs (179-187)	23.1	22.3	21.8	21.4	21.3	20.9	20.8	20.8	20.5	20.4	20.5
Malignant neoplasms of urinary organs (188-189)	8.3	8.2	8.0	8.0	8.0	7.9	7.9	7.9	8.0	7.8	7.9
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	24.2	24.7	25.0	25.0	24.8	24.3	23.8	23.5	23.0	22.5	22.4
Leukemia (204-208)	7.5	7.4	7.2	7.1	7.2	7.3	7.2	7.2	7.2	7.1	7.3
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	11.7	11.5	11.1	10.9	10.9	10.6	10.2	10.0	9.8	9.4	9.5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2.7	2.7	2.8	2.7	2.8	2.8	2.7	2.8	2.8	2.7	2.7
Diabetes mellitus (250)	19.2	19.0	16.5	15.9	15.5	15.5	15.2	15.5	14.9	15.1	15.4
Nutritional deficiencies (260-269)	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0
Anemias (280-285)	1.6	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.4	1.4	1.4
Meningitis (320-322)	.4	.4	.5	.5	.5	.5	.5	.6	.6	.6	.6
Major cardiovascular diseases (390-448)	368.3	377.5	396.5	397.7	403.2	411.0	412.8	419.6	417.8	424.0	436.4
Diseases of heart (390-398,402,404-429)	289.5	297.3	312.9	313.8	318.8	324.1	324.4	329.5	326.2	328.5	336.0
Rheumatic fever and rheumatic heart disease (390-398)	2.4	2.5	2.6	2.6	2.7	2.8	2.9	2.9	3.0	3.2	3.5
Hypertensive heart disease (402)	8.5	8.5	8.5	8.5	8.5	8.8	8.8	9.0	9.0	9.1	9.3
Hypertensive heart and renal disease (404)	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.3	1.3	1.5	1.6
Ischemic heart disease (410-414)	196.7	201.8	208.4	211.4	216.9	225.6	229.5	236.3	238.6	241.9	249.7
Acute myocardial infarction (410)	96.1	100.1	101.4	104.6	108.7	115.2	118.4	122.5	125.6	127.5	132.2
Other acute and subacute forms of ischemic heart disease (411)	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.7	1.8	2.0	2.1
Angina pectoris (413)	.4	.4	.4	.4	.4	.4	.4	.3	.3	.2	.2
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	98.8	99.9	105.2	104.8	106.1	108.3	109.1	111.8	110.9	112.2	115.1
Other diseases of endocardium (424)	5.2	4.9	4.8	4.5	4.2	4.0	3.7	3.6	3.4	3.2	3.2
All other forms of heart disease (415-423,425-429)	75.8	78.7	87.6	85.7	85.4	81.8	78.3	76.4	70.9	69.7	68.7
Hypertension with or without renal disease (401,403)	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.5
Cerebrovascular diseases (430-438)	57.9	59.0	61.6	61.8	62.3	64.3	65.4	66.6	68.1	71.3	75.1
Intracerebral and other intracranial hemorrhage (431-432)	8.3	8.4	8.7	8.5	8.5	8.7	8.6	8.3	8.6	8.8	9.2
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	7.3	8.0	8.7	9.2	9.8	10.3	10.7	11.3	12.2	13.5	15.0
Cerebral embolism (434.1)	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4
All other and late effects of cerebrovascular diseases (430,433,435-438)	42.1	42.3	43.9	43.8	43.7	45.0	45.8	46.6	46.9	48.6	50.6
Atherosclerosis (440)	7.3	7.8	9.0	9.3	9.5	10.1	10.4	11.3	11.6	12.2	13.0
Other diseases of arteries, arterioles, and capillaries (441-448)	9.9	9.8	9.5	9.4	9.3	9.2	9.2	9.0	8.7	8.7	8.8
Acute bronchitis and bronchiolitis (466)	.3	.3	.3	.2	.2	.3	.2	.2	.2	.2	.3
Pneumonia and influenza (480-487)	32.0	31.0	31.8	28.6	29.1	28.4	25.0	23.9	21.1	23.4	24.1
Pneumonia (480-486)	31.1	30.4	31.0	28.3	28.3	27.6	24.5	23.3	20.8	22.1	22.9
Influenza (487)	.8	.6	.8	.3	.8	.9	.5	.6	.3	1.3	1.2
Chronic obstructive pulmonary diseases and allied conditions (490-496)	34.9	34.2	33.9	32.3	31.9	31.4	29.3	28.3	25.8	25.6	24.7
Bronchitis, chronic and unspecified (490-491)	1.4	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6
Emphysema (492)	6.3	6.3	6.3	6.0	6.0	5.9	5.6	5.7	5.5	5.8	6.1
Asthma (493)	1.9	2.0	1.9	1.8	1.6	1.6	1.5	1.5	1.4	1.3	1.3
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	25.2	24.4	24.1	23.1	22.6	22.3	20.7	19.6	17.5	16.9	15.7
Ulcer of stomach and duodenum (531-533)	2.5	2.6	2.6	2.6	2.7	2.8	2.8	2.7	2.9	2.8	2.7
Appendicitis (540-543)	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.3	2.2	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.4
Chronic liver disease and cirrhosis (571)	10.4	10.8	10.8	10.8	10.9	11.3	11.6	11.7	12.0	12.8	13.5
Cholelithiasis and other disorders of gallbladder (574-575)	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.5
Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.3	8.6	9.2	9.1	9.1	9.0	8.5	8.1	7.8	7.5	7.4
Acute glomerulonephritis and nephrotic syndrome (580-581)	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	.6	.6	.6	.6	.6	.7	.8	.8	.8	.9	1.0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	7.6	7.8	8.4	8.4	8.3	8.2	7.6	7.2	6.8	6.5	6.3
Infections of kidney (590)	.5	.6	.7	.7	.8	.8	.9	.9	1.0	1.0	1.2
Hyperplasia of prostate (600)	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3
Complications of pregnancy, childbirth, and the puerperium (630-676)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Pregnancy with abortive outcome (630-638)	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Other complications of pregnancy, childbirth, and the puerperium (640-676)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Congenital anomalies (740-759)	5.3	5.2	5.2	5.1	5.3	5.4	5.5	5.6	5.9	5.9	6.2
Certain conditions originating in the perinatal period (760-779)	7.1	7.6	7.5	7.5	7.7	8.1	8.0	8.3	9.0	9.4	10.1
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	1.6	1.9	1.7	1.8	2.0	2.2	2.2	2.3	2.7	2.9	3.3
Other conditions originating in the perinatal period (760-766,770-779)	5.5	5.7	5.7	5.7	5.7	5.9	5.8	6.0	6.3	6.5	6.7
Symptoms, signs, and ill-defined conditions (780-799)	9.7	10.9	12.7	12.9	13.1	13.0	12.6	12.7	12.9	12.8	12.7
All other diseases (Residual)	69.5	69.5	68.7	66.3	65.8	62.9	58.3	55.6	51.8	51.3	50.9
Accidents and adverse effects (E800-E949)	37.0	38.5	39.7	39.2	39.7	39.3	39.4	39.6	40.6	43.9	46.7
Motor vehicle accidents (E810-E825)	18.8	19.3	20.1	19.9	19.9	19.3	19.6	19.0	19.8	22.4	23.5
All other accidents and adverse effects (E800-E807,E826-E949)	18.2	19.2	19.6	19.3	19.7	20.0	19.8	20.5	20.9	21.5	23.2
Suicide (E950-E959)	12.4	12.2	12.4	12.7	12.9	12.4	12.4	12.1	12.2	12.0	11.9
Homicide and legal intervention (E960-E978)	10.0	9.3	9.0	8.7	9.0	8.4	8.4	8.6	9.7	10.3	10.7
All other external causes (E980-E999)	1.0	1.1	1.2	1.2	1.3	1.2	1.3	1.3	1.4	1.6	1.6

[1] Rates are revised and, therefore, may differ from those published in Vital Statistics of the United States, Vol II, Mortality, Part A for 1989 and earlier years; see Technical Appendix.

Table 1-8. Age-Adjusted Death Rates for 72 Selected Causes, by Race and Sex: United States, 1990

[Based on age-specific death rates per 100,000 population in specified group. Computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940; see Technical Appendix. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All causes	520.2	680.2	390.6	492.8	644.3	369.9	686.7	910.2	512.5	789.2	1,061.3	581.6
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1
Tuberculosis (010-018)	.5	.7	.3	.3	.4	.2	1.9	3.0	1.1	2.1	3.4	1.2
Tuberculosis of respiratory system (010-012)	.4	.6	.2	.2	.4	.1	1.4	2.2	.7	1.6	2.5	.8
Other tuberculosis (013-018)	.1	.2	.1	.1	.1	.1	.5	.8	.4	.6	.8	.4
Whooping cough (033)	*	*	*	*	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	.1	.1	.1	.1	.1	.1	.1	.2	*	.1	.2	*
Septicemia (038)	4.1	4.9	3.5	3.5	4.2	3.1	8.1	9.7	6.9	9.5	11.6	8.0
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*	*	*	*
Measles (055)	.0	.0	.0	.0	.0	.0	.0	*	*	*	*	*
Viral hepatitis (070)	.5	.7	.3	.4	.6	.3	.8	1.0	.6	.7	.8	.6
Syphilis (090-097)	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.3	.1
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044,046-054,056-066, 071-088,098-139)	12.0	20.4	3.8	9.8	17.3	2.4	23.8	38.6	10.9	30.6	50.1	13.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	135.0	166.3	112.7	131.5	160.3	111.2	159.7	213.7	122.0	182.0	248.1	137.2
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	2.4	3.8	1.3	2.2	3.4	1.2	4.1	7.2	1.7	4.7	8.5	1.9
Malignant neoplasms of digestive organs and peritoneum (150-159)	30.2	39.3	23.2	28.6	37.0	22.0	42.3	56.6	31.8	46.3	62.3	34.8
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	41.4	61.0	26.2	40.6	59.0	26.5	46.2	76.4	24.1	54.0	91.0	27.5
Malignant neoplasm of breast (174-175)	12.7	.2	23.1	12.5	.2	22.9	13.5	.3	23.7	15.8	.4	27.5
Malignant neoplasms of genital organs (179-187)	13.6	17.1	12.3	12.9	15.7	12.0	20.1	29.6	14.7	23.2	35.6	16.4
Malignant neoplasms of urinary organs (188-189)	5.1	7.8	3.0	5.1	8.0	3.0	4.7	6.7	3.3	5.5	7.9	3.8
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	16.9	20.9	13.6	16.9	20.9	13.7	16.6	21.2	13.0	18.8	24.6	14.6
Leukemia (204-208)	5.0	6.4	3.9	5.0	6.5	3.9	4.5	5.8	3.6	4.9	6.4	3.9
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	7.7	9.7	6.1	7.7	9.7	6.0	7.8	10.0	6.1	8.8	11.5	6.8
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1.7	1.8	1.6	1.6	1.8	1.5	2.0	2.0	1.9	2.2	2.4	2.1
Diabetes mellitus (250)	11.7	12.3	11.1	10.4	11.3	9.5	21.6	20.6	22.2	24.8	23.6	25.4
Nutritional deficiencies (260-269)	.5	.5	.4	.4	.4	.4	.9	1.0	.8	1.0	1.2	.9
Anemias (280-285)	.9	1.0	.8	.7	.7	.6	2.2	2.6	1.8	2.6	3.2	2.2
Meningitis (320-322)	.3	.4	.3	.3	.3	.3	.7	.9	.6	.9	1.1	.7
Major cardiovascular diseases (390-448)	189.8	250.5	142.1	182.1	243.0	133.9	242.2	303.1	196.8	277.0	350.1	223.8
Diseases of heart (390-398,402,404-429)	152.0	206.7	108.9	146.9	202.0	103.1	186.1	238.3	146.9	213.5	275.9	168.1
Rheumatic fever and rheumatic heart disease (390-398)	1.5	1.1	1.7	1.5	1.1	1.8	1.4	1.0	1.6	1.4	1.1	1.7
Hypertensive heart disease (402)	4.8	5.5	4.2	3.6	4.1	3.0	14.3	16.6	12.5	17.4	20.5	15.0
Hypertensive heart and renal disease (404)	.5	.5	.5	.3	.4	.3	1.7	1.8	1.5	2.0	2.2	1.8
Ischemic heart disease (410-414)	102.6	144.0	70.2	102.5	145.3	68.6	100.6	130.0	78.8	113.2	147.1	88.8
Acute myocardial infarction (410)	53.7	76.3	36.0	53.8	77.2	35.2	52.2	67.8	40.6	59.0	77.1	46.0
Other acute and subacute forms of ischemic heart disease (411)	.9	1.3	.5	.8	1.2	.4	1.3	1.8	.8	1.5	2.1	1.0
Angina pectoris (413)	.2	.2	.2	.2	.2	.2	.2	.3	.2	.3	.4	.2
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	47.8	66.2	33.5	47.7	66.7	32.9	46.9	60.2	37.1	52.5	67.5	41.6
Other diseases of endocardium (424)	2.5	3.0	2.2	2.5	3.0	2.2	2.3	2.7	2.0	2.6	3.0	2.2
All other forms of heart disease (415-423,425-429)	40.1	52.6	30.1	36.6	48.2	27.2	65.9	86.3	50.5	76.8	101.9	58.5
Hypertension with or without renal disease (401,403)	1.9	2.1	1.7	1.5	1.7	1.3	5.1	5.6	4.6	6.1	6.8	5.6
Cerebrovascular diseases (430-438)	27.7	30.2	25.7	25.5	27.7	23.8	43.1	49.0	38.6	48.4	56.1	42.7
Intracerebral and other intracranial hemorrhage (431-432)	5.2	5.8	4.6	4.5	4.9	4.1	9.8	12.0	8.0	10.8	13.4	8.8
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	3.3	3.6	3.0	3.1	3.4	2.8	4.6	5.3	4.1	5.2	6.2	4.5
Cerebral embolism (434.1)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	*
All other and late effects of cerebrovascular diseases (430,433,435-438)	19.1	20.6	18.0	17.8	19.3	16.7	28.6	31.6	26.4	32.2	36.4	29.3
Atherosclerosis (440)	2.7	3.2	2.4	2.7	3.2	2.4	2.7	3.1	2.4	3.1	3.6	2.7
Other diseases of arteries, arterioles, and capillaries (441-448)	5.4	8.2	3.4	5.4	8.3	3.3	5.3	7.0	4.1	5.9	7.7	4.6
Acute bronchitis and bronchiolitis (466)	.1	.1	.1	.1	.1	.1	.2	.2	.1	.2	.2	.1
Pneumonia and influenza (480-487)	14.0	18.5	11.0	13.4	17.5	10.6	17.9	25.4	12.6	19.8	28.7	13.7
Pneumonia (480-486)	13.7	18.1	10.7	13.0	17.0	10.3	17.7	25.1	12.4	19.6	28.4	13.5
Influenza (487)	.3	.4	.3	.3	.4	.3	.2	.2	.1	.2	.3	.1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	19.7	27.2	14.7	20.1	27.4	15.2	15.2	23.6	9.6	16.9	26.5	10.7
Bronchitis, chronic and unspecified (490-491)	.8	1.0	.6	.8	1.0	.6	.5	.8	.3	.5	.9	.3
Emphysema (492)	3.7	5.3	2.6	3.9	5.5	2.8	2.1	3.7	1.0	2.3	4.1	1.1
Asthma (493)	1.4	1.3	1.5	1.2	1.0	1.3	2.9	3.0	2.8	3.4	3.5	3.3
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	13.7	19.6	9.9	14.2	19.9	10.4	9.7	16.1	5.5	10.7	17.9	6.0
Ulcer of stomach and duodenum (531-533)	1.3	1.7	1.0	1.2	1.6	1.0	1.6	2.2	1.1	1.7	2.5	1.2
Appendicitis (540-543)	.1	.2	.1	.1	.1	.1	.2	.3	.2	.2	.3	.1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1.1	1.1	1.1	1.0	1.0	1.0	1.6	1.8	1.4	1.8	2.2	1.5
Chronic liver disease and cirrhosis (571)	8.6	12.2	5.3	8.0	11.5	4.8	12.0	17.2	7.9	13.7	20.0	8.7
Cholelithiasis and other disorders of gallbladder (574-575)	.6	.7	.5	.6	.7	.5	.6	.7	.6	.6	.7	.6
Nephritis, nephrotic syndrome, and nephrosis (580-589)	4.3	5.4	3.6	3.6	4.6	3.0	9.3	10.9	8.1	10.8	12.9	9.4
Acute glomerulonephritis and nephrotic syndrome (580-581)	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	*
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	.3	.4	.3	.3	.4	.2	.7	1.0	.6	.8	1.1	.6
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	3.9	4.8	3.3	3.3	4.2	2.7	8.5	9.8	7.5	9.8	11.6	8.6
Infections of kidney (590)	.2	.2	.3	.2	.2	.3	.3	.4	.3	.3	.4	.3
Hyperplasia of prostate (600)	.1	.2	...	.1	.2	...	.1	.3	...	.1	.3	...
Complications of pregnancy, childbirth, and the puerperium (630-676)	.1	...	.3	.1	...	.2	.4	...	.8	.5	...	.9
Pregnancy with abortive outcome (630-638)	.0	...	.0	.0	...	.0	.1	...	.2	.1	...	.2
Other complications of pregnancy, childbirth, and the puerperium (640-676)	.1	...	.2	.1	...	.1	.3	...	.6	.4	...	.7
Congenital anomalies (740-759)	5.0	5.4	4.6	4.9	5.3	4.5	5.2	5.7	4.8	5.7	6.2	5.2
Certain conditions originating in the perinatal period (760-779)	6.9	7.6	6.1	5.2	5.8	4.5	13.4	14.8	12.0	16.2	17.9	14.5
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	1.5	1.8	1.2	1.2	1.4	1.0	2.6	3.1	2.1	3.1	3.6	2.5
Other conditions originating in the perinatal period (760-766,770-779)	5.4	5.9	4.8	3.9	4.4	3.5	10.9	11.8	10.0	13.2	14.3	12.0
Symptoms, signs, and ill-defined conditions (780-799)	7.3	9.4	5.4	6.2	8.0	4.5	13.2	17.4	9.6	15.5	20.6	11.2
All other diseases (Residual)	38.4	46.1	32.3	35.9	42.9	30.2	54.4	67.9	44.0	63.0	79.7	50.5
Accidents and adverse effects (E800-E949)	32.5	47.7	17.9	31.8	46.4	17.6	36.8	56.7	19.6	39.7	62.4	20.4
Motor vehicle accidents (E810-E825)	18.5	26.3	10.7	18.6	26.3	11.0	18.0	27.3	9.7	18.4	28.9	9.3
All other accidents and adverse effects (E800-E807,E826-E949)	14.0	21.4	7.1	13.2	20.1	6.6	18.8	29.4	9.8	21.3	33.6	11.1
Suicide (E950-E959)	11.5	19.0	4.5	12.2	20.1	4.8	7.1	12.1	2.6	7.0	12.4	2.4
Homicide and legal intervention (E960-E978)	10.2	16.3	4.2	5.9	8.9	2.8	31.4	53.9	10.7	39.5	68.7	13.0
All other external causes (E980-E999)	.9	1.4	.5	.8	1.2	.4	1.4	2.2	.7	1.6	2.5	.7

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
All causes	863.8	971.9	46.8	22.2	26.0	87.9	109.9	124.6	153.5	197.0
Male	918.4	1,082.8	52.4	25.6	31.6	127.2	166.3	184.9	223.4	280.7
Female	812.0	855.7	41.0	18.5	20.2	46.4	51.3	63.9	84.3	114.8
White	888.0	795.7	41.1	20.3	24.3	81.4	97.4	107.8	130.5	167.8
Male	930.9	896.1	45.9	23.5	29.5	115.4	146.0	160.3	191.6	240.4
Female	846.9	690.0	36.1	17.0	18.8	45.4	46.4	54.1	68.7	95.0
All other	737.9	1,645.0	69.3	29.6	33.0	114.2	165.8	204.9	268.3	348.9
Male	851.5	1,805.1	78.5	34.3	40.4	176.0	260.2	308.9	392.5	506.3
Female	634.2	1,480.7	59.9	24.8	25.3	50.5	72.8	108.5	157.6	211.2
Black	871.0	1,925.9	76.8	32.3	36.6	127.7	192.8	246.0	329.9	431.3
Male	1,008.0	2,112.4	85.8	37.3	45.2	199.7	307.4	374.2	489.8	631.5
Female	747.9	1,735.5	67.6	27.2	27.8	54.3	83.0	129.7	189.6	258.1
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	.2	2.5	*	*	*	*	*	*	*	*
Male	.1	2.5	*	*	*	*	*	*	*	*
Female	.2	2.5	*	*	*	*	*	*	*	*
White	.2	1.7	*	*	*	*	*	*	*	*
Male	.1	1.7	*	*	*	*	*	*	*	*
Female	.2	1.7	*	*	*	*	*	*	*	*
All other	.2	5.4	*	*	*	*	*	*	*	*
Male	.2	5.3	*	*	*	*	*	*	*	*
Female	.2	5.4	*	*	*	*	*	*	*	*
Black	.2	6.4	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	.2	7.0	*	*	*	*	*	*	*	*
Tuberculosis (010-018)	.7	*	*	*	*	*	.1	.2	.4	.4
Male	.9	*	*	*	*	*	*	.3	.5	.7
Female	.5	*	*	*	*	*	*	.2	.3	.2
White	.5	*	*	*	*	*	*	*	.1	.2
Male	.6	*	*	*	*	*	*	*	*	.3
Female	.4	*	*	*	*	*	*	*	*	*
All other	1.9	*	*	*	*	*	*	.9	1.9	1.7
Male	2.7	*	*	*	*	*	*	*	2.4	3.0
Female	1.2	*	*	*	*	*	*	*	1.5	*
Black	2.2	*	*	*	*	*	*	1.2	2.4	2.2
Male	3.1	*	*	*	*	*	*	*	3.1	3.8
Female	1.4	*	*	*	*	*	*	*	1.7	*
Tuberculosis of respiratory system (010-012)	.6	*	*	*	*	*	*	.1	.3	.3
Male	.7	*	*	*	*	*	*	*	.4	.5
Female	.4	*	*	*	*	*	*	*	.2	*
White	.4	*	*	*	*	*	*	*	*	.1
Male	.5	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*
All other	1.4	*	*	*	*	*	*	.6	1.3	1.3
Male	2.0	*	*	*	*	*	*	*	1.9	2.1
Female	.8	*	*	*	*	*	*	*	*	*
Black	1.6	*	*	*	*	*	*	.7	1.7	1.6
Male	2.4	*	*	*	*	*	*	*	2.4	2.7
Female	.9	*	*	*	*	*	*	*	*	*
Other tuberculosis (013-018)	.2	*	*	*	*	*	*	*	.1	.1
Male	.2	*	*	*	*	*	*	*	*	.2
Female	.2	*	*	*	*	*	*	*	*	*
White	.1	*	*	*	*	*	*	*	*	*
Male	.1	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*
All other	.5	*	*	*	*	*	*	*	.6	*
Male	.7	*	*	*	*	*	*	*	*	*
Female	.4	*	*	*	*	*	*	*	*	*
Black	.6	*	*	*	*	*	*	*	*	*
Male	.7	*	*	*	*	*	*	*	*	*
Female	.4	*	*	*	*	*	*	*	*	*
Whooping cough (033)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All causes	252.8	377.3	590.0	933.2	1,457.2	2,159.1	3,266.0	4,933.9	7,682.8	15,327.4
Male	344.2	491.1	756.5	1,208.5	1,902.7	2,847.6	4,345.4	6,608.6	10,143.8	18,056.6
Female	163.9	267.8	432.9	681.5	1,069.1	1,600.8	2,465.0	3,856.7	6,376.0	14,274.3
White	220.5	336.4	537.4	867.3	1,384.8	2,077.8	3,192.0	4,876.2	7,645.1	15,465.0
Male	299.3	435.6	687.3	1,122.9	1,811.2	2,748.3	4,251.2	6,544.8	10,129.3	18,268.3
Female	142.1	239.4	393.4	629.2	1,006.6	1,528.0	2,398.5	3,798.8	6,333.7	14,400.6
All other	440.3	629.3	917.2	1,376.2	2,003.0	2,834.6	3,940.9	5,478.9	8,075.5	13,868.8
Male	623.4	857.1	1,215.6	1,832.8	2,652.6	3,721.5	5,252.7	7,225.9	10,289.1	16,080.9
Female	282.0	432.9	664.1	1,009.6	1,509.0	2,178.5	3,047.7	4,395.0	6,826.5	12,863.1
Black	550.4	772.7	1,099.9	1,619.0	2,327.8	3,218.0	4,391.6	5,931.5	8,587.4	14,394.6
Male	785.5	1,074.8	1,487.5	2,185.9	3,094.1	4,256.2	5,929.6	7,966.1	11,243.4	16,954.9
Female	349.1	519.1	782.3	1,170.1	1,749.1	2,467.7	3,381.4	4,738.9	7,212.1	13,309.5
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	*	*	*	*	*	*	.4	.7	1.3	3.3
Male	*	*	*	*	*	*	*	*	*	4.0
Female	*	*	*	*	*	*	.4	.8	1.3	3.1
White	*	*	*	*	*	*	.5	.8	1.3	3.5
Male	*	*	*	*	*	*	*	*	*	4.2
Female	*	*	*	*	*	*	.5	.8	1.4	3.2
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Tuberculosis (010-018)	.5	.7	.8	1.1	1.4	1.8	2.5	3.4	5.0	6.9
Male	.8	1.1	1.2	1.6	2.0	2.6	3.6	5.5	8.6	12.6
Female	.2	.3	.4	.7	.9	1.2	1.7	2.1	3.1	4.7
White	.2	.3	.5	.6	1.0	1.3	1.9	2.5	4.0	5.5
Male	.3	.4	.8	.9	1.3	1.7	2.8	3.7	6.6	9.5
Female	*	*	*	*	.7	.9	1.3	1.7	2.6	3.9
All other	2.2	3.3	2.7	4.6	5.0	6.2	7.7	12.3	16.0	22.3
Male	3.7	5.3	4.0	7.0	8.0	9.8	11.6	22.8	29.1	41.8
Female	*	*	*	2.8	*	3.5	5.1	5.8	*	13.4
Black	2.9	4.2	2.7	5.3	5.1	6.3	7.4	11.6	16.0	21.6
Male	5.1	6.8	4.1	8.3	8.8	9.4	10.7	22.4	29.5	42.3
Female	*	*	*	*	*	4.0	5.2	*	*	12.8
Tuberculosis of respiratory system (010-012)	.4	.5	.5	.8	1.1	1.5	2.0	2.9	4.1	5.8
Male	.6	.8	.8	1.1	1.6	2.1	3.0	4.8	7.2	10.9
Female	*	*	*	.4	.6	.9	1.3	1.7	2.4	3.8
White	.2	.2	.4	.4	.7	1.0	1.6	2.1	3.3	4.7
Male	.3	*	.6	.7	1.0	1.5	2.3	3.2	5.7	8.6
Female	*	*	*	*	.4	.6	1.0	1.4	2.1	3.2
All other	1.7	2.3	1.5	3.0	3.5	4.9	6.2	10.3	12.0	17.3
Male	3.0	4.1	*	4.6	6.1	7.2	9.4	19.7	22.6	33.2
Female	*	*	*	*	*	3.2	*	*	*	*
Black	2.2	2.9	1.7	3.6	3.7	5.0	6.1	9.9	11.4	17.1
Male	4.1	5.1	*	5.9	6.9	6.9	9.1	20.1	22.4	34.7
Female	*	*	*	*	*	*	*	*	*	*
Other tuberculosis (013-018)	.1	.2	.3	.4	.4	.4	.5	.6	.9	1.2
Male	*	*	.4	.5	.4	.5	.6	*	*	*
Female	*	*	*	*	*	*	*	*	*	1.0
White	*	*	*	*	.2	.3	.4	.4	.6	.8
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	1.6	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Whooping cough (033)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	0.1	1.3	0.3	*	*	0.1	*	*	*	*
Male	.1	1.3	*	*	*	*	*	*	*	*
Female	.1	1.2	.3	*	*	*	*	*	*	*
White	.1	1.2	.2	*	*	*	*	*	*	*
Male	.1	1.2	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*
All other	.1	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	.1	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Septicemia (038)	7.7	6.8	.7	0.2	*	.2	0.3	0.5	0.9	1.3
Male	7.0	7.4	.8	.2	*	*	.3	.6	1.2	1.7
Female	8.3	6.1	.5	*	*	*	.3	.5	.6	.8
White	7.4	5.0	.6	.2	*	*	.2	.4	.6	.9
Male	6.6	5.5	.7	*	*	*	.2	.4	.8	1.2
Female	8.1	4.4	.5	*	*	*	*	.4	.4	.5
All other	9.3	13.6	.8	*	*	*	.6	.9	2.2	3.4
Male	9.2	14.5	*	*	*	*	*	1.2	3.0	4.7
Female	9.4	12.6	*	*	*	*	*	*	1.5	2.3
Black	11.4	15.7	.9	*	*	*	*	1.1	2.8	4.4
Male	11.3	17.1	*	*	*	*	*	*	3.9	6.2
Female	11.5	14.3	*	*	*	*	*	*	1.9	2.8
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Measles (055)	.0	*	.2	*	*	*	*	*	*	*
Male	.0	*	*	*	*	*	*	*	*	*
Female	.0	*	*	*	*	*	*	*	*	*
White	.0	*	*	*	*	*	*	*	*	*
Male	.0	*	*	*	*	*	*	*	*	*
Female	.0	*	*	*	*	*	*	*	*	*
All other	.1	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)	.6	*	*	*	*	*	.1	.2	.3	.5
Male	.8	*	*	*	*	*	*	.3	.5	.8
Female	.5	*	*	*	*	*	*	*	*	.3
White	.6	*	*	*	*	*	*	.2	.3	.4
Male	.7	*	*	*	*	*	*	.3	.4	.7
Female	.5	*	*	*	*	*	*	*	*	*
All other	.8	*	*	*	*	*	*	*	.6	.9
Male	.9	*	*	*	*	*	*	*	*	*
Female	.7	*	*	*	*	*	*	*	*	*
Black	.7	*	*	*	*	*	*	*	.7	.9
Male	.7	*	*	*	*	*	*	*	*	*
Female	.7	*	*	*	*	*	*	*	*	*
Syphilis (090-097)	.0	.6	*	*	*	*	*	*	*	*
Male	.1	*	*	*	*	*	*	*	*	*
Female	.0	*	*	*	*	*	*	*	*	*
White	.0	*	*	*	*	*	*	*	*	*
Male	.0	*	*	*	*	*	*	*	*	*
Female	.0	*	*	*	*	*	*	*	*	*
All other	.2	2.7	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*
Black	.2	3.4	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Septicemia (038)	1.7	2.4	3.9	6.0	10.0	15.7	27.5	46.6	81.4	183.7
Male	2.2	2.8	4.6	6.8	11.9	19.5	34.1	56.4	96.8	195.1
Female	1.2	2.0	3.2	5.3	8.3	12.7	22.6	40.3	73.2	179.3
White	1.2	1.7	3.0	4.8	8.5	13.7	24.4	42.9	75.6	175.6
Male	1.5	1.9	3.4	5.4	10.3	17.3	30.6	52.3	89.8	188.3
Female	.8	1.5	2.5	4.3	6.9	10.8	19.9	36.7	68.0	170.8
All other	5.1	6.5	9.6	14.0	21.2	32.1	55.3	81.8	141.8	269.9
Male	6.7	8.4	12.6	17.2	25.1	38.7	68.2	96.1	166.6	258.0
Female	3.7	4.9	7.0	11.4	18.2	27.2	46.5	72.9	127.8	275.3
Black	6.7	8.2	11.6	16.5	25.4	38.2	64.7	93.5	157.1	292.0
Male	8.6	10.7	15.8	20.0	30.4	46.3	80.6	110.8	194.2	288.2
Female	5.0	6.1	8.2	13.8	21.7	32.3	54.3	83.3	137.9	293.5
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Measles (055)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)	.7	.7	.8	1.0	1.4	2.0	2.4	2.9	2.9	2.2
Male	1.1	1.1	1.2	1.2	1.7	2.4	2.7	3.9	3.5	2.4
Female	.3	.3	.5	.7	1.1	1.7	2.1	2.3	2.7	2.1
White	.6	.6	.7	.8	1.3	1.9	2.3	2.9	2.9	2.1
Male	1.1	.9	1.0	1.1	1.6	2.4	2.6	3.8	3.7	*
Female	*	*	*	.6	1.1	1.6	2.1	2.4	2.5	1.9
All other	1.1	1.4	1.7	1.8	1.8	3.1	3.3	*	*	*
Male	1.7	2.4	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	1.1	*	*	*	*	2.4	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Syphilis (090-097)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044,046-054,056-066,071-088,098-139)	13.0	9.4	1.5	0.7	0.4	0.6	3.2	15.2	26.8	32.0
Male	21.7	10.1	1.5	.6	.4	.8	4.6	25.7	47.1	57.0
Female	4.6	8.7	1.5	.7	.4	.5	1.7	4.6	6.8	7.5
White	10.9	6.4	1.0	.4	.4	.6	2.3	12.2	21.2	25.5
Male	18.7	7.5	.9	.4	.4	.7	3.5	21.6	38.8	47.7
Female	3.3	5.3	1.0	.4	.3	.4	1.1	2.6	3.4	3.3
All other	23.9	20.8	3.7	1.7	.7	1.0	7.2	29.6	54.9	65.9
Male	37.5	20.0	3.7	1.6	*	*	10.1	46.4	91.1	109.2
Female	11.4	21.5	3.6	1.9	*	*	4.4	14.1	22.6	27.9
Black	30.2	24.9	4.4	2.0	.8	1.1	9.3	38.1	72.2	86.8
Male	47.8	23.6	4.6	1.8	*	*	13.1	60.3	120.6	144.5
Female	14.4	26.3	4.3	2.2	*	*	5.7	18.0	29.8	36.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	203.2	2.3	3.5	3.2	3.1	4.2	5.5	8.9	16.2	30.3
Male	221.3	2.4	3.7	3.5	3.4	4.8	6.5	9.6	15.5	26.7
Female	186.0	2.2	3.2	2.8	2.7	3.7	4.5	8.2	16.8	33.8
White	211.6	2.2	3.5	3.2	3.2	4.2	5.5	8.7	15.4	28.5
Male	227.7	2.2	3.7	3.5	3.5	4.9	6.4	9.5	15.1	24.7
Female	196.1	2.2	3.2	2.9	2.8	3.5	4.6	7.8	15.8	32.4
All other	159.3	2.6	3.4	3.0	2.7	4.3	5.6	10.1	19.9	39.4
Male	186.8	*	3.6	3.5	3.1	4.3	7.0	10.0	17.8	37.6
Female	134.2	*	3.1	2.5	2.3	4.3	4.3	10.1	21.8	41.0
Black	187.2	*	3.5	3.0	2.7	4.5	6.4	11.5	23.1	45.2
Male	221.9	*	3.6	3.5	3.2	4.3	7.9	11.1	20.4	43.2
Female	156.1	*	3.4	2.5	2.2	4.7	4.9	11.9	25.4	46.9
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.4	*	*	*	*	*	*	.1	.2	.5
Male	4.6	*	*	*	*	*	*	*	.3	.8
Female	2.2	*	*	*	*	*	*	*	*	.2
White	3.3	*	*	*	*	*	*	*	.1	.4
Male	4.4	*	*	*	*	*	*	*	*	.6
Female	2.3	*	*	*	*	*	*	*	*	*
All other	3.7	*	*	*	*	*	*	*	*	1.4
Male	5.9	*	*	*	*	*	*	*	*	2.4
Female	1.8	*	*	*	*	*	*	*	*	*
Black	4.3	*	*	*	*	*	*	*	*	1.4
Male	6.9	*	*	*	*	*	*	*	*	2.6
Female	1.9	*	*	*	*	*	*	*	*	*
Malignant neoplasms of digestive organs and peritoneum (150-159)	48.6	*	.2	*	*	.2	.4	.9	1.9	4.8
Male	52.7	*	*	*	*	*	.4	1.0	2.3	5.9
Female	44.6	*	*	*	*	*	.3	.9	1.6	3.7
White	49.6	*	*	*	*	.2	.3	.8	1.7	4.0
Male	53.4	*	*	*	*	*	.3	.9	1.9	4.8
Female	46.0	*	*	*	*	*	.3	.8	1.4	3.2
All other	43.1	*	*	*	*	*	.7	1.5	3.2	8.9
Male	49.2	*	*	*	*	*	*	1.6	4.1	12.4
Female	37.4	*	*	*	*	*	*	1.4	2.5	5.8
Black	49.0	*	*	*	*	*	.9	1.7	3.3	9.4
Male	55.5	*	*	*	*	*	*	1.7	3.9	13.7
Female	43.2	*	*	*	*	*	*	1.6	2.8	5.6
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	58.9	*	*	*	*	*	.1	.3	1.2	3.9
Male	78.3	*	*	*	*	*	.2	.4	1.6	4.7
Female	40.4	*	*	*	*	*	*	.3	.9	3.1
White	61.8	*	*	*	*	*	*	.3	1.1	3.5
Male	81.0	*	*	*	*	*	*	.4	1.3	4.2
Female	43.4	*	*	*	*	*	*	.3	.8	2.9
All other	43.6	*	*	*	*	*	*	*	1.9	5.6
Male	64.1	*	*	*	*	*	*	*	3.0	7.5
Female	25.0	*	*	*	*	*	*	*	1.0	4.0
Black	52.2	*	*	*	*	*	*	*	2.3	7.1
Male	77.8	*	*	*	*	*	*	*	3.6	9.7
Female	29.2	*	*	*	*	*	*	*	*	4.9
Malignant neoplasm of breast (174-175)	17.6	*	*	*	*	*	*	.6	2.3	6.0
Male	.2	*	*	*	*	*	*	*	*	*
Female	34.0	*	*	*	*	*	*	1.1	4.6	12.0
White	18.5	*	*	*	*	*	*	.5	2.1	5.6
Male	.2	*	*	*	*	*	*	*	*	*
Female	35.9	*	*	*	*	*	*	1.0	4.3	11.2
All other	12.9	*	*	*	*	*	*	1.0	3.3	8.4
Male	.2	*	*	*	*	*	*	*	*	*
Female	24.4	*	*	*	*	*	*	1.9	6.3	15.8
Black	15.4	*	*	*	*	*	*	1.3	4.3	10.3
Male	.3	*	*	*	*	*	*	*	*	*
Female	29.0	*	*	*	*	*	*	2.5	8.1	19.3
Malignant neoplasms of genital organs (179-187)	23.1	*	*	*	*	.1	.4	.9	1.8	3.1
Male	27.2	*	*	*	*	*	.4	.5	.6	.7
Female	19.3	*	*	*	*	*	.5	1.2	3.0	5.5
White	23.3	*	*	*	*	*	.5	.9	1.7	3.1
Male	26.8	*	*	*	*	*	.5	.6	.7	.7
Female	19.9	*	*	*	*	*	.5	1.1	2.7	5.4
All other	22.1	*	*	*	*	*	*	.9	2.3	3.4
Male	28.9	*	*	*	*	*	*	*	*	*
Female	15.9	*	*	*	*	*	*	1.5	4.2	6.1
Black	26.9	*	*	*	*	*	*	.9	2.7	4.0
Male	36.2	*	*	*	*	*	*	*	*	*
Female	18.5	*	*	*	*	*	*	1.6	4.8	7.0

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044,046-054,056-066,071-088,098-139)	27.0	20.7	14.6	11.7	9.5	9.5	9.9	12.1	15.3	21.7
Male	49.2	37.9	25.9	19.7	14.4	13.4	12.9	15.7	21.1	27.5
Female	5.4	4.1	3.9	4.4	5.3	6.4	7.7	9.7	12.2	19.5
White	22.3	17.6	12.3	9.9	8.2	8.7	9.3	11.6	15.0	21.3
Male	42.1	33.2	22.5	16.8	12.5	12.3	11.8	15.1	21.2	26.6
Female	2.7	2.3	2.6	3.4	4.3	5.8	7.5	9.3	11.7	19.3
All other	54.1	39.7	28.5	23.7	19.9	16.0	15.5	16.8	18.4	26.1
Male	93.7	68.9	48.6	40.6	30.7	23.0	23.8	21.9	20.2	35.6
Female	20.0	14.6	11.4	10.1	11.7	10.8	9.8	13.6	17.3	21.8
Black	72.3	51.8	36.3	29.0	24.0	17.9	16.5	18.0	19.1	24.3
Male	125.7	90.4	62.6	50.0	37.5	25.0	24.5	24.1	23.4	*
Female	26.6	19.4	14.7	12.4	13.7	12.8	11.2	14.4	16.8	22.4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	58.1	114.9	212.4	352.4	545.5	761.0	1,012.7	1,258.0	1,489.8	1,752.9
Male	51.9	111.5	225.2	405.1	662.3	959.9	1,337.5	1,752.1	2,200.5	2,739.9
Female	64.1	118.3	200.3	304.3	443.7	599.7	771.7	940.2	1,112.4	1,372.1
White	54.8	108.2	201.7	337.2	530.3	745.2	999.4	1,247.5	1,477.2	1,741.9
Male	48.2	101.8	208.8	381.9	634.5	927.9	1,304.6	1,719.3	2,171.3	2,715.1
Female	61.4	114.4	194.9	295.5	437.9	595.4	770.8	942.9	1,110.8	1,372.3
All other	76.7	156.7	278.7	455.1	660.0	891.8	1,134.5	1,357.2	1,620.6	1,870.1
Male	74.9	174.9	333.6	574.6	890.9	1,241.3	1,655.2	2,069.4	2,491.8	2,971.7
Female	78.3	141.0	232.0	359.2	484.3	633.3	779.9	915.3	1,129.0	1,369.4
Black	91.9	187.4	329.3	535.0	766.5	1,010.6	1,261.8	1,470.0	1,735.1	1,969.2
Male	90.8	217.7	405.8	691.7	1,043.4	1,423.8	1,884.8	2,301.7	2,799.2	3,238.3
Female	92.9	162.0	266.7	410.9	557.4	712.0	852.5	982.5	1,184.1	1,431.3
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	1.2	2.6	5.0	8.4	11.9	13.0	15.4	16.3	18.1	23.1
Male	1.9	4.4	7.8	13.2	19.2	20.3	23.0	24.4	29.1	37.4
Female	.5	1.0	2.3	4.0	5.4	7.1	9.8	11.1	12.2	17.5
White	.8	1.9	4.1	7.2	10.8	12.1	15.1	16.6	17.9	23.5
Male	1.3	3.1	6.2	11.0	17.3	18.5	22.4	24.2	28.2	38.3
Female	.4	.6	2.1	3.5	5.1	6.9	9.7	11.7	12.5	17.9
All other	3.1	7.5	10.6	16.6	19.8	20.2	17.8	13.3	19.5	18.4
Male	5.6	12.6	18.5	28.8	35.3	35.9	29.1	25.9	38.0	29.5
Female	*	3.0	4.0	6.8	7.9	8.5	10.0	5.5	9.1	13.4
Black	3.8	8.9	12.9	19.8	22.9	22.4	19.0	13.6	19.1	18.0
Male	6.9	15.8	22.8	35.7	40.9	40.2	31.6	28.5	40.7	30.2
Female	*	3.1	4.8	7.2	9.4	9.6	10.6	*	*	12.8
Malignant neoplasms of digestive organs and peritoneum (150-159)	9.9	22.1	43.3	72.8	117.0	173.0	241.1	321.7	416.3	553.8
Male	12.3	27.7	56.0	95.3	153.0	229.1	318.1	426.0	542.0	699.5
Female	7.6	16.7	31.3	52.2	85.7	127.6	183.9	254.6	349.6	497.6
White	8.9	19.6	38.5	66.6	110.3	165.2	232.2	312.9	408.2	547.5
Male	11.1	24.1	49.0	87.3	143.6	218.9	306.6	412.7	532.3	690.6
Female	6.7	15.1	28.4	47.3	80.7	121.2	176.4	248.5	342.6	493.2
All other	15.7	37.8	72.6	114.6	167.9	237.8	322.2	404.4	501.2	620.0
Male	19.4	51.2	101.8	154.1	230.3	318.3	428.8	554.4	638.9	782.5
Female	12.5	26.2	47.8	82.9	120.5	178.3	249.6	311.3	423.5	546.2
Black	17.8	43.9	80.9	128.7	186.8	260.7	346.0	427.1	524.8	645.9
Male	21.7	60.5	115.8	175.4	253.5	348.8	462.1	588.7	687.3	813.3
Female	14.4	30.1	52.4	91.8	136.4	197.0	269.8	332.3	440.7	574.9
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	11.0	31.6	69.8	128.1	204.5	270.7	332.6	355.3	326.6	252.9
Male	14.1	40.1	91.1	176.0	289.9	399.1	511.1	588.1	605.6	538.0
Female	8.0	23.4	49.7	84.2	130.2	166.5	200.2	205.7	178.4	142.8
White	10.0	29.6	66.7	123.4	200.7	268.1	332.5	357.8	329.2	252.5
Male	12.3	36.0	84.6	165.7	279.3	388.6	503.5	585.1	608.6	540.4
Female	7.7	23.3	49.4	83.9	130.9	169.4	204.5	211.1	181.7	143.2
All other	16.9	44.0	89.1	159.8	233.5	291.6	333.7	331.9	299.3	256.5
Male	25.4	67.1	133.9	251.6	376.1	492.0	584.7	616.5	575.8	516.0
Female	9.6	24.0	51.0	86.1	125.0	143.4	162.8	155.2	143.3	138.5
Black	21.5	55.5	110.4	192.9	277.8	335.0	373.9	353.6	314.6	256.5
Male	33.1	86.8	171.4	308.5	453.4	570.9	674.0	683.8	644.6	535.7
Female	11.6	29.2	60.4	101.4	145.2	164.5	176.8	160.1	143.7	138.1
Malignant neoplasm of breast (174-175)	12.4	19.1	28.5	37.0	46.7	58.5	69.2	85.4	102.7	142.6
Male	*	*	*	.5	.8	1.0	1.3	1.5	1.8	2.4
Female	24.4	37.3	55.1	70.3	86.6	105.1	119.7	139.4	156.4	196.8
White	11.9	18.4	27.7	36.0	46.6	58.8	70.0	86.6	103.9	144.2
Male	*	*	*	*	.7	.9	1.2	1.6	1.6	*
Female	23.7	36.2	54.0	69.2	87.3	106.3	121.6	141.5	157.9	198.0
All other	15.1	23.9	33.6	43.5	47.1	55.7	61.8	74.1	90.4	126.7
Male	*	*	*	*	*	*	*	*	*	*
Female	28.1	44.0	61.7	77.6	81.9	95.8	102.3	119.7	139.6	183.2
Black	18.3	28.0	39.7	50.7	55.6	64.1	71.3	83.6	102.7	142.4
Male	*	*	*	*	*	*	*	*	*	*
Female	33.8	50.9	71.8	89.9	96.5	109.0	116.3	132.2	153.7	201.5
Malignant neoplasms of genital organs (179-187)	5.0	8.5	14.8	25.1	43.4	74.6	118.5	169.6	231.5	292.2
Male	.6	1.1	5.0	15.9	40.0	87.8	170.9	290.5	478.4	750.0
Female	9.3	15.6	24.0	33.5	46.4	64.0	79.6	91.8	100.4	115.6
White	4.7	8.2	14.2	23.3	40.4	69.8	111.6	160.2	218.2	277.5
Male	.6	1.1	4.6	13.5	35.4	78.9	156.3	268.0	446.3	709.2
Female	8.8	15.1	23.5	32.6	44.8	62.3	78.1	90.7	97.7	113.6
All other	6.8	10.7	18.2	36.9	66.3	115.0	180.9	257.8	370.5	448.4
Male	*	*	7.9	33.4	78.1	166.3	311.1	508.4	798.2	1,130.2
Female	12.3	18.8	26.9	39.6	57.3	77.0	92.3	102.3	129.1	138.5
Black	7.8	12.1	20.9	44.2	77.8	134.5	209.8	292.8	415.6	493.6
Male	*	*	9.6	42.8	96.4	201.6	375.9	599.3	944.6	1,308.3
Female	14.1	20.8	30.1	45.3	63.8	86.0	100.8	113.2	141.6	148.4

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-Con.										
Malignant neoplasms of urinary organs (188-189)	8.3	*	0.1	0.1	*	*	*	0.1	0.4	0.6
Male	10.9	*	*	*	*	*	*	*	.4	.8
Female	5.9	*	*	*	*	*	*	*	.3	.4
White	9.0	*	*	.2	*	*	*	*	.3	.6
Male	11.8	*	*	*	*	*	*	*	.3	.8
Female	6.2	*	*	*	*	*	*	*	*	.3
All other	4.9	*	*	*	*	*	*	*	.9	.7
Male	5.9	*	*	*	*	*	*	*	*	*
Female	4.0	*	*	*	*	*	*	*	*	*
Black	5.9	*	*	*	*	*	*	*	1.1	*
Male	7.1	*	*	*	*	*	*	*	*	*
Female	4.8	*	*	*	*	*	*	*	*	*
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	24.2	1.3	1.9	1.7	1.5	1.6	2.0	2.8	4.4	6.6
Male	26.3	1.3	2.0	1.8	1.4	1.8	2.5	3.4	5.2	7.8
Female	22.2	1.3	1.7	1.7	1.5	1.5	1.5	2.2	3.6	5.3
White	25.7	1.2	1.9	1.7	1.5	1.7	2.0	2.9	4.5	6.8
Male	27.8	*	2.0	1.8	1.5	1.7	2.5	3.4	5.4	8.0
Female	23.7	*	1.8	1.7	1.6	1.5	1.5	2.3	3.6	5.5
All other	16.5	*	1.9	1.7	1.2	1.6	1.8	2.4	3.9	5.5
Male	18.5	*	2.3	1.8	1.2	1.8	2.4	3.0	4.0	6.9
Female	14.7	*	1.6	1.5	1.2	1.4	1.2	1.9	3.8	4.3
Black	19.2	*	2.2	1.8	1.3	1.7	2.0	2.9	4.4	6.1
Male	21.7	*	2.4	1.9	*	1.8	2.7	3.6	4.6	7.8
Female	17.0	*	1.9	1.6	*	1.6	*	2.3	4.1	4.7
Leukemia (204-208)	7.5	.6	1.1	1.0	1.1	1.5	1.4	1.4	1.6	2.1
Male	8.4	*	1.2	1.2	1.5	1.9	1.5	1.8	1.9	2.3
Female	6.6	*	1.1	.9	.8	1.2	1.2	1.1	1.4	2.0
White	8.0	*	1.2	1.0	1.2	1.5	1.4	1.4	1.6	2.0
Male	9.0	*	1.3	1.2	1.5	2.0	1.6	1.7	1.9	2.1
Female	7.1	*	1.1	.9	.8	1.1	1.2	1.0	1.3	2.0
All other	4.6	*	.9	1.0	1.0	1.5	1.0	1.7	1.8	2.5
Male	5.3	*	*	1.2	1.3	1.6	*	2.0	1.7	3.2
Female	4.1	*	*	*	*	1.4	*	1.5	1.8	1.9
Black	5.2	*	*	.9	1.0	1.5	1.0	1.8	1.8	2.7
Male	5.9	*	*	*	*	1.5	*	1.9	2.0	3.5
Female	4.6	*	*	*	*	1.5	*	1.6	1.7	2.0
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	11.7	*	*	.2	.3	.6	1.0	1.7	2.2	2.7
Male	12.6	*	*	.3	.4	.7	1.3	2.2	3.2	3.7
Female	10.9	*	*	*	*	.4	.8	1.1	1.3	1.7
White	12.5	*	*	.2	.3	.6	1.0	1.7	2.3	2.7
Male	13.3	*	*	.3	.4	.7	1.2	2.3	3.2	3.7
Female	11.6	*	*	*	*	.4	.8	1.1	1.3	1.7
All other	7.8	*	*	*	*	*	1.1	1.5	2.1	2.9
Male	8.8	*	*	*	*	*	1.7	2.0	3.1	4.0
Female	6.9	*	*	*	*	*	*	1.1	1.2	1.9
Black	9.1	*	*	*	*	*	1.4	1.8	2.7	3.3
Male	10.3	*	*	*	*	*	2.0	2.3	3.9	4.7
Female	8.0	*	*	*	*	*	*	*	1.6	2.2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2.7	1.8	.5	.3	.3	.3	.3	.4	.6	.7
Male	2.5	1.5	.5	.2	.3	.3	.2	.4	.7	.9
Female	2.9	2.1	.6	.3	.3	.2	.3	.4	.5	.5
White	2.8	1.8	.5	.3	.3	.2	.2	.4	.6	.7
Male	2.6	1.6	.5	.3	*	.3	*	.4	.7	.9
Female	3.0	2.1	.5	.4	.3	*	.3	.4	.6	.5
All other	2.1	*	*	*	*	*	*	*	*	.9
Male	1.9	*	*	*	*	*	*	*	*	*
Female	2.3	*	*	*	*	*	*	*	*	*
Black	2.5	*	*	*	*	*	*	*	*	1.0
Male	2.2	*	*	*	*	*	*	*	*	*
Female	2.7	*	*	*	*	*	*	*	*	*
Diabetes mellitus (250)	19.2	*	*	*	*	.2	.4	1.1	2.0	3.1
Male	16.7	*	*	*	*	*	.4	1.2	2.3	3.9
Female	21.5	*	*	*	*	.2	.5	1.1	1.7	2.4
White	18.5	*	*	*	*	.1	.3	1.0	1.8	2.8
Male	16.5	*	*	*	*	*	.4	1.0	2.0	3.5
Female	20.5	*	*	*	*	*	.3	1.0	1.5	2.1
All other	22.4	*	*	*	*	*	.9	1.8	3.0	4.5
Male	18.1	*	*	*	*	*	*	2.2	3.7	5.6
Female	26.4	*	*	*	*	*	1.3	1.5	2.3	3.6
Black	26.6	*	*	*	*	*	1.1	2.4	3.9	5.7
Male	21.1	*	*	*	*	*	*	2.9	4.9	6.9
Female	31.5	*	*	*	*	*	1.6	2.0	3.0	4.6
Nutritional deficiencies (260-269)	1.2	*	*	*	*	*	*	*	*	.1
Male	.9	*	*	*	*	*	*	*	*	*
Female	1.5	*	*	*	*	*	*	*	*	*
White	1.2	*	*	*	*	*	*	*	*	*
Male	.9	*	*	*	*	*	*	*	*	*
Female	1.5	*	*	*	*	*	*	*	*	*
All other	1.2	*	*	*	*	*	*	*	*	*
Male	1.1	*	*	*	*	*	*	*	*	*
Female	1.3	*	*	*	*	*	*	*	*	*
Black	1.4	*	*	*	*	*	*	*	*	*
Male	1.3	*	*	*	*	*	*	*	*	*
Female	1.5	*	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-Con.										
Malignant neoplasms of urinary organs (188-189)	1.6	3.3	7.0	11.9	19.4	28.0	40.0	57.5	74.9	101.3
Male	2.2	4.7	10.3	17.7	29.4	41.6	62.8	95.0	129.4	186.3
Female	.9	2.0	3.9	6.7	10.8	17.0	23.1	33.3	45.9	68.5
White	1.5	3.2	7.1	12.0	19.5	28.3	40.4	58.1	76.8	103.7
Male	2.2	4.6	10.5	17.8	29.7	42.1	63.5	96.6	134.6	194.9
Female	.8	1.9	3.8	6.7	10.5	16.9	23.1	33.2	46.4	69.0
All other	1.9	3.9	6.9	11.3	19.0	26.2	36.4	51.8	54.6	76.0
Male	2.5	5.3	9.2	16.4	26.8	37.2	55.7	80.0	77.6	105.6
Female	*	2.6	4.9	7.2	13.0	18.0	23.2	34.4	41.5	62.5
Black	2.3	4.9	7.9	13.7	22.6	30.1	40.7	58.5	59.7	76.8
Male	3.0	7.1	10.7	20.2	32.0	43.3	62.1	91.2	89.5	110.2
Female	*	3.0	5.6	8.6	15.5	20.6	26.7	39.4	44.2	62.7
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	10.6	17.4	27.2	43.0	62.3	82.4	106.4	132.2	161.7	203.7
Male	12.6	20.7	33.2	53.9	78.8	104.9	135.5	169.7	203.2	269.8
Female	8.6	14.2	21.5	33.1	48.0	64.2	84.9	108.0	139.6	178.2
White	10.8	17.3	26.8	43.0	61.9	82.0	107.1	133.1	162.2	205.6
Male	12.8	20.5	32.2	53.8	77.5	104.1	135.5	171.4	204.5	276.6
Female	8.8	14.2	21.6	32.9	48.1	63.9	85.9	108.4	139.8	178.6
All other	9.3	17.6	29.5	43.5	65.6	86.1	100.2	123.2	156.4	183.9
Male	11.5	22.1	39.7	54.8	89.5	112.2	135.5	153.7	190.1	206.4
Female	7.4	13.8	20.9	34.4	47.4	66.7	76.1	104.2	137.4	173.7
Black	11.4	20.7	34.8	51.2	76.3	98.3	110.6	133.2	161.6	189.1
Male	14.3	27.3	47.3	66.3	104.0	130.0	155.4	169.0	198.3	223.3
Female	8.9	15.1	24.6	39.3	55.3	75.3	81.3	112.2	142.7	174.6
Leukemia (204-208)	2.6	3.8	6.0	9.2	14.0	21.3	32.7	45.2	60.6	79.2
Male	2.7	4.2	7.4	11.3	18.2	29.1	45.2	63.4	87.0	116.0
Female	2.4	3.5	4.8	7.2	10.3	15.0	23.4	33.4	46.5	65.0
White	2.5	3.8	6.1	9.1	14.0	21.5	33.5	46.2	62.0	81.5
Male	2.7	4.1	7.4	11.4	18.3	29.2	45.9	64.9	89.7	120.7
Female	2.4	3.5	4.8	7.1	10.2	15.3	24.2	34.2	47.4	66.6
All other	2.9	3.9	5.9	9.3	13.9	19.3	25.2	35.1	45.2	54.9
Male	3.1	4.5	7.4	11.1	17.3	28.0	37.9	48.7	60.7	72.5
Female	2.7	3.3	4.6	7.8	11.3	12.9	16.6	26.6	36.5	46.9
Black	2.8	4.7	6.9	10.7	15.5	21.4	28.7	37.8	49.6	59.7
Male	2.8	5.4	8.7	13.9	19.6	31.1	43.1	52.0	69.1	83.0
Female	2.9	4.2	5.4	8.1	12.5	14.4	19.2	29.5	39.5	49.9
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	3.9	6.4	10.8	17.0	26.3	39.4	56.8	74.9	97.5	104.1
Male	5.4	8.3	14.1	21.3	33.2	47.0	69.8	93.5	124.0	140.5
Female	2.4	4.6	7.7	13.0	20.4	33.2	47.2	62.9	83.4	90.0
White	3.7	6.3	10.6	16.6	26.2	39.3	56.9	75.8	98.8	105.9
Male	5.1	8.0	14.0	21.0	32.8	46.6	69.7	94.8	125.5	142.0
Female	2.3	4.5	7.3	12.4	20.4	33.3	47.3	63.6	84.8	92.1
All other	5.0	7.5	12.3	19.7	27.0	39.9	56.3	65.7	83.4	85.2
Male	6.9	10.1	14.9	23.3	36.3	50.0	70.1	81.3	109.2	126.5
Female	3.4	5.2	10.1	16.7	19.9	32.5	46.9	56.0	68.9	66.5
Black	6.2	8.7	14.9	23.1	31.2	44.1	61.6	69.7	87.4	87.1
Male	8.4	12.3	18.9	27.6	42.1	56.0	77.9	88.4	121.0	131.3
Female	4.3	5.7	11.6	19.5	22.9	35.5	50.9	58.7	70.0	68.4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	.9	1.2	2.0	2.7	4.4	6.8	10.6	16.9	24.9	40.2
Male	.9	1.2	2.0	2.8	4.9	8.0	13.0	18.0	28.7	44.9
Female	.9	1.2	2.0	2.7	4.0	5.8	8.9	16.3	22.8	38.3
White	.8	1.1	1.8	2.6	4.3	6.5	10.5	16.8	24.5	41.0
Male	.8	1.2	1.8	2.6	4.8	7.7	13.0	18.1	29.1	47.4
Female	.8	1.1	1.8	2.5	3.9	5.5	8.7	15.9	22.1	38.6
All other	1.3	1.9	3.4	3.8	4.9	9.3	11.7	18.5	28.9	31.5
Male	1.7	*	3.6	3.6	5.0	11.1	13.5	16.5	25.1	*
Female	*	2.3	3.2	3.9	4.8	8.0	10.4	19.7	31.0	35.7
Black	1.7	2.2	3.7	4.1	5.6	10.8	13.2	18.8	31.6	34.1
Male	*	*	4.5	*	6.2	12.8	16.2	16.8	29.5	*
Female	*	2.6	3.1	4.3	5.1	9.4	11.2	20.0	32.6	38.4
Diabetes mellitus (250)	5.1	8.6	14.6	24.3	41.6	62.6	87.4	125.8	175.4	255.0
Male	6.2	9.6	16.4	26.3	42.9	64.9	91.7	137.9	181.1	253.4
Female	4.0	7.7	12.8	22.6	40.4	60.8	84.2	118.0	172.4	255.7
White	4.4	7.1	11.7	20.4	35.5	55.4	78.9	117.3	164.9	245.2
Male	5.5	7.9	13.9	22.7	38.0	59.7	85.7	132.7	175.1	250.5
Female	3.4	6.3	9.7	18.3	33.3	51.9	73.8	107.4	159.5	243.2
All other	8.8	18.1	32.1	50.7	87.1	122.7	164.8	206.1	284.7	359.4
Male	10.3	20.6	33.2	52.3	83.0	110.7	149.0	189.0	241.0	281.3
Female	7.5	15.9	31.1	49.4	90.2	131.5	175.6	216.8	309.4	394.8
Black	11.0	22.2	38.8	60.7	99.2	139.1	184.5	225.6	305.9	376.9
Male	12.7	25.0	40.0	62.0	94.5	126.7	163.7	205.9	259.3	298.8
Female	9.6	19.9	37.9	59.7	102.8	148.1	198.1	237.2	330.1	409.9
Nutritional deficiencies (260-269)	*	.2	.2	.5	.7	1.4	2.4	6.2	13.6	50.7
Male	*	*	*	.4	.7	1.6	2.7	6.9	15.5	52.9
Female	*	*	*	.5	.7	1.2	2.2	5.7	12.6	49.9
White	*	*	*	.3	.6	1.2	2.0	5.8	12.4	49.6
Male	*	*	*	*	.5	1.4	2.3	6.4	14.0	50.3
Female	*	*	*	*	.6	1.0	1.8	5.3	11.6	49.3
All other	*	*	*	*	1.7	2.9	6.1	10.1	25.4	62.6
Male	*	*	*	*	*	*	6.6	12.1	29.9	77.4
Female	*	*	*	*	*	*	5.8	8.9	22.8	55.8
Black	*	*	*	*	2.1	3.4	7.1	11.6	27.1	66.0
Male	*	*	*	*	*	*	8.3	14.0	33.6	81.5
Female	*	*	*	*	*	*	6.2	10.2	23.7	59.5

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Anemias (280-285)	1.6	0.7	0.3	0.2	0.1	0.3	0.4	0.4	0.5	0.6
Male	1.5	1.0	.4	*	*	.3	.5	.5	.5	.5
Female	1.8	*	.3	*	*	*	.3	.3	.4	.6
White	1.5	*	*	*	*	*	.1	*	.1	.2
Male	1.2	*	*	*	*	*	*	*	*	*
Female	1.7	*	*	*	*	*	*	*	*	*
All other	2.4	*	1.1	*	*	1.0	1.5	1.8	2.3	2.6
Male	2.6	*	1.5	*	*	1.3	1.8	2.3	2.6	2.5
Female	2.2	*	*	*	*	*	1.2	1.5	2.0	2.6
Black	2.9	*	1.3	*	*	1.2	2.0	2.4	3.0	3.3
Male	3.2	*	*	*	*	1.6	2.4	2.9	3.5	3.4
Female	2.7	*	*	*	*	*	1.6	1.9	2.6	3.3
Meningitis (320-322)	.4	5.0	.5	.1	*	*	*	.1	.1	.2
Male	.4	5.4	.7	*	*	*	*	*	.2	.4
Female	.4	4.6	.4	*	*	*	*	*	*	*
White	.3	3.5	.5	.1	*	*	*	*	.1	.2
Male	.4	4.1	.6	*	*	*	*	*	*	.3
Female	.3	3.0	.3	*	*	*	*	*	*	*
All other	.8	10.5	.8	*	*	*	*	*	*	*
Male	.9	10.4	*	*	*	*	*	*	*	*
Female	.7	10.6	*	*	*	*	*	*	*	*
Black	.9	11.6	1.0	*	*	*	*	*	*	*
Male	1.1	11.5	*	*	*	*	*	*	*	*
Female	.8	11.7	*	*	*	*	*	*	*	*
Major cardiovascular diseases (390-448)	368.3	24.4	2.3	.9	1.4	2.5	4.1	7.1	13.6	26.5
Male	365.2	26.8	2.2	.9	1.5	3.2	4.8	8.6	17.5	37.4
Female	371.3	21.9	2.4	.9	1.3	1.7	3.4	5.6	9.7	15.9
White	387.0	19.4	1.8	.9	1.2	2.2	3.2	5.9	10.7	21.2
Male	381.6	21.1	1.7	.9	1.4	2.8	4.0	7.2	14.4	30.9
Female	392.1	17.6	2.0	.8	1.1	1.5	2.5	4.5	7.1	11.5
All other	270.8	43.6	3.9	1.1	2.0	3.6	7.9	13.1	27.8	54.3
Male	277.1	49.0	4.1	*	1.7	4.5	8.8	15.7	34.5	73.7
Female	265.0	38.1	3.7	1.2	2.3	2.8	7.0	10.7	21.8	37.3
Black	321.7	48.4	4.5	1.1	2.3	4.3	9.6	15.7	34.6	67.8
Male	327.4	54.3	4.8	*	2.0	5.1	10.6	18.6	43.0	91.3
Female	316.6	42.4	4.1	*	2.5	3.5	8.6	13.0	27.2	47.4
Diseases of heart (390-398,402,404-429)	289.5	20.1	1.9	.7	1.1	1.9	3.0	5.1	10.1	20.5
Male	297.6	21.9	1.9	.7	1.2	2.5	3.6	6.6	13.9	30.6
Female	281.8	18.3	1.9	.7	1.0	1.3	2.3	3.6	6.3	10.6
White	305.4	16.0	1.5	.7	1.0	1.7	2.3	4.1	8.1	16.9
Male	312.7	17.5	1.5	.7	1.1	2.2	2.9	5.4	11.5	26.0
Female	298.4	14.5	1.6	.6	.8	1.1	1.7	2.8	4.6	7.8
All other	206.7	35.8	3.4	.8	1.6	2.9	6.0	9.9	20.1	39.2
Male	216.9	39.1	3.4	*	1.5	3.8	7.0	12.8	27.1	56.1
Female	197.4	32.4	3.3	*	1.7	2.0	5.1	7.3	13.9	24.4
Black	246.4	39.8	3.9	.9	1.7	3.5	7.3	12.0	25.4	48.9
Male	256.8	43.7	4.0	*	1.7	4.5	8.5	15.3	33.9	69.5
Female	237.0	35.8	3.8	*	1.8	2.5	6.3	9.0	17.9	31.1
Rheumatic fever and rheumatic heart disease (390-398)	2.4	*	*	*	*	*	*	.2	.3	.5
Male	1.5	*	*	*	*	*	*	*	.3	.6
Female	3.3	*	*	*	*	*	*	.2	.3	.5
White	2.6	*	*	*	*	*	*	.1	.3	.4
Male	1.6	*	*	*	*	*	*	*	.3	.5
Female	3.6	*	*	*	*	*	*	*	.2	.4
All other	1.3	*	*	*	*	*	*	*	*	1.2
Male	.9	*	*	*	*	*	*	*	*	*
Female	1.7	*	*	*	*	*	*	*	*	1.2
Black	1.4	*	*	*	*	*	*	*	*	1.4
Male	1.0	*	*	*	*	*	*	*	*	*
Female	1.8	*	*	*	*	*	*	*	*	1.6
Hypertensive heart disease (402)	8.5	*	*	*	*	*	*	.2	.5	1.0
Male	7.3	*	*	*	*	*	*	.3	.7	1.4
Female	9.6	*	*	*	*	*	*	*	.3	.7
White	7.3	*	*	*	*	*	*	*	.2	.5
Male	5.9	*	*	*	*	*	*	*	.4	.7
Female	8.5	*	*	*	*	*	*	*	*	*
All other	14.8	*	*	*	*	*	*	.7	1.7	4.0
Male	14.4	*	*	*	*	*	*	*	2.3	5.2
Female	15.1	*	*	*	*	*	*	*	1.1	3.0
Black	18.5	*	*	*	*	*	*	.9	2.2	5.3
Male	18.1	*	*	*	*	*	*	*	3.0	6.9
Female	18.9	*	*	*	*	*	*	*	1.5	3.9
Hypertensive heart and renal disease (404)	1.0	*	*	*	*	*	*	*	*	*
Male	.8	*	*	*	*	*	*	*	*	*
Female	1.1	*	*	*	*	*	*	*	*	*
White	.8	*	*	*	*	*	*	*	*	*
Male	.6	*	*	*	*	*	*	*	*	*
Female	.9	*	*	*	*	*	*	*	*	*
All other	1.8	*	*	*	*	*	*	*	*	*
Male	1.6	*	*	*	*	*	*	*	*	*
Female	2.0	*	*	*	*	*	*	*	*	*
Black	2.3	*	*	*	*	*	*	*	*	*
Male	2.1	*	*	*	*	*	*	*	*	*
Female	2.5	*	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Anemias (280-285)	0.5	0.4	0.8	0.9	1.6	2.5	4.4	8.1	16.1	43.0
Male	.6	.5	.9	1.0	1.5	2.5	5.5	9.9	18.4	49.0
Female	.4	.4	.7	.9	1.8	2.5	3.6	7.0	14.8	40.7
White	.2	.2	.5	.7	1.5	2.2	4.2	7.6	16.0	42.8
Male	.3	*	.6	.7	1.2	2.3	5.0	8.8	18.2	49.0
Female	*	*	.5	.7	1.6	2.1	3.5	6.8	14.9	40.5
All other	1.9	1.8	2.7	2.2	3.0	5.0	7.0	13.3	16.6	44.9
Male	2.2	*	3.1	*	*	4.3	10.0	20.1	21.0	49.1
Female	1.7	*	2.4	*	*	5.5	4.9	9.1	14.1	43.0
Black	2.6	2.3	3.4	2.3	3.5	5.7	7.7	14.7	18.7	47.6
Male	3.0	*	4.0	*	*	*	11.5	22.9	23.4	52.8
Female	2.3	*	*	*	*	6.2	5.2	9.8	16.3	45.4
Meningitis (320-322)	.2	.3	.4	.5	.6	.7	1.0	1.1	1.6	2.0
Male	.3	.3	.5	.5	.7	.7	1.0	1.1	1.6	2.6
Female	*	*	*	.5	.6	.7	.9	1.1	1.5	1.8
White	.2	.2	.3	.4	.6	.7	.8	.9	1.3	1.7
Male	*	*	*	*	.7	.7	.9	.9	*	*
Female	*	*	*	.4	.5	.7	.8	.9	1.4	1.6
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Major cardiovascular diseases (390-448)	54.0	107.6	189.6	327.9	540.5	858.0	1,408.3	2,317.3	3,972.7	8,942.7
Male	79.1	157.3	276.1	473.6	766.6	1,197.2	1,914.9	3,047.8	4,985.9	9,598.2
Female	29.5	59.8	108.0	194.7	343.5	582.9	1,032.4	1,847.5	3,434.6	8,689.8
White	45.7	94.1	169.5	300.6	507.7	816.1	1,369.7	2,286.7	3,963.5	9,064.1
Male	69.2	141.6	253.6	442.2	735.6	1,159.0	1,882.9	3,036.6	5,014.3	9,767.2
Female	22.2	47.6	88.7	168.6	305.5	534.9	985.3	1,802.6	3,408.7	8,797.2
All other	102.1	190.9	315.0	512.1	788.1	1,206.2	1,760.1	2,606.1	4,067.9	7,655.6
Male	140.7	260.4	425.6	702.8	1,020.7	1,533.5	2,223.3	3,155.9	4,702.9	8,020.8
Female	68.7	130.8	221.2	359.0	611.2	964.1	1,444.7	2,265.0	3,709.6	7,489.6
Black	129.9	238.6	384.8	607.8	926.6	1,381.4	1,968.4	2,843.2	4,335.3	7,998.9
Male	178.5	328.0	525.2	837.8	1,196.7	1,764.3	2,506.7	3,492.0	5,115.4	8,486.5
Female	88.3	163.6	269.8	425.7	722.5	1,104.7	1,614.9	2,462.9	3,931.4	7,792.2
Diseases of heart (390-398,402,404-429)	43.7	88.6	159.4	277.4	456.0	706.5	1,131.1	1,815.9	3,044.7	6,739.9
Male	67.9	136.1	240.6	412.6	663.5	1,008.2	1,570.7	2,433.3	3,910.7	7,418.4
Female	20.1	42.9	82.7	153.9	275.2	461.9	804.8	1,418.8	2,584.9	6,478.1
White	38.2	79.9	145.4	258.1	433.1	677.6	1,107.3	1,799.4	3,046.8	6,837.3
Male	61.2	125.9	225.4	390.2	643.1	984.3	1,554.1	2,435.5	3,946.2	7,558.7
Female	15.4	34.8	68.7	135.1	246.9	426.1	772.6	1,388.7	2,572.0	6,563.4
All other	75.4	142.3	245.9	407.3	628.2	947.0	1,347.2	1,971.6	3,022.9	5,707.5
Male	110.0	202.8	341.7	575.8	830.4	1,218.7	1,730.3	2,412.1	3,556.9	6,109.3
Female	45.5	90.1	164.6	272.1	474.4	746.0	1,086.4	1,698.4	2,721.6	5,524.9
Black	95.8	178.1	301.2	484.6	741.6	1,088.3	1,513.9	2,156.4	3,232.2	5,978.5
Male	138.5	254.0	420.0	684.6	977.4	1,404.1	1,959.1	2,677.7	3,887.1	6,479.6
Female	59.2	114.4	203.9	326.2	563.6	860.0	1,221.5	1,850.8	2,893.1	5,766.1
Rheumatic fever and rheumatic heart disease (390-398)	.8	1.1	2.0	3.2	4.9	7.6	10.8	15.7	23.3	29.3
Male	.7	1.0	1.2	2.6	4.1	6.2	8.2	10.3	15.9	18.7
Female	.9	1.2	2.8	3.8	5.5	8.7	12.6	19.3	27.3	33.3
White	.6	1.0	1.9	3.2	4.9	7.8	11.3	16.6	24.6	30.5
Male	.6	.9	1.2	2.7	4.0	6.5	8.7	10.7	16.8	19.2
Female	.7	1.1	2.6	3.7	5.7	8.9	13.3	20.4	28.8	34.8
All other	1.9	1.6	2.6	3.4	5.0	5.6	5.7	7.5	9.3	16.1
Male	*	*	*	*	5.2	*	*	*	*	*
Female	2.2	*	4.0	4.5	4.8	7.1	7.2	8.3	11.0	17.3
Black	2.1	1.8	3.0	3.5	4.9	5.8	6.1	6.0	9.4	15.7
Male	*	*	*	*	5.5	*	*	*	*	*
Female	2.6	*	4.6	4.5	4.5	7.2	7.5	*	10.5	16.6
Hypertensive heart disease (402)	2.3	4.4	7.0	11.0	15.6	22.4	31.2	49.0	79.6	173.4
Male	3.2	5.5	9.2	14.6	19.6	27.0	34.7	49.6	77.0	129.1
Female	1.4	3.3	5.0	7.6	12.2	18.7	28.6	48.5	81.0	190.5
White	1.3	2.3	4.1	7.2	10.5	16.6	23.5	41.4	71.5	162.9
Male	2.0	3.1	5.8	10.1	14.0	20.5	27.0	42.7	66.1	116.6
Female	.6	1.5	2.5	4.4	7.4	13.5	20.8	40.5	74.3	180.5
All other	8.0	17.2	25.2	36.6	54.4	70.4	101.7	120.4	163.7	284.5
Male	10.6	21.2	31.7	47.2	65.5	84.1	108.9	116.6	185.2	245.7
Female	5.8	13.7	19.8	28.0	46.0	60.3	96.8	122.8	151.5	302.1
Black	10.8	22.8	32.6	46.3	67.1	83.6	121.3	137.1	181.4	309.0
Male	14.2	28.4	41.3	60.4	80.6	100.9	132.4	135.4	209.5	277.7
Female	7.9	18.1	25.5	35.1	56.9	71.1	114.0	138.1	166.9	322.3
Hypertensive heart and renal disease (404)	.2	.2	.5	.8	1.2	2.3	3.4	5.7	11.9	22.6
Male	.3	.3	.6	.9	1.2	2.6	3.4	5.9	12.5	25.2
Female	*	*	.4	.7	1.2	2.0	3.4	5.6	11.6	21.6
White	*	*	*	.4	.7	1.6	2.6	4.5	10.2	20.3
Male	*	*	*	*	.7	1.9	2.8	4.4	11.0	23.6
Female	*	*	*	*	.8	1.4	2.4	4.6	9.7	19.1
All other	1.1	*	2.6	3.7	4.7	7.9	11.3	16.6	30.3	46.5
Male	*	*	3.1	4.6	5.0	8.7	9.7	20.1	27.5	40.5
Female	*	*	*	2.9	4.4	7.4	12.4	14.4	31.9	49.1
Black	1.5	*	3.4	4.8	5.8	9.5	13.6	19.0	33.6	53.5
Male	*	*	4.1	6.1	6.0	10.3	12.3	24.1	32.5	46.8
Female	*	*	*	3.8	5.6	9.0	14.5	16.1	34.2	56.3

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Diseases of heart-Con.										
Ischemic heart disease (410-414)	196.7	0.7	*	*	*	0.1	0.5	1.3	3.6	10.0
Male	208.3	*	*	*	*	*	.6	1.9	5.6	16.3
Female	185.6	*	*	*	*	*	.3	.6	1.6	3.9
White	212.7	*	*	*	*	*	.4	1.2	3.3	9.3
Male	225.1	*	*	*	*	*	.5	1.7	5.2	15.4
Female	200.8	*	*	*	*	*	.3	.6	1.4	3.2
All other	113.3	*	*	*	*	*	.7	1.8	5.2	13.8
Male	118.7	*	*	*	*	*	1.2	2.7	8.0	21.0
Female	108.3	*	*	*	*	*	*	1.0	2.6	7.5
Black	133.1	*	*	*	*	*	.9	2.2	6.3	16.8
Male	137.7	*	*	*	*	*	*	3.2	9.7	25.8
Female	128.9	*	*	*	*	*	*	1.4	3.4	9.1
Acute myocardial infarction (410)	96.1	*	*	*	*	*	.3	.8	2.0	5.8
Male	106.8	*	*	*	*	*	.3	1.1	3.1	9.0
Female	85.9	*	*	*	*	*	.2	.4	1.0	2.6
White	103.6	*	*	*	*	*	.3	.7	1.9	5.4
Male	115.4	*	*	*	*	*	.3	1.0	2.9	8.7
Female	92.3	*	*	*	*	*	*	.4	.8	2.2
All other	56.9	*	*	*	*	*	*	1.2	2.8	7.6
Male	60.9	*	*	*	*	*	*	1.8	4.2	10.9
Female	53.2	*	*	*	*	*	*	*	1.6	4.7
Black	67.0	*	*	*	*	*	*	1.5	3.6	9.2
Male	71.1	*	*	*	*	*	*	2.3	5.4	13.6
Female	63.4	*	*	*	*	*	*	*	2.0	5.5
Other acute and subacute forms of ischemic heart disease (411)	1.3	*	*	*	*	*	*	*	*	.2
Male	1.6	*	*	*	*	*	*	*	*	.2
Female	1.1	*	*	*	*	*	*	*	*	*
White	1.3	*	*	*	*	*	*	*	*	.2
Male	1.6	*	*	*	*	*	*	*	*	*
Female	1.1	*	*	*	*	*	*	*	*	*
All other	1.3	*	*	*	*	*	*	*	*	*
Male	1.6	*	*	*	*	*	*	*	*	*
Female	1.1	*	*	*	*	*	*	*	*	*
Black	1.6	*	*	*	*	*	*	*	*	*
Male	1.9	*	*	*	*	*	*	*	*	*
Female	1.3	*	*	*	*	*	*	*	*	*
Angina pectoris (413)	.4	*	*	*	*	*	*	*	*	*
Male	.4	*	*	*	*	*	*	*	*	*
Female	.5	*	*	*	*	*	*	*	*	*
White	.5	*	*	*	*	*	*	*	*	*
Male	.4	*	*	*	*	*	*	*	*	*
Female	.5	*	*	*	*	*	*	*	*	*
All other	.3	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*
Black	.3	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	98.8	*	*	*	*	*	.1	.5	1.5	4.1
Male	99.6	*	*	*	*	*	.3	.8	2.4	7.0
Female	98.1	*	*	*	*	*	*	.2	.6	1.2
White	107.3	*	*	*	*	*	.1	.5	1.4	3.7
Male	107.7	*	*	*	*	*	*	.7	2.2	6.4
Female	106.8	*	*	*	*	*	*	*	.6	1.0
All other	54.8	*	*	*	*	*	*	.6	2.2	5.9
Male	55.9	*	*	*	*	*	*	*	3.6	9.8
Female	53.8	*	*	*	*	*	*	*	*	2.5
Black	64.1	*	*	*	*	*	*	*	2.5	7.3
Male	64.3	*	*	*	*	*	*	*	3.9	11.9
Female	64.0	*	*	*	*	*	*	*	*	3.3
Other diseases of endocardium (424)	5.2	*	*	*	*	*	.1	.2	.4	.4
Male	4.5	*	*	*	*	*	*	.2	.5	.6
Female	5.9	*	*	*	*	*	*	*	.3	.3
White	5.7	*	*	*	*	*	*	.2	.3	.3
Male	4.9	*	*	*	*	*	*	*	.4	.4
Female	6.5	*	*	*	*	*	*	*	.2	*
All other	2.6	*	*	*	*	*	*	*	.7	.9
Male	2.5	*	*	*	*	*	*	*	*	1.4
Female	2.8	*	*	*	*	*	*	*	*	*
Black	3.0	*	*	*	*	*	*	*	.8	1.2
Male	2.9	*	*	*	*	*	*	*	*	1.8
Female	3.2	*	*	*	*	*	*	*	*	*
All other forms of heart disease (415-423,425-429)	75.8	18.8	1.8	0.6	0.9	1.6	2.2	3.3	5.2	8.4
Male	75.1	20.7	1.8	.7	1.0	2.2	2.6	4.1	6.8	11.6
Female	76.4	16.9	1.8	.5	.8	1.0	1.8	2.4	3.7	5.1
White	76.3	14.7	1.4	.6	.8	1.4	1.7	2.6	3.9	6.4
Male	74.4	16.3	1.4	.7	1.0	1.9	2.1	3.1	5.2	9.0
Female	78.1	13.1	1.4	.5	.6	.9	1.3	2.0	2.6	3.7
All other	72.9	34.4	3.2	.7	1.4	2.5	4.5	6.6	11.9	18.8
Male	78.9	37.4	3.4	*	1.2	3.3	5.0	8.7	15.2	26.4
Female	67.4	31.4	3.1	*	1.6	1.6	4.1	4.7	8.9	12.1
Black	88.0	38.4	3.7	.7	1.5	2.9	5.5	8.0	15.1	23.4
Male	95.1	41.9	4.0	*	*	3.8	5.9	10.4	19.2	32.5
Female	81.7	34.8	3.4	*	1.6	2.1	5.0	5.8	11.5	15.6

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of heart-Con.										
Ischemic heart disease (410-414)	25.5	56.0	103.9	186.5	309.8	490.6	799.0	1,279.0	2,107.6	4,498.1
Male	42.3	90.7	164.4	288.0	464.0	718.1	1,137.8	1,759.9	2,781.0	5,120.7
Female	9.1	22.7	46.8	93.8	175.5	306.0	547.6	969.7	1,749.9	4,257.8
White	24.6	54.3	100.6	182.4	306.1	485.1	800.8	1,291.8	2,140.5	4,609.8
Male	41.6	89.5	161.9	285.0	466.5	721.7	1,149.4	1,792.1	2,856.9	5,280.9
Female	7.8	19.9	41.7	86.8	163.9	291.2	539.6	968.7	1,762.3	4,354.9
All other	30.3	66.5	124.5	214.4	337.7	535.5	783.4	1,158.4	1,765.0	3,314.1
Male	46.9	98.5	180.7	309.9	443.4	685.9	1,025.7	1,447.9	2,025.1	3,625.3
Female	16.0	38.9	76.8	137.8	257.3	424.2	618.3	978.8	1,618.2	3,172.6
Black	37.8	80.9	150.7	249.0	394.4	607.1	865.1	1,249.8	1,869.0	3,439.3
Male	57.4	118.5	218.6	357.6	515.1	777.8	1,139.3	1,576.4	2,179.9	3,786.0
Female	21.1	49.3	95.2	163.0	303.3	483.7	685.0	1,058.3	1,708.0	3,292.4
Acute myocardial infarction (410)	14.8	33.5	62.4	110.4	177.7	273.7	428.5	657.3	1,006.4	1,695.5
Male	24.6	54.3	99.3	170.1	263.4	396.0	599.6	898.3	1,343.6	2,064.8
Female	5.2	13.4	27.6	55.9	103.0	174.5	301.5	502.2	827.4	1,553.0
White	14.4	33.1	61.1	109.0	176.6	271.9	430.6	664.3	1,023.0	1,728.4
Male	24.4	54.3	98.7	169.6	266.8	399.3	607.4	914.9	1,378.9	2,120.2
Female	4.5	12.3	25.0	52.6	96.7	167.3	298.1	502.5	835.1	1,579.6
All other	16.7	36.0	70.5	120.0	185.4	288.8	409.4	590.5	833.8	1,346.8
Male	25.9	54.2	102.9	173.7	236.0	366.5	524.0	737.6	991.5	1,547.9
Female	8.6	20.4	43.0	76.9	146.8	231.2	331.4	499.2	744.8	1,255.4
Black	20.4	43.9	84.6	139.0	216.3	329.0	452.5	637.4	890.1	1,410.0
Male	31.0	65.1	122.8	198.3	274.1	420.1	582.7	805.8	1,086.9	1,661.4
Female	11.3	26.0	53.3	92.1	172.7	263.1	366.9	538.6	788.2	1,303.4
Other acute and subacute forms of ischemic heart disease (411)	.4	1.0	1.6	2.2	3.1	4.0	5.1	7.6	10.2	21.2
Male	.7	1.7	2.6	3.5	4.7	6.4	7.8	10.5	13.9	24.5
Female	*	.3	.7	1.0	1.8	2.0	3.1	5.8	8.2	20.0
White	.4	.9	1.5	2.1	2.8	3.7	4.9	7.2	9.9	20.7
Male	.7	1.6	2.4	3.4	4.2	6.0	7.5	10.1	13.9	23.7
Female	*	*	.6	.9	1.6	1.7	2.8	5.3	7.8	19.5
All other	.9	1.5	2.3	2.8	5.5	6.7	7.6	11.8	13.1	27.3
Male	*	2.6	3.8	4.5	8.4	9.8	10.3	13.8	*	31.9
Female	*	*	*	*	3.3	4.3	5.8	10.5	12.3	25.1
Black	1.1	1.8	3.0	3.2	6.8	7.2	9.1	13.2	12.8	29.2
Male	*	3.3	4.9	5.2	10.3	11.1	12.6	15.7	*	36.2
Female	*	*	*	*	4.2	4.4	6.8	11.8	12.6	26.2
Angina pectoris (413)	*	*	*	.2	.4	1.0	1.7	2.8	4.8	11.9
Male	*	*	*	*	.6	1.5	2.2	2.8	4.9	10.7
Female	*	*	*	*	*	.6	1.3	2.7	4.8	12.4
White	*	*	*	*	.4	1.0	1.6	2.8	4.8	12.4
Male	*	*	*	*	.5	1.4	2.2	3.0	5.0	10.9
Female	*	*	*	*	*	.6	1.2	2.7	4.8	12.9
All other	*	*	*	*	*	*	2.5	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	10.2	21.5	39.8	73.7	128.6	211.9	363.7	611.3	1,086.1	2,769.4
Male	16.8	34.6	62.4	114.1	195.3	314.2	528.2	848.3	1,418.5	3,020.7
Female	3.7	8.9	18.4	36.8	70.4	128.9	241.7	459.0	909.6	2,672.5
White	9.8	20.3	37.9	71.1	126.2	208.6	363.7	617.4	1,102.7	2,848.4
Male	16.4	33.5	60.7	111.8	195.0	314.9	532.3	864.1	1,459.1	3,126.1
Female	3.2	7.3	16.0	33.3	65.3	121.5	237.4	458.1	914.6	2,742.9
All other	12.7	28.9	51.4	91.1	146.1	238.9	363.8	554.1	913.1	1,932.7
Male	19.5	41.7	73.9	130.8	197.9	307.8	488.6	694.7	1,014.2	2,036.8
Female	6.8	17.9	32.3	59.3	106.7	188.0	278.8	466.8	856.1	1,885.4
Black	16.2	35.1	62.8	106.3	170.4	269.5	400.7	596.6	960.2	1,993.0
Male	24.5	49.9	90.7	153.0	229.6	344.4	540.4	752.7	1,073.7	2,080.9
Female	9.0	22.6	40.0	69.2	125.7	215.4	309.0	505.2	901.4	1,955.7
Other diseases of endocardium (424)	.8	1.2	2.1	3.3	5.8	9.5	18.0	33.6	65.4	140.2
Male	1.0	1.6	2.7	4.0	7.5	12.0	21.7	39.3	73.7	142.3
Female	.6	.7	1.5	2.6	4.2	7.5	15.3	29.9	60.9	139.4
White	.6	1.0	1.9	3.1	5.8	9.5	18.3	34.5	67.7	146.2
Male	.8	1.4	2.6	3.9	7.8	12.1	21.9	40.6	76.7	150.2
Female	.5	.6	1.3	2.3	4.0	7.4	15.6	30.5	62.9	144.7
All other	1.7	2.1	3.2	4.6	5.3	9.5	15.3	24.8	41.1	76.4
Male	2.3	3.4	3.6	5.0	5.0	11.1	19.4	25.9	43.7	68.8
Female	*	*	2.8	4.3	5.5	8.4	12.6	24.1	39.7	79.9
Black	2.3	2.6	3.8	5.5	5.5	10.7	16.9	25.4	42.0	74.6
Male	3.1	4.2	4.3	6.3	5.5	11.9	22.5	25.7	44.7	63.4
Female	*	*	3.4	4.8	5.4	9.8	13.2	25.3	40.5	79.3
All other forms of heart disease (415-423,425-429)	14.1	25.7	43.8	72.6	118.7	174.2	268.6	433.0	756.9	1,876.4
Male	20.4	36.9	62.6	102.5	167.1	242.5	364.9	568.4	950.6	1,982.5
Female	8.0	14.9	26.2	45.3	76.6	118.8	197.1	345.9	654.1	1,835.5
White	11.0	21.1	36.8	61.9	105.1	156.9	250.9	410.6	732.3	1,867.6
Male	16.1	30.9	53.7	88.2	150.1	221.7	344.3	545.0	918.6	1,968.2
Female	5.8	11.6	20.5	37.5	65.2	103.7	180.9	323.9	633.9	1,829.4
All other	32.4	54.0	87.8	144.7	221.2	318.0	429.9	643.9	1,013.5	1,970.0
Male	47.4	76.7	121.7	207.1	306.3	425.2	563.1	795.2	1,268.9	2,115.5
Female	19.4	34.4	59.0	94.6	156.4	238.6	339.1	550.0	869.3	1,903.8
Black	41.2	68.6	107.7	175.5	264.0	371.5	490.8	719.1	1,096.8	2,086.4
Male	60.4	98.8	150.7	252.0	364.7	499.4	648.7	909.9	1,413.3	2,292.1
Female	24.8	43.3	72.5	115.0	187.9	279.1	387.2	607.2	933.0	1,999.2

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Major cardiovascular diseases-Con.										
Hypertension with or without renal disease (401,403)	3.7	*	*	*	*	*	*	*	0.2	0.4
Male	3.2	*	*	*	*	*	*	*	.2	.5
Female	4.2	*	*	*	*	*	*	*	*	.2
White	3.3	*	*	*	*	*	*	*	*	.1
Male	2.8	*	*	*	*	*	*	*	*	.2
Female	3.8	*	*	*	*	*	*	*	*	*
All other	5.5	*	*	*	*	*	*	*	.5	1.6
Male	5.1	*	*	*	*	*	*	*	*	2.3
Female	5.9	*	*	*	*	*	*	*	*	*
Black	6.9	*	*	*	*	*	*	*	*	2.0
Male	6.4	*	*	*	*	*	*	*	*	2.8
Female	7.4	*	*	*	*	*	*	*	*	*
Cerebrovascular diseases (430-438)	57.9	3.8	0.3	0.2	0.2	0.4	0.8	1.6	2.8	4.8
Male	46.8	4.4	.3	*	*	.5	.9	1.4	2.8	5.1
Female	68.6	3.1	.3	*	.3	.3	.8	1.7	2.8	4.5
White	59.7	2.8	.3	.2	.2	.4	.7	1.4	2.1	3.5
Male	47.0	3.1	*	*	*	.5	.8	1.3	2.2	3.7
Female	71.8	2.6	.3	*	*	.3	.7	1.5	1.9	3.2
All other	48.9	7.2	*	*	*	*	1.3	2.4	6.3	11.9
Male	45.4	9.4	*	*	*	*	1.3	2.1	5.7	13.0
Female	52.1	4.9	*	*	*	*	1.4	2.6	6.8	11.0
Black	57.1	8.1	*	*	*	*	1.6	2.7	7.6	15.0
Male	53.1	10.2	*	*	*	*	1.5	2.3	7.0	16.3
Female	60.7	*	*	*	*	*	1.6	3.0	8.1	13.8
Intracerebral and other intracranial hemorrhage (431-432)	8.3	1.5	*	*	*	.2	.3	.6	.9	1.7
Male	7.6	1.8	*	*	*	.2	.2	.6	1.0	2.2
Female	8.9	1.2	*	*	*	*	.3	.5	.8	1.3
White	8.0	1.0	*	*	*	.2	.2	.4	.6	1.1
Male	7.1	*	*	*	*	.3	*	.4	.7	1.4
Female	8.9	*	*	*	*	*	*	.4	.5	.9
All other	9.5	3.5	*	*	*	*	.6	1.1	2.2	4.7
Male	10.3	5.1	*	*	*	*	*	1.2	2.7	6.6
Female	8.7	*	*	*	*	*	*	*	1.8	3.1
Black	10.6	4.1	*	*	*	*	*	1.2	2.6	5.9
Male	11.5	*	*	*	*	*	*	*	3.2	8.4
Female	9.7	*	*	*	*	*	*	*	2.1	3.8
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	7.3	*	*	*	*	*	*	*	.1	.3
Male	5.8	*	*	*	*	*	*	*	.2	.3
Female	8.8	*	*	*	*	*	*	*	*	.3
White	7.7	*	*	*	*	*	*	*	.1	.2
Male	6.0	*	*	*	*	*	*	*	*	.3
Female	9.4	*	*	*	*	*	*	*	*	*
All other	5.5	*	*	*	*	*	*	*	*	.7
Male	4.9	*	*	*	*	*	*	*	*	*
Female	5.9	*	*	*	*	*	*	*	*	*
Black	6.5	*	*	*	*	*	*	*	*	1.0
Male	5.9	*	*	*	*	*	*	*	*	*
Female	7.0	*	*	*	*	*	*	*	*	*
Cerebral embolism (434.1)	.3	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*
White	.3	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*
All other	.1	*	*	*	*	*	*	*	*	*
Male	.1	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*
Black	.1	*	*	*	*	*	*	*	*	*
Male	.1	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other and late effects of cerebrovascular diseases (430,433,435-438)	42.1	1.8	.2	*	.2	.2	.5	.9	1.7	2.8
Male	33.1	2.1	*	*	*	.2	.5	.8	1.5	2.6
Female	50.5	1.6	*	*	*	*	.4	1.1	1.9	3.0
White	43.6	1.5	*	*	*	.2	.5	.9	1.3	2.1
Male	33.7	1.7	*	*	*	*	.5	.8	1.3	2.1
Female	53.1	1.3	*	*	*	*	.4	1.0	1.3	2.1
All other	33.8	3.1	*	*	*	*	.6	1.2	3.7	6.4
Male	30.0	*	*	*	*	*	*	*	2.8	5.6
Female	37.3	*	*	*	*	*	*	1.5	4.5	7.2
Black	39.9	3.4	*	*	*	*	.8	1.4	4.6	8.0
Male	35.5	*	*	*	*	*	*	*	3.5	6.8
Female	43.9	*	*	*	*	*	*	1.7	5.5	9.1
Atherosclerosis (440)	7.3	*	*	*	*	*	*	*	*	*
Male	5.7	*	*	*	*	*	*	*	*	*
Female	8.8	*	*	*	*	*	*	*	*	*
White	7.9	*	*	*	*	*	*	*	*	*
Male	6.1	*	*	*	*	*	*	*	*	*
Female	9.7	*	*	*	*	*	*	*	*	*
All other	3.7	*	*	*	*	*	*	*	*	*
Male	3.3	*	*	*	*	*	*	*	*	*
Female	4.2	*	*	*	*	*	*	*	*	*
Black	4.5	*	*	*	*	*	*	*	*	*
Male	3.9	*	*	*	*	*	*	*	*	*
Female	5.1	*	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Major cardiovascular diseases-Con.										
Hypertension with or without renal disease (401,403)	0.6	1.2	2.1	3.5	5.0	8.2	14.6	24.0	39.4	87.3
Male	.8	1.5	2.5	4.1	5.6	9.3	16.1	25.9	41.5	95.8
Female	.4	.9	1.7	3.0	4.4	7.3	13.5	22.7	38.3	84.1
White	.3	.6	1.1	2.3	3.6	6.2	12.2	20.7	35.8	82.8
Male	.3	.8	1.6	3.0	4.3	7.1	13.8	23.0	37.5	90.5
Female	*	.4	.7	1.8	3.0	5.5	10.9	19.1	34.9	79.9
All other	2.4	4.5	8.0	11.4	15.4	24.1	37.2	55.1	77.0	135.5
Male	3.6	5.6	9.0	12.4	16.6	28.3	38.5	53.2	80.9	145.0
Female	1.4	3.6	7.2	10.6	14.6	21.1	36.2	56.3	74.8	131.2
Black	3.2	6.1	10.4	14.3	18.8	28.7	44.4	63.1	88.8	148.7
Male	4.6	7.8	11.7	15.4	19.6	34.4	47.8	61.0	97.6	164.5
Female	2.0	4.7	9.3	13.4	18.2	24.6	42.1	64.3	84.2	142.0
Cerebrovascular diseases (430-438)	8.3	15.0	23.2	36.9	58.8	104.1	195.1	368.3	703.7	1,633.9
Male	8.7	16.1	25.8	42.3	66.6	121.9	226.5	426.8	774.5	1,533.2
Female	7.9	14.0	20.7	32.1	52.1	89.8	171.9	330.8	666.1	1,672.7
White	6.0	11.1	18.4	30.5	50.4	92.9	182.1	355.9	694.1	1,652.5
Male	6.3	11.6	20.1	34.7	56.9	108.7	211.7	412.9	765.2	1,549.8
Female	5.7	10.6	16.9	26.6	44.6	79.9	159.9	319.2	656.6	1,691.4
All other	21.6	39.3	52.8	80.3	122.5	197.7	314.1	485.5	803.4	1,437.1
Male	23.7	46.1	64.0	97.3	146.4	238.0	368.4	560.7	867.0	1,378.4
Female	19.7	33.5	43.2	66.6	104.4	167.9	277.1	438.8	767.6	1,463.7
Black	27.4	48.8	62.8	93.8	140.9	223.0	342.4	523.4	840.5	1,476.9
Male	30.8	59.2	79.6	117.8	168.1	271.7	406.4	615.6	920.2	1,430.5
Female	24.6	40.1	49.0	74.7	120.3	187.8	300.4	469.4	799.2	1,496.5
Intracerebral and other intracranial hemorrhage (431-432)	3.3	5.8	8.3	11.4	15.6	21.8	34.7	53.1	79.3	108.2
Male	3.9	6.8	9.9	13.2	17.6	25.0	38.1	58.3	84.1	107.8
Female	2.7	4.8	6.7	9.8	13.8	19.3	32.2	49.8	76.8	108.4
White	2.0	3.5	6.2	9.1	13.4	19.8	33.1	52.3	78.7	109.4
Male	2.3	4.2	7.3	10.5	15.0	22.3	36.0	57.0	81.6	108.4
Female	1.8	2.9	5.0	7.7	12.0	17.7	31.0	49.2	77.1	109.7
All other	10.5	19.7	21.4	27.3	31.8	38.6	49.3	61.4	86.4	96.0
Male	13.8	24.1	27.2	33.1	38.9	48.7	58.8	70.6	109.2	102.0
Female	7.6	15.8	16.4	22.6	26.5	31.2	42.8	55.7	73.5	93.3
Black	13.6	24.6	24.7	31.1	35.0	41.3	46.1	57.9	80.8	93.0
Male	18.2	30.5	32.8	39.1	42.1	52.1	53.8	63.8	102.7	90.5
Female	9.6	19.5	18.1	24.8	29.6	33.5	41.0	54.5	69.5	94.0
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	.6	1.0	2.0	3.7	6.7	11.9	24.5	46.2	93.1	229.5
Male	.6	1.3	2.3	4.8	8.3	14.1	29.8	53.1	101.3	206.1
Female	.5	.7	1.6	2.6	5.3	10.1	20.5	41.7	88.8	238.6
White	.4	.8	1.4	3.1	5.8	10.8	22.9	44.7	92.8	233.8
Male	.5	1.0	1.7	4.0	7.3	12.8	27.9	51.8	101.2	210.6
Female	.3	.6	1.2	2.3	4.4	9.1	19.1	40.0	88.4	242.6
All other	1.5	2.2	5.3	7.5	13.5	20.8	39.1	60.4	96.6	184.7
Male	*	3.3	6.7	11.1	16.4	25.0	48.2	65.7	101.9	164.6
Female	1.8	*	4.1	4.7	11.3	17.7	32.8	57.1	93.6	193.8
Black	1.9	3.0	6.1	8.8	15.4	23.6	44.2	66.0	105.1	194.5
Male	*	4.3	8.1	13.5	18.4	29.1	56.5	74.4	115.9	170.5
Female	2.3	*	4.5	5.2	13.2	19.6	36.1	61.0	99.5	204.7
Cerebral embolism (434.1)	*	*	*	*	.3	.5	1.1	2.1	3.6	5.8
Male	*	*	*	*	*	.7	1.1	2.4	4.2	5.3
Female	*	*	*	*	*	.4	1.0	1.9	3.2	6.0
White	*	*	*	*	.3	.5	1.1	2.1	3.8	6.0
Male	*	*	*	*	*	.6	1.2	2.4	4.5	5.4
Female	*	*	*	*	*	.5	1.0	2.0	3.4	6.3
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other and late effects of cerebrovascular diseases (430,433,435-438)	4.4	8.2	12.8	21.7	36.2	69.9	134.9	267.0	527.7	1,290.4
Male	4.2	8.0	13.5	24.1	40.3	82.1	157.4	312.9	585.0	1,213.9
Female	4.7	8.4	12.2	19.6	32.7	60.0	118.2	237.4	497.3	1,319.8
White	3.6	6.7	10.7	18.2	30.9	61.7	125.0	256.9	518.8	1,303.3
Male	3.5	6.3	11.0	20.1	34.2	72.9	146.7	301.7	577.9	1,225.4
Female	3.6	7.1	10.5	16.5	27.9	52.6	108.8	227.9	487.6	1,332.8
All other	9.6	17.4	25.9	45.4	76.7	137.7	225.1	362.0	619.6	1,153.3
Male	8.8	18.7	30.1	53.0	90.6	163.3	261.1	421.3	655.1	1,106.9
Female	10.3	16.2	22.4	39.3	66.2	118.8	200.6	325.2	599.6	1,174.5
Black	12.0	21.3	31.8	53.7	89.9	157.6	251.5	397.5	653.9	1,186.3
Male	11.2	24.3	38.7	65.0	106.9	189.7	295.7	473.4	700.6	1,164.9
Female	12.7	18.7	26.1	44.8	77.1	134.5	222.5	353.0	629.7	1,195.3
Atherosclerosis (440)	.1	.4	1.0	1.8	4.6	8.3	17.4	35.3	81.2	318.0
Male	*	.5	1.4	2.5	6.3	10.8	22.8	45.5	94.1	315.5
Female	*	.3	.5	1.1	3.1	6.2	13.4	28.8	74.4	318.9
White	*	.4	.9	1.6	4.3	8.0	17.0	35.3	81.3	326.8
Male	*	.4	1.4	2.4	6.2	10.5	22.5	45.4	95.4	323.1
Female	*	*	.5	.9	2.7	5.9	13.0	28.8	73.9	328.2
All other	*	*	*	2.8	6.3	10.7	20.4	35.4	80.2	224.6
Male	*	*	*	3.5	6.9	12.8	25.7	45.6	81.7	244.5
Female	*	*	*	*	5.9	9.2	16.8	29.1	79.4	215.6
Black	*	*	*	3.7	7.7	12.7	23.4	38.3	89.1	238.5
Male	*	*	*	4.6	8.4	15.3	30.0	48.7	93.5	261.1
Female	*	*	*	*	7.2	10.8	19.0	32.1	86.9	229.0

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Major cardiovascular diseases-Con.										
Other diseases of arteries, arterioles, and capillaries (441-448)	9.9	*	*	*	*	*	0.2	0.4	0.5	0.8
Male	12.0	*	*	*	*	*	.3	.4	.6	1.1
Female	7.9	*	*	*	*	*	*	.3	.5	.5
White	10.7	*	*	*	*	*	.2	.3	.5	.7
Male	13.1	*	*	*	*	*	.3	.4	.5	.9
Female	8.4	*	*	*	*	*	*	*	.5	.4
All other	5.9	*	*	*	*	*	*	.5	.8	1.5
Male	6.4	*	*	*	*	*	*	*	*	2.1
Female	5.4	*	*	*	*	*	*	*	*	*
Black	6.8	*	*	*	*	*	*	*	.9	1.8
Male	7.2	*	*	*	*	*	*	*	*	2.5
Female	6.4	*	*	*	*	*	*	*	*	*
Acute bronchitis and bronchiolitis (466)	.3	1.9	*	*	*	*	*	*	*	*
Male	.2	2.2	*	*	*	*	*	*	*	*
Female	.3	1.6	*	*	*	*	*	*	*	*
White	.3	1.2	*	*	*	*	*	*	*	*
Male	.2	1.3	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*
All other	.2	4.4	*	*	*	*	*	*	*	*
Male	.2	5.5	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*
Black	.2	5.0	*	*	*	*	*	*	*	*
Male	.2	6.2	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*
Pneumonia and influenza (480-487)	32.0	16.1	1.2	0.4	0.3	0.5	.8	1.3	2.2	3.5
Male	30.4	18.1	1.2	.4	.4	.4	.8	1.5	3.0	4.7
Female	33.4	14.0	1.1	.4	.3	.5	.7	1.1	1.4	2.3
White	33.9	12.0	1.0	.4	.3	.4	.6	1.0	1.5	2.5
Male	31.4	13.3	1.0	.4	.3	.4	.6	1.2	2.0	3.3
Female	36.3	10.6	1.0	.4	.3	.4	.5	.8	1.0	1.6
All other	21.8	31.6	1.8	*	*	.6	1.6	2.9	5.8	8.6
Male	25.1	36.4	1.7	*	*	*	1.5	3.4	8.3	12.1
Female	18.7	26.7	1.8	*	*	*	1.7	2.5	3.5	5.5
Black	24.8	36.8	1.7	*	*	*	2.0	3.5	7.2	10.9
Male	28.9	42.2	1.7	*	*	*	1.9	4.2	10.6	15.6
Female	21.2	31.4	1.8	*	*	*	2.1	2.9	4.4	6.9
Pneumonia (480-486)	31.1	15.9	1.1	.4	.3	.5	.8	1.3	2.2	3.4
Male	29.8	17.8	1.1	.4	.3	.4	.8	1.5	3.0	4.6
Female	32.4	13.9	1.0	.4	.3	.5	.7	1.1	1.4	2.2
White	33.0	11.8	.9	.4	.3	.4	.6	1.0	1.5	2.4
Male	30.7	13.0	1.0	.3	.3	.4	.6	1.1	2.0	3.3
Female	35.2	10.4	.9	.4	*	.4	.5	.8	1.0	1.6
All other	21.5	31.6	1.7	*	*	.6	1.6	2.9	5.8	8.5
Male	24.9	36.4	1.7	*	*	*	1.4	3.4	8.3	12.1
Female	18.5	26.7	1.8	*	*	*	1.7	2.4	3.5	5.5
Black	24.5	36.8	1.7	*	*	*	2.0	3.5	7.2	10.9
Male	28.5	42.2	*	*	*	*	1.8	4.2	10.6	15.6
Female	20.9	31.4	*	*	*	*	2.1	2.8	4.4	6.8
Influenza (487)	.8	*	*	*	*	*	*	*	*	*
Male	.7	*	*	*	*	*	*	*	*	*
Female	1.0	*	*	*	*	*	*	*	*	*
White	1.0	*	*	*	*	*	*	*	*	*
Male	.7	*	*	*	*	*	*	*	*	*
Female	1.2	*	*	*	*	*	*	*	*	*
All other	.2	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*
Black	.3	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*
Chronic obstructive pulmonary diseases and allied conditions (490-496)	34.9	1.4	.4	.2	.5	.5	.5	.6	.8	1.1
Male	40.8	1.6	.5	.3	.5	.5	.5	.7	.8	1.2
Female	29.2	1.2	*	*	.4	.4	.5	.6	.7	1.0
White	38.4	1.2	.3	*	.3	.4	.4	.5	.5	.8
Male	44.3	1.3	.3	*	.3	.3	.3	.5	.5	.9
Female	32.8	*	*	*	.3	.4	.4	.4	.5	.7
All other	16.2	*	.8	*	1.2	.9	1.1	1.4	2.0	2.7
Male	21.9	*	*	*	1.6	1.2	1.2	1.6	2.1	2.8
Female	11.1	*	*	*	*	*	*	1.3	1.9	2.5
Black	18.6	*	1.0	*	1.4	1.0	1.4	1.8	2.5	3.4
Male	25.2	*	*	*	2.0	*	1.5	2.0	2.8	3.8
Female	12.6	*	*	*	*	*	*	1.5	2.3	3.0
Bronchitis, chronic and unspecified (490-491)	1.4	1.0	.2	*	*	*	*	*	*	*
Male	1.5	1.1	*	*	*	*	*	*	*	*
Female	1.4	*	*	*	*	*	*	*	*	*
White	1.6	.9	*	*	*	*	*	*	*	*
Male	1.7	*	*	*	*	*	*	*	*	*
Female	1.5	*	*	*	*	*	*	*	*	*
All other	.6	*	*	*	*	*	*	*	*	*
Male	.8	*	*	*	*	*	*	*	*	*
Female	.4	*	*	*	*	*	*	*	*	*
Black	.6	*	*	*	*	*	*	*	*	*
Male	.9	*	*	*	*	*	*	*	*	*
Female	.4	*	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Major cardiovascular diseases-Con.										
Other diseases of arteries, arterioles, and capillaries (441-448)	1.2	2.4	4.0	8.2	16.2	30.9	50.1	73.8	103.6	163.6
Male	1.5	3.2	5.7	12.1	24.7	47.1	78.9	116.3	165.2	235.3
Female	1.0	1.7	2.4	4.7	8.7	17.8	28.8	46.4	70.9	136.0
White	1.0	2.2	3.5	7.9	16.2	31.4	51.1	75.4	105.5	164.8
Male	1.3	2.8	5.2	11.9	25.2	48.4	80.8	119.6	170.1	245.1
Female	.8	1.5	1.9	4.2	8.3	17.5	28.8	46.8	71.3	134.3
All other	2.6	4.1	7.1	10.2	15.6	26.6	41.2	58.5	84.3	150.9
Male	3.2	5.3	8.9	13.7	20.5	35.7	60.4	84.4	116.5	143.7
Female	1.9	3.1	5.7	7.4	11.9	19.9	28.1	42.4	66.2	154.1
Black	3.3	5.0	9.0	11.5	17.5	28.7	44.4	62.0	84.6	156.3
Male	4.4	6.4	11.3	15.4	23.2	38.8	63.2	89.0	116.9	150.9
Female	2.4	3.8	7.1	8.4	13.2	21.4	31.9	46.3	67.9	158.6
Acute bronchitis and bronchiolitis (466)	*	*	*	.2	.3	.4	.6	1.2	2.2	6.6
Male	*	*	*	*	*	.5	.7	1.6	1.9	7.5
Female	*	*	*	*	*	.4	.5	.9	2.3	6.3
White	*	*	*	*	.3	.5	.6	1.2	2.4	7.0
Male	*	*	*	*	*	.5	.7	1.6	2.1	8.3
Female	*	*	*	*	*	*	.5	.9	2.5	6.5
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Pneumonia and influenza (480-487)	4.1	5.7	8.5	13.6	23.5	40.8	82.2	173.9	377.8	1,140.0
Male	5.7	7.3	11.3	17.7	31.6	55.2	113.9	242.0	527.9	1,421.5
Female	2.7	4.2	5.9	9.9	16.4	29.1	58.7	130.0	298.1	1,031.3
White	3.0	4.7	7.1	12.0	21.1	38.1	79.8	172.2	379.6	1,167.5
Male	4.0	5.6	9.0	15.3	28.2	50.8	109.3	238.9	526.5	1,456.9
Female	2.1	3.8	5.1	8.9	14.7	27.6	57.7	129.2	302.1	1,057.5
All other	10.7	12.2	17.6	24.3	41.7	63.1	104.7	189.0	358.5	848.5
Male	16.3	18.6	26.3	34.9	59.0	93.0	158.7	272.5	541.9	1,090.9
Female	5.9	6.7	10.3	15.8	28.6	41.0	68.0	137.2	255.1	738.3
Black	13.9	15.2	21.7	29.1	48.3	71.7	116.6	193.4	359.4	809.4
Male	21.4	23.9	33.0	42.2	69.4	109.2	178.3	283.2	554.1	1,054.8
Female	7.4	7.9	12.4	18.8	32.3	44.5	76.1	140.7	258.5	705.4
Pneumonia (480-486)	4.1	5.7	8.3	13.3	22.9	39.9	80.3	170.0	367.9	1,105.4
Male	5.7	7.2	11.1	17.4	30.8	54.1	111.7	237.2	516.4	1,384.4
Female	2.6	4.1	5.7	9.5	16.1	28.3	56.9	126.7	289.0	997.8
White	3.0	4.6	6.9	11.7	20.5	37.2	77.7	168.2	369.1	1,130.7
Male	4.0	5.5	8.9	14.9	27.4	49.8	107.0	233.9	514.5	1,416.9
Female	2.0	3.7	4.9	8.6	14.3	26.8	55.7	125.7	292.4	1,022.1
All other	10.7	12.1	17.3	24.1	41.1	62.5	103.6	186.6	355.0	837.0
Male	16.2	18.6	25.7	34.9	58.2	92.0	156.8	268.9	536.2	1,081.1
Female	5.9	6.5	10.3	15.4	28.1	40.7	67.4	135.5	252.8	726.0
Black	13.8	15.1	21.4	28.9	47.5	71.0	115.3	190.5	355.2	797.7
Male	21.3	23.9	32.4	42.2	68.4	108.1	175.9	278.7	547.0	1,042.7
Female	7.4	7.8	12.4	18.4	31.8	44.1	75.6	138.8	255.9	693.9
Influenza (487)	*	*	.2	.3	.6	.9	2.0	3.9	9.9	34.6
Male	*	*	*	*	.8	1.0	2.2	4.8	11.4	37.1
Female	*	*	*	.4	.4	.7	1.8	3.3	9.0	33.6
White	*	*	*	.4	.6	.9	2.1	4.1	10.5	36.7
Male	*	*	*	*	.8	1.0	2.3	4.9	12.0	40.0
Female	*	*	*	*	*	.8	1.9	3.5	9.7	35.5
All other	*	*	*	*	*	*	*	*	*	11.5
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	12.3
Black	*	*	*	*	*	*	*	*	*	11.7
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Chronic obstructive pulmonary diseases and allied conditions (490-496)	2.2	5.5	13.5	32.0	65.7	117.5	196.6	292.2	366.1	433.3
Male	2.3	6.0	13.7	37.1	80.3	153.1	271.6	438.2	608.8	815.1
Female	2.1	5.0	13.3	27.2	52.9	88.7	140.9	198.3	237.3	286.0
White	1.8	4.6	13.1	32.0	67.3	121.3	204.2	304.3	379.2	449.4
Male	1.8	5.1	12.9	36.4	81.0	155.5	277.3	449.9	625.2	847.0
Female	1.7	4.2	13.3	27.9	55.2	93.2	149.5	210.2	249.3	298.4
All other	4.7	10.7	15.8	31.6	53.3	86.4	127.2	178.2	230.2	262.6
Male	5.6	11.8	18.9	42.4	74.6	131.5	217.2	325.2	445.6	517.2
Female	3.9	9.7	13.2	23.0	37.1	53.1	65.9	87.0	108.6	146.9
Black	5.9	13.7	19.1	36.1	61.2	95.4	138.5	182.0	235.2	241.7
Male	7.1	15.4	23.0	49.8	86.8	144.7	241.1	343.0	477.9	498.0
Female	4.8	12.4	15.9	25.3	41.9	59.7	71.1	87.6	109.5	133.0
Bronchitis, chronic and unspecified (490-491)	.1	.3	.5	1.2	2.4	3.8	6.5	10.5	16.1	27.0
Male	*	.3	.5	1.5	2.8	4.8	8.9	14.8	25.0	39.7
Female	*	*	.5	1.0	2.1	2.9	4.7	7.8	11.4	22.2
White	.1	.3	.5	1.3	2.6	3.9	6.9	10.8	16.8	28.3
Male	*	.3	.5	1.5	2.9	4.9	9.4	14.7	25.6	42.1
Female	*	*	.6	1.1	2.3	3.1	5.1	8.3	12.1	23.1
All other	*	*	*	*	*	2.3	2.8	7.4	9.0	13.4
Male	*	*	*	*	*	*	*	15.2	18.6	*
Female	*	*	*	*	*	*	*	*	*	11.7
Black	*	*	*	*	*	2.7	3.3	7.2	8.0	9.0
Male	*	*	*	*	*	*	*	15.7	*	*
Female	*	*	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Chronic obstructive pulmonary diseases and allied conditions-Con.										
Emphysema (492)	6.3	*	*	*	*	*	*	*	*	*
Male	7.8	*	*	*	*	*	*	*	*	*
Female	4.9	*	*	*	*	*	*	*	*	*
White	7.1	*	*	*	*	*	*	*	*	*
Male	8.6	*	*	*	*	*	*	*	*	*
Female	5.7	*	*	*	*	*	*	*	*	*
All other	2.2	*	*	*	*	*	*	*	*	*
Male	3.3	*	*	*	*	*	*	*	*	*
Female	1.1	*	*	*	*	*	*	*	*	*
Black	2.5	*	*	*	*	*	*	*	*	*
Male	3.8	*	*	*	*	*	*	*	*	*
Female	1.3	*	*	*	*	*	*	*	*	*
Asthma (493)	1.9	*	0.2	0.2	0.4	0.4	0.4	0.5	0.6	0.8
Male	1.6	*	*	.2	.5	.4	.4	.5	.6	.8
Female	2.3	*	*	*	.4	.4	.4	.5	.6	.8
White	1.8	*	*	*	.3	.3	.3	.4	.4	.5
Male	1.3	*	*	*	*	.3	.3	.3	.4	.5
Female	2.2	*	*	*	.3	.4	.3	.4	.3	.5
All other	2.8	*	*	*	1.0	.8	1.1	1.2	1.8	2.1
Male	2.8	*	*	*	1.5	*	1.2	1.2	1.7	2.1
Female	2.9	*	*	*	*	*	*	1.1	1.8	2.1
Black	3.2	*	*	*	1.3	1.0	1.3	1.4	2.2	2.6
Male	3.2	*	*	*	1.8	*	1.5	1.6	2.2	2.9
Female	3.3	*	*	*	*	*	*	*	2.3	2.4
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	25.2	*	*	*	*	*	*	*	*	.2
Male	29.9	*	*	*	*	*	*	*	*	.3
Female	20.6	*	*	*	*	*	*	*	*	*
White	27.9	*	*	*	*	*	*	*	*	.2
Male	32.7	*	*	*	*	*	*	*	*	.2
Female	23.4	*	*	*	*	*	*	*	*	*
All other	10.7	*	*	*	*	*	*	*	*	*
Male	15.0	*	*	*	*	*	*	*	*	*
Female	6.7	*	*	*	*	*	*	*	*	*
Black	12.2	*	*	*	*	*	*	*	*	*
Male	17.3	*	*	*	*	*	*	*	*	*
Female	7.6	*	*	*	*	*	*	*	*	*
Ulcer of stomach and duodenum (531-533)	2.5	*	*	*	*	*	*	.1	.2	.3
Male	2.5	*	*	*	*	*	*	*	.2	.4
Female	2.5	*	*	*	*	*	*	*	*	*
White	2.6	*	*	*	*	*	*	*	*	.2
Male	2.5	*	*	*	*	*	*	*	*	.3
Female	2.7	*	*	*	*	*	*	*	*	*
All other	1.7	*	*	*	*	*	*	*	*	*
Male	2.0	*	*	*	*	*	*	*	*	*
Female	1.4	*	*	*	*	*	*	*	*	*
Black	1.9	*	*	*	*	*	*	*	*	*
Male	2.3	*	*	*	*	*	*	*	*	*
Female	1.6	*	*	*	*	*	*	*	*	*
Appendicitis (540-543)	.2	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*
White	.2	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*
All other	.2	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*
Black	.2	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.3	2.2	.2	*	*	*	*	*	*	.2
Male	1.8	2.9	*	*	*	*	*	*	*	.2
Female	2.9	1.5	*	*	*	*	*	*	*	.2
White	2.4	1.9	*	*	*	*	*	*	*	.2
Male	1.7	2.5	*	*	*	*	*	*	*	*
Female	3.1	*	*	*	*	*	*	*	*	*
All other	1.9	3.4	*	*	*	*	*	*	*	*
Male	1.8	*	*	*	*	*	*	*	*	*
Female	1.9	*	*	*	*	*	*	*	*	*
Black	2.3	4.1	*	*	*	*	*	*	*	*
Male	2.2	*	*	*	*	*	*	*	*	*
Female	2.4	*	*	*	*	*	*	*	*	*
Chronic liver disease and cirrhosis (571)	10.4	*	*	*	*	*	.2	.9	3.2	7.9
Male	13.7	*	*	*	*	*	*	1.2	4.0	11.5
Female	7.2	*	*	*	*	*	*	.7	2.4	4.4
White	10.3	*	*	*	*	*	.1	.7	2.6	6.6
Male	13.6	*	*	*	*	*	*	1.0	3.4	9.9
Female	7.1	*	*	*	*	*	*	.5	1.7	3.3
All other	10.8	*	*	*	*	*	*	1.7	6.1	14.8
Male	14.3	*	*	*	*	*	*	2.2	6.9	20.5
Female	7.6	*	*	*	*	*	*	1.3	5.5	9.7
Black	12.3	*	*	*	*	*	*	1.8	6.8	17.8
Male	16.6	*	*	*	*	*	*	2.6	8.1	24.9
Female	8.5	*	*	*	*	*	*	*	5.7	11.7

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic obstructive pulmonary diseases and allied conditions-Con.										
Emphysema (492)	0.3	0.9	2.6	6.7	14.2	24.4	40.0	55.1	59.0	55.5
Male	.4	1.1	2.7	8.0	17.8	33.0	56.1	84.7	106.7	115.7
Female	*	.6	2.5	5.5	11.1	17.4	28.0	36.1	33.7	32.3
White	.3	.8	2.8	7.0	14.9	25.5	42.4	58.1	61.6	58.3
Male	.4	1.0	2.7	8.2	18.3	33.8	58.5	88.2	110.4	122.0
Female	*	.6	2.8	5.8	12.0	18.7	30.4	38.7	35.9	34.2
All other	*	1.3	1.8	4.9	8.8	15.2	17.4	26.7	31.8	25.3
Male	*	*	2.8	6.8	13.9	25.9	32.9	50.9	70.4	56.5
Female	*	*	*	3.3	4.8	7.2	6.8	11.6	10.0	11.2
Black	*	1.7	2.2	5.4	10.2	16.9	19.3	26.5	31.9	24.3
Male	*	*	*	7.6	16.7	28.3	36.8	52.6	73.2	58.9
Female	*	*	*	3.6	5.2	8.6	7.8	11.2	10.5	*
Asthma (493)	1.0	1.8	2.2	3.1	3.9	5.5	7.2	9.7	12.4	16.9
Male	.9	1.4	1.7	2.6	3.2	4.7	6.7	9.3	12.3	16.4
Female	1.2	2.2	2.7	3.6	4.5	6.0	7.6	9.9	12.4	17.2
White	.7	1.2	1.7	2.5	3.5	4.9	6.8	9.3	12.1	17.2
Male	.6	.9	1.2	1.8	2.7	4.1	6.2	8.7	11.6	16.1
Female	.9	1.5	2.2	3.0	4.1	5.6	7.2	9.7	12.3	17.7
All other	2.8	5.6	5.4	7.3	7.2	9.9	11.2	13.0	15.8	13.8
Male	2.9	4.7	4.6	7.9	6.9	10.4	11.9	15.6	19.4	*
Female	2.7	6.3	6.0	6.8	7.5	9.5	10.7	11.4	13.7	11.2
Black	3.7	7.2	6.4	7.9	8.3	10.5	11.8	10.8	15.3	12.6
Male	3.9	6.4	5.1	8.5	7.4	11.1	13.4	11.2	*	*
Female	3.5	7.9	7.4	7.4	9.0	10.0	10.6	10.5	13.7	*
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	.7	2.5	8.1	20.9	45.1	83.9	142.9	216.9	278.6	333.8
Male	.9	3.0	8.8	25.1	56.5	110.5	199.9	329.4	464.7	643.3
Female	.5	2.0	7.5	17.1	35.2	62.4	100.6	144.5	179.8	214.4
White	.6	2.4	8.1	21.3	46.4	86.9	148.1	226.0	288.7	345.5
Male	.7	2.8	8.5	24.8	57.1	112.7	203.2	338.3	477.5	666.9
Female	.5	1.9	7.7	17.9	36.8	65.8	106.8	153.5	189.0	223.5
All other	1.4	3.5	8.1	18.6	36.1	59.1	95.9	131.2	173.6	210.0
Male	1.9	4.6	10.6	26.7	51.9	91.7	168.1	243.5	337.3	423.8
Female	*	2.6	6.0	12.2	24.0	34.9	46.7	61.5	81.2	112.8
Black	1.6	4.5	9.9	22.0	41.4	65.4	104.2	137.5	180.0	195.8
Male	2.4	5.7	13.6	32.4	60.5	101.5	185.4	263.6	368.1	412.0
Female	*	3.4	7.0	13.8	26.9	39.3	50.9	63.6	82.7	104.2
Ulcer of stomach and duodenum (531-533)	.4	.8	1.3	2.0	3.4	5.5	10.1	15.8	27.1	58.4
Male	.6	1.0	1.7	2.9	4.4	7.5	13.9	19.8	33.3	66.8
Female	.3	.6	.8	1.2	2.6	3.9	7.2	13.2	23.8	55.1
White	.3	.7	1.1	1.9	3.2	5.3	9.9	16.0	27.7	60.3
Male	.5	.9	1.4	2.6	3.9	7.1	13.7	20.4	33.5	69.8
Female	*	.5	.8	1.1	2.6	3.8	7.0	13.2	24.6	56.7
All other	1.1	1.1	2.2	3.2	5.2	7.6	11.8	13.5	20.7	38.0
Male	*	*	3.8	5.0	8.9	11.1	15.7	14.3	30.7	39.3
Female	*	*	*	*	*	5.0	9.2	13.0	15.1	37.4
Black	1.3	1.5	2.5	3.8	6.2	8.8	13.0	13.0	21.5	33.7
Male	*	*	4.5	6.1	10.3	13.0	17.8	14.0	30.5	36.2
Female	*	*	*	*	*	5.8	9.9	12.5	16.8	32.6
Appendicitis (540-543)	.1	*	*	*	.3	.4	.6	1.1	1.2	2.2
Male	*	*	*	*	.5	.7	.9	1.7	1.8	3.1
Female	*	*	*	*	*	*	.5	.7	.9	1.9
White	*	*	*	*	.3	.3	.6	1.0	1.2	2.2
Male	*	*	*	*	.5	.5	.8	1.6	*	3.4
Female	*	*	*	*	*	*	*	.7	1.0	1.7
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	.3	.4	.7	1.0	2.1	3.5	6.6	14.1	28.6	73.4
Male	.3	.4	.7	1.2	2.1	3.6	7.0	15.9	28.4	66.8
Female	.3	.5	.6	.9	2.2	3.5	6.3	13.0	28.7	75.9
White	.2	.4	.5	1.0	1.9	3.2	6.2	13.6	28.2	74.1
Male	*	*	.5	1.0	1.7	3.3	6.4	14.9	27.8	66.5
Female	*	.4	.5	.9	2.0	3.2	6.0	12.8	28.4	77.1
All other	.8	*	1.7	1.5	4.1	6.1	10.3	18.6	33.0	65.3
Male	*	*	*	*	4.6	6.3	12.5	25.5	34.8	70.0
Female	*	*	*	*	3.7	5.9	8.7	14.4	31.9	63.1
Black	1.1	*	2.0	*	4.9	7.0	11.8	20.9	37.1	71.0
Male	*	*	*	*	5.7	7.2	14.6	29.1	40.7	77.0
Female	*	*	*	*	4.3	6.8	9.9	16.1	35.3	68.4
Chronic liver disease and cirrhosis (571)	11.6	16.2	20.2	27.4	32.3	34.8	34.9	34.7	33.4	23.4
Male	17.4	24.2	29.5	39.2	46.5	48.0	48.1	46.7	47.4	36.3
Female	5.9	8.4	11.3	16.6	19.9	24.1	25.2	26.9	25.9	18.4
White	9.9	13.9	18.4	25.4	31.4	35.1	35.2	35.4	33.8	24.1
Male	15.2	21.1	26.9	36.6	45.2	48.4	48.4	48.0	48.0	37.4
Female	4.6	7.0	10.3	15.0	19.2	24.2	25.4	27.3	26.3	19.0
All other	21.6	29.8	30.9	41.1	38.6	32.1	32.2	27.2	28.3	15.7
Male	31.1	44.9	46.8	58.4	56.9	44.1	45.7	34.4	40.4	25.8
Female	13.4	16.8	17.4	27.1	24.8	23.2	23.0	22.7	21.4	11.2
Black	26.5	35.3	35.4	47.1	42.7	34.1	34.8	26.3	26.4	15.7
Male	38.0	54.3	54.7	69.8	63.1	48.0	51.4	33.0	41.7	*
Female	16.7	19.4	19.6	29.1	27.3	24.0	23.9	22.3	18.4	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Cholelithiasis and other disorders of gallbladder (574-575)	1.2	*	*	*	*	*	*	*	*	0.1
Male	1.1	*	*	*	*	*	*	*	*	*
Female	1.4	*	*	*	*	*	*	*	*	*
White	1.3	*	*	*	*	*	*	*	*	*
Male	1.1	*	*	*	*	*	*	*	*	*
Female	1.5	*	*	*	*	*	*	*	*	*
All other	.7	*	*	*	*	*	*	*	*	*
Male	.6	*	*	*	*	*	*	*	*	*
Female	.8	*	*	*	*	*	*	*	*	*
Black	.8	*	*	*	*	*	*	*	*	*
Male	.7	*	*	*	*	*	*	*	*	*
Female	.9	*	*	*	*	*	*	*	*	*
Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.3	3.8	0.2	*	*	*	0.2	0.4	0.6	1.3
Male	8.3	4.1	*	*	*	*	.3	.4	.8	1.7
Female	8.4	3.6	*	*	*	*	*	.3	.4	.9
White	7.9	2.9	*	*	*	*	.2	.2	.4	.8
Male	7.9	3.1	*	*	*	*	*	.3	.6	1.2
Female	8.0	2.6	*	*	*	*	*	*	.3	.4
All other	10.5	7.5	*	*	*	*	*	1.0	1.6	3.7
Male	10.4	7.7	*	*	*	*	*	1.2	2.4	4.4
Female	10.6	7.2	*	*	*	*	*	*	*	3.0
Black	12.6	8.5	*	*	*	*	*	1.3	2.1	4.8
Male	12.5	8.7	*	*	*	*	*	1.5	3.1	5.8
Female	12.8	8.2	*	*	*	*	*	*	*	3.9
Acute glomerulonephritis and nephrotic syndrome (580-581)	.1	*	*	*	*	*	*	*	*	*
Male	.1	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*
White	.1	*	*	*	*	*	*	*	*	*
Male	.1	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*
All other	.1	*	*	*	*	*	*	*	*	*
Male	.1	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*
Black	.1	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	.6	*	*	*	*	*	*	*	*	.2
Male	.6	*	*	*	*	*	*	*	*	.3
Female	.6	*	*	*	*	*	*	*	*	*
White	.6	*	*	*	*	*	*	*	*	.2
Male	.6	*	*	*	*	*	*	*	*	*
Female	.6	*	*	*	*	*	*	*	*	*
All other	.8	*	*	*	*	*	*	*	*	*
Male	.9	*	*	*	*	*	*	*	*	*
Female	.8	*	*	*	*	*	*	*	*	*
Black	1.0	*	*	*	*	*	*	*	*	*
Male	1.1	*	*	*	*	*	*	*	*	*
Female	.9	*	*	*	*	*	*	*	*	*
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	7.6	3.5	*	*	*	*	.2	.3	.5	1.0
Male	7.5	3.8	*	*	*	*	.2	.3	.7	1.3
Female	7.7	3.3	*	*	*	*	*	.2	.4	.7
White	7.2	2.6	*	*	*	*	*	.2	.4	.6
Male	7.2	2.9	*	*	*	*	*	.2	.5	.9
Female	7.3	2.3	*	*	*	*	*	*	.3	.3
All other	9.5	7.2	*	*	*	*	*	.9	1.3	3.3
Male	9.3	7.5	*	*	*	*	*	*	1.8	3.8
Female	9.7	6.9	*	*	*	*	*	*	*	2.8
Black	11.5	8.3	*	*	*	*	*	1.2	1.6	4.3
Male	11.3	8.4	*	*	*	*	*	*	2.3	5.1
Female	11.7	8.2	*	*	*	*	*	*	*	3.6
Infections of kidney (590)	.5	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.7	*	*	*	*	*	*	*	*	*
White	.5	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.7	*	*	*	*	*	*	*	*	*
All other	.4	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.5	*	*	*	*	*	*	*	*	*
Black	.5	*	*	*	*	*	*	*	*	*
Male	.4	*	*	*	*	*	*	*	*	*
Female	.5	*	*	*	*	*	*	*	*	*
Hyperplasia of prostate (600)	.2	*	*	*	*	*	*	*	*	*
Male	.4	*	*	*	*	*	*	*	*	*
Female	...	...	...	...	...	...	...	...	...	...
White	.2	*	*	*	*	*	*	*	*	*
Male	.4	*	*	*	*	*	*	*	*	*
Female	...	...	...	...	...	...	...	...	...	...
All other	.1	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	...	...	...	...	...	...	...	...	...	...
Black	.2	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	...	...	...	...	...	...	...	...	...	...

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cholelithiasis and other disorders of gallbladder (574-575)	*	0.2	0.4	0.7	1.3	2.6	4.6	7.6	14.4	33.4
Male	*	*	.4	.8	1.3	3.3	5.7	10.3	15.4	36.3
Female	*	*	.4	.5	1.4	2.1	3.7	5.9	13.8	32.3
White	*	*	.4	.6	1.2	2.6	4.5	7.6	14.6	33.9
Male	*	*	*	.8	1.3	3.2	5.6	10.5	15.7	37.5
Female	*	*	*	.5	1.2	2.0	3.7	5.8	14.1	32.6
All other	*	*	*	*	2.1	3.3	4.8	7.5	11.7	28.0
Male	*	*	*	*	*	4.3	6.6	*	*	24.6
Female	*	*	*	*	*	*	*	7.5	11.4	29.6
Black	*	*	*	*	2.1	3.1	5.0	7.0	12.5	25.6
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	7.5	12.1	27.5
Nephritis, nephrotic syndrome, and nephrosis (580-589)	1.6	2.3	3.6	5.8	10.6	17.6	31.9	53.4	95.2	199.1
Male	2.1	2.7	4.1	6.2	11.6	20.5	39.5	71.2	129.8	281.3
Female	1.1	2.0	3.1	5.5	9.7	15.2	26.2	41.9	76.8	167.4
White	1.0	1.5	2.5	4.0	8.3	14.8	27.6	48.5	88.7	191.3
Male	1.3	1.7	3.0	4.5	9.2	17.6	34.9	66.5	122.1	273.9
Female	.8	1.4	2.1	3.5	7.5	12.6	22.1	36.8	71.1	159.9
All other	4.8	7.0	10.2	18.1	27.8	40.0	70.9	99.6	163.1	282.2
Male	6.8	9.0	11.4	18.7	31.2	45.7	83.6	116.2	207.0	350.1
Female	3.0	5.3	9.2	17.7	25.2	35.9	62.2	89.3	138.3	251.3
Black	6.2	8.9	12.5	22.4	32.4	45.4	80.9	109.2	177.6	303.2
Male	8.9	12.1	14.5	23.9	35.2	52.4	97.6	127.0	232.8	383.3
Female	3.8	6.2	10.8	21.2	30.3	40.3	69.9	98.7	149.0	269.2
Acute glomerulonephritis and nephrotic syndrome (580-581)	*	*	*	*	*	.3	.3	.6	1.2	2.4
Male	*	*	*	*	*	*	*	*	*	3.0
Female	*	*	*	*	*	*	*	*	1.1	2.2
White	*	*	*	*	*	.3	.3	.6	1.3	2.5
Male	*	*	*	*	*	*	*	*	*	3.2
Female	*	*	*	*	*	*	*	*	1.1	2.2
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	.2	.2	.4	.5	.8	1.2	2.3	3.9	6.6	12.8
Male	.3	*	.5	.5	1.1	1.5	2.9	5.0	8.5	19.3
Female	*	*	*	.5	.5	1.0	1.9	3.2	5.6	10.3
White	*	.2	.3	.4	.7	1.0	2.1	3.3	6.1	11.9
Male	*	*	*	*	.9	1.1	2.6	4.5	7.7	17.8
Female	*	*	*	*	.4	.9	1.7	2.6	5.3	9.7
All other	*	*	*	1.5	1.6	3.1	4.6	9.4	11.4	21.9
Male	*	*	*	*	*	4.6	*	9.8	16.2	33.2
Female	*	*	*	*	*	*	*	9.1	*	16.8
Black	*	*	*	2.0	*	3.5	5.3	10.1	12.1	23.8
Male	*	*	*	*	*	*	*	*	*	37.7
Female	*	*	*	*	*	*	*	10.5	*	17.9
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	1.4	2.0	3.2	5.2	9.7	16.0	29.3	48.9	87.4	183.9
Male	1.8	2.3	3.5	5.6	10.4	18.7	36.2	65.4	119.9	259.0
Female	1.0	1.7	2.8	4.9	9.1	13.8	24.1	38.3	70.2	154.9
White	.9	1.3	2.2	3.6	7.5	13.6	25.2	44.6	81.3	176.9
Male	1.1	1.4	2.6	4.0	8.2	16.2	31.9	61.2	112.8	253.0
Female	.7	1.2	1.8	3.1	7.0	11.4	20.3	33.8	64.7	148.0
All other	4.1	6.4	9.2	16.4	25.9	36.3	65.9	89.5	151.1	258.4
Male	5.8	8.2	9.7	17.1	28.6	40.4	77.6	105.4	190.9	315.7
Female	2.7	4.8	8.7	15.8	23.8	33.3	58.0	79.6	128.7	232.3
Black	5.3	8.1	11.5	20.2	30.3	41.2	75.1	98.4	164.8	278.0
Male	7.5	11.0	12.6	22.0	32.5	46.6	90.1	117.0	213.5	345.6
Female	3.4	5.6	10.5	18.8	28.5	37.3	65.2	87.6	139.5	249.4
Infections of kidney (590)	*	*	.2	.3	.6	.8	1.5	3.1	6.3	15.4
Male	*	*	*	*	.5	.5	1.5	2.4	5.3	13.9
Female	*	*	*	*	.6	1.0	1.6	3.5	6.9	16.0
White	*	*	.2	.3	.5	.6	1.5	3.0	6.2	15.5
Male	*	*	*	*	.5	*	1.4	2.3	5.0	14.1
Female	*	*	*	*	.5	.9	1.5	3.5	6.8	16.0
All other	*	*	*	*	*	*	*	3.6	8.2	14.6
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	15.6
Black	*	*	*	*	*	*	*	*	8.7	15.3
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	16.0
Hyperplasia of prostate (600)	*	*	*	*	*	*	.5	1.3	2.5	6.6
Male	*	*	*	*	*	*	1.2	3.4	7.3	23.8
Female	...	...	...	...	...	...	...	...	...	...
White	*	*	*	*	*	*	.4	1.3	2.5	6.7
Male	*	*	*	*	*	*	1.0	3.2	7.1	24.2
Female	...	...	...	...	...	...	...	...	...	...
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	...	...	...	...	...	...	...	...	...	...
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	...	...	...	...	...	...	...	...	...	...

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Complications of pregnancy, childbirth, and the puerperium (630-676)	0.1	...	...	...	*	0.2	0.4	0.4	0.4	0.3
Male	...	...	...	...	...	...	...	...	...	...
Female	.3	...	...	...	*	.5	.7	.7	.8	.5
White	.1	...	...	...	*	*	.2	.3	.2	.2
Male	...	...	...	...	...	...	...	...	...	...
Female	.2	...	...	...	*	*	.4	.6	.4	.3
All other	.4	...	...	...	*	.6	1.0	.7	1.3	.8
Male	...	...	...	...	...	...	...	...	...	...
Female	.8	...	...	...	*	1.2	1.9	1.4	2.4	1.4
Black	.5	...	...	...	*	*	1.2	.9	1.6	.8
Male	...	...	...	...	...	...	...	...	...	...
Female	1.0	...	...	...	*	*	2.4	1.7	3.0	1.6
Pregnancy with abortive outcome (630-638)	.0	...	...	...	*	*	*	*	*	*
Male	...	...	...	...	...	...	...	...	...	...
Female	.0	...	...	...	*	*	*	*	*	*
White	.0	...	...	...	*	*	*	*	*	*
Male	...	...	...	...	...	...	...	...	...	...
Female	.0	...	...	...	*	*	*	*	*	*
All other	.1	...	...	...	*	*	*	*	*	*
Male	...	...	...	...	...	...	...	...	...	...
Female	.2	...	...	...	*	*	*	*	*	*
Black	.1	...	...	...	*	*	*	*	*	*
Male	...	...	...	...	...	...	...	...	...	...
Female	.2	...	...	...	*	*	*	*	*	*
Other complications of pregnancy, childbirth, and the puerperium (640-676)	.1	...	...	...	*	.2	.3	.3	.3	.2
Male	...	...	...	...	...	...	...	...	...	...
Female	.2	...	...	...	*	.4	.6	.6	.6	.4
White	.1	...	...	...	*	*	.2	.3	.2	.1
Male	...	...	...	...	...	...	...	...	...	...
Female	.1	...	...	...	*	*	.4	.5	.3	.3
All other	.3	...	...	...	*	*	.8	.6	1.0	.6
Male	...	...	...	...	...	...	...	...	...	...
Female	.6	...	...	...	*	*	1.5	1.1	1.8	1.2
Black	.4	...	...	...	*	*	.9	.8	1.2	*
Male	...	...	...	...	...	...	...	...	...	...
Female	.7	...	...	...	*	*	1.8	1.5	2.2	*
Congenital anomalies (740-759)	5.3	208.8	6.0	1.6	1.1	1.3	1.4	1.1	1.1	1.2
Male	5.8	223.9	6.2	1.7	1.0	1.6	1.6	1.3	1.2	1.5
Female	4.7	192.9	5.8	1.5	1.1	.9	1.2	1.0	.9	.9
White	5.0	205.2	5.8	1.6	1.1	1.2	1.3	1.1	1.1	1.2
Male	5.5	221.0	5.8	1.6	1.1	1.5	1.4	1.3	1.3	1.6
Female	4.5	188.6	5.8	1.5	1.1	.9	1.2	1.0	.9	.9
All other	6.5	222.4	7.0	1.7	1.1	1.4	1.7	1.1	1.1	1.0
Male	7.2	235.1	7.9	1.9	*	1.8	2.4	1.2	*	*
Female	5.7	209.4	6.1	1.5	1.2	*	1.1	*	1.2	*
Black	7.1	239.8	7.6	1.8	1.2	1.6	2.1	1.3	1.2	1.1
Male	8.1	255.2	8.5	2.0	*	2.1	3.0	*	*	*
Female	6.2	223.9	6.8	1.5	*	*	*	*	*	*
Certain conditions originating in the perinatal period (760-779)	7.1	443.0	.9	.1	*	*	*	*	*	*
Male	8.3	492.3	1.2	*	*	*	*	*	*	*
Female	6.0	391.5	.6	*	*	*	*	*	*	*
White	5.0	331.9	.7	*	*	*	*	*	*	*
Male	5.9	372.6	.9	*	*	*	*	*	*	*
Female	4.2	289.0	.5	*	*	*	*	*	*	*
All other	17.9	867.7	1.8	*	*	*	*	*	*	*
Male	21.0	955.3	2.4	*	*	*	*	*	*	*
Female	15.1	777.8	*	*	*	*	*	*	*	*
Black	22.1	1,048.1	2.1	*	*	*	*	*	*	*
Male	26.1	1,156.5	2.7	*	*	*	*	*	*	*
Female	18.6	937.3	*	*	*	*	*	*	*	*
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	1.6	96.8	.2	*	*	*	*	*	*	*
Male	1.9	113.1	*	*	*	*	*	*	*	*
Female	1.2	79.7	*	*	*	*	*	*	*	*
White	1.2	78.5	.2	*	*	*	*	*	*	*
Male	1.5	91.1	*	*	*	*	*	*	*	*
Female	.9	65.2	*	*	*	*	*	*	*	*
All other	3.4	166.6	*	*	*	*	*	*	*	*
Male	4.3	198.0	*	*	*	*	*	*	*	*
Female	2.6	134.4	*	*	*	*	*	*	*	*
Black	4.2	198.5	*	*	*	*	*	*	*	*
Male	5.3	236.6	*	*	*	*	*	*	*	*
Female	3.2	159.6	*	*	*	*	*	*	*	*
Other conditions originating in the perinatal period (760-766,770-779)	5.5	346.3	.7	*	*	*	*	*	*	*
Male	6.4	379.2	.9	*	*	*	*	*	*	*
Female	4.8	311.7	.5	*	*	*	*	*	*	*
White	3.8	253.4	.5	*	*	*	*	*	*	*
Male	4.5	281.5	.6	*	*	*	*	*	*	*
Female	3.2	223.8	*	*	*	*	*	*	*	*
All other	14.5	701.1	1.6	*	*	*	*	*	*	*
Male	16.6	757.3	2.2	*	*	*	*	*	*	*
Female	12.5	643.5	*	*	*	*	*	*	*	*
Black	17.9	849.5	1.9	*	*	*	*	*	*	*
Male	20.8	919.9	2.5	*	*	*	*	*	*	*
Female	15.4	777.6	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Complications of pregnancy, childbirth, and the puerperium (630-676)	0.1	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	.2	*	*	...	...	...	...	...	...	...
White	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
All other	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
Black	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
Pregnancy with abortive outcome (630-638)	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
White	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
All other	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
Black	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
Other complications of pregnancy, childbirth, and the puerperium (640-676)	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
White	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
All other	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
Black	*	*	*	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...
Female	*	*	*	...	...	...	...	...	...	...
Congenital anomalies (740-759)	1.2	1.4	1.5	1.8	2.1	2.7	3.5	4.0	6.0	8.6
Male	1.4	1.4	1.6	1.9	2.2	2.9	3.5	5.1	8.1	12.1
Female	1.1	1.3	1.5	1.8	1.9	2.4	3.5	3.2	4.9	7.2
White	1.2	1.5	1.5	1.9	2.1	2.6	3.5	4.0	6.0	8.7
Male	1.4	1.5	1.6	2.1	2.2	2.7	3.6	5.1	8.2	12.4
Female	1.0	1.4	1.5	1.8	2.0	2.5	3.5	3.3	4.9	7.3
All other	1.4	*	1.5	1.5	*	3.2	3.3	3.6	5.8	*
Male	*	*	*	*	*	4.6	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	1.6	*	*	*	*	3.7	3.4	*	*	*
Male	*	*	*	*	*	5.5	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Certain conditions originating in the perinatal period (760-779)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Other conditions originating in the perinatal period (760-766,770-779)	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Symptoms, signs, and ill-defined conditions (780-799)	9.7	162.4	1.8	0.3	0.4	1.3	2.5	3.5	4.4	5.5
Male	11.2	193.7	1.9	.3	.6	1.8	3.3	4.8	6.1	7.9
Female	8.3	129.6	1.7	.2	.3	.9	1.6	2.1	2.7	3.1
White	8.7	133.1	1.4	.2	.3	1.2	2.1	2.7	3.5	4.1
Male	9.7	163.4	1.6	*	.4	1.6	2.8	3.9	5.0	6.0
Female	7.6	101.1	1.2	*	*	.8	1.4	1.6	2.0	2.1
All other	15.2	274.6	3.4	*	.9	1.8	4.1	6.8	8.8	13.0
Male	18.8	311.1	3.2	*	1.2	2.3	5.9	9.6	12.2	18.6
Female	11.9	237.1	3.7	*	*	1.3	2.3	4.2	5.8	8.2
Black	18.1	315.6	4.0	*	1.1	2.1	4.6	8.0	10.5	16.4
Male	22.3	353.6	3.9	*	*	2.6	6.8	10.7	14.7	23.4
Female	14.3	276.8	4.0	*	*	1.6	2.6	5.4	6.7	10.4
All other diseases (Residual)	69.5	41.9	5.8	2.9	3.0	4.2	5.2	7.2	10.9	15.9
Male	65.2	47.2	6.5	3.3	3.0	5.0	5.9	8.4	13.3	20.6
Female	73.6	36.5	5.1	2.4	3.0	3.4	4.4	5.9	8.5	11.3
White	71.3	36.5	5.3	2.8	2.9	4.2	4.7	5.9	8.5	12.5
Male	65.5	41.8	6.0	3.2	3.1	5.1	5.6	7.0	10.7	16.4
Female	77.0	30.9	4.7	2.4	2.8	3.2	3.9	4.8	6.2	8.5
All other	60.0	62.8	7.8	3.1	3.4	4.5	7.0	13.0	22.9	33.8
Male	63.6	68.0	8.8	3.4	2.9	4.5	7.6	15.4	27.3	44.0
Female	56.7	57.4	6.7	2.8	3.8	4.6	6.5	10.9	19.1	25.0
Black	71.3	72.2	8.7	3.5	3.7	5.3	8.0	15.9	28.6	42.8
Male	75.6	77.5	9.5	4.0	3.2	5.0	8.8	18.8	34.7	55.9
Female	67.4	66.8	7.9	2.9	4.1	5.7	7.3	13.2	23.3	31.5
Accidents and adverse effects (E800-E949)	37.0	23.6	17.3	9.8	11.0	42.3	45.4	38.7	35.2	33.2
Male	51.1	25.2	20.8	12.2	14.8	60.6	70.9	60.3	55.5	52.1
Female	23.6	21.8	13.7	7.3	7.1	23.0	18.8	17.1	15.1	14.6
White	36.9	19.5	15.7	8.9	10.7	45.1	47.0	38.7	34.1	31.7
Male	50.3	20.8	18.9	11.1	14.1	64.0	73.1	60.0	53.5	49.1
Female	24.0	18.1	12.4	6.5	7.0	25.1	19.7	16.9	14.6	14.2
All other	37.6	39.2	23.7	13.6	12.4	30.9	37.9	38.9	40.5	40.8
Male	55.5	42.4	28.4	16.8	17.4	46.7	61.0	61.5	66.1	68.6
Female	21.3	35.9	18.9	10.3	7.3	14.6	15.1	18.0	17.8	16.5
Black	40.7	45.3	25.7	14.6	13.2	29.7	38.5	41.4	45.7	46.2
Male	60.7	46.7	30.2	17.9	18.9	45.8	63.7	66.3	75.7	78.5
Female	22.8	41.8	21.1	11.3	7.5	13.2	14.4	18.9	19.4	18.3
Motor vehicle accidents (E810-E825)	18.8	4.9	6.3	5.4	6.4	33.1	35.0	26.3	20.9	18.2
Male	26.7	5.0	6.9	6.4	7.6	45.5	53.3	39.7	31.7	27.0
Female	11.3	4.9	5.6	4.3	5.1	20.0	16.0	12.7	10.2	9.6
White	19.0	4.7	5.6	5.1	6.5	36.1	36.7	26.6	20.8	17.9
Male	26.7	4.8	6.1	5.9	7.7	49.3	55.5	39.9	31.1	26.2
Female	11.6	4.7	5.2	4.2	5.3	22.2	17.0	12.9	10.3	9.6
All other	17.9	5.7	8.7	6.6	5.8	20.7	27.0	24.9	21.6	19.7
Male	26.8	5.5	10.1	8.6	7.3	29.8	42.9	39.2	34.7	31.3
Female	9.8	5.9	7.4	4.6	4.2	11.3	11.4	11.7	9.9	9.6
Black	18.2	6.3	8.9	6.9	5.9	19.3	26.6	25.5	23.4	21.6
Male	28.1	*	10.1	8.9	7.9	28.7	43.9	40.5	38.4	35.4
Female	9.4	7.0	7.7	4.8	3.8	9.7	10.1	11.9	10.3	9.7
All other accidents and adverse effects (E800-E807,E826-E949)	18.2	18.6	11.1	4.4	4.6	9.2	10.4	12.5	14.3	15.0
Male	24.4	20.3	13.9	5.8	7.1	15.1	17.7	20.5	23.8	25.1
Female	12.3	16.9	8.1	3.0	2.0	3.0	2.9	4.3	4.9	5.0
White	17.9	14.7	10.1	3.8	4.1	8.9	10.3	12.1	13.4	13.8
Male	23.6	16.0	12.8	5.2	6.4	14.7	17.6	20.2	22.4	23.0
Female	12.4	13.5	7.3	2.4	1.7	2.9	2.6	3.9	4.3	4.6
All other	19.7	33.5	14.9	7.0	6.7	10.2	10.8	14.0	18.9	21.1
Male	28.7	36.9	18.3	8.2	10.1	16.8	18.1	22.3	31.4	37.3
Female	11.5	29.9	11.5	5.7	3.2	3.3	3.7	6.3	7.8	6.9
Black	22.5	39.0	16.8	7.8	7.3	10.4	11.9	15.9	22.3	24.6
Male	32.7	43.1	20.1	9.0	11.0	17.1	19.9	25.8	37.2	43.1
Female	13.4	34.8	13.4	6.6	3.6	3.5	4.3	6.9	9.1	8.6
Suicide (E950-E959)	12.4	. . .	. . .	*	1.5	11.1	15.1	15.0	15.4	15.6
Male	20.4	. . .	. . .	*	2.2	18.1	25.7	24.9	24.6	24.5
Female	4.8	. . .	. . .	*	.8	3.7	4.1	4.9	6.3	6.8
White	13.5	. . .	. . .	*	1.6	11.9	15.9	15.5	16.2	16.7
Male	22.0	. . .	. . .	*	2.3	19.3	26.8	25.5	25.7	25.9
Female	5.3	. . .	. . .	*	.9	4.0	4.4	5.2	6.7	7.4
All other	7.0	. . .	. . .	*	1.2	7.9	11.7	12.5	11.1	10.0
Male	11.9	. . .	. . .	*	1.7	13.0	20.6	21.9	19.0	16.7
Female	2.6	. . .	. . .	*	*	2.5	3.0	3.8	4.2	4.1
Black	6.9	. . .	. . .	*	1.1	6.7	10.6	12.8	11.7	10.7
Male	12.0	. . .	. . .	*	1.6	11.5	19.0	22.7	21.0	18.2
Female	2.3	. . .	. . .	*	*	1.9	2.6	3.9	3.5	4.2
Homicide and legal intervention (E960-E978)	10.0	8.4	2.6	.9	2.1	17.0	22.5	19.6	15.9	13.3
Male	16.2	8.8	2.7	.8	2.6	28.0	37.5	31.7	24.9	21.3
Female	4.2	8.0	2.4	1.0	1.5	5.4	7.0	7.4	6.9	5.4
White	5.8	5.8	1.6	.6	1.3	8.2	11.5	10.6	9.0	7.9
Male	9.0	6.4	1.8	.5	1.7	12.5	18.1	16.6	13.6	12.3
Female	2.8	5.1	1.4	.7	.9	3.6	4.5	4.4	4.3	3.4
All other	31.9	18.4	6.3	1.9	5.2	53.0	72.0	62.8	50.3	41.5
Male	54.8	18.1	6.6	1.8	6.5	92.0	126.8	107.5	85.2	71.6
Female	11.1	18.8	6.1	2.0	3.9	12.8	18.1	21.3	19.2	15.1
Black	39.8	22.1	7.4	2.3	6.5	66.1	90.7	80.5	64.3	53.0
Male	69.2	21.4	7.6	2.1	8.1	115.7	162.2	140.0	110.2	92.8
Female	13.5	22.8	7.2	2.5	4.8	15.6	22.1	26.5	24.0	18.7

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Symptoms, signs, and ill-defined conditions (780-799)	5.3	5.0	5.8	6.9	9.2	11.9	17.3	25.7	46.8	125.8
Male	7.7	6.9	7.9	9.8	12.8	16.6	22.6	34.2	59.3	128.4
Female	2.9	3.3	3.9	4.3	6.1	8.1	13.4	20.2	40.2	124.8
White	4.2	4.0	4.8	5.8	8.4	10.8	16.3	23.8	44.0	122.5
Male	5.8	5.2	6.3	8.0	11.4	15.1	21.5	32.0	56.3	125.2
Female	2.6	2.9	3.3	3.7	5.7	7.4	12.4	18.6	37.5	121.5
All other	11.6	11.3	12.5	14.5	15.3	20.6	26.6	43.1	75.9	160.9
Male	19.4	17.7	18.2	22.7	24.2	29.6	33.5	55.8	89.0	158.5
Female	4.8	5.7	7.7	8.0	8.5	14.0	22.0	35.2	68.5	162.0
Black	14.5	14.3	15.2	17.6	17.3	24.5	29.2	47.8	83.9	174.7
Male	24.7	22.5	22.6	28.0	28.0	35.8	37.2	62.1	102.7	176.6
Female	5.8	7.4	9.1	9.3	9.2	16.4	23.9	39.4	74.2	174.0
All other diseases (Residual)	21.1	28.6	41.3	57.7	90.2	135.8	227.9	394.6	715.5	1,610.5
Male	27.2	36.2	50.9	70.6	109.9	168.4	278.1	490.7	859.0	1,735.6
Female	15.1	21.2	32.2	46.0	73.1	109.5	190.6	332.9	639.2	1,562.3
White	16.5	23.6	35.1	51.4	83.4	129.1	221.3	389.4	712.9	1,619.2
Male	21.1	29.1	43.2	62.2	100.6	160.1	269.3	483.7	855.2	1,747.9
Female	11.9	18.1	27.2	41.3	68.1	103.7	185.3	328.4	637.8	1,570.3
All other	47.9	59.5	79.8	100.7	141.9	191.8	288.0	444.6	741.9	1,518.8
Male	65.7	82.6	101.7	131.8	186.5	241.3	363.1	558.0	896.9	1,620.4
Female	32.5	39.4	61.3	75.7	107.9	155.2	236.8	374.2	654.4	1,472.7
Black	60.7	74.0	98.3	118.9	164.5	217.6	323.3	485.0	797.1	1,586.0
Male	83.4	105.1	128.6	157.6	216.7	273.7	407.6	628.4	979.1	1,723.3
Female	41.3	47.9	73.4	88.3	125.2	177.1	268.0	400.9	702.9	1,527.9
Accidents and adverse effects (E800-E949)	29.2	28.7	30.4	31.9	36.6	41.2	53.3	82.9	127.5	257.1
Male	44.8	42.7	45.1	46.5	53.1	57.8	73.7	110.4	175.5	349.8
Female	13.9	15.2	16.5	18.5	22.2	27.8	38.1	65.2	102.0	221.3
White	27.3	26.8	28.6	30.3	34.4	39.0	51.8	81.6	126.5	259.9
Male	41.5	39.5	41.8	43.8	49.2	54.0	71.2	107.0	174.9	353.1
Female	13.2	14.4	16.0	17.7	21.3	26.8	37.4	65.2	101.0	224.5
All other	40.0	40.1	41.1	42.8	53.1	59.6	66.6	94.6	137.4	227.3
Male	65.6	63.6	66.9	66.6	84.8	91.1	98.3	143.4	182.0	319.4
Female	17.8	19.8	19.1	23.7	29.0	36.3	45.0	64.3	112.3	185.4
Black	45.7	45.7	45.3	46.7	59.3	63.2	70.7	98.4	134.9	227.3
Male	76.0	75.4	76.7	74.1	97.1	98.7	108.7	155.0	175.9	312.4
Female	19.6	20.8	19.5	25.0	30.7	37.5	45.7	65.3	113.7	191.2
Motor vehicle accidents (E810-E825)	15.4	15.5	15.8	15.6	16.2	17.2	20.3	27.3	32.0	31.2
Male	22.1	22.1	21.9	21.5	22.0	22.3	26.8	36.5	49.6	64.5
Female	8.9	9.3	10.0	10.3	11.2	13.0	15.5	21.4	22.6	18.3
White	14.9	14.8	15.1	15.0	15.7	16.6	20.3	27.7	31.9	31.8
Male	21.0	20.9	20.4	20.5	20.8	21.3	26.3	36.6	48.9	65.3
Female	8.8	9.0	10.0	9.8	11.1	12.7	15.7	22.0	23.0	19.1
All other	18.4	19.8	19.7	20.1	20.5	22.3	20.7	23.4	32.7	25.0
Male	28.9	30.1	31.4	28.5	32.0	31.1	31.0	35.3	56.6	57.7
Female	9.3	11.0	9.8	13.3	11.7	15.8	13.6	16.1	19.2	*
Black	19.3	21.1	20.3	20.0	22.1	22.3	20.8	21.9	28.1	20.7
Male	31.2	33.8	34.5	29.3	35.9	33.3	33.2	35.3	50.8	48.3
Female	9.1	10.4	8.7	12.6	11.7	14.4	12.7	14.1	16.3	*
All other accidents and adverse effects (E800-E807,E826-E949)	13.8	13.1	14.6	16.3	20.3	24.1	33.0	55.6	95.5	225.9
Male	22.7	20.6	23.2	25.0	31.1	35.5	47.0	73.9	125.9	285.3
Female	5.0	6.0	6.5	8.2	11.0	14.8	22.6	43.8	79.4	202.9
White	12.4	12.0	13.5	15.3	18.7	22.5	31.6	53.9	94.6	228.1
Male	20.5	18.6	21.3	23.2	28.4	32.7	44.8	70.4	126.0	287.8
Female	4.4	5.5	6.0	7.9	10.1	14.1	21.6	43.3	78.1	205.4
All other	21.6	20.3	21.4	22.7	32.6	37.3	45.9	71.2	104.7	202.3
Male	36.7	33.6	35.6	38.1	52.8	60.0	67.3	108.1	125.4	261.7
Female	8.5	8.8	9.3	10.4	17.3	20.6	31.3	48.2	93.1	175.4
Black	26.4	24.6	25.0	26.7	37.1	40.8	49.8	76.5	106.8	206.6
Male	44.8	41.6	42.2	44.8	61.2	65.4	75.5	119.8	125.1	264.1
Female	10.6	10.4	10.8	12.4	19.0	23.0	33.0	51.2	97.4	182.3
Suicide (E950-E959)	14.9	15.0	14.7	16.1	15.9	16.6	19.6	23.9	26.4	22.2
Male	23.2	23.5	22.8	25.0	26.5	28.9	36.6	51.8	63.6	65.9
Female	6.8	6.8	7.0	8.0	6.7	6.5	7.0	6.0	6.7	5.4
White	16.0	16.1	15.8	17.5	17.1	17.7	20.8	25.8	28.3	23.3
Male	24.7	25.1	24.3	26.9	26.2	30.8	38.6	55.6	68.4	70.3
Female	7.4	7.4	7.6	8.7	7.3	6.9	7.4	6.5	7.1	5.4
All other	8.3	7.8	7.6	7.2	6.8	7.0	9.0	6.8	7.0	11.1
Male	13.9	12.9	12.6	11.3	12.5	12.0	17.5	15.2	*	24.6
Female	3.5	3.4	3.3	3.9	*	3.4	*	*	*	*
Black	9.1	9.1	7.7	6.4	6.0	6.7	8.6	5.6	*	*
Male	15.3	15.5	14.0	10.7	11.0	11.6	19.0	14.0	*	*
Female	3.7	3.6	*	*	*	*	*	*	*	*
Homicide and legal intervention (E960-E978)	10.1	8.3	6.7	5.3	4.7	3.8	3.7	4.1	4.6	4.6
Male	16.4	13.2	10.9	8.3	7.8	6.0	5.5	5.7	5.8	6.8
Female	4.0	3.5	2.7	2.5	2.0	2.1	2.4	3.1	4.0	3.8
White	6.7	5.9	4.9	3.8	3.4	2.8	2.9	3.0	3.4	3.2
Male	10.5	8.9	7.6	5.7	5.3	4.3	3.9	3.8	4.1	4.9
Female	3.0	2.9	2.3	1.9	1.8	1.5	2.1	2.6	3.1	2.5
All other	29.9	22.9	18.0	15.4	14.6	12.5	11.4	14.0	16.9	19.6
Male	53.4	41.4	32.8	26.8	28.8	20.9	20.7	24.1	22.6	24.6
Female	9.5	7.0	5.5	6.2	3.8	6.3	5.1	7.8	13.7	17.3
Black	38.2	28.6	22.0	18.3	17.8	14.5	13.2	16.5	19.8	21.6
Male	69.0	52.9	41.3	32.8	35.4	24.4	24.1	29.7	28.5	*
Female	11.7	8.2	6.2	6.7	4.5	7.4	6.0	8.9	15.3	19.2

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	1-4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
All other external causes (E980-E999)	1.0	1.3	0.2	*	0.2	0.7	1.0	1.3	1.7	1.6
Male	1.4	1.5	.3	*	.3	1.1	1.5	2.1	2.6	2.5
Female	.5	1.2	*	*	*	.3	.4	.6	.8	.8
White	.9	.7	*	*	.2	.6	.9	1.2	1.5	1.5
Male	1.3	*	*	*	.3	1.0	1.4	1.9	2.4	2.3
Female	.5	*	*	*	*	.3	.4	.5	.7	.7
All other	1.4	3.8	*	*	*	.9	1.3	2.0	2.3	2.3
Male	2.2	*	*	*	*	1.4	2.3	2.8	3.6	3.7
Female	.7	*	*	*	*	*	*	1.2	1.2	*
Black	1.6	4.5	*	*	*	.7	1.5	2.2	2.9	2.8
Male	2.5	*	*	*	*	*	2.6	2.9	4.5	4.7
Female	.8	*	*	*	*	*	*	1.4	1.5	*

Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other external causes (E980-E999)	1.4	1.1	0.9	0.8	0.8	0.7	0.7	0.8	0.9	1.5
Male	2.2	1.6	1.1	1.1	1.3	1.1	1.0	1.3	1.5	*
Female	.7	.7	.8	.5	.5	.4	.4	*	*	1.3
White	1.3	1.0	.9	.7	.8	.7	.6	.8	.8	1.3
Male	1.9	1.4	1.0	.9	1.2	1.0	.9	1.3	*	*
Female	.8	.7	.8	.5	.4	.4	*	*	*	1.0
All other	2.2	1.9	*	1.8	*	*	*	*	*	*
Male	4.1	2.8	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	2.8	2.3	*	*	*	*	*	*	*	*
Male	5.3	3.4	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*

[1] Figures for age not stated included in "Total" but not distributed among age groups.

[2] Death rates under 1 year (based on population counts or estimates) differ from infant mortality rates (based on live births); see Technical Appendix.

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990

(Page 1 of 13)

[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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 causes	863.8	971.9	46.8	24.0	99.2	139.2	223.2	473.4	1,196.9	2,648.6	6,007.2	15,327.4
Male	918.4	1,082.8	52.4	28.5	147.4	204.3	310.4	610.3	1,553.4	3,491.5	7,888.6	18,056.6
Female	812.0	855.7	41.0	19.3	49.0	74.2	137.9	342.7	878.8	1,991.2	4,883.1	14,274.3
White	888.0	795.7	41.1	22.3	89.7	119.3	192.8	427.2	1,129.6	2,573.1	5,963.2	15,465.0
Male	930.9	896.1	45.9	26.4	131.3	176.1	269.2	548.7	1,467.2	3,397.7	7,844.9	18,268.3
Female	846.9	690.0	36.1	17.9	45.9	61.5	117.4	309.3	822.7	1,923.5	4,839.1	14,400.6
All other	737.9	1,645.0	69.3	31.3	139.9	236.4	389.8	758.9	1,676.1	3,301.0	6,438.7	13,868.8
Male	851.5	1,805.1	78.5	37.3	217.4	350.0	558.5	1,017.6	2,218.9	4,349.1	8,315.9	16,080.9
Female	634.2	1,480.7	59.9	25.1	61.7	133.1	243.0	537.4	1,251.5	2,552.3	5,313.8	12,663.1
Black	871.0	1,925.9	76.8	34.4	159.9	287.5	484.1	921.4	1,961.2	3,718.0	6,923.5	14,394.6
Male	1,008.0	2,112.4	85.8	41.2	252.2	430.8	699.6	1,261.0	2,618.4	4,946.1	9,129.5	16,954.9
Female	747.9	1,735.5	67.6	27.5	68.7	159.5	298.6	639.4	1,452.6	2,865.7	5,688.3	13,309.5
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	.2	2.5	*	*	*	*	*	*	.1	.3	.9	3.3
Male	.1	2.5	*	*	*	*	*	*	*	.3	.9	4.0
Female	.2	2.5	*	*	*	*	*	*	*	.3	1.0	3.1
White	.2	1.7	*	*	*	*	*	*	*	.3	1.0	3.5
Male	.1	1.7	*	*	*	*	*	*	*	*	.8	4.2
Female	.2	1.7	*	*	*	*	*	*	*	.3	1.1	3.2
All other	.2	5.4	*	*	*	*	*	*	*	*	*	*
Male	.2	5.3	*	*	*	*	*	*	*	*	*	*
Female	.2	5.4	*	*	*	*	*	*	*	*	*	*
Black	.2	6.4	*	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*	*	*
Female	.2	7.0	*	*	*	*	*	*	*	*	*	*
Tuberculosis (010-018)	.7	*	*	*	.1	.3	.5	.8	1.3	2.1	4.1	6.9
Male	.9	*	*	*	*	.4	.7	1.1	1.8	3.0	6.6	12.6
Female	.5	*	*	*	*	.3	.2	.4	.8	1.4	2.5	4.7
White	.5	*	*	*	*	.1	.2	.4	.8	1.6	3.1	5.5
Male	.6	*	*	*	*	.1	.3	.6	1.1	2.2	4.7	9.5
Female	.4	*	*	*	*	*	*	.2	.5	1.1	2.1	3.9
All other	1.9	*	*	*	*	1.4	2.0	3.0	4.8	6.8	13.7	22.3
Male	2.7	*	*	*	*	1.7	3.3	4.7	7.4	10.5	25.0	41.8
Female	1.2	*	*	*	*	1.1	.8	1.5	2.7	4.2	6.9	13.4
Black	2.2	*	*	*	*	1.7	2.5	3.5	5.2	6.7	13.2	21.6
Male	3.1	*	*	*	*	2.2	4.4	5.6	8.5	9.9	24.9	42.3
Female	1.4	*	*	*	*	1.3	.9	1.8	2.6	4.5	6.7	12.8
Tuberculosis of respiratory system (010-012)	.6	*	*	*	*	.2	.3	.5	.9	1.7	3.3	5.8
Male	.7	*	*	*	*	.3	.6	.8	1.4	2.5	5.7	10.9
Female	.4	*	*	*	*	.1	.2	.2	.5	1.1	2.0	3.8
White	.4	*	*	*	*	.1	.1	.3	.6	1.3	2.6	4.7
Male	.5	*	*	*	*	.1	.2	.4	.9	1.9	4.1	8.6
Female	.3	*	*	*	*	*	*	*	.3	.8	1.7	3.2
All other	1.4	*	*	*	*	1.0	1.5	2.0	3.3	5.5	10.9	17.3
Male	2.0	*	*	*	*	1.2	2.5	3.2	5.3	8.1	20.7	33.2
Female	.8	*	*	*	*	.7	*	*	1.6	3.6	5.0	*
Black	1.6	*	*	*	*	1.2	1.9	2.4	3.6	5.5	10.5	17.1
Male	2.4	*	*	*	*	1.6	3.4	3.8	6.4	7.8	20.9	34.7
Female	.9	*	*	*	*	.8	*	*	*	3.8	4.6	*
Other tuberculosis (013-018)	.2	*	*	*	*	.1	.1	.2	.4	.4	.7	1.2
Male	.2	*	*	*	*	.1	.2	.3	.5	.5	1.0	*
Female	.2	*	*	*	*	.1	*	*	.3	.3	.6	1.0
White	.1	*	*	*	*	*	*	.1	.2	.3	.5	.8
Male	.1	*	*	*	*	*	*	*	.2	.3	.6	*
Female	.1	*	*	*	*	*	*	*	*	.3	.4	*
All other	.5	*	*	*	*	.5	.5	1.1	1.5	1.4	2.8	*
Male	.7	*	*	*	*	*	.8	1.5	2.1	*	*	*
Female	.4	*	*	*	*	*	*	*	*	*	*	*
Black	.6	*	*	*	*	.6	.6	1.2	1.6	*	2.7	*
Male	.7	*	*	*	*	*	1.0	1.8	*	*	*	*
Female	.4	*	*	*	*	*	*	*	*	*	*	*
Whooping cough (033)	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	0.1	1.3	0.3	*	0.1	*	*	*	*	*	*	*
Male	.1	1.3	*	*	*	*	*	*	*	*	*	*
Female	.1	1.2	.3	*	*	*	*	*	*	*	*	*
White	.1	1.2	.2	*	.1	*	*	*	*	*	*	*
Male	.1	1.2	*	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*	*	*
All other	.1	*	*	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Black	.1	*	*	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Septicemia (038)	7.7	6.8	.7	0.1	.2	0.7	1.5	3.1	8.0	20.9	60.2	183.7
Male	7.0	7.4	.8	.2	.2	.9	2.0	3.6	9.3	25.8	71.1	195.1
Female	8.3	6.1	.5	*	.2	.5	1.0	2.5	6.8	17.2	53.7	179.3
White	7.4	5.0	.6	.1	.2	.5	1.0	2.3	6.7	18.5	55.7	175.6
Male	6.6	5.5	.7	*	.2	.6	1.3	2.6	7.8	23.0	65.9	188.3
Female	8.1	4.4	.5	*	.2	.4	.7	2.0	5.6	14.9	49.6	170.8
All other	9.3	13.6	.8	*	.4	1.5	4.2	7.9	17.5	41.9	104.0	269.9
Male	9.2	14.5	*	*	*	2.1	5.6	10.3	20.9	50.8	121.2	258.0
Female	9.4	12.6	*	*	*	1.0	2.9	5.8	14.7	35.5	93.6	275.3
Black	11.4	15.7	.9	*	.5	1.9	5.4	9.8	20.8	49.5	117.3	292.0
Male	11.3	17.1	*	*	*	2.6	7.3	13.0	24.9	60.5	140.4	288.2
Female	11.5	14.3	*	*	*	1.3	3.8	7.1	17.6	41.8	104.3	293.5
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
White	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
All other	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Measles (055)	.0	*	.2	*	*	*	*	*	*	*	*	*
Male	.0	*	*	*	*	*	*	*	*	*	*	*
Female	.0	*	*	*	*	*	*	*	*	*	*	*
White	.0	*	*	*	*	*	*	*	*	*	*	*
Male	.0	*	*	*	*	*	*	*	*	*	*	*
Female	.0	*	*	*	*	*	*	*	*	*	*	*
All other	.1	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)	.6	*	*	*	.1	.3	.6	.8	1.2	2.2	2.9	2.2
Male	.8	*	*	*	*	.4	.9	1.2	1.4	2.6	3.7	2.4
Female	.5	*	*	*	.1	.1	.3	.4	.9	1.9	2.5	2.1
White	.6	*	*	*	.1	.2	.5	.6	1.1	2.1	2.9	2.1
Male	.7	*	*	*	*	.3	.9	1.0	1.4	2.5	3.7	*
Female	.5	*	*	*	*	*	.2	.3	.8	1.8	2.4	1.9
All other	.8	*	*	*	*	.5	1.0	1.5	1.8	3.2	3.0	*
Male	.9	*	*	*	*	.7	1.3	2.4	2.1	3.5	*	*
Female	.7	*	*	*	*	*	.7	*	1.6	2.9	*	*
Black	.7	*	*	*	*	.6	1.0	1.2	1.0	2.6	*	*
Male	.7	*	*	*	*	.8	1.3	*	*	*	*	*
Female	.7	*	*	*	*	*	*	*	*	2.4	*	*
Syphilis (090-097)	.0	.6	*	*	*	*	*	*	*	*	.2	*
Male	.1	*	*	*	*	*	*	*	*	*	*	*
Female	.0	*	*	*	*	*	*	*	*	*	*	*
White	.0	*	*	*	*	*	*	*	*	*	*	*
Male	.0	*	*	*	*	*	*	*	*	*	*	*
Female	.0	*	*	*	*	*	*	*	*	*	*	*
All other	.2	2.7	*	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*	*	*
Black	.2	3.4	*	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*	*	*

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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 other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044, 046-054,056-066,071-088,098-139)	13.0	9.4	1.5	0.5	2.0	21.1	29.7	17.9	10.6	9.7	13.3	21.7
Male	21.7	10.1	1.5	.5	2.8	36.5	53.4	32.5	17.1	13.2	17.7	27.5
Female	4.6	8.7	1.5	.6	1.1	5.8	6.5	4.0	4.8	7.0	10.7	19.5
White	10.9	6.4	1.0	.4	1.5	16.8	24.0	15.2	9.0	9.0	12.9	21.3
Male	18.7	7.5	.9	.4	2.2	30.3	45.0	28.4	14.6	12.1	17.3	26.6
Female	3.3	5.3	1.0	.4	.7	3.0	3.0	2.4	3.9	6.6	10.3	19.3
All other	23.9	20.8	3.7	1.2	4.1	42.2	60.6	34.7	21.9	15.8	17.4	26.1
Male	37.5	20.0	3.7	1.2	5.4	68.3	102.3	59.8	35.9	23.3	21.3	35.6
Female	11.4	21.5	3.6	1.3	2.8	18.4	24.4	13.2	10.9	10.4	15.0	21.8
Black	30.2	24.9	4.4	1.4	5.2	55.0	80.4	44.7	26.6	17.3	18.4	24.3
Male	47.8	23.6	4.6	1.3	6.9	89.8	136.2	77.9	44.1	24.8	23.8	*
Female	14.4	26.3	4.3	1.5	3.5	23.9	32.3	17.2	13.0	12.1	15.4	22.4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	203.2	2.3	3.5	3.1	4.9	12.6	43.3	158.9	449.6	872.3	1,348.5	1,752.9
Male	221.3	2.4	3.7	3.5	5.7	12.6	38.5	162.5	532.9	1,122.2	1,914.4	2,739.9
Female	186.0	2.2	3.2	2.8	4.1	12.6	48.1	155.5	375.2	677.4	1,010.3	1,372.1
White	211.6	2.2	3.5	3.2	4.9	12.1	41.0	150.4	435.0	858.2	1,337.7	1,741.9
Male	227.7	2.2	3.7	3.5	5.7	12.3	35.8	149.9	508.2	1,090.7	1,883.2	2,715.1
Female	196.1	2.2	3.2	2.9	4.0	11.9	46.2	150.9	368.5	675.1	1,011.8	1,372.3
All other	159.3	2.6	3.4	2.8	5.0	14.9	56.1	211.6	553.1	994.1	1,454.5	1,870.1
Male	186.8	*	3.6	3.3	5.6	13.9	54.2	245.9	723.6	1,410.9	2,219.7	2,971.7
Female	134.2	*	3.1	2.4	4.3	15.9	57.7	182.2	419.8	696.3	996.1	1,369.4
Black	187.2	*	3.5	2.9	5.4	17.2	65.9	251.9	646.8	1,117.6	1,569.0	1,969.2
Male	221.9	*	3.6	3.4	6.1	15.7	64.3	302.6	859.2	1,613.9	2,478.3	3,238.3
Female	156.1	*	3.4	2.4	4.8	18.7	67.4	209.9	482.4	773.2	1,059.9	1,431.3
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.4	*	*	*	.1	.2	.8	3.7	10.1	14.1	17.0	23.1
Male	4.6	*	*	*	*	.2	1.3	5.9	16.2	21.5	26.1	37.4
Female	2.2	*	*	*	*	*	.3	1.6	4.7	8.3	11.6	17.5
White	3.3	*	*	*	*	.1	.6	2.9	9.0	13.5	17.1	23.5
Male	4.4	*	*	*	*	.2	.9	4.5	14.1	20.2	25.7	36.3
Female	2.3	*	*	*	*	*	.3	1.3	4.3	8.2	12.1	17.9
All other	3.7	*	*	*	*	.3	2.2	8.9	18.1	19.1	15.6	18.4
Male	5.9	*	*	*	*	*	3.8	15.2	31.9	33.1	30.2	29.5
Female	1.8	*	*	*	*	*	.7	3.5	7.3	9.2	6.9	13.4
Black	4.3	*	*	*	*	*	2.5	10.7	21.3	21.0	15.7	18.0
Male	6.9	*	*	*	*	*	4.5	19.0	38.1	36.7	32.8	30.2
Female	1.9	*	*	*	*	*	*	3.9	8.3	10.1	6.1	12.8
Malignant neoplasms of digestive organs and peritoneum (150-159)	48.6	*	.2	*	.3	1.5	7.2	31.6	95.1	203.1	358.6	553.8
Male	52.7	*	*	*	.3	1.6	8.9	40.4	124.0	267.4	468.0	699.5
Female	44.6	*	*	*	.3	1.3	5.5	23.3	69.3	153.0	293.3	497.6
White	49.6	*	*	*	.2	1.3	6.3	28.1	88.7	195.0	350.3	547.5
Male	53.4	*	*	*	.3	1.4	7.8	35.3	115.4	256.8	456.1	690.6
Female	46.0	*	*	*	.2	1.1	4.9	21.1	64.5	146.2	287.1	493.2
All other	43.1	*	*	*	.5	2.4	11.9	53.5	140.1	273.4	440.2	620.0
Male	49.2	*	*	*	.6	2.8	15.5	73.9	190.0	363.6	584.5	782.5
Female	37.4	*	*	*	*	1.9	8.8	36.0	101.1	209.0	353.7	546.2
Black	49.0	*	*	*	.6	2.5	13.1	60.8	156.8	297.0	463.6	645.9
Male	55.5	*	*	*	*	2.8	17.2	85.4	212.6	395.5	623.7	813.3
Female	43.2	*	*	*	*	2.2	9.5	40.3	113.5	228.7	373.9	574.9
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	58.9	*	*	*	.1	.8	7.2	48.8	166.5	298.1	344.1	252.9
Male	78.3	*	*	*	.2	1.0	9.1	63.0	232.6	447.3	594.4	538.0
Female	40.4	*	*	*	*	.6	5.4	35.3	107.6	181.7	194.5	142.8
White	61.8	*	*	*	.1	.7	6.6	46.3	162.5	296.8	346.6	252.5
Male	81.0	*	*	*	*	.9	8.0	57.9	222.5	438.2	593.6	540.4
Female	43.4	*	*	*	*	.6	5.2	35.2	108.0	185.3	199.0	143.2
All other	43.6	*	*	*	*	1.2	10.7	64.3	195.1	309.4	319.8	256.5
Male	64.1	*	*	*	*	1.7	15.5	97.0	310.2	530.0	602.0	516.0
Female	25.0	*	*	*	*	.7	6.5	36.2	105.0	151.8	150.7	138.5
Black	52.2	*	*	*	*	1.4	13.5	80.4	233.9	351.6	339.1	256.5
Male	77.8	*	*	*	*	2.1	20.0	125.0	377.5	613.4	669.9	535.7
Female	29.2	*	*	*	*	.8	7.9	43.4	122.8	169.9	153.8	138.1
Malignant neoplasm of breast (174-175)	17.6	*	*	*	*	1.5	9.0	23.4	41.8	63.2	92.2	142.6
Male	.2	*	*	*	*	*	*	.3	.6	1.1	1.6	2.4
Female	34.0	*	*	*	*	2.9	17.8	45.4	78.6	111.7	146.3	196.8
White	18.5	*	*	*	*	1.3	8.6	22.6	41.4	63.8	93.4	144.2
Male	.2	*	*	*	*	*	*	.2	.6	1.0	1.6	*
Female	35.9	*	*	*	*	2.6	17.1	44.3	78.5	113.3	148.2	198.0
All other	12.9	*	*	*	*	2.2	11.4	28.3	45.2	58.3	80.1	126.7
Male	.2	*	*	*	*	*	*	*	*	*	*	*
Female	24.4	*	*	*	*	4.1	21.3	52.0	79.7	98.6	127.3	183.2
Black	15.4	*	*	*	*	2.8	13.9	33.3	53.1	67.2	90.7	142.4
Male	.3	*	*	*	*	*	*	*	*	*	*	*
Female	29.0	*	*	*	*	5.3	25.8	60.5	93.1	112.2	140.5	201.5
Malignant neoplasms of genital organs (179-187)	23.1	*	*	*	.3	1.4	4.0	11.3	34.3	94.0	193.8	292.2
Male	27.2	*	*	*	.3	.6	.6	2.9	27.9	123.5	358.5	750.0
Female	19.3	*	*	*	.3	2.1	7.3	19.4	40.1	71.0	95.3	115.6
White	23.3	*	*	*	.3	1.3	3.9	10.9	32.0	88.4	183.0	277.5
Male	26.8	*	*	*	.3	.7	.7	2.7	24.4	112.4	332.7	709.2
Female	19.9	*	*	*	.3	2.0	7.0	18.9	38.9	69.5	93.6	113.6
All other	22.1	*	*	*	*	1.6	4.9	14.1	50.9	142.8	299.5	448.4
Male	28.9	*	*	*	*	*	*	4.3	54.5	225.7	611.5	1,130.2
Female	15.9	*	*	*	*	2.8	8.9	22.5	48.2	83.6	112.4	138.5
Black	26.9	*	*	*	*	1.8	5.7	16.1	60.4	166.6	338.7	493.6
Male	36.2	*	*	*	*	*	*	5.3	68.3	273.5	721.9	1,308.3
Female	18.5	*	*	*	*	3.2	10.2	25.1	54.3	92.4	124.1	148.4

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-Con.												
Malignant neoplasms of urinary organs (188-189)	8.3	*	0.1	0.1	0.1	0.3	1.0	5.0	15.7	33.3	64.3	101.3
Male	10.9	*	*	*	*	.3	1.5	7.2	23.5	50.7	107.5	186.3
Female	5.9	*	*	*	*	.2	.6	2.9	8.8	19.8	36.5	68.5
White	9.0	*	*	.1	*	.2	1.0	5.0	15.8	33.7	65.4	103.7
Male	11.8	*	*	*	*	.2	1.5	7.2	23.7	51.4	110.4	194.9
Female	6.2	*	*	*	*	.2	.6	2.7	8.6	19.7	38.6	69.0
All other	4.9	*	*	*	*	.6	1.2	5.2	15.0	30.5	52.8	76.0
Male	5.9	*	*	*	*	.6	1.5	7.0	21.3	44.8	79.1	105.6
Female	4.0	*	*	*	*	.5	1.0	3.7	10.0	20.3	37.1	62.5
Black	5.9	*	*	*	*	.7	1.5	6.3	18.0	34.7	59.0	76.8
Male	7.1	*	*	*	*	.8	1.8	8.8	25.8	51.0	90.6	110.2
Female	4.8	*	*	*	*	.7	1.2	4.2	12.0	23.3	41.2	62.7
Malignant neoplasms of all other and unspecified sites (170-179,190-199)	24.2	1.3	1.9	1.6	1.8	3.6	8.4	21.8	52.7	93.1	143.7	203.7
Male	26.3	1.3	2.0	1.6	2.1	4.3	10.0	26.3	66.3	118.1	181.9	269.8
Female	22.2	1.3	1.7	1.6	1.5	2.9	6.9	17.5	40.7	73.6	120.9	178.2
White	25.7	1.2	1.9	1.6	1.9	3.7	8.7	21.6	52.6	93.2	144.5	205.6
Male	27.8	*	2.0	1.6	2.2	4.4	10.2	25.7	65.7	117.7	183.4	276.6
Female	23.7	*	1.8	1.7	1.5	3.0	7.1	17.6	40.6	73.9	121.3	178.6
All other	16.5	*	1.9	1.4	1.7	3.2	7.2	23.0	54.1	92.0	135.4	183.9
Male	18.5	*	2.3	1.5	2.1	3.5	9.0	30.0	71.1	121.7	166.6	206.4
Female	14.7	*	1.6	1.3	1.3	2.8	5.7	17.0	40.7	70.8	116.7	173.7
Black	19.2	*	2.2	1.5	1.9	3.6	8.4	27.1	63.3	103.6	143.8	189.1
Male	21.7	*	2.4	1.6	2.2	4.1	10.7	36.3	84.3	140.5	179.4	223.3
Female	17.0	*	1.9	1.5	1.5	3.2	6.5	19.4	47.1	77.9	123.9	174.6
Leukemia (204-208)	7.5	.6	1.1	1.1	1.4	1.5	2.3	4.8	11.6	26.3	51.2	79.2
Male	8.4	*	1.2	1.3	1.7	1.8	2.5	5.6	14.7	36.0	71.9	116.0
Female	6.6	*	1.1	.8	1.2	1.3	2.2	4.1	8.8	18.8	38.8	65.0
White	8.0	*	1.2	1.1	1.5	1.5	2.3	4.8	11.6	26.9	52.4	81.5
Male	9.0	*	1.3	1.3	1.8	1.8	2.4	5.6	14.8	36.4	73.9	120.7
Female	7.1	*	1.1	.9	1.2	1.2	2.2	4.1	8.7	19.3	39.6	66.6
All other	4.6	*	.9	1.0	1.3	1.7	2.7	4.8	11.5	21.8	38.8	54.9
Male	5.3	*	*	1.3	1.3	1.9	3.2	5.8	14.0	32.1	53.0	72.5
Female	4.1	*	*	.8	1.2	1.6	2.3	3.9	9.5	14.5	30.4	46.9
Black	5.2	*	*	1.0	1.3	1.8	2.7	5.7	13.0	24.5	42.2	59.7
Male	5.9	*	*	1.3	1.2	2.0	3.2	6.9	16.6	36.0	58.1	83.0
Female	4.6	*	*	*	1.3	1.7	2.4	4.7	10.2	16.5	33.3	49.9
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	11.7	*	*	.2	.8	2.0	3.3	8.4	21.7	47.1	83.7	104.1
Male	12.6	*	*	.3	1.0	2.7	4.5	10.9	27.2	56.8	104.5	140.5
Female	10.9	*	*	*	.6	1.2	2.1	6.0	16.7	39.5	71.2	90.0
White	12.5	*	*	.2	.8	2.0	3.2	8.2	21.5	47.1	84.9	105.9
Male	13.3	*	*	.4	1.0	2.8	4.4	10.7	26.9	56.6	105.9	142.0
Female	11.6	*	*	*	.6	1.2	2.0	5.8	16.5	39.6	72.3	92.1
All other	7.8	*	*	*	.8	1.8	3.8	9.7	23.2	46.8	72.2	85.2
Male	8.8	*	*	*	1.1	2.5	5.3	12.3	29.4	58.2	91.2	126.5
Female	6.9	*	*	*	*	1.2	2.6	7.5	18.3	38.7	60.9	66.5
Black	9.1	*	*	*	.9	2.2	4.6	11.5	27.0	51.5	76.3	87.1
Male	10.3	*	*	*	1.3	3.1	6.3	15.2	34.5	65.0	100.0	131.3
Female	8.0	*	*	*	*	1.4	3.2	8.4	21.2	42.2	63.1	68.4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2.7	1.8	.5	.3	.3	.5	.8	1.6	3.6	8.5	20.0	40.2
Male	2.5	1.5	.5	.3	.2	.5	.9	1.6	3.8	10.2	21.8	44.9
Female	2.9	2.1	.6	.3	.3	.4	.7	1.6	3.4	7.2	19.0	38.3
White	2.8	1.8	.5	.3	.2	.5	.7	1.4	3.5	8.3	19.8	41.0
Male	2.6	1.6	.5	.3	.2	.5	.8	1.5	3.7	9.9	22.1	47.4
Female	3.0	2.1	.5	.4	.2	.5	.7	1.4	3.2	6.9	18.4	38.6
All other	2.1	*	*	*	.3	.5	1.1	2.6	4.3	10.3	22.3	31.5
Male	1.9	*	*	*	*	.6	1.3	2.4	4.3	12.1	19.6	*
Female	2.3	*	*	*	*	*	.8	2.7	4.3	9.1	24.0	35.7
Black	2.5	*	*	*	*	.5	1.3	2.9	4.8	11.8	23.6	34.1
Male	2.2	*	*	*	*	*	1.7	3.0	5.0	14.2	21.3	*
Female	2.7	*	*	*	*	*	1.0	2.8	4.7	10.2	24.9	38.4
Diabetes mellitus (250)	19.2	*	*	.1	.3	1.6	4.0	11.3	33.0	73.6	145.2	255.0
Male	16.7	*	*	*	.3	1.7	4.9	12.6	34.5	76.4	153.6	253.4
Female	21.5	*	*	*	.4	1.4	3.1	10.0	31.7	71.4	140.2	255.7
White	18.5	*	*	*	.3	1.4	3.6	9.2	28.1	65.9	136.0	245.2
Male	16.5	*	*	*	.3	1.5	4.5	10.6	30.3	71.0	148.1	250.5
Female	20.5	*	*	*	.2	1.3	2.7	7.8	26.0	61.8	128.8	243.2
All other	22.4	*	*	*	.6	2.4	6.4	24.4	68.1	140.4	235.2	359.4
Male	18.1	*	*	*	*	2.9	7.7	26.2	66.7	126.4	207.5	281.3
Female	26.4	*	*	*	.8	1.9	5.3	22.8	69.2	150.5	251.8	394.8
Black	26.6	*	*	*	.7	3.1	8.0	29.8	79.3	158.4	255.6	376.9
Male	21.1	*	*	*	*	3.9	9.5	31.7	77.4	141.9	224.9	298.8
Female	31.5	*	*	*	1.0	2.5	6.8	28.1	80.7	169.9	272.9	409.9
Nutritional deficiencies (260-269)	1.2	*	*	*	*	*	.1	.2	.6	1.8	9.1	50.7
Male	.9	*	*	*	*	*	*	.2	.6	2.1	10.0	52.9
Female	1.5	*	*	*	*	*	*	*	.6	1.7	8.5	49.9
White	1.2	*	*	*	*	*	*	.1	.5	1.6	8.4	49.6
Male	.9	*	*	*	*	*	*	*	.4	1.8	9.2	50.3
Female	1.5	*	*	*	*	*	*	*	.5	1.3	7.9	49.3
All other	1.2	*	*	*	*	*	*	.6	1.5	4.2	15.7	62.6
Male	1.1	*	*	*	*	*	*	*	*	4.2	18.4	77.4
Female	1.3	*	*	*	*	*	*	*	1.5	4.2	14.1	55.8
Black	1.4	*	*	*	*	*	*	.8	1.9	4.9	17.4	66.0
Male	1.3	*	*	*	*	*	*	*	*	5.4	20.9	81.5
Female	1.5	*	*	*	*	*	*	*	1.8	4.6	15.4	59.5

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 *includes category numbers* *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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
Anemias (280-285)	1.6	0.7	0.3	0.1	0.3	0.4	0.5	0.6	1.3	3.3	11.2	43.0
Male	1.5	1.0	.4	.2	.4	.5	.5	.7	1.2	3.8	13.0	49.0
Female	1.8	*	.3	.1	.3	.4	.5	.5	1.3	3.0	10.2	40.7
White	1.5	*	*	*	.1	.1	.2	.4	1.1	3.1	10.9	42.8
Male	1.2	*	*	*	.1	.1	.2	.4	1.0	3.5	12.2	49.0
Female	1.7	*	*	*	*	*	.2	.3	1.2	2.7	10.1	40.5
All other	2.4	*	1.1	.5	1.3	2.1	2.3	2.2	2.6	5.8	14.6	44.9
Male	2.6	*	1.5	.6	1.6	2.4	2.3	2.5	3.2	6.7	20.4	49.1
Female	2.2	*	*	*	1.0	1.7	2.2	1.9	2.1	5.2	11.0	43.0
Black	2.9	*	1.3	.6	1.6	2.7	3.0	2.8	2.9	6.5	16.2	47.6
Male	3.2	*	*	.7	2.0	3.2	3.2	3.4	3.4	7.7	23.1	52.8
Female	2.7	*	*	*	1.2	2.2	2.9	2.3	2.5	5.8	12.3	45.4
Meningitis (320-322)	.4	5.0	.5	.1	.1	.1	.2	.3	.5	.8	1.3	2.0
Male	.4	5.4	.7	.1	*	.2	.4	.4	.6	.8	1.3	2.6
Female	.4	4.6	.4	*	*	*	.1	.2	.5	.8	1.3	1.8
White	.3	3.5	.5	.1	*	.1	.2	.2	.5	.7	1.1	1.7
Male	.4	4.1	.6	*	*	.1	.3	.3	.5	.8	1.0	*
Female	.3	3.0	.3	*	*	*	*	*	.5	.7	1.1	1.6
All other	.8	10.5	.8	*	*	*	.6	1.0	1.0	1.4	3.3	*
Male	.9	10.4	*	*	*	*	1.0	1.3	*	*	*	*
Female	.7	10.6	*	*	*	*	*	*	*	*	*	*
Black	.9	11.6	1.0	*	*	*	.8	1.3	1.3	1.5	3.8	*
Male	1.1	11.5	*	*	*	*	1.3	*	*	*	*	*
Female	.8	11.7	*	*	*	*	*	*	*	*	*	*
Major cardiovascular diseases (390-448)	368.3	24.4	2.3	1.1	3.3	10.4	39.4	144.6	434.9	1,101.3	2,963.6	8,942.7
Male	365.2	26.8	2.2	1.2	4.0	13.1	57.0	210.6	619.2	1,505.8	3,749.5	9,598.2
Female	371.3	21.9	2.4	1.1	2.6	7.7	22.3	81.7	270.5	786.0	2,494.1	8,689.8
White	387.0	19.4	1.8	1.0	2.7	8.3	32.8	128.1	405.5	1,062.2	2,945.0	9,064.1
Male	381.6	21.1	1.7	1.2	3.4	10.8	49.0	191.9	589.0	1,471.8	3,753.9	9,767.2
Female	392.1	17.6	2.0	.9	2.0	5.8	16.6	66.3	238.7	739.6	2,461.8	8,797.2
All other	270.8	43.6	3.9	1.5	5.8	20.4	75.7	246.7	644.2	1,439.7	3,146.4	7,655.6
Male	277.1	49.0	4.1	1.3	6.6	25.0	103.6	334.4	852.5	1,816.2	3,706.4	8,020.8
Female	265.0	38.1	3.7	1.8	4.9	16.3	51.4	171.7	481.2	1,170.7	2,810.9	7,489.6
Black	321.7	48.4	4.5	1.7	6.9	25.0	95.3	305.0	761.7	1,631.5	3,400.5	7,998.9
Male	327.4	54.3	4.8	1.5	7.8	30.5	129.9	417.0	1,008.7	2,070.3	4,068.3	8,486.5
Female	316.6	42.4	4.1	1.9	6.1	20.1	65.6	212.1	570.6	1,326.9	3,026.6	7,792.2
Diseases of heart (390-398,402,404-429)	289.5	20.1	1.9	.9	2.5	7.6	31.4	120.5	367.3	894.3	2,295.7	6,739.9
Male	297.6	21.9	1.9	.9	3.1	10.3	48.1	183.0	537.3	1,250.0	2,968.2	7,418.4
Female	281.8	18.3	1.9	.8	1.8	5.0	15.1	61.0	215.7	616.8	1,893.8	6,478.1
White	305.4	16.0	1.5	.8	2.0	6.1	27.0	109.5	346.8	868.6	2,289.1	6,837.3
Male	312.7	17.5	1.5	.9	2.6	8.4	42.6	170.6	516.7	1,230.5	2,983.4	7,558.7
Female	298.4	14.5	1.6	.7	1.4	3.7	11.4	50.2	192.4	583.6	1,874.3	6,563.4
All other	206.7	35.8	3.4	1.2	4.5	15.0	55.4	188.9	513.0	1,115.7	2,360.2	5,707.5
Male	216.9	39.1	3.4	1.1	5.4	19.8	80.1	265.0	695.7	1,428.4	2,819.4	6,109.3
Female	197.4	32.4	3.3	1.3	3.5	10.6	33.9	123.8	370.1	892.4	2,085.1	5,524.9
Black	246.4	39.8	3.9	1.3	5.4	18.6	69.7	234.1	608.7	1,269.6	2,558.2	5,978.5
Male	256.8	43.7	4.0	1.3	6.4	24.5	100.0	328.9	824.0	1,632.9	3,107.1	6,479.6
Female	237.0	35.8	3.8	1.4	4.4	13.4	43.6	155.3	442.0	1,017.5	2,250.9	5,766.1
Rheumatic fever and rheumatic heart disease (390-398)	2.4	*	*	*	.1	.2	.7	1.5	4.1	9.0	18.7	29.3
Male	1.5	*	*	*	*	.2	.6	1.1	3.4	7.1	12.3	18.7
Female	3.3	*	*	*	*	.2	.7	1.9	4.7	10.5	22.5	33.3
White	2.6	*	*	*	.1	.2	.5	1.4	4.1	9.4	19.8	30.5
Male	1.6	*	*	*	*	.2	.5	1.0	3.3	7.5	12.9	19.2
Female	3.6	*	*	*	*	.2	.5	1.8	4.7	10.9	23.9	34.8
All other	1.3	*	*	*	*	.4	1.5	2.1	4.2	5.7	8.2	16.1
Male	.9	*	*	*	*	*	1.3	1.3	3.5	3.6	6.3	*
Female	1.7	*	*	*	*	*	1.6	2.7	4.7	7.1	9.3	17.3
Black	1.4	*	*	*	*	.4	1.7	2.4	4.2	5.9	7.3	15.7
Male	1.0	*	*	*	*	*	1.4	*	3.8	3.9	*	*
Female	1.8	*	*	*	*	*	2.0	3.0	4.5	7.4	7.7	16.6
Hypertensive heart disease (402)	8.5	*	*	*	*	.3	1.6	5.6	13.3	26.3	60.9	173.4
Male	7.3	*	*	*	*	.5	2.3	7.2	17.1	30.3	59.6	129.1
Female	9.6	*	*	*	*	.2	1.0	4.1	9.9	23.2	61.7	190.5
White	7.3	*	*	*	*	.2	.9	3.1	8.8	19.7	53.2	162.9
Male	5.9	*	*	*	*	.3	1.4	4.3	12.1	23.3	51.2	116.6
Female	8.5	*	*	*	*	*	.4	2.0	5.9	16.8	54.4	180.5
All other	14.8	*	*	*	*	1.2	5.8	20.8	45.1	83.6	136.4	284.5
Male	14.4	*	*	*	*	1.5	7.6	25.9	55.8	94.3	141.0	245.7
Female	15.1	*	*	*	*	.9	4.3	16.5	36.7	76.0	133.6	302.1
Black	18.5	*	*	*	*	1.6	7.7	27.3	56.3	99.7	153.7	309.0
Male	18.1	*	*	*	*	2.0	10.1	34.2	70.0	113.9	161.7	277.7
Female	18.9	*	*	*	*	1.2	5.7	21.5	45.7	89.8	149.2	322.3
Hypertensive heart and renal disease (404)	1.0	*	*	*	*	.0	.1	.3	1.0	2.8	8.1	22.6
Male	.8	*	*	*	*	*	.2	.4	1.0	2.9	8.3	25.2
Female	1.1	*	*	*	*	*	*	.2	1.0	2.7	8.0	21.6
White	.8	*	*	*	*	*	*	.1	.6	2.0	6.7	20.3
Male	.6	*	*	*	*	*	*	*	.5	2.2	6.8	23.6
Female	.9	*	*	*	*	*	*	*	.6	1.8	6.7	19.1
All other	1.8	*	*	*	*	*	.8	1.7	4.2	9.4	21.7	46.5
Male	1.6	*	*	*	*	*	1.1	2.2	4.8	9.1	22.7	40.5
Female	2.0	*	*	*	*	*	*	1.3	3.6	9.5	21.0	49.1
Black	2.3	*	*	*	*	*	1.1	2.3	5.3	11.3	24.5	53.5
Male	2.1	*	*	*	*	*	1.5	3.0	6.0	11.1	27.1	46.8
Female	2.5	*	*	*	*	*	*	1.7	4.7	11.4	23.0	56.3

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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
Diseases of heart-Con.												
Ischemic heart disease (410-414)	196.7	0.7	*	*	0.3	2.5	17.3	77.7	248.6	627.0	1,602.5	4,498.1
Male	208.3	*	*	*	.4	3.8	28.5	123.8	375.4	898.5	2,129.6	5,120.7
Female	185.6	*	*	*	.2	1.2	6.4	33.6	135.4	415.2	1,267.6	4,257.8
White	212.7	*	*	*	.3	2.2	16.6	75.2	245.1	625.5	1,624.9	4,609.8
Male	225.1	*	*	*	.4	3.5	27.8	122.1	375.8	906.5	2,178.3	5,280.9
Female	200.8	*	*	*	.2	1.0	5.4	29.8	126.3	404.0	1,294.4	4,354.9
All other	113.3	*	*	*	.5	3.5	21.2	92.6	273.4	640.0	1,382.6	3,314.1
Male	118.7	*	*	*	.7	5.3	32.6	135.3	372.8	825.2	1,653.3	3,625.3
Female	108.3	*	*	*	*	1.8	11.3	56.0	195.7	507.7	1,220.4	3,172.6
Black	133.1	*	*	*	.6	4.3	26.1	112.6	319.2	717.0	1,481.0	3,439.3
Male	137.7	*	*	*	.8	6.4	39.8	163.6	432.6	926.8	1,790.7	3,786.0
Female	128.9	*	*	*	*	2.4	14.4	70.3	231.5	571.4	1,307.7	3,292.4
Acute myocardial infarction (410)	96.1	*	*	*	.2	1.4	10.0	46.5	144.3	342.1	793.6	1,695.5
Male	106.8	*	*	*	.2	2.1	16.3	74.5	216.4	483.5	1,059.5	2,064.8
Female	85.9	*	*	*	.2	.7	3.8	19.9	79.9	231.9	634.7	1,553.0
White	103.6	*	*	*	.2	1.3	9.7	45.7	143.3	342.4	805.1	1,728.4
Male	115.4	*	*	*	.2	1.9	16.1	74.3	218.2	489.2	1,083.2	2,120.2
Female	92.3	*	*	*	.1	.6	3.3	18.0	75.2	226.8	639.0	1,579.6
All other	56.9	*	*	*	.3	2.0	11.7	51.5	151.3	339.6	680.4	1,346.8
Male	60.9	*	*	*	*	3.0	17.6	76.0	203.0	431.1	828.0	1,547.9
Female	53.2	*	*	*	*	1.1	6.5	30.6	110.8	274.3	592.0	1,255.4
Black	67.0	*	*	*	*	2.5	14.2	62.4	176.3	381.6	731.8	1,410.0
Male	71.1	*	*	*	*	3.8	21.3	91.1	234.4	487.1	905.6	1,661.4
Female	63.4	*	*	*	*	1.4	8.1	38.5	131.4	308.3	634.4	1,303.4
Other acute and subacute forms of ischemic heart disease (411)	1.3	*	*	*	*	.1	.3	1.3	2.7	4.5	8.6	21.2
Male	1.6	*	*	*	*	*	.5	2.1	4.1	7.0	11.7	24.5
Female	1.1	*	*	*	*	*	.1	.5	1.4	2.5	6.8	20.0
White	1.3	*	*	*	*	*	.3	1.2	2.5	4.2	8.3	20.7
Male	1.6	*	*	*	*	*	.4	1.9	3.8	6.7	11.5	23.7
Female	1.1	*	*	*	*	*	*	.4	1.2	2.2	6.3	19.5
All other	1.3	*	*	*	*	*	.5	1.9	4.1	7.1	12.3	27.3
Male	1.6	*	*	*	*	*	*	3.1	6.3	10.0	14.1	31.9
Female	1.1	*	*	*	*	*	*	*	2.3	4.9	11.2	25.1
Black	1.6	*	*	*	*	*	.6	2.4	4.9	8.0	13.1	29.2
Male	1.9	*	*	*	*	*	*	4.0	7.6	11.7	14.8	36.2
Female	1.3	*	*	*	*	*	*	*	2.8	5.4	12.1	26.2
Angina pectoris (413)	.4	*	*	*	*	*	*	.1	.3	1.3	3.6	11.9
Male	.4	*	*	*	*	*	*	*	.5	1.8	3.6	10.7
Female	.5	*	*	*	*	*	*	*	.2	.9	3.5	12.4
White	.5	*	*	*	*	*	*	*	.3	1.3	3.6	12.4
Male	.4	*	*	*	*	*	*	*	.4	1.8	3.7	10.9
Female	.5	*	*	*	*	*	*	*	.2	.9	3.6	12.9
All other	.3	*	*	*	*	*	*	*	*	1.7	3.1	*
Male	.3	*	*	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*	*	*
Black	.3	*	*	*	*	*	*	*	*	2.0	3.8	*
Male	.3	*	*	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*	*	*
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	98.8	*	*	*	.1	1.0	7.0	29.7	101.3	279.0	796.7	2,769.4
Male	99.6	*	*	*	.2	1.6	11.6	47.1	154.5	406.2	1,054.7	3,020.7
Female	98.1	*	*	*	*	.4	2.4	13.2	53.9	179.9	642.5	2,672.5
White	107.3	*	*	*	.1	.9	6.6	28.3	99.1	277.6	807.9	2,848.4
Male	107.7	*	*	*	.1	1.5	11.2	45.7	153.4	408.9	1,079.9	3,126.1
Female	106.8	*	*	*	*	.4	2.0	11.3	49.7	174.2	645.5	2,742.9
All other	54.8	*	*	*	*	1.4	8.9	39.0	117.4	291.6	686.8	1,932.7
Male	55.9	*	*	*	*	2.2	14.1	56.1	162.4	381.9	808.4	2,036.8
Female	53.8	*	*	*	*	.7	4.4	24.4	82.2	227.0	613.9	1,885.4
Black	64.1	*	*	*	*	1.6	11.2	47.7	137.2	325.4	732.4	1,993.0
Male	64.3	*	*	*	*	2.4	17.5	68.3	189.5	425.2	866.6	2,080.9
Female	64.0	*	*	*	*	.9	5.8	30.6	96.8	256.2	657.3	1,955.7
Other diseases of endocardium (424)	5.2	*	*	*	.1	.3	.6	1.6	4.5	13.3	46.0	140.2
Male	4.5	*	*	*	.1	.3	.8	2.1	5.7	16.1	51.7	142.3
Female	5.9	*	*	*	*	.2	.4	1.1	3.4	11.1	42.6	139.4
White	5.7	*	*	*	.1	.2	.5	1.4	4.5	13.4	47.5	146.2
Male	4.9	*	*	*	*	.3	.6	1.9	5.8	16.3	53.7	150.2
Female	6.5	*	*	*	*	.2	.3	1.0	3.2	11.2	43.8	144.7
All other	2.6	*	*	*	*	.5	1.3	2.6	4.9	12.0	30.8	76.4
Male	2.5	*	*	*	*	.7	1.8	3.5	5.0	14.5	32.2	68.8
Female	2.8	*	*	*	*	*	.8	1.8	4.9	10.2	30.0	79.9
Black	3.0	*	*	*	*	.6	1.7	3.2	5.5	13.4	31.6	74.6
Male	2.9	*	*	*	*	.8	2.4	4.3	5.9	16.3	32.5	63.4
Female	3.2	*	*	*	*	*	1.1	2.3	5.1	11.3	31.1	79.3
All other forms of heart disease (415-423,425-429)	75.8	18.8	1.8	0.8	1.9	4.3	11.1	33.9	95.8	215.9	559.5	1,876.4
Male	75.1	20.7	1.8	.8	2.4	5.4	15.8	48.4	134.6	295.1	706.8	1,982.5
Female	76.4	16.9	1.8	.7	1.4	3.1	6.5	20.0	61.2	154.2	471.5	1,835.5
White	76.3	14.7	1.4	.7	1.6	3.2	8.5	28.2	83.8	198.7	536.9	1,867.6
Male	74.4	16.3	1.4	.8	2.0	4.2	12.3	41.1	119.2	274.7	680.5	1,968.2
Female	78.1	13.1	1.4	.6	1.1	2.3	4.7	15.6	51.7	138.8	451.1	1,829.4
All other	72.9	34.4	3.2	1.0	3.5	9.2	24.9	69.2	181.3	365.1	780.5	1,970.0
Male	78.9	37.4	3.4	.9	4.1	11.9	35.8	96.8	253.8	481.7	963.8	2,115.5
Female	67.4	31.4	3.1	1.1	2.9	6.8	15.4	45.5	124.6	281.8	670.6	1,903.8
Black	88.0	38.4	3.7	1.1	4.2	11.5	31.3	86.4	218.2	422.4	860.2	2,086.4
Male	95.1	41.9	4.0	1.1	4.8	14.7	44.8	122.2	305.6	560.9	1,088.6	2,292.1
Female	81.7	34.8	3.4	1.1	3.6	8.6	19.7	56.7	150.6	326.2	732.3	1,999.2

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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
Major cardiovascular diseases-Con.												
Hypertension with or without renal disease (401,403)	3.7	*	*	*	*	0.1	0.5	1.6	4.2	11.0	30.0	87.3
Male	3.2	*	*	*	*	.2	.7	1.9	4.8	12.2	31.5	95.8
Female	4.2	*	*	*	*	*	.3	1.2	3.7	10.1	29.1	84.1
White	3.3	*	*	*	*	*	.2	.9	3.0	8.9	26.6	82.8
Male	2.8	*	*	*	*	*	.3	1.2	3.6	10.0	28.3	90.5
Female	3.8	*	*	*	*	*	.1	.6	2.4	8.0	25.6	79.9
All other	5.5	*	*	*	*	.4	2.0	6.1	13.3	29.6	63.2	135.5
Male	5.1	*	*	*	*	.6	2.9	7.2	14.4	32.5	63.0	145.0
Female	5.9	*	*	*	*	*	1.2	5.2	12.5	27.6	63.3	131.2
Black	6.9	*	*	*	*	.5	2.5	8.0	16.5	35.4	72.7	148.7
Male	6.4	*	*	*	*	*	3.6	9.5	17.4	39.9	74.0	164.5
Female	7.4	*	*	*	*	*	1.6	6.8	15.8	32.2	72.0	142.0
Cerebrovascular diseases (430-438)	57.9	3.8	0.3	0.2	0.6	2.2	6.5	18.7	48.0	144.4	499.3	1,633.9
Male	46.8	4.4	.3	.2	.7	2.1	6.8	20.5	54.4	166.8	552.7	1,533.2
Female	68.6	3.1	.3	.2	.6	2.2	6.1	17.0	42.2	126.9	467.4	1,672.7
White	59.7	2.8	.3	.2	.6	1.7	4.7	14.4	40.6	132.5	488.7	1,652.5
Male	47.0	3.1	*	.2	.6	1.8	4.9	15.4	45.8	153.2	540.7	1,549.6
Female	71.8	2.6	.3	.2	.5	1.7	4.4	13.5	35.8	116.3	457.6	1,691.4
All other	48.9	7.2	*	*	.9	4.3	16.2	45.4	100.5	246.8	603.0	1,437.1
Male	45.4	9.4	*	*	.8	3.9	17.8	54.1	120.4	291.5	669.7	1,378.4
Female	52.1	4.9	*	*	1.0	4.7	14.9	37.9	84.9	214.8	563.0	1,463.7
Black	57.1	8.1	*	*	1.0	5.1	20.5	55.2	116.5	273.9	641.9	1,476.9
Male	53.1	10.2	*	*	.9	4.6	22.7	68.4	141.8	327.2	723.7	1,430.5
Female	60.7	*	*	*	1.1	5.5	18.6	44.1	97.0	236.8	598.0	1,496.5
Intracerebral and other intracranial hemorrhage (431-432)	8.3	1.5	*	*	.2	.7	2.4	6.9	13.5	27.5	63.4	108.2
Male	7.6	1.8	*	*	.2	.8	3.0	8.2	15.4	30.6	67.6	107.8
Female	8.9	1.2	*	*	.2	.6	1.9	5.6	11.8	25.1	60.8	108.4
White	8.0	1.0	*	*	.2	.5	1.6	4.7	11.3	25.7	62.6	109.4
Male	7.1	*	*	*	.2	.6	1.8	5.6	12.8	28.2	65.9	108.4
Female	8.9	*	*	*	.2	.5	1.3	3.9	9.9	23.8	60.7	109.7
All other	9.5	3.5	*	*	.4	1.7	7.3	20.4	29.4	43.1	70.6	96.0
Male	10.3	5.1	*	*	*	1.9	9.8	25.5	35.8	52.9	84.3	102.0
Female	8.7	*	*	*	*	1.4	5.1	16.1	24.5	36.2	62.4	93.3
Black	10.6	4.1	*	*	.4	1.9	9.3	24.6	33.0	43.3	66.5	93.0
Male	11.5	*	*	*	*	2.2	12.7	31.6	40.5	52.8	77.6	90.5
Female	9.7	*	*	*	*	1.7	6.4	18.9	27.1	36.8	60.2	94.0
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	7.3	*	*	*	.1	.1	.4	1.5	5.2	17.4	64.5	229.5
Male	5.8	*	*	*	*	.1	.4	1.8	6.6	20.8	70.6	206.1
Female	8.8	*	*	*	*	*	.4	1.1	4.0	14.8	60.9	238.6
White	7.7	*	*	*	*	.1	.3	1.1	4.5	16.1	63.6	233.8
Male	6.0	*	*	*	*	.1	.4	1.3	5.7	19.3	69.7	210.6
Female	9.4	*	*	*	*	*	.3	.9	3.4	13.6	59.9	242.6
All other	5.5	*	*	*	*	*	1.1	3.6	10.4	28.5	73.8	184.7
Male	4.9	*	*	*	*	*	.9	4.8	13.6	34.5	78.6	164.6
Female	5.9	*	*	*	*	*	1.2	2.6	7.9	24.2	70.9	193.8
Black	6.5	*	*	*	*	*	1.4	4.4	12.0	32.4	80.6	194.5
Male	5.9	*	*	*	*	*	1.2	6.0	15.8	40.4	89.2	170.5
Female	7.0	*	*	*	*	*	1.5	3.0	9.1	26.8	75.8	204.7
Cerebral embolism (434.1)	.3	*	*	*	*	*	*	*	.2	.8	2.7	5.8
Male	.2	*	*	*	*	*	*	*	.2	.9	3.1	5.3
Female	.3	*	*	*	*	*	*	*	*	.7	2.4	6.0
White	.3	*	*	*	*	*	*	*	.2	.8	2.8	6.0
Male	.2	*	*	*	*	*	*	*	.2	.9	3.1	5.4
Female	.3	*	*	*	*	*	*	*	*	.7	2.6	6.3
All other	.1	*	*	*	*	*	*	*	*	*	*	*
Male	.1	*	*	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*	*	*
Black	.1	*	*	*	*	*	*	*	*	*	*	*
Male	.1	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
All other and late effects of cerebrovascular diseases (430,433,435-438)	42.1	1.8	.2	.1	.4	1.3	3.6	10.3	29.0	98.7	368.7	1,290.4
Male	33.1	2.1	*	.1	.4	1.2	3.4	10.4	32.1	114.5	411.4	1,213.9
Female	50.5	1.6	*	.1	.3	1.5	3.8	10.2	26.3	86.3	343.2	1,319.8
White	43.6	1.5	*	.1	.3	1.1	2.8	8.5	24.6	89.9	359.7	1,303.3
Male	33.7	1.7	*	*	.4	1.0	2.7	8.4	27.2	104.8	401.9	1,225.4
Female	53.1	1.3	*	*	.3	1.1	2.8	8.6	22.4	78.1	334.5	1,332.8
All other	33.8	3.1	*	*	.4	2.4	7.9	21.2	60.4	174.6	457.2	1,153.3
Male	30.0	*	*	*	*	1.8	7.1	23.8	70.7	203.3	504.5	1,106.9
Female	37.3	*	*	*	*	3.0	8.6	19.0	52.3	154.0	428.9	1,174.5
Black	39.9	3.4	*	*	.5	2.9	9.8	26.1	71.2	197.6	493.3	1,186.3
Male	35.5	*	*	*	*	2.2	8.7	30.8	85.0	233.4	554.1	1,164.9
Female	43.9	*	*	*	*	3.6	10.7	22.1	60.6	172.8	459.2	1,195.3
Atherosclerosis (440)	7.3	*	*	*	*	*	.1	.6	3.2	12.3	53.2	318.0
Male	5.7	*	*	*	*	*	.1	.9	4.4	15.9	63.1	315.5
Female	8.8	*	*	*	*	*	*	.4	2.1	9.5	47.4	318.9
White	7.9	*	*	*	*	*	.1	.6	3.0	12.0	53.4	326.8
Male	6.1	*	*	*	*	*	*	.8	4.3	15.7	63.6	323.1
Female	9.7	*	*	*	*	*	*	.4	1.8	9.1	47.3	328.2
All other	3.7	*	*	*	*	*	*	.8	4.5	14.8	52.0	224.6
Male	3.3	*	*	*	*	*	*	1.2	5.1	18.1	58.4	244.5
Female	4.2	*	*	*	*	*	*	*	4.0	12.5	48.1	215.6
Black	4.5	*	*	*	*	*	*	1.0	5.6	17.2	57.3	238.5
Male	3.9	*	*	*	*	*	*	*	6.4	21.3	64.6	261.1
Female	5.1	*	*	*	*	*	*	*	5.0	14.4	53.2	229.0

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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
Major cardiovascular diseases-Con.												
Other diseases of arteries, arterioles, and capillaries (441-448)	9.9	*	*	*	0.2	0.4	1.0	3.1	12.2	39.4	85.4	163.6
Male	12.0	*	*	*	.2	.5	1.3	4.3	18.4	60.7	134.0	235.3
Female	7.9	*	*	*	.1	.4	.7	2.1	6.7	22.7	56.4	136.0
White	10.7	*	*	*	.1	.4	.8	2.8	12.1	40.2	87.2	164.8
Male	13.1	*	*	*	.2	.5	1.1	3.9	18.6	62.4	137.9	245.1
Female	8.4	*	*	*	*	.3	.6	1.7	6.3	22.7	56.9	134.3
All other	5.9	*	*	*	*	.7	2.0	5.5	12.8	32.8	68.0	150.9
Male	6.4	*	*	*	*	.6	2.6	6.9	16.9	45.8	95.8	143.7
Female	5.4	*	*	*	*	.7	1.4	4.3	9.6	23.5	51.4	154.1
Black	6.8	*	*	*	*	.8	2.5	6.8	14.4	35.4	70.5	156.3
Male	7.2	*	*	*	*	*	3.3	8.6	19.1	48.9	98.9	150.9
Female	6.4	*	*	*	*	.8	1.7	5.3	10.8	26.0	54.6	158.6
Acute bronchitis and bronchiolitis (466)	.3	1.9	*	*	*	*	*	*	.2	.5	1.6	6.6
Male	.2	2.2	*	*	*	*	*	*	.3	.6	1.7	7.5
Female	.3	1.6	*	*	*	*	*	*	.2	.4	1.5	6.3
White	.3	1.2	*	*	*	*	*	*	.2	.5	1.7	7.0
Male	.2	1.3	*	*	*	*	*	*	.3	.6	1.8	8.3
Female	.3	*	*	*	*	*	*	*	.2	.5	1.6	6.5
All other	.2	4.4	*	*	*	*	*	*	*	*	*	*
Male	.2	5.5	*	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*	*	*
Black	.2	5.0	*	*	*	*	*	*	*	*	*	*
Male	.2	6.2	*	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*	*	*
Pneumonia and influenza (480-487)	32.0	16.1	1.2	0.4	.6	1.8	3.8	7.0	18.6	59.1	253.5	1,140.0
Male	30.4	18.1	1.2	.4	.6	2.2	5.1	9.1	24.6	80.4	345.5	1,421.5
Female	33.4	14.0	1.1	.4	.6	1.3	2.5	5.0	13.2	42.5	198.5	1,031.3
White	33.9	12.0	1.0	.4	.5	1.2	2.7	5.8	16.6	56.6	253.6	1,167.5
Male	31.4	13.3	1.0	.4	.6	1.6	3.6	7.2	21.8	76.1	343.2	1,456.9
Female	36.3	10.6	1.0	.4	.5	.9	1.8	4.4	11.9	41.2	200.2	1,057.5
All other	21.8	31.6	1.8	.5	1.1	4.3	9.5	14.6	32.6	80.7	251.7	848.5
Male	25.1	36.4	1.7	.6	1.0	5.8	14.0	22.0	46.2	120.0	368.4	1,090.9
Female	18.7	26.7	1.8	*	1.2	3.0	5.7	8.3	22.0	52.6	181.8	738.3
Black	24.8	36.8	1.7	.5	1.3	5.4	12.2	18.1	38.4	90.8	255.4	809.4
Male	28.9	42.2	1.7	*	1.2	7.3	18.2	28.0	55.1	137.7	379.4	1,054.8
Female	21.2	31.4	1.8	*	1.4	3.6	7.1	10.0	25.4	58.2	185.9	705.4
Pneumonia (480-486)	31.1	15.9	1.1	.3	.6	1.8	3.7	6.9	18.1	57.7	247.2	1,105.4
Male	29.8	17.8	1.1	.4	.6	2.2	5.1	9.0	24.0	78.9	338.3	1,384.4
Female	32.4	13.9	1.0	.3	.6	1.3	2.4	4.8	12.9	41.2	192.8	997.8
White	33.0	11.8	.9	.3	.5	1.2	2.7	5.6	16.1	55.2	247.1	1,130.7
Male	30.7	13.0	1.0	.3	.5	1.6	3.6	7.0	21.2	74.5	335.7	1,416.9
Female	35.2	10.4	.9	.3	.5	.9	1.8	4.2	11.5	39.9	194.1	1,022.1
All other	21.5	31.6	1.7	.4	1.1	4.3	9.5	14.5	32.3	79.8	248.9	837.0
Male	24.9	36.4	1.7	*	.9	5.8	13.9	21.8	45.9	118.5	364.0	1,081.1
Female	18.5	26.7	1.8	*	1.2	3.0	5.7	8.2	21.6	52.2	179.9	726.0
Black	24.5	36.8	1.7	.5	1.2	5.3	12.2	18.0	37.9	89.9	252.0	797.7
Male	28.5	42.2	*	*	1.2	7.3	18.1	27.7	54.7	136.1	373.9	1,042.7
Female	20.9	31.4	*	*	1.3	3.6	7.1	9.9	24.9	57.8	183.7	693.9
Influenza (487)	.8	*	*	*	*	*	*	.1	.5	1.4	6.2	34.6
Male	.7	*	*	*	*	*	*	*	.6	1.5	7.2	37.1
Female	1.0	*	*	*	*	*	*	*	.4	1.2	5.6	33.6
White	1.0	*	*	*	*	*	*	.1	.5	1.4	6.6	36.7
Male	.7	*	*	*	*	*	*	*	.6	1.6	7.5	40.0
Female	1.2	*	*	*	*	*	*	*	.4	1.3	6.0	35.5
All other	.2	*	*	*	*	*	*	*	*	*	2.8	11.5
Male	.3	*	*	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*	*	12.3
Black	.3	*	*	*	*	*	*	*	*	*	3.4	11.7
Male	.3	*	*	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*	*	*
Chronic obstructive pulmonary diseases and allied conditions (490-496)	34.9	1.4	.4	.3	.5	.7	1.6	9.1	48.9	152.5	321.1	433.3
Male	40.8	1.6	.5	.4	.5	.7	1.7	9.4	58.6	204.0	500.0	815.1
Female	29.2	1.2	*	.3	.5	.7	1.5	8.8	40.3	112.3	214.2	286.0
White	38.4	1.2	.3	.2	.4	.5	1.3	8.5	49.9	158.1	333.7	449.4
Male	44.3	1.3	.3	.2	.3	.5	1.3	8.6	58.7	208.1	513.5	847.0
Female	32.8	*	*	.2	.4	.5	1.2	8.3	41.9	118.8	226.3	298.4
All other	16.2	*	.8	.8	1.0	1.7	3.6	13.0	42.0	103.6	197.4	262.6
Male	21.9	*	*	1.1	1.2	1.8	4.1	15.0	57.5	166.6	368.1	517.2
Female	11.1	*	*	*	.8	1.6	3.1	11.3	29.8	58.6	95.2	146.9
Black	18.6	*	1.0	1.0	1.2	2.1	4.5	16.2	48.2	113.8	201.9	241.7
Male	25.2	*	*	1.4	1.4	2.4	5.3	18.8	67.4	184.5	390.9	498.0
Female	12.6	*	*	*	.9	1.9	3.8	14.0	33.4	64.7	96.0	133.0
Bronchitis, chronic and unspecified (490-491)	1.4	1.0	.2	*	*	*	.1	.4	1.8	5.0	12.7	27.0
Male	1.5	1.1	*	*	*	*	*	.4	2.1	6.6	18.5	39.7
Female	1.4	*	*	*	*	*	.1	.3	1.6	3.7	9.2	22.2
White	1.6	.9	*	*	*	*	.1	.4	1.9	5.3	13.2	28.3
Male	1.7	*	*	*	*	*	*	.4	2.2	6.8	18.7	42.1
Female	1.5	*	*	*	*	*	*	.4	1.7	4.0	9.9	23.1
All other	.6	*	*	*	*	*	*	*	1.0	2.5	8.0	13.4
Male	.8	*	*	*	*	*	*	*	*	3.8	16.4	*
Female	.4	*	*	*	*	*	*	*	*	*	*	11.7
Black	.6	*	*	*	*	*	*	*	1.1	2.9	7.5	9.0
Male	.9	*	*	*	*	*	*	*	*	4.6	16.6	*
Female	.4	*	*	*	*	*	*	*	*	*	*	*

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 9 of 13)

[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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
Chronic obstructive pulmonary diseases and allied conditions-Con.												
Emphysema (492)	6.3	*	*	*	*	*	0.2	1.7	10.5	31.3	56.6	55.5
Male	7.8	*	*	*	*	*	.3	1.9	12.9	42.9	92.7	115.7
Female	4.9	*	*	*	*	*	.1	1.5	8.3	22.2	35.1	32.3
White	7.1	*	*	*	*	*	.2	1.7	11.0	33.0	59.5	58.3
Male	8.6	*	*	*	*	*	.3	1.8	13.2	44.5	96.2	122.0
Female	5.7	*	*	*	*	*	*	1.6	9.0	24.0	37.6	34.2
All other	2.2	*	*	*	*	*	*	1.5	6.7	16.1	28.6	25.3
Male	3.3	*	*	*	*	*	*	2.4	10.2	28.7	57.8	56.5
Female	1.1	*	*	*	*	*	*	*	4.0	7.1	11.0	11.2
Black	2.5	*	*	*	*	*	*	1.9	7.7	17.9	28.5	24.3
Male	3.8	*	*	*	*	*	*	3.0	12.0	31.8	59.9	58.9
Female	1.3	*	*	*	*	*	*	*	4.4	8.3	10.9	*
Asthma (493)	1.9	*	0.2	0.3	0.4	0.5	.9	2.0	3.5	6.2	10.7	16.9
Male	1.6	*	*	.4	.4	.5	.8	1.5	2.9	5.6	10.4	16.4
Female	2.3	*	*	.2	.4	.6	1.0	2.4	4.1	6.7	10.9	17.2
White	1.8	*	*	.2	.3	.4	.6	1.4	3.0	5.7	10.4	17.2
Male	1.3	*	*	.2	.3	.4	.5	1.1	2.3	5.0	9.7	16.1
Female	2.2	*	*	.2	.3	.3	.7	1.8	3.6	6.3	10.8	17.7
All other	2.8	*	*	.7	.9	1.5	2.4	5.5	7.3	10.4	14.0	13.8
Male	2.8	*	*	1.0	1.1	1.5	2.5	4.7	7.4	11.0	17.0	*
Female	2.9	*	*	*	.8	1.5	2.4	6.2	7.1	10.0	12.2	11.2
Black	3.2	*	*	.9	1.1	1.8	3.1	6.8	8.1	11.0	12.4	12.6
Male	3.2	*	*	1.2	1.4	1.9	3.4	5.8	8.0	12.1	13.7	*
Female	3.3	*	*	*	.9	1.8	2.9	7.7	8.2	10.3	11.7	*
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	25.2	*	*	*	*	.1	.4	5.0	33.1	110.0	241.0	333.8
Male	29.9	*	*	*	*	*	.6	5.6	40.7	149.0	378.4	643.3
Female	20.6	*	*	*	*	*	.3	4.5	26.3	79.6	158.9	214.4
White	27.9	*	*	*	*	.1	.4	5.0	34.0	114.1	250.6	345.5
Male	32.7	*	*	*	*	*	.5	5.4	41.0	151.8	388.8	666.9
Female	23.4	*	*	*	*	*	.3	4.6	27.6	84.4	168.1	223.5
All other	10.7	*	*	*	*	*	.8	5.6	27.0	74.6	146.9	210.0
Male	15.0	*	*	*	*	*	1.1	7.3	38.5	123.0	276.9	423.8
Female	6.7	*	*	*	*	*	*	4.2	18.0	40.0	69.0	112.8
Black	12.2	*	*	*	*	*	1.0	6.9	31.4	81.9	153.4	195.8
Male	17.3	*	*	*	*	*	1.4	9.3	45.8	136.1	300.7	412.0
Female	7.6	*	*	*	*	*	*	5.0	20.2	44.3	70.9	104.2
Ulcer of stomach and duodenum (531-533)	2.5	*	*	*	*	.1	.3	1.0	2.7	7.5	20.2	58.4
Male	2.5	*	*	*	*	.2	.5	1.3	3.7	10.2	24.7	66.8
Female	2.5	*	*	*	*	*	.2	.7	1.9	5.4	17.5	55.1
White	2.6	*	*	*	*	.1	.3	.9	2.5	7.3	20.6	60.3
Male	2.5	*	*	*	*	.1	.4	1.2	3.3	9.9	25.1	69.8
Female	2.7	*	*	*	*	*	.1	.6	1.9	5.3	17.9	56.7
All other	1.7	*	*	*	*	.4	.8	1.6	4.2	9.4	16.2	38.0
Male	2.0	*	*	*	*	.6	1.2	2.4	6.8	13.0	20.1	39.3
Female	1.4	*	*	*	*	*	*	*	2.1	6.8	13.8	37.4
Black	1.9	*	*	*	*	.4	1.0	1.9	5.0	10.6	16.2	33.7
Male	2.3	*	*	*	*	*	1.6	3.0	8.1	15.0	19.9	36.2
Female	1.6	*	*	*	*	*	*	*	2.6	7.6	14.1	32.6
Appendicitis (540-543)	.2	*	*	*	*	*	.1	.1	.3	.5	1.1	2.2
Male	.2	*	*	*	*	*	*	.2	.4	.8	1.7	3.1
Female	.1	*	*	*	*	*	*	*	.3	.3	.8	1.9
White	.2	*	*	*	*	*	.1	.1	.3	.4	1.1	2.2
Male	.2	*	*	*	*	*	*	*	.4	.7	1.6	3.4
Female	.1	*	*	*	*	*	*	*	*	.3	.8	1.7
All other	.2	*	*	*	*	*	*	*	*	1.1	*	*
Male	.2	*	*	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*	*	*
Black	.2	*	*	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*	*	*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.3	2.2	.2	.1	.1	.1	.3	.5	1.6	4.9	19.8	73.4
Male	1.8	2.9	*	*	*	*	.3	.5	1.6	5.1	20.4	66.8
Female	2.9	1.5	*	*	*	*	.2	.5	1.6	4.8	19.4	75.9
White	2.4	1.9	*	.1	*	*	.2	.4	1.4	4.6	19.4	74.1
Male	1.7	2.5	*	*	*	*	.2	.4	1.4	4.7	19.6	66.5
Female	3.1	*	*	*	*	*	.2	.4	1.4	4.5	19.2	77.1
All other	1.9	3.4	*	*	*	*	.6	1.3	2.8	7.9	23.9	65.3
Male	1.8	*	*	*	*	*	.8	1.4	3.4	8.9	28.8	70.0
Female	1.9	*	*	*	*	*	*	1.2	2.3	7.1	21.0	63.1
Black	2.3	4.1	*	*	*	*	.8	1.6	3.3	9.0	26.9	71.0
Male	2.2	*	*	*	*	*	1.1	1.8	4.2	10.3	33.2	77.0
Female	2.4	*	*	*	*	*	*	1.4	2.6	8.1	23.4	68.4
Chronic liver disease and cirrhosis (571)	10.4	*	*	*	.1	2.1	9.7	18.0	29.9	34.9	34.1	23.4
Male	13.7	*	*	*	.1	2.6	14.3	26.6	42.8	48.1	46.9	36.3
Female	7.2	*	*	*	.1	1.5	5.1	9.7	18.3	24.6	26.5	18.4
White	10.3	*	*	*	.1	1.7	8.2	16.0	28.5	35.2	34.8	24.1
Male	13.6	*	*	*	*	2.2	12.4	23.7	40.9	48.4	48.0	37.4
Female	7.1	*	*	*	*	1.1	3.9	8.5	17.2	24.7	26.9	19.0
All other	10.8	*	*	*	*	3.9	17.8	30.3	39.9	32.1	27.6	15.7
Male	14.3	*	*	*	*	4.5	25.2	45.8	57.7	44.8	36.5	25.8
Female	7.6	*	*	*	*	3.4	11.4	17.1	26.0	23.1	22.2	11.2
Black	12.3	*	*	*	*	4.3	21.7	35.4	45.0	34.4	26.3	15.7
Male	16.6	*	*	*	*	5.3	30.7	54.5	66.6	49.4	36.1	*
Female	8.5	*	*	*	*	3.4	13.9	19.5	28.2	24.0	20.8	*

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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
Cholelithiasis and other disorders of gallbladder (574-575)	1.2	*	*	*	*	0.1	0.1	0.3	1.0	3.5	10.3	33.4
Male	1.1	*	*	*	*	*	.1	.3	1.1	4.4	12.1	36.3
Female	1.4	*	*	*	*	*	*	.3	1.0	2.8	9.1	32.3
White	1.3	*	*	*	*	*	.1	.3	.9	3.4	10.4	33.9
Male	1.1	*	*	*	*	*	*	.3	1.0	4.3	12.4	37.5
Female	1.5	*	*	*	*	*	*	.2	.9	2.8	9.2	32.6
All other	.7	*	*	*	*	*	*	*	1.4	4.0	9.1	28.0
Male	.6	*	*	*	*	*	*	*	*	5.3	9.2	24.6
Female	.8	*	*	*	*	*	*	*	1.4	3.0	9.0	29.6
Black	.8	*	*	*	*	*	*	*	1.5	3.9	9.1	25.6
Male	.7	*	*	*	*	*	*	*	*	5.1	8.7	*
Female	.9	*	*	*	*	*	*	*	*	3.2	9.3	27.5
Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.3	3.8	0.2	0.1	0.2	.5	1.4	2.9	8.2	23.9	69.7	199.1
Male	8.3	4.1	*	*	.2	.6	1.9	3.3	8.9	28.6	92.4	281.3
Female	8.4	3.6	*	*	.1	.3	1.0	2.5	7.6	20.2	56.1	167.4
White	7.9	2.9	*	*	.1	.3	.9	2.0	6.2	20.5	64.3	191.3
Male	7.9	3.1	*	*	.2	.4	1.2	2.3	6.9	25.1	86.7	273.9
Female	8.0	2.6	*	*	*	.2	.6	1.7	5.5	16.9	50.9	159.9
All other	10.5	7.5	*	*	.3	1.3	4.2	8.5	22.8	53.0	123.0	282.2
Male	10.4	7.7	*	*	*	1.8	5.5	10.1	24.6	61.2	148.5	350.1
Female	10.6	7.2	*	*	*	.9	3.0	7.1	21.3	47.2	107.8	251.3
Black	12.6	8.5	*	*	.4	1.7	5.4	10.5	27.2	60.5	134.7	303.2
Male	12.5	8.7	*	*	*	2.3	7.2	13.2	29.3	71.1	164.6	383.3
Female	12.8	8.2	*	*	*	1.2	3.9	8.3	25.7	53.2	118.0	269.2
Acute glomerulonephritis and nephrotic syndrome (580-581)	.1	*	*	*	*	*	*	*	.1	.3	.8	2.4
Male	.1	*	*	*	*	*	*	*	*	.4	1.0	3.0
Female	.1	*	*	*	*	*	*	*	*	.3	.7	2.2
White	.1	*	*	*	*	*	*	*	*	.3	.8	2.5
Male	.1	*	*	*	*	*	*	*	*	.4	1.1	3.2
Female	.1	*	*	*	*	*	*	*	*	.3	.7	2.2
All other	.1	*	*	*	*	*	*	*	*	*	*	*
Male	.1	*	*	*	*	*	*	*	*	*	*	*
Female	.1	*	*	*	*	*	*	*	*	*	*	*
Black	.1	*	*	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*	*	*
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	.6	*	*	*	*	.1	.2	.3	.6	1.7	4.9	12.8
Male	.6	*	*	*	*	.1	.3	.4	.8	2.1	6.2	19.3
Female	.6	*	*	*	*	*	.1	.2	.5	1.4	4.2	10.3
White	.6	*	*	*	*	*	.1	.2	.5	1.5	4.4	11.9
Male	.6	*	*	*	*	*	.2	.3	.6	1.8	5.7	17.8
Female	.6	*	*	*	*	*	*	.2	.4	1.2	3.7	9.7
All other	.8	*	*	*	*	*	.4	.6	1.6	3.7	10.1	21.9
Male	.9	*	*	*	*	*	*	*	*	5.0	12.1	33.2
Female	.8	*	*	*	*	*	*	*	1.5	2.8	9.0	16.8
Black	1.0	*	*	*	*	*	.6	*	1.9	4.3	10.9	23.8
Male	1.1	*	*	*	*	*	*	*	*	5.9	13.0	37.7
Female	.9	*	*	*	*	*	*	*	1.9	3.2	9.7	17.9
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	7.6	3.5	*	*	.1	.4	1.2	2.5	7.5	21.9	63.9	183.9
Male	7.5	3.8	*	*	.1	.5	1.5	2.8	8.0	26.2	85.1	259.0
Female	7.7	3.3	*	*	*	.3	.9	2.2	7.0	18.5	51.3	154.9
White	7.2	2.6	*	*	.1	.3	.7	1.7	5.6	18.8	59.0	176.9
Male	7.2	2.9	*	*	*	.3	1.0	1.9	6.1	23.0	79.9	253.0
Female	7.3	2.3	*	*	*	.2	.5	1.5	5.1	15.4	46.5	148.0
All other	9.5	7.2	*	*	*	1.1	3.7	7.6	20.9	48.8	112.3	258.4
Male	9.3	7.5	*	*	*	1.3	4.7	8.9	22.5	55.7	135.8	315.7
Female	9.7	6.9	*	*	*	.9	2.7	6.5	19.7	43.9	98.1	232.3
Black	11.5	8.3	*	*	*	1.4	4.7	9.6	25.0	55.6	123.2	278.0
Male	11.3	8.4	*	*	*	1.7	6.2	11.7	27.0	64.5	151.2	345.6
Female	11.7	8.2	*	*	*	1.1	3.5	7.8	23.5	49.4	107.5	249.4
Infections of kidney (590)	.5	*	*	*	*	*	.1	.2	.4	1.1	4.4	15.4
Male	.3	*	*	*	*	*	*	.2	.4	.9	3.5	13.9
Female	.7	*	*	*	*	*	.1	.2	.5	1.3	4.9	16.0
White	.5	*	*	*	*	*	.1	.2	.4	1.0	4.3	15.5
Male	.3	*	*	*	*	*	*	*	.4	.8	3.3	14.1
Female	.7	*	*	*	*	*	*	.2	.4	1.2	4.8	16.0
All other	.4	*	*	*	*	*	*	*	*	1.9	5.3	14.6
Male	.3	*	*	*	*	*	*	*	*	*	*	*
Female	.5	*	*	*	*	*	*	*	*	1.8	5.3	15.6
Black	.5	*	*	*	*	*	*	*	*	2.0	5.1	15.3
Male	.4	*	*	*	*	*	*	*	*	*	*	*
Female	.5	*	*	*	*	*	*	*	*	*	4.9	16.0
Hyperplasia of prostate (600)	.2	*	*	*	*	*	*	*	*	.3	1.8	6.6
Male	.4	*	*	*	*	*	*	*	*	.7	4.8	23.8
Female	...	...	...	...	...	...	...	...	...	...	...	...
White	.2	*	*	*	*	*	*	*	*	.3	1.7	6.7
Male	.4	*	*	*	*	*	*	*	*	.6	4.6	24.2
Female	...	...	...	...	...	...	...	...	...	...	...	...
All other	.1	*	*	*	*	*	*	*	*	*	2.5	*
Male	.3	*	*	*	*	*	*	*	*	*	6.6	*
Female	...	...	...	...	...	...	...	...	...	...	...	...
Black	.2	*	*	*	*	*	*	*	*	*	2.9	*
Male	.3	*	*	*	*	*	*	*	*	*	7.9	*
Female	...	...	...	...	...	...	...	...	...	...	...	...

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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
Complications of pregnancy, childbirth, and the puerperium (630-676)	0.1	...	...	*	0.3	0.4	0.2	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.3	...	...	*	.6	.7	.4	*	...	...	...	...
White	.1	...	...	*	.2	.2	.1	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.2	...	...	*	.4	.5	.2	*	...	...	...	...
All other	.4	...	...	*	.8	1.0	.6	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.8	...	...	*	1.6	1.9	1.2	*	...	...	...	...
Black	.5	...	...	*	.9	1.3	.7	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	1.0	...	...	*	1.9	2.4	1.4	*	...	...	...	...
Pregnancy with abortive outcome (630-638)	.0	...	...	*	*	.1	*	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.0	...	...	*	*	.1	*	*	...	...	...	...
White	.0	...	...	*	*	*	*	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.0	...	...	*	*	*	*	*	...	...	...	...
All other	.1	...	...	*	*	*	*	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.2	...	...	*	*	*	*	*	...	...	...	...
Black	.1	...	...	*	*	*	*	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.2	...	...	*	*	*	*	*	...	...	...	...
Other complications of pregnancy, childbirth, and the puerperium (640-676)	.1	...	...	*	.2	.3	.2	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.2	...	...	*	.5	.6	.3	*	...	...	...	...
White	.1	...	...	*	.1	.2	.1	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.1	...	...	*	.3	.4	.2	*	...	...	...	...
All other	.3	...	...	*	.6	.8	.5	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.6	...	...	*	1.3	1.5	1.0	*	...	...	...	...
Black	.4	...	...	*	.7	1.0	.6	*	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...
Female	.7	...	...	*	1.5	1.9	1.1	*	...	...	...	...
Congenital anomalies (740-759)	5.3	208.8	6.0	1.3	1.3	1.1	1.2	1.5	2.0	3.0	4.8	8.6
Male	5.8	223.9	6.2	1.4	1.6	1.2	1.4	1.5	2.1	3.2	6.2	12.1
Female	4.7	192.9	5.8	1.3	1.0	.9	1.0	1.4	1.9	2.9	3.9	7.2
White	5.0	205.2	5.8	1.3	1.3	1.1	1.2	1.5	2.0	3.0	4.8	8.7
Male	5.5	221.0	5.8	1.3	1.5	1.3	1.5	1.5	2.1	3.1	6.2	12.4
Female	4.5	188.6	5.8	1.3	1.1	.9	1.0	1.5	1.9	2.9	4.0	7.3
All other	6.5	222.4	7.0	1.4	1.6	1.1	1.1	1.2	1.5	3.3	4.4	*
Male	7.2	235.1	7.9	1.4	2.1	1.1	1.1	1.3	*	4.0	6.3	*
Female	5.7	209.4	6.1	1.3	1.0	1.1	1.2	1.1	1.6	2.7	*	*
Black	7.1	239.8	7.6	1.5	1.8	1.3	1.3	1.3	1.5	3.6	4.3	*
Male	8.1	255.2	8.5	1.6	2.5	1.3	1.4	*	*	4.7	*	*
Female	6.2	223.9	6.8	1.4	1.1	1.2	1.3	*	*	2.8	*	*
Certain conditions originating in the perinatal period (760-779)	7.1	443.0	.9	.1	*	*	*	*	*	*	*	*
Male	8.3	492.3	1.2	*	*	*	*	*	*	*	*	*
Female	6.0	391.5	.6	*	*	*	*	*	*	*	*	*
White	5.0	331.9	.7	.1	*	*	*	*	*	*	*	*
Male	5.9	372.6	.9	*	*	*	*	*	*	*	*	*
Female	4.2	289.0	.5	*	*	*	*	*	*	*	*	*
All other	17.9	867.7	1.8	*	*	*	*	*	*	*	*	*
Male	21.0	955.3	2.4	*	*	*	*	*	*	*	*	*
Female	15.1	777.8	*	*	*	*	*	*	*	*	*	*
Black	22.1	1,048.1	2.1	*	*	*	*	*	*	*	*	*
Male	26.1	1,156.5	2.7	*	*	*	*	*	*	*	*	*
Female	18.6	937.3	*	*	*	*	*	*	*	*	*	*
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	1.6	96.8	.2	*	*	*	*	*	*	*	*	*
Male	1.9	113.1	*	*	*	*	*	*	*	*	*	*
Female	1.2	79.7	*	*	*	*	*	*	*	*	*	*
White	1.2	78.5	.2	*	*	*	*	*	*	*	*	*
Male	1.5	91.1	*	*	*	*	*	*	*	*	*	*
Female	.9	65.2	*	*	*	*	*	*	*	*	*	*
All other	3.4	166.6	*	*	*	*	*	*	*	*	*	*
Male	4.3	198.0	*	*	*	*	*	*	*	*	*	*
Female	2.6	134.4	*	*	*	*	*	*	*	*	*	*
Black	4.2	198.5	*	*	*	*	*	*	*	*	*	*
Male	5.3	236.6	*	*	*	*	*	*	*	*	*	*
Female	3.2	159.6	*	*	*	*	*	*	*	*	*	*
Other conditions originating in the perinatal period (760-766,770-779)	5.5	346.3	.7	*	*	*	*	*	*	*	*	*
Male	6.4	379.2	.9	*	*	*	*	*	*	*	*	*
Female	4.8	311.7	.5	*	*	*	*	*	*	*	*	*
White	3.8	253.4	.5	*	*	*	*	*	*	*	*	*
Male	4.5	281.5	.6	*	*	*	*	*	*	*	*	*
Female	3.2	223.8	*	*	*	*	*	*	*	*	*	*
All other	14.5	701.1	1.6	*	*	*	*	*	*	*	*	*
Male	16.6	757.3	2.2	*	*	*	*	*	*	*	*	*
Female	12.5	643.5	*	*	*	*	*	*	*	*	*	*
Black	17.9	849.5	1.9	*	*	*	*	*	*	*	*	*
Male	20.8	919.9	2.5	*	*	*	*	*	*	*	*	*
Female	15.4	777.6	*	*	*	*	*	*	*	*	*	*

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 *includes category numbers *042-*044; see Technical Appendix*]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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
Symptoms, signs, and ill-defined conditions (780-799)	9.7	162.4	1.8	0.4	1.9	3.9	5.4	5.4	8.1	14.3	33.9	125.6
Male	11.2	193.7	1.9	.4	2.6	5.5	7.8	7.3	11.3	19.2	43.3	128.4
Female	8.3	129.6	1.7	.3	1.2	2.4	3.0	3.6	5.2	10.5	28.4	124.8
White	8.7	133.1	1.4	.3	1.7	3.1	4.1	4.4	7.1	13.3	31.8	122.5
Male	9.7	163.4	1.6	.3	2.2	4.4	5.9	5.7	9.7	17.8	40.8	125.2
Female	7.6	101.1	1.2	.2	1.1	1.8	2.3	3.0	4.7	9.7	28.4	121.5
All other	15.2	274.6	3.4	.7	2.9	7.8	12.4	11.8	14.9	23.1	55.2	160.9
Male	18.8	311.1	3.2	.9	4.1	10.9	19.0	17.9	23.4	31.2	67.6	158.5
Female	11.9	237.1	3.7	*	1.8	5.0	6.6	6.6	8.2	17.4	47.8	162.0
Black	18.1	315.6	4.0	.8	3.4	9.2	15.6	14.7	17.4	26.5	61.3	174.7
Male	22.3	353.6	3.9	1.0	4.6	12.7	24.0	22.6	28.0	36.3	76.5	176.6
Female	14.3	276.8	4.0	*	2.1	6.1	8.3	8.2	9.3	19.7	52.8	174.0
All other diseases (Residual)	69.5	41.9	5.8	2.9	4.7	9.1	18.3	34.3	74.1	176.5	519.9	1,610.5
Male	65.2	47.2	6.5	3.2	5.5	10.9	23.7	42.8	90.1	215.6	624.1	1,735.6
Female	73.6	36.5	5.1	2.7	3.9	7.2	13.1	26.2	59.8	146.1	457.7	1,562.3
White	71.3	36.5	5.3	2.9	4.5	7.2	14.4	28.8	67.6	170.1	516.4	1,619.2
Male	65.5	41.8	6.0	3.2	5.3	8.9	18.6	35.5	81.4	207.3	618.5	1,747.9
Female	77.0	30.9	4.7	2.5	3.5	5.5	10.1	22.3	55.0	140.8	455.4	1,570.3
All other	60.0	62.8	7.8	3.2	5.8	18.0	40.1	68.6	120.4	232.3	554.5	1,518.8
Male	63.6	68.0	8.8	3.2	6.0	21.2	53.7	91.2	157.6	291.2	678.6	1,620.4
Female	56.7	57.4	6.7	3.3	5.5	15.0	28.3	49.3	91.3	190.3	480.1	1,472.7
Black	71.3	72.2	8.7	3.6	6.6	22.2	50.8	85.0	141.0	262.7	601.6	1,586.0
Male	75.6	77.5	9.5	3.6	6.8	26.6	68.1	115.7	185.7	328.9	752.9	1,723.3
Female	67.4	66.8	7.9	3.5	6.5	18.2	35.9	59.5	106.3	216.7	516.8	1,527.9
Accidents and adverse effects (E800-E949)	37.0	23.6	17.3	10.4	43.9	37.0	31.3	29.4	34.3	46.6	100.3	257.1
Male	51.1	25.2	20.8	13.5	65.9	57.9	48.7	43.7	49.8	64.6	134.0	349.8
Female	23.6	21.8	13.7	7.2	20.8	16.1	14.3	15.8	20.4	32.5	80.2	221.3
White	36.9	19.5	15.7	9.8	46.1	36.4	29.6	27.6	32.4	44.7	99.3	259.9
Male	50.3	20.8	18.9	12.6	68.7	56.7	45.5	40.5	46.5	61.4	131.6	353.1
Female	24.0	18.1	12.4	6.8	22.3	15.7	13.7	15.2	19.5	31.6	79.9	224.5
All other	37.6	39.2	23.7	13.0	34.4	39.7	40.4	40.5	47.7	62.5	110.4	227.3
Male	55.5	42.4	28.4	17.1	53.7	63.8	67.2	65.1	75.2	94.0	157.1	319.4
Female	21.3	35.9	18.9	8.9	14.9	17.9	17.1	19.5	26.2	40.1	82.4	185.4
Black	40.7	45.3	25.7	13.9	34.0	43.5	46.0	45.5	52.8	66.4	112.1	227.3
Male	60.7	48.7	30.2	18.4	54.5	70.9	77.4	76.0	85.1	102.8	162.4	312.4
Female	22.8	41.8	21.1	9.4	13.8	19.1	18.9	20.2	27.8	41.1	83.9	191.2
Motor vehicle accidents (E810-E825)	18.8	4.9	6.3	5.9	34.1	23.6	16.9	15.6	15.9	18.6	29.1	31.2
Male	26.7	5.0	6.9	7.0	49.5	35.7	24.7	22.0	21.7	24.2	41.2	64.5
Female	11.3	4.9	5.6	4.7	17.9	11.5	9.2	9.6	10.8	14.1	21.9	18.3
White	19.0	4.7	5.6	5.8	36.5	23.6	16.5	15.0	15.3	18.2	29.4	31.8
Male	26.7	4.8	6.1	6.8	52.5	35.4	23.7	20.7	20.6	23.5	41.1	65.3
Female	11.6	4.7	5.2	4.7	19.5	11.6	9.2	9.4	10.5	14.0	22.4	19.1
All other	17.9	5.7	8.7	6.2	23.8	23.3	19.1	19.8	20.3	21.6	26.9	25.0
Male	26.8	5.5	10.1	8.0	36.3	37.0	30.2	30.7	30.1	31.0	42.9	57.7
Female	9.8	5.9	7.4	4.4	11.3	10.8	9.4	10.4	12.5	14.8	17.2	*
Black	18.2	6.3	8.9	6.4	22.9	24.5	20.6	20.7	21.0	21.7	24.2	20.7
Male	28.1	*	10.1	8.4	36.1	39.5	33.5	34.1	32.5	33.2	40.8	48.3
Female	9.4	7.0	7.7	4.3	9.9	11.1	9.4	9.6	12.2	13.7	15.0	*
All other accidents and adverse effects (E800-E807,E826-E949)	18.2	18.6	11.1	4.5	9.8	13.4	14.4	13.8	18.3	28.0	71.2	225.9
Male	24.4	20.3	13.9	6.4	16.4	22.2	24.0	21.8	28.0	40.4	92.7	285.3
Female	12.3	16.9	8.1	2.5	2.9	4.6	5.0	6.2	9.6	18.4	58.3	202.9
White	17.9	14.7	10.1	4.0	9.7	12.8	13.2	12.7	17.0	26.5	69.9	228.1
Male	23.6	16.0	12.8	5.8	16.2	21.3	21.8	19.8	25.8	37.9	90.5	287.8
Female	12.4	13.5	7.3	2.0	2.7	4.1	4.5	5.7	9.0	17.5	57.5	205.4
All other	19.7	33.5	14.9	6.8	10.5	16.4	21.3	20.8	27.4	41.0	83.6	202.3
Male	28.7	36.9	18.3	9.1	17.4	26.8	37.0	34.5	45.0	63.0	114.3	261.7
Female	11.5	29.9	11.5	4.5	3.5	7.1	7.6	9.1	13.7	25.2	65.2	175.4
Black	22.5	39.0	16.8	7.6	11.1	19.0	25.4	24.8	31.7	44.7	87.8	206.6
Male	32.7	43.1	20.1	10.0	18.4	31.4	43.9	41.9	52.6	69.6	121.6	264.1
Female	13.4	34.8	13.4	5.1	3.9	8.0	9.5	10.6	15.6	27.4	68.9	182.3
Suicide (E950-E959)	12.4	...	...	.8	13.2	15.2	15.3	14.8	16.0	17.9	24.9	22.2
Male	20.4	...	...	1.1	22.0	24.8	23.9	23.2	25.7	32.2	56.1	65.9
Female	4.8	...	...	.4	3.9	5.6	6.8	6.9	7.3	6.7	6.3	5.4
White	13.5	...	...	.8	13.9	15.9	16.4	16.0	17.3	19.1	26.7	23.3
Male	22.0	...	...	1.1	23.2	25.6	25.3	24.8	27.5	34.2	60.2	70.3
Female	5.3	...	...	.4	4.2	6.0	7.4	7.5	8.0	7.2	6.7	5.4
All other	7.0	...	...	.6	9.8	11.8	9.2	7.7	7.0	7.9	6.9	11.1
Male	11.9	...	...	.9	16.8	20.4	15.5	12.8	11.8	14.2	15.3	24.6
Female	2.6	...	...	*	2.7	4.0	3.8	3.4	3.2	3.3	*	*
Black	6.9	...	...	.6	8.7	12.3	10.0	8.5	6.2	7.5	5.6	*
Male	12.0	...	...	.8	15.1	21.9	16.9	14.8	10.8	14.7	14.4	*
Female	2.3	...	...	*	2.3	3.7	4.0	3.2	2.6	2.6	*	*
Homicide and legal intervention (E960-E978)	10.0	8.4	2.6	1.5	19.9	17.7	11.8	7.6	5.0	3.8	4.3	4.6
Male	16.2	8.8	2.7	1.7	32.9	28.3	19.0	12.1	8.1	5.8	5.7	6.8
Female	4.2	8.0	2.4	1.2	6.3	7.2	4.8	3.2	2.3	2.2	3.4	3.8
White	5.8	5.8	1.6	.9	9.9	9.7	7.3	5.4	3.6	2.8	3.2	3.2
Male	9.0	6.4	1.8	1.1	15.4	15.1	11.4	8.3	5.5	4.1	3.9	4.9
Female	2.8	5.1	1.4	.8	4.0	4.3	3.2	2.6	1.8	1.8	2.8	2.5
All other	31.9	18.4	6.3	3.5	62.5	56.6	36.3	20.7	15.0	12.0	15.1	19.6
Male	54.8	18.1	6.6	4.1	109.1	96.5	63.5	37.6	27.8	20.8	23.6	24.6
Female	11.1	18.8	6.1	2.9	15.5	20.3	12.6	6.3	5.1	5.8	10.0	17.3
Black	39.8	22.1	7.4	4.3	78.2	72.5	46.4	25.6	18.0	14.0	17.8	21.6
Male	69.2	21.4	7.6	5.1	138.3	125.4	82.3	47.7	34.0	24.3	29.2	*
Female	13.5	22.8	7.2	3.6	18.9	25.3	15.6	7.3	5.6	6.8	11.3	19.2

Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Rates per 100,000 population in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total [1]	Under 1 year [2]	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 other external causes (E980-E999)	1.0	1.3	0.2	0.2	0.8	1.5	1.6	1.0	0.8	0.7	0.8	1.5
Male	1.4	1.5	.3	.2	1.3	2.3	2.4	1.4	1.2	1.0	1.4	*
Female	.5	1.2	*	*	.3	.7	.8	.7	.5	.4	.5	1.3
White	.9	.7	*	.1	.8	1.4	1.4	1.0	.7	.7	.8	1.3
Male	1.3	*	*	.2	1.2	2.1	2.1	1.2	1.1	1.0	1.4	*
Female	.5	*	*	*	.3	.6	.7	.7	.5	.4	.5	1.0
All other	1.4	3.8	*	*	1.1	2.1	2.2	1.5	1.5	1.1	*	*
Male	2.2	*	*	*	1.9	3.2	3.9	2.5	2.5	*	*	*
Female	.7	*	*	*	*	1.2	.8	*	*	*	*	*
Black	1.6	4.5	*	*	1.1	2.5	2.8	1.9	1.4	*	*	*
Male	2.5	*	*	*	1.9	3.7	4.9	3.1	2.5	*	*	*
Female	.8	*	*	*	*	1.5	1.0	*	*	*	*	*

[1] Figures for age not stated included in "Total" but not distributed among age groups.
[2] Death rates under 1 year (based on population counts or estimates) differ from infant mortality rates (based on live births); see Technical Appendix.

Table 1-11. Death Rates by Place of Occurrence: United States and Each Geographic Division, 1900-1990

[Prior to 1933, data are for death-registration States only. Rates per 1,000 population in each area. Average rates computed from 5-year totals of deaths occurring in the area and corresponding population. Rates are shown for each division from the period when the division as a whole became part of the death-registration area. Data by place of occurrence include deaths of nonresidents of the United States]

Year	Geographic division									
	United States [1]	New England [2]	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
1990	8.7	8.7	9.5	8.8	9.2	9.0	9.7	8.2	7.2	7.3
1989 [3]	8.7	8.8	9.7	8.8	9.2	9.1	9.7	8.2	7.2	7.5
1988 [3]	8.9	9.2	10.0	9.0	9.4	9.2	9.7	8.2	7.3	7.6
1987 [3]	8.8	9.2	9.9	8.9	9.3	9.1	9.5	7.9	7.1	7.6
1986 [3]	8.8	9.3	9.9	8.9	9.3	9.2	9.5	7.9	7.1	7.5
1985 [3]	8.8	9.3	9.8	8.8	9.4	9.1	9.5	8.0	7.0	7.7
1984 [3]	8.7	9.2	9.7	8.7	9.2	8.9	9.2	7.9	7.0	7.6
1983 [3]	8.6	9.2	9.7	8.7	9.3	8.9	9.2	8.0	6.9	7.5
1982 [3]	8.5	9.0	9.5	8.5	9.1	8.8	9.0	8.0	7.0	7.5
1981 [3]	8.6	9.0	9.6	8.6	9.1	9.0	9.1	8.2	7.0	7.6
1980	8.8	9.3	9.9	8.7	9.3	9.0	9.2	8.3	7.2	7.8
1979	8.5	8.9	9.4	8.5	9.1	8.8	8.9	8.2	7.0	7.6
1978	8.7	8.9	9.5	8.6	9.3	8.9	9.1	8.4	7.1	7.7
1977	8.7	8.9	9.5	8.6	9.2	8.8	9.3	8.3	7.1	7.6
1976	8.8	9.2	9.6	8.7	9.4	8.8	9.3	8.5	7.3	7.8
1975	8.8	9.1	9.5	8.7	9.5	8.8	9.4	8.5	7.3	7.9
1974	9.1	9.4	9.8	9.0	9.8	9.1	9.7	8.8	7.5	8.1
1973	9.3	9.6	10.0	9.2	10.0	9.5	10.1	9.1	7.8	8.3
1972 [4]	9.4	9.6	10.1	9.3	10.2	9.6	10.0	9.1	7.8	8.3
1971	9.3	9.6	10.1	9.2	10.0	9.3	10.0	8.9	8.1	8.4
1970	9.5	9.8	10.2	9.3	10.1	9.6	10.1	9.1	8.2	8.4
1969	9.5	10.1	10.2	9.4	10.3	9.5	9.9	9.0	8.2	8.6
1968	9.7	10.4	10.7	9.7	10.3	9.5	9.8	9.1	8.2	8.4
1967	9.4	10.3	10.2	9.5	10.1	9.1	9.4	8.6	7.9	8.3
1966	9.5	10.3	10.3	9.6	10.4	9.3	9.7	8.7	8.0	8.5
1965	9.4	10.5	10.2	9.5	10.2	9.2	9.6	8.6	8.0	8.4
1964	9.4	9.8	10.3	9.5	10.2	9.1	9.5	8.6	8.1	8.5
1963	9.6	10.4	10.5	9.8	10.4	9.3	9.9	8.8	8.1	8.5
1962	9.5	10.5	10.4	9.5	10.2	9.1	9.6	8.7	7.9	8.4
1961	9.3	10.4	10.3	9.3	9.9	8.8	9.3	8.4	7.9	8.4
1960	9.5	10.6	10.4	9.5	10.2	9.2	9.6	8.7	8.2	8.7
1955-59	9.4	10.6	10.4	9.5	10.0	8.9	9.3	8.4	8.2	8.7
1950-54	9.5	10.5	10.3	9.8	10.1	8.8	9.1	8.3	8.7	9.2
1945-49	10.0	11.0	10.9	10.3	10.5	9.1	9.4	8.6	9.7	9.9
1940-44	10.6	11.8	11.5	10.9	10.6	9.9	9.9	9.0	10.4	10.9
1935-39	11.0	11.8	11.2	11.1	10.6	11.1	10.8	9.9	11.3	11.7
1930-34	11.0	11.8	11.3	10.9	10.4	11.4	10.8	---	11.1	11.2
1925-29	11.7	12.4	12.4	11.6	---	---	11.7	---	---	11.6
1920-24	12.0	13.0	12.8	11.5	---	---	---	---	---	12.0
1915-19	14.5	16.0	15.8	---	---	---	---	---	---	---
1910-14	13.8	15.4	15.0	---	---	---	---	---	---	---
1905-09	15.2	16.2	---	---	---	---	---	---	---	---
1900-04	16.2	16.8	---	---	---	---	---	---	---	---

[1] Alaska included in 1959 and Hawaii in 1960.
[2] Figure for 1964 excludes approximately 6,000 deaths reported in Massachusetts; see Technical Appendix.
[3] Rates are revised and, therefore, may differ from those published in Vital Statistics of the United States, 1989 Vol II, Mortality, Part A, and earlier years; see Technical Appendix.
[4] Deaths based on a 50-percent sample.

Table 1-12. Death Rates: United States, Each Division and State, 1981-90

[Rates per 1,000 population in each area]

Division and State	1990	1989 [1]	1988 [1]	1987 [1]	1986 [1]	1985 [1]	1984 [1]	1983 [1]	1982 [1]	1981 [1]
United States	8.6	8.7	8.9	8.8	8.8	8.8	8.6	8.6	8.5	8.6
Geographic divisions:										
New England	8.7	8.8	9.2	9.1	9.2	9.3	9.2	9.1	8.9	9.0
Middle Atlantic	9.6	9.8	10.0	9.9	9.9	9.9	9.8	9.7	9.6	9.7
East North Central	8.9	8.9	9.1	9.0	9.0	8.9	8.8	8.8	8.6	8.7
West North Central	9.1	9.2	9.4	9.3	9.3	9.3	9.1	9.2	9.1	9.1
South Atlantic	9.0	9.1	9.2	9.1	9.1	9.1	8.9	8.9	8.7	8.9
East South Central	9.6	9.6	9.6	9.4	9.4	9.4	9.1	9.1	8.9	9.0
West South Central	8.2	8.2	8.1	7.9	7.9	8.0	7.9	7.9	7.9	8.1
Mountain	7.1	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.9	6.9
Pacific	7.3	7.5	7.6	7.6	7.5	7.6	7.6	7.4	7.5	7.5
New England:										
Maine	9.0	9.2	9.6	9.5	9.6	9.8	9.4	9.5	9.2	9.2
New Hampshire	7.7	7.7	8.1	8.0	8.4	8.5	8.2	8.3	8.0	8.2
Vermont	8.2	8.2	8.5	8.8	8.9	8.8	8.6	8.8	8.7	8.4
Massachusetts	8.8	9.0	9.4	9.4	9.5	9.5	9.5	9.4	9.2	9.2
Rhode Island	9.5	9.5	9.8	9.8	9.9	10.0	9.8	9.7	9.4	9.6
Connecticut	8.4	8.6	8.7	8.7	8.7	8.8	8.8	8.6	8.5	8.6
Middle Atlantic:										
New York	9.4	9.5	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.6
New Jersey	9.1	9.2	9.5	9.4	9.4	9.4	9.2	9.3	9.1	9.1
Pennsylvania	10.3	10.4	10.6	10.6	10.6	10.5	10.3	10.3	10.0	10.1
East North Central:										
Ohio	9.1	9.1	9.3	9.2	9.3	9.2	9.0	9.1	8.8	8.9
Indiana	8.9	8.9	9.1	8.9	9.1	8.8	8.7	8.8	8.5	8.6
Illinois	9.0	9.1	9.2	9.0	9.1	9.0	8.8	9.0	8.8	8.9
Michigan	8.5	8.5	8.7	8.7	8.8	8.7	8.5	8.5	8.3	8.2
Wisconsin	8.7	8.7	8.9	8.8	8.9	8.7	8.7	8.7	8.5	8.6
West North Central:										
Minnesota	7.9	7.9	8.3	8.2	8.3	8.3	8.1	8.2	8.0	8.0
Iowa	9.7	9.8	10.1	9.8	9.7	9.8	9.5	9.6	9.3	9.3
Missouri	9.8	9.9	10.0	10.0	10.0	10.1	9.9	10.0	9.8	9.9
North Dakota	8.9	8.5	8.6	8.3	7.9	8.3	8.2	8.2	8.1	8.3
South Dakota	9.1	9.4	9.4	9.6	9.5	9.5	9.4	9.6	9.5	9.3
Nebraska	9.4	9.4	9.5	9.5	9.3	9.4	9.2	9.3	9.2	9.3
Kansas	9.0	9.0	9.3	9.0	9.2	9.1	9.2	9.1	9.1	9.1
South Atlantic:										
Delaware	8.7	8.9	8.9	8.8	9.0	8.9	8.3	8.3	8.5	8.5
Maryland	8.0	8.1	8.3	8.3	8.3	8.3	8.1	8.1	8.0	8.0
District of Columbia	12.0	12.3	12.2	11.7	11.4	11.0	10.7	10.7	10.6	10.9
Virginia	7.8	7.7	7.9	7.9	8.0	7.9	7.9	7.9	7.6	7.8
West Virginia	10.8	10.8	10.8	10.6	10.6	10.2	10.0	9.9	9.7	9.8
North Carolina	8.6	8.8	8.9	8.6	8.6	8.5	8.3	8.3	8.1	8.3
South Carolina	8.5	8.6	8.6	8.4	8.4	8.2	8.1	8.1	7.8	8.0
Georgia	8.0	8.2	8.2	8.1	8.1	8.2	8.0	8.0	7.8	8.1
Florida	10.4	10.5	10.6	10.6	10.6	10.7	10.4	10.5	10.4	10.7
East South Central:										
Kentucky	9.5	9.6	9.7	9.4	9.4	9.4	9.1	9.3	9.0	9.1
Tennessee	9.5	9.4	9.5	9.4	9.3	9.2	9.0	8.9	8.7	8.8
Alabama	9.7	9.7	9.7	9.4	9.4	9.5	9.2	9.0	8.9	9.0
Mississippi	9.8	9.9	9.6	9.5	9.4	9.5	9.3	9.3	9.1	9.2
West South Central:										
Arkansas	10.5	10.5	10.6	10.4	10.3	10.4	10.2	10.0	9.8	9.8
Louisiana	8.9	8.9	8.8	8.4	8.3	8.4	8.1	8.3	8.2	8.4
Oklahoma	9.7	9.5	9.5	9.1	9.2	9.1	8.9	8.9	9.2	9.2
Texas	7.4	7.4	7.4	7.2	7.2	7.3	7.3	7.3	7.3	7.5
Mountain:										
Montana	8.6	8.4	8.5	8.2	8.3	8.2	8.2	8.2	8.2	8.5
Idaho	7.4	7.5	7.8	7.5	7.5	7.2	7.3	7.4	7.1	7.2
Wyoming	7.1	7.1	7.0	6.4	6.5	6.6	6.3	6.2	6.3	6.4
Colorado	6.6	6.5	6.5	6.5	6.4	6.3	6.4	6.2	6.4	6.5
New Mexico	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.6	6.8	6.5
Arizona	7.9	7.8	7.8	7.8	7.7	7.7	7.8	7.6	7.6	7.6
Utah	5.3	5.4	5.5	5.4	5.4	5.5	5.5	5.3	5.5	5.5
Nevada	7.8	7.6	7.9	7.7	7.6	7.6	7.3	7.1	7.2	6.9
Pacific:										
Washington	7.6	7.6	7.8	7.7	7.7	7.8	7.8	7.6	7.6	7.6
Oregon	8.8	8.9	9.1	9.0	8.7	8.9	8.7	8.5	8.1	8.2
California	7.2	7.4	7.6	7.5	7.5	7.6	7.6	7.4	7.6	7.6
Alaska	4.0	3.8	3.8	3.8	3.8	3.9	3.8	3.9	4.0	4.1
Hawaii	6.1	5.9	5.6	5.8	5.6	5.6	5.5	5.4	5.2	5.1

[1] Rates are revised and, therefore, may differ from those published in Vital Statistics of the United States, Vol II, Mortality, Part A for 1989 and earlier years; see Technical Appendix.

Table 1-13. Deaths and Death Rates by Age: United States, Each Division and State, 1990

[Rates per 100,000 population in specified group in each area]

Division and State	Number							Rate					
	Total	Under 5 years	5-19 years	20-44 years	45-64 years	65 years and over	Not stated	Total [1]	Under 5 years	5-19 years	20-44 years	45-64 years	65 years and over
United States	2,148,463	45,282	24,147	164,675	371,304	1,542,493	562	863.8	241.4	45.6	165.1	804.2	4,963.2
Geographic divisions:													
New England	114,551	1,697	870	6,667	17,724	87,579	14	867.4	180.9	34.0	121.9	715.4	4,971.4
Middle Atlantic	361,270	6,530	2,883	27,914	61,658	262,219	66	960.8	246.5	39.0	187.1	827.5	5,055.7
East North Central	372,874	7,916	3,995	24,280	63,907	272,760	16	887.6	251.6	43.5	147.2	809.0	5,165.5
West North Central	161,089	2,713	1,694	8,437	23,004	125,233	8	912.2	204.3	43.6	124.6	712.1	5,122.5
South Atlantic	392,113	8,712	4,380	32,028	71,926	274,892	175	900.0	278.9	49.7	182.9	864.4	4,738.2
East South Central	145,901	2,919	1,935	10,749	27,093	103,186	19	961.4	269.1	56.4	184.1	933.5	5,373.1
West South Central	218,080	5,027	3,281	18,943	40,277	150,473	79	816.7	232.5	52.4	178.3	856.3	5,106.7
Mountain	97,023	2,489	1,521	8,246	16,526	68,208	33	710.3	220.1	47.7	151.8	690.4	4,497.9
Pacific	285,562	7,279	3,588	27,411	49,189	197,943	152	729.8	227.8	43.5	164.4	724.4	4,690.2
New England:													
Maine	11,106	138	100	543	1,705	8,618	2	904.5	158.2	38.3	112.1	734.0	5,291.6
New Hampshire	8,488	149	75	493	1,366	6,404	1	765.2	173.7	32.7	104.8	684.5	5,142.8
Vermont	4,595	66	48	252	742	3,487	-	816.5	157.2	39.5	109.1	726.0	5,292.4
Massachusetts	53,179	743	386	3,038	8,162	40,845	5	883.9	176.3	33.9	120.1	735.3	5,011.6
Rhode Island	9,576	142	57	519	1,466	7,389	3	954.3	207.3	29.2	128.0	792.7	4,934.3
Connecticut	27,607	459	204	1,822	4,283	20,836	3	839.9	196.6	33.1	135.4	660.6	4,696.7
Middle Atlantic:													
New York	168,936	3,314	1,490	15,858	29,671	118,584	19	939.0	256.5	41.9	218.0	840.7	5,067.4
New Jersey	70,383	1,282	504	5,436	12,121	51,015	25	910.5	234.9	34.0	174.0	779.9	4,977.0
Pennsylvania	121,951	1,934	889	6,620	19,866	92,620	22	1,026.4	238.6	37.6	146.5	839.1	5,085.0
East North Central:													
Ohio	98,822	1,899	968	5,902	17,203	72,847	3	911.0	238.4	41.1	140.4	823.8	5,192.8
Indiana	49,569	995	522	3,023	8,392	36,636	1	894.1	245.9	41.9	140.5	799.2	5,279.4
Illinois	103,006	2,423	1,090	7,415	17,951	74,121	6	901.1	279.7	44.5	162.9	841.7	5,185.4
Michigan	78,744	1,892	963	5,711	14,188	55,985	5	847.1	265.1	46.8	155.0	816.2	5,070.6
Wisconsin	42,733	707	452	2,229	6,173	33,171	1	873.6	193.4	42.0	116.8	693.5	5,102.0
West North Central:													
Minnesota	34,776	583	327	1,919	4,723	27,224	-	794.9	170.8	34.2	109.0	612.9	4,987.3
Iowa	26,884	375	227	1,131	3,354	21,796	1	968.2	191.8	37.0	110.9	641.4	5,120.4
Missouri	50,377	898	552	3,068	8,127	37,727	5	984.5	239.5	50.1	157.6	830.9	5,272.8
North Dakota	5,678	89	70	244	791	4,484	-	888.9	183.5	47.4	101.0	718.2	4,930.8
South Dakota	6,326	138	96	299	846	4,947	-	908.9	249.4	56.3	118.7	692.7	4,844.6
Nebraska	14,769	236	179	674	2,026	11,652	2	935.7	194.8	50.2	113.4	714.4	5,232.9
Kansas	22,279	394	243	1,102	3,137	17,403	-	899.2	206.2	44.4	115.5	708.3	5,088.9
South Atlantic:													
Delaware	5,764	136	61	387	1,084	4,095	1	865.2	272.6	44.7	142.2	850.6	5,100.6
Maryland	38,413	889	431	3,387	7,525	26,151	30	803.4	243.5	45.8	165.5	822.3	5,084.2
District of Columbia	7,313	270	117	1,226	1,566	4,058	76	1,205.0	702.1	113.1	444.7	1,395.4	5,264.4
Virginia	48,013	1,153	574	3,662	9,288	33,323	13	776.0	255.9	45.4	138.1	799.8	5,038.3
West Virginia	19,385	254	187	1,077	3,331	14,536	-	1,080.9	234.1	47.1	164.9	907.1	5,427.3
North Carolina	57,315	1,277	668	4,689	11,285	39,394	2	864.7	272.2	48.5	173.5	881.5	4,923.0
South Carolina	29,715	801	417	2,803	6,209	19,481	4	852.2	304.4	53.0	200.6	962.1	4,943.8
Georgia	51,810	1,615	732	5,265	10,615	33,579	4	799.8	319.0	50.6	194.2	913.7	5,161.7
Florida	134,385	2,317	1,193	9,532	21,023	100,275	45	1,038.7	265.4	50.6	198.6	824.4	4,256.3
East South Central:													
Kentucky	35,078	554	398	2,271	6,384	25,471	-	951.8	217.6	48.2	158.1	907.6	5,477.6
Tennessee	46,315	919	536	3,423	8,685	32,742	10	949.6	270.2	51.4	178.2	907.3	5,314.0
Alabama	39,381	814	576	3,044	7,468	27,476	3	974.6	280.8	63.1	198.1	956.2	5,284.9
Mississippi	25,127	632	425	2,011	4,556	17,497	6	976.5	315.6	65.7	212.6	988.6	5,478.3
West South Central:													
Arkansas	24,652	416	306	1,585	4,164	18,181	-	1,048.7	247.1	57.8	186.8	914.8	5,212.7
Louisiana	37,571	947	648	3,410	7,442	25,122	2	890.3	276.4	62.8	208.7	997.2	5,386.1
Oklahoma	30,378	542	370	1,883	5,025	22,541	17	965.7	234.8	52.2	159.1	838.6	5,329.4
Texas	125,479	3,122	1,957	12,065	23,646	84,629	60	738.7	219.8	49.0	173.4	814.5	4,953.6
Mountain:													
Montana	6,861	127	100	455	991	5,188	-	858.6	210.8	54.1	152.9	660.6	4,885.3
Idaho	7,452	177	128	470	1,121	5,555	1	740.2	217.0	49.1	127.8	636.1	4,594.7
Wyoming	3,203	68	56	263	540	2,276	-	706.1	191.9	49.0	149.2	669.7	4,846.1
Colorado	21,583	550	292	1,912	3,640	15,189	-	655.1	214.0	41.4	134.8	621.6	4,625.7
New Mexico	10,625	293	243	1,110	1,880	7,090	9	701.3	226.7	66.5	188.0	702.3	4,379.2
Arizona	28,789	729	377	2,331	4,844	20,491	17	785.5	242.7	47.1	161.6	749.6	4,304.7
Utah	9,192	320	201	774	1,378	6,516	3	533.5	185.8	38.7	121.5	562.7	4,359.1
Nevada	9,318	225	124	931	2,132	5,903	3	775.3	238.1	52.6	185.2	879.3	4,662.2
Pacific:													
Washington	37,087	747	418	2,825	5,825	27,268	4	762.1	199.7	40.5	140.5	663.5	4,759.5
Oregon	25,136	433	255	1,532	3,812	19,104	-	884.3	210.6	42.4	137.3	718.2	4,901.4
California	214,369	5,781	2,762	22,000	37,684	145,995	147	720.3	233.7	44.1	171.6	739.3	4,691.6
Alaska	2,188	150	78	459	550	951	-	397.8	268.0	59.1	178.2	666.9	4,304.1
Hawaii	6,782	168	75	595	1,318	4,625	1	612.0	196.6	33.0	126.6	653.4	3,738.1

[1] Figures for age not stated included in "Total" but not distributed among age groups.

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990

(Page 1 of 12)

[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	United States	Geographic divisions								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All causes	863.8	867.4	960.8	887.6	912.2	900.0	961.4	816.7	710.3	729.8
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	0.2	0.2	0.2	0.2	0.1	0.2	*	0.1	0.2	0.2
Tuberculosis (010-018)	.7	.3	1.2	.5	.3	.9	1.0	.8	.5	.6
Tuberculosis of respiratory system (010-012)	.6	.2	.9	.4	.3	.7	.8	.6	.3	.5
Other tuberculosis (013-018)	.2	*	.3	.1	*	.2	.2	.2	.2	.1
Whooping cough (033)	*	*	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	.1	*	.1	.0	*	.1	*	.1	*	.1
Septicemia (038)	7.7	9.5	12.4	7.5	6.1	8.4	8.0	8.8	5.2	2.7
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*	*
Measles (055)	.0	*	*	*	*	*	*	*	*	.1
Viral hepatitis (070)	.6	.4	.6	.5	.5	.7	.8	.7	.5	.9
Syphilis (090-097)	.0	*	.1	*	*	.1	*	*	*	*
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044, 046-054,056-066,071-088,098-139)	13.0	8.9	23.1	7.0	6.0	14.7	6.8	12.0	8.0	17.0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	203.2	217.6	229.2	211.4	208.6	215.4	216.8	186.1	162.1	169.1
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.4	3.6	3.6	3.3	3.0	4.0	3.4	3.2	2.4	3.0
Malignant neoplasms of digestive organs and peritoneum (150-159)	48.6	54.8	58.7	51.2	50.1	49.2	48.4	42.7	37.6	40.4
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	58.9	57.6	61.9	59.9	57.3	66.8	70.1	58.6	43.1	48.4
Malignant neoplasm of breast (174-175)	17.6	20.0	21.7	18.7	18.3	17.8	16.6	14.6	14.1	14.5
Malignant neoplasms of genital organs (179-187)	23.1	23.1	26.3	23.9	24.9	25.1	23.4	20.3	20.0	19.1
Malignant neoplasms of urinary organs (188-189)	8.3	10.2	9.7	8.9	8.9	8.4	8.1	7.2	7.0	6.6
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	24.2	28.1	26.1	25.1	24.5	25.1	27.5	21.9	21.5	20.2
Leukemia (204-208)	7.5	7.4	7.8	8.0	8.4	7.3	7.8	7.2	6.6	6.7
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	11.7	12.6	13.4	12.5	13.3	11.7	11.5	10.4	9.9	10.0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2.7	4.0	3.5	2.8	2.7	2.7	2.7	2.0	2.2	2.2
Diabetes mellitus (250)	19.2	19.0	21.3	22.1	18.9	20.2	19.9	21.6	15.4	12.4
Nutritional deficiencies (260-269)	1.2	1.1	1.0	1.5	1.6	1.3	1.3	1.5	1.5	.6
Anemias (280-285)	1.6	1.5	1.9	1.8	1.6	1.8	2.1	1.8	1.3	1.0
Meningitis (320-322)	.4	.3	.5	.4	.3	.4	.3	.5	.4	.4
Major cardiovascular diseases (390-448)	368.3	368.7	422.4	389.3	406.6	377.2	418.0	341.5	272.2	298.9
Diseases of heart (390-398,402,404-429)	289.5	293.0	347.8	307.5	312.4	294.4	326.1	265.3	210.3	227.2
Rheumatic fever and rheumatic heart disease (390-398)	2.4	3.0	3.1	2.5	2.4	2.2	1.8	1.4	3.2	2.5
Hypertensive heart disease (402)	8.5	6.0	9.4	8.1	6.3	10.3	9.9	9.0	6.0	7.7
Hypertensive heart and renal disease (404)	1.0	.7	.9	1.0	.9	1.1	1.4	.9	.5	.9
Ischemic heart disease (410-414)	196.7	194.0	250.3	216.4	217.8	191.8	201.5	176.2	135.8	154.2
Acute myocardial infarction (410)	96.1	88.7	115.1	107.9	108.5	95.6	123.1	96.8	63.5	63.1
Other acute and subacute forms of ischemic heart disease (411)	1.3	.3	1.0	.8	.4	2.6	.5	3.3	1.8	.4
Angina pectoris (413)	.4	.8	.4	.4	.5	.5	.5	.5	.3	.2
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	98.8	104.3	133.8	107.3	108.4	93.1	77.3	75.6	70.2	90.5
Other diseases of endocardium (424)	5.2	6.6	6.1	5.4	6.1	5.2	4.1	3.7	4.4	5.2
All other forms of heart disease (415-423,425-429)	75.8	82.7	78.0	74.0	79.0	83.9	107.4	74.0	60.4	56.9

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	United States	Geographic divisions								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Major cardiovascular diseases-Con.										
Hypertension with or without renal disease (401,403)	3.7	3.4	3.5	3.6	3.9	4.4	4.1	3.9	2.3	3.2
Cerebrovascular diseases (430-438)	57.9	54.0	54.4	59.5	68.2	61.6	70.7	56.6	44.3	53.0
Intracerebral and other intracranial hemorrhage (431-432)	8.3	7.9	8.9	8.5	8.0	9.3	9.5	7.5	6.4	7.3
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	7.3	7.3	8.1	8.4	7.6	8.0	7.6	6.0	4.1	6.6
Cerebral embolism (434.1)	.3	.3	.3	.2	.4	.2	.3	.2	.2	.3
All other and late effects of cerebrovascular diseases (430,433,435-438)	42.1	38.5	37.1	42.4	52.2	44.1	53.3	43.0	33.5	38.8
Atherosclerosis (440)	7.3	7.1	5.8	8.1	10.4	6.6	7.0	7.3	6.9	7.3
Other diseases of arteries, arterioles, and capillaries (441-448)	9.9	11.2	10.8	10.6	11.7	10.2	10.1	8.3	8.4	8.2
Acute bronchitis and bronchiolitis (466)	.3	.2	.2	.3	.3	.3	.3	.3	.2	.2
Pneumonia and influenza (480-487)	32.0	35.4	36.5	31.8	38.5	27.7	33.9	28.2	27.8	31.7
Pneumonia (480-486)	31.1	34.4	36.1	31.0	36.3	27.1	33.1	26.9	26.9	31.1
Influenza (487)	.8	1.0	.4	.8	2.1	.5	.8	1.3	.9	.7
Chronic obstructive pulmonary diseases and allied conditions (490-496)	34.9	34.2	33.2	35.1	39.3	34.9	38.3	31.7	39.0	33.7
Bronchitis, chronic and unspecified (490-491)	1.4	1.5	1.1	1.6	1.6	1.5	1.7	1.3	1.3	1.6
Emphysema (492)	6.3	5.1	5.6	6.9	5.7	6.2	6.0	6.4	7.3	6.8
Asthma (493)	1.9	1.6	2.0	1.8	2.1	1.9	1.9	1.8	2.4	2.1
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	25.2	25.9	24.5	24.8	29.9	25.3	28.7	22.3	28.0	23.2
Ulcer of stomach and duodenum (531-533)	2.5	2.0	2.7	2.5	2.9	2.3	2.5	2.1	2.4	2.7
Appendicitis (540-543)	.2	*	.2	.2	.2	.2	.3	.2	.2	.2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.3	2.7	2.4	2.4	3.0	2.6	2.4	2.3	2.1	1.7
Chronic liver disease and cirrhosis (571)	10.4	10.5	11.2	10.2	7.2	10.7	9.7	9.1	10.3	12.0
Cholelithiasis and other disorders of gallbladder (574-575)	1.2	1.3	1.3	1.2	1.5	1.1	1.8	1.3	1.1	.9
Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.3	10.2	10.2	9.6	8.4	8.3	10.9	7.5	6.7	4.8
Acute glomerulonephritis and nephrotic syndrome (580-581)	.1	.2	.1	.1	*	.1	.1	.1	*	.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	.6	.5	.7	.6	.5	.7	.8	.7	.5	.5
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	7.6	9.6	9.4	8.9	7.8	7.5	10.0	6.7	6.0	4.3
Infections of kidney (590)	.5	.4	.3	.5	.5	.5	.8	.7	.5	.6
Hyperplasia of prostate (600)	.2	.2	.2	.2	.3	.2	.2	.2	*	.2
Complications of pregnancy, childbirth, and the puerperium (630-676)	.1	*	.2	.1	*	.2	.2	.1	*	.2
Pregnancy with abortive outcome (630-638)	.0	*	*	*	*	*	*	*	*	*
Other complications of pregnancy, childbirth, and the puerperium (640-676)	.1	*	.1	.1	*	.2	.1	.1	*	.1
Congenital anomalies (740-759)	5.3	4.1	4.8	5.3	5.2	5.2	5.2	5.9	5.7	5.6
Certain conditions originating in the perinatal period (760-779)	7.1	5.4	7.7	7.7	5.3	8.8	7.3	6.4	5.4	6.3
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	1.6	.9	1.7	1.8	1.1	1.7	1.8	1.6	1.0	1.5
Other conditions originating in the perinatal period (760-766,770-779)	5.5	4.5	6.0	5.9	4.2	7.1	5.5	4.8	4.4	4.9
Symptoms, signs, and ill-defined conditions (780-799)	9.7	8.1	10.6	7.7	11.7	10.8	15.1	9.7	8.0	8.0
All other diseases (Residual)	69.5	76.8	71.0	72.2	77.8	75.3	77.3	65.3	69.0	54.9
Accidents and adverse effects (E800-E949)	37.0	28.1	30.0	34.6	38.2	40.2	51.6	40.5	41.8	35.3
Motor vehicle accidents (E810-E825)	18.8	12.6	13.8	17.0	18.5	21.5	27.5	21.3	22.6	18.4
All other accidents and adverse effects (E800-E807,E826-E949)	18.2	15.5	16.2	17.6	19.7	18.7	24.2	19.2	19.2	16.9
Suicide (E950-E959)	12.4	10.2	9.5	11.3	12.9	13.7	13.2	12.9	18.5	12.9
Homicide and legal intervention (E960-E978)	10.0	4.2	10.4	8.7	4.8	12.4	11.4	14.0	6.5	10.7
All other external causes (E980-E999)	1.0	1.6	.9	1.0	.7	.9	1.0	.7	1.2	1.0

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	New England Division						Middle Atlantic Division		
	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania
All causes	904.5	765.2	816.5	883.9	954.3	839.9	939.0	910.5	1,026.4
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	*	*	*	*	*	*	0.1	0.3	0.3
Tuberculosis (010-018)	*	*	*	0.5	*	*	1.6	.8	.6
Tuberculosis of respiratory system (010-012)	*	*	*	*	*	*	1.2	.7	.5
Other tuberculosis (013-018)	*	*	*	*	*	*	.5	*	*
Whooping cough (033)	*	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	*	*	*	*	*	*	.1	*	*
Septicemia (038)	5.6	4.7	4.6	10.0	10.1	12.6	10.3	14.4	14.5
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*
Measles (055)	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)	*	*	*	.4	*	*	.6	.9	.3
Syphilis (090-097)	*	*	*	*	*	*	*	*	*
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044, 046-054,056-066,071-088,098-139)	5.5	4.5	6.4	9.4	9.3	11.2	32.1	23.9	8.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	227.4	191.3	201.9	223.5	241.9	207.4	213.5	232.0	251.2
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.3	3.1	*	4.0	3.2	3.6	3.6	4.0	3.6
Malignant neoplasms of digestive organs and peritoneum (150-159)	54.9	45.6	45.7	56.9	64.4	52.8	57.0	58.8	61.3
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	67.3	49.2	59.4	57.1	63.9	55.4	57.1	63.3	68.2
Malignant neoplasm of breast (174-175)	18.6	19.7	17.6	21.1	21.3	18.6	20.9	21.4	23.0
Malignant neoplasms of genital organs (179-187)	23.2	20.9	26.5	23.6	23.8	22.3	24.3	26.9	29.1
Malignant neoplasms of urinary organs (188-189)	12.1	9.6	8.2	10.1	11.8	9.9	9.0	9.8	10.7
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	27.6	25.1	21.9	30.1	30.5	26.1	21.5	27.0	32.5
Leukemia (204-208)	8.2	6.3	8.2	7.3	8.3	7.4	7.4	7.4	8.6
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	12.1	11.8	11.2	13.3	14.7	11.5	12.7	13.4	14.4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	4.4	3.2	4.4	4.2	4.1	3.7	3.0	4.2	3.8
Diabetes mellitus (250)	19.9	17.9	19.2	20.4	22.1	15.5	15.8	26.8	26.1
Nutritional deficiencies (260-269)	*	*	*	1.1	*	.8	.5	1.1	1.6
Anemias (280-285)	1.8	*	*	1.6	*	1.4	1.4	2.3	2.3
Meningitis (320-322)	*	*	*	.4	*	*	.6	.4	.3
Major cardiovascular diseases (390-448)	385.7	324.2	329.4	372.3	424.6	360.5	421.5	377.2	453.1
Diseases of heart (390-398,402,404-429)	301.1	251.7	253.4	295.1	342.5	291.9	353.7	306.1	366.1
Rheumatic fever and rheumatic heart disease (390-398)	2.7	2.4	*	3.1	3.0	3.2	2.6	3.3	3.7
Hypertensive heart disease (402)	6.0	5.2	4.8	5.9	7.8	6.2	10.6	9.4	7.6
Hypertensive heart and renal disease (404)	*	*	*	.5	*	.8	.8	1.2	.9
Ischemic heart disease (410-414)	208.1	163.4	162.9	200.1	243.2	178.2	271.2	217.2	240.1
Acute myocardial infarction (410)	99.7	85.3	83.0	92.9	103.8	74.2	108.3	106.4	131.1
Other acute and subacute forms of ischemic heart disease (411)	*	*	*	*	*	*	1.4	.6	.6
Angina pectoris (413)	*	*	*	.5	*	1.3	.3	.4	.6
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	106.4	78.1	78.7	106.5	138.4	102.4	161.2	109.8	107.8
Other diseases of endocardium (424)	7.5	6.4	8.9	6.7	5.9	6.1	4.9	6.9	7.4
All other forms of heart disease (415-423,425-429)	75.8	73.6	73.7	78.7	81.1	97.5	63.6	68.0	106.3

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	New England Division						Middle Atlantic Division		
	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania
Major cardiovascular diseases-Con.									
Hypertension with or without renal disease (401,403)	3.3	2.6	*	3.5	3.9	3.3	4.0	2.8	3.2
Cerebrovascular diseases (430-438)	58.6	50.6	53.5	54.9	55.5	51.7	48.7	51.4	65.0
Intracerebral and other intracranial hemorrhage (431-432)	7.4	7.0	6.8	8.0	9.9	7.9	8.3	8.7	9.9
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	6.3	5.5	4.4	8.3	5.8	7.3	7.2	7.5	10.0
Cerebral embolism (434.1)	*	*	*	.4	*	*	.2	*	.4
All other and late effects of cerebrovascular diseases (430,433,435-438)	44.7	37.7	41.9	38.2	39.4	36.2	33.0	35.1	44.6
Atherosclerosis (440)	9.5	8.0	5.0	6.9	11.2	5.1	5.5	5.8	6.4
Other diseases of arteries, arterioles, and capillaries (441-448)	13.2	11.3	15.1	11.9	11.6	8.5	9.6	11.1	12.5
Acute bronchitis and bronchiolitis (466)	*	*	*	*	*	*	.2	*	.3
Pneumonia and influenza (480-487)	32.9	24.7	36.3	38.5	28.7	36.1	41.2	31.4	32.9
Pneumonia (480-486)	31.1	23.4	35.2	37.7	28.7	34.8	40.8	31.0	32.4
Influenza (487)	1.8	*	*	.7	*	1.3	.3	.4	.5
Chronic obstructive pulmonary diseases and allied conditions (490-496)	45.8	34.3	39.3	33.0	36.0	30.5	31.6	29.8	37.9
Bronchitis, chronic and unspecified (490-491)	2.4	*	*	1.5	*	1.2	1.0	1.3	1.1
Emphysema (492)	5.5	6.2	4.1	5.5	3.4	4.6	5.4	6.1	5.5
Asthma (493)	1.6	*	*	1.9	*	1.3	2.4	1.7	1.7
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	36.2	26.1	31.5	24.1	30.0	23.3	22.8	20.6	29.5
Ulcer of stomach and duodenum (531-533)	1.9	2.5	*	1.9	*	2.0	3.0	2.3	2.5
Appendicitis (540-543)	*	*	*	*	*	*	.2	*	*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	3.4	3.0	*	2.8	2.8	2.3	2.0	2.5	2.9
Chronic liver disease and cirrhosis (571)	8.9	9.9	10.5	11.2	10.1	10.0	11.5	11.8	10.4
Cholelithiasis and other disorders of gallbladder (574-575)	*	*	*	1.2	*	1.5	1.0	1.1	1.6
Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.6	7.8	8.9	11.7	10.5	9.0	9.1	10.1	11.8
Acute glomerulonephritis and nephrotic syndrome (580-581)	*	*	*	*	*	*	.1	*	.2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	*	*	*	.5	*	*	.7	.8	.6
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	7.8	7.6	8.0	11.0	10.0	8.4	8.3	9.2	11.0
Infections of kidney (590)	*	*	*	.4	*	*	.4	.3	.3
Hyperplasia of prostate (600)	*	*	*	*	*	*	.2	*	.2
Complications of pregnancy, childbirth, and the puerperium (630-676)	*	*	*	*	*	*	.2	*	*
Pregnancy with abortive outcome (630-638)	*	*	*	*	*	*	*	*	*
Other complications of pregnancy, childbirth, and the puerperium (640-676)	*	*	*	*	*	*	.2	*	*
Congenital anomalies (740-759)	4.3	4.3	3.9	4.1	5.6	3.7	4.8	4.8	4.9
Certain conditions originating in the perinatal period (760-779)	4.2	4.1	3.9	5.3	5.7	6.6	8.3	7.5	7.0
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	*	*	*	1.0	*	1.1	1.9	2.0	1.3
Other conditions originating in the perinatal period (760-766,770-779)	3.3	3.6	*	4.3	4.8	5.5	6.4	5.5	5.8
Symptoms, signs, and ill-defined conditions (780-799)	6.0	5.3	5.3	7.8	4.5	11.7	11.0	11.3	9.6
All other diseases (Residual)	84.8	72.1	79.1	79.5	83.7	67.9	61.0	71.5	85.8
Accidents and adverse effects (E800-E949)	33.6	29.4	34.5	25.6	27.9	29.0	28.1	27.1	34.7
Motor vehicle accidents (E810-E825)	17.1	14.8	16.0	11.3	10.4	12.7	13.4	12.1	15.5
All other accidents and adverse effects (E800-E807,E826-E949)	16.5	14.6	18.5	14.3	17.5	16.3	14.7	15.0	19.2
Suicide (E950-E959)	12.6	13.4	14.9	8.8	12.7	9.1	8.6	7.3	12.2
Homicide and legal intervention (E960-E978)	2.0	*	*	4.6	5.1	5.2	14.5	6.3	7.0
All other external causes (E980-E999)	*	*	*	2.8	*	*	.9	.5	1.0

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	East North Central Division					West North Central Division						
	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri	North Dakota	South Dakota	Nebraska	Kansas
All causes	911.0	894.1	901.1	847.1	873.6	794.9	968.2	984.5	888.9	908.9	935.7	899.2
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	0.2	*	0.2	*	*	*	*	*	*	*	*	*
Tuberculosis (010-018)	.5	*	.7	0.5	*	*	*	0.7	*	*	*	*
Tuberculosis of respiratory system (010-012)	.4	*	.6	.4	*	*	*	.5	*	*	*	*
Other tuberculosis (013-018)	*	*	.2	*	*	*	*	*	*	*	*	*
Whooping cough (033)	*	*	*	*	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	*	*	*	*	*	*	*	*	*	*	*	*
Septicemia (038)	7.1	8.5	9.3	5.7	6.2	4.1	7.0	7.5	5.0	3.7	5.4	6.9
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*	*	*	*
Measles (055)	*	*	*	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)	.5	.8	.4	.4	*	*	*	.6	*	*	*	*
Syphilis (090-097)	*	*	*	*	*	*	*	*	*	*	*	*
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044, 046-054,056-066,071-088,098-139)	6.5	5.6	9.6	6.2	5.2	6.2	3.6	8.8	3.1	*	4.4	5.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	221.0	210.3	213.8	198.5	210.5	185.6	218.8	226.8	209.6	196.1	209.0	203.3
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.5	2.9	3.7	3.2	2.9	2.8	3.5	2.9	3.3	*	2.8	3.0
Malignant neoplasms of digestive organs and peritoneum (150-159)	51.2	48.6	54.1	47.8	53.7	45.5	54.0	51.0	52.3	53.7	50.6	49.6
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	65.0	64.9	59.0	56.4	51.6	45.4	58.7	69.5	49.5	45.7	56.4	57.5
Malignant neoplasm of breast (174-175)	19.7	17.8	19.2	17.5	19.0	17.1	18.9	19.3	15.7	16.2	19.8	18.3
Malignant neoplasms of genital organs (179-187)	25.0	22.5	24.4	21.5	26.1	22.4	27.7	24.3	35.1	24.9	23.9	25.3
Malignant neoplasms of urinary organs (188-189)	9.5	8.6	8.8	8.2	9.2	8.0	9.6	9.7	8.0	8.9	8.9	8.4
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	26.0	24.7	24.9	24.1	26.1	23.0	22.6	28.7	23.0	23.4	25.2	21.0
Leukemia (204-208)	8.2	7.2	8.1	7.9	8.5	8.6	8.3	8.5	8.3	7.9	7.9	8.2
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	13.0	13.2	11.6	12.0	13.4	12.7	15.6	13.0	14.6	12.9	13.5	12.1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3.4	2.8	2.7	2.0	3.4	2.7	2.8	2.9	*	*	2.5	2.3
Diabetes mellitus (250)	25.3	21.8	19.8	21.7	21.9	15.7	20.7	21.3	24.7	17.2	16.2	18.4
Nutritional deficiencies (260-269)	1.5	1.6	1.6	1.3	1.3	1.5	1.3	1.8	*	*	1.8	1.8
Anemias (280-285)	1.9	1.6	1.8	2.1	1.6	1.6	1.3	1.7	*	*	1.8	1.7
Meningitis (320-322)	.3	*	.4	.4	*	*	*	.5	*	*	*	*
Major cardiovascular diseases (390-448)	400.5	398.0	388.3	373.9	386.7	335.7	449.6	439.8	399.8	430.2	416.7	403.8
Diseases of heart (390-398,402,404-429)	319.6	306.1	308.8	297.2	298.7	246.3	345.2	348.3	305.1	334.8	319.3	309.5
Rheumatic fever and rheumatic heart disease (390-398)	2.8	2.2	2.4	2.4	2.4	2.1	2.4	2.3	*	*	3.2	2.4
Hypertensive heart disease (402)	9.5	5.6	9.5	7.7	5.7	4.0	7.7	8.9	4.1	3.4	5.6	5.1
Hypertensive heart and renal disease (404)	1.3	1.1	1.0	.9	.6	.5	1.5	1.0	*	*	*	.9
Ischemic heart disease (410-414)	223.9	219.0	212.2	209.0	221.0	178.6	235.5	251.2	205.7	240.1	199.5	206.9
Acute myocardial infarction (410)	102.0	106.8	109.0	110.0	115.9	81.7	115.2	125.7	114.6	145.0	97.3	107.9
Other acute and subacute forms of ischemic heart disease (411)	1.0	.4	1.4	.4	.5	*	*	.5	*	*	*	*
Angina pectoris (413)	.5	*	.4	.4	*	.6	*	*	*	*	*	*
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	120.4	111.5	101.4	98.3	104.3	95.9	119.1	124.7	90.0	94.3	101.4	98.3
Other diseases of endocardium (424)	5.7	5.7	5.0	4.9	6.4	6.1	6.8	6.1	4.5	5.7	6.5	5.6
All other forms of heart disease (415-423,425-429)	76.4	72.4	78.7	72.3	62.7	55.1	91.1	78.9	87.7	82.8	103.7	88.6

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	East North Central Division					West North Central Division						
	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri	North Dakota	South Dakota	Nebraska	Kansas
Major cardiovascular diseases-Con.												
Hypertension with or without renal disease (401,403)	3.7	3.4	4.2	2.8	4.1	5.0	3.6	3.9	3.3	3.0	3.5	3.3
Cerebrovascular diseases (430-438)	58.1	66.7	58.7	55.0	64.7	64.8	73.5	67.3	66.7	73.0	68.0	68.9
Intracerebral and other intracranial hemorrhage (431-432)	8.2	8.6	9.0	8.5	7.5	7.4	7.7	9.4	7.8	7.0	6.1	8.0
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	8.3	7.2	8.8	9.4	7.2	6.6	7.3	9.0	7.2	6.9	6.7	8.0
Cerebral embolism (434.1)	.2	*	.2	.2	*	*	*	*	*	*	*	.8
All other and late effects of cerebrovascular diseases (430,433,435-438)	41.4	50.7	40.7	36.8	49.7	50.7	58.0	48.7	50.7	58.9	55.0	52.1
Atherosclerosis (440)	8.1	10.4	6.8	8.7	7.8	8.2	15.2	8.2	15.8	8.2	14.2	9.9
Other diseases of arteries, arterioles, and capillaries (441-448)	11.1	11.4	9.8	10.3	11.4	11.4	12.0	12.0	8.9	11.2	11.7	12.2
Acute bronchitis and bronchiolitis (466)	.4	*	.2	*	.4	*	*	*	*	*	*	*
Pneumonia and influenza (480-487)	28.8	30.0	34.8	30.9	35.4	33.4	44.0	39.8	30.7	36.5	43.3	38.1
Pneumonia (480-486)	27.9	29.4	34.0	30.2	33.9	31.7	40.9	38.2	29.3	34.2	39.8	35.8
Influenza (487)	.9	.6	.8	.7	1.4	1.8	3.1	1.5	*	*	3.5	2.3
Chronic obstructive pulmonary diseases and allied conditions (490-496)	39.0	38.0	33.1	32.4	32.8	32.8	42.6	41.5	34.9	38.9	47.0	38.9
Bronchitis, chronic and unspecified (490-491)	1.9	1.5	1.4	1.4	1.3	1.4	1.7	1.3	*	*	2.2	2.0
Emphysema (492)	6.4	7.2	6.9	7.8	6.1	4.8	5.3	6.0	4.1	10.3	7.0	5.7
Asthma (493)	1.4	1.5	2.2	1.7	2.2	2.3	2.2	1.8	3.6	*	3.0	1.6
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	29.3	27.8	22.5	21.5	23.2	24.3	33.5	32.4	25.7	25.3	34.7	29.7
Ulcer of stomach and duodenum (531-533)	2.3	2.4	2.8	2.5	2.5	2.8	3.5	2.6	*	2.9	3.3	3.1
Appendicitis (540-543)	.2	*	.2	*	*	*	*	*	*	*	*	*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.2	2.2	2.6	2.6	2.4	2.1	4.1	3.0	3.8	*	3.3	3.0
Chronic liver disease and cirrhosis (571)	9.1	7.5	11.8	12.1	8.1	6.7	6.7	8.2	8.1	7.2	5.9	6.9
Cholelithiasis and other disorders of gallbladder (574-575)	1.2	1.3	1.2	1.1	1.3	1.2	1.8	1.8	*	*	1.4	1.1
Nephritis, nephrotic syndrome, and nephrosis (580-589)	9.5	10.7	10.7	8.4	8.3	7.0	6.1	10.0	8.5	8.2	10.6	8.9
Acute glomerulonephritis and nephrotic syndrome (580-581)	*	*	*	*	*	*	*	*	*	*	*	*
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	.8	.5	.5	.6	.6	*	*	.5	*	*	*	*
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	8.6	10.1	10.0	7.6	7.6	6.4	5.3	9.5	8.3	7.6	9.8	8.4
Infections of kidney (590)	.5	.5	.6	.3	*	*	*	.6	*	*	*	*
Hyperplasia of prostate (600)	*	*	*	*	*	*	*	*	*	*	*	*
Complications of pregnancy, childbirth, and the puerperium (630-676)	*	*	*	*	*	*	*	*	*	*	*	*
Pregnancy with abortive outcome (630-638)	*	*	*	*	*	*	*	*	*	*	*	*
Other complications of pregnancy, childbirth, and the puerperium (640-676)	*	*	*	*	*	*	*	*	*	*	*	*
Congenital anomalies (740-759)	5.1	5.0	5.6	5.4	4.9	5.4	4.5	5.3	5.2	5.3	5.5	4.8
Certain conditions originating in the perinatal period (760-779)	7.3	6.8	8.8	9.0	4.6	4.3	4.8	6.3	6.4	4.6	4.7	5.6
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	1.6	1.3	2.0	2.3	1.1	.9	1.2	1.3	*	*	*	.9
Other conditions originating in the perinatal period (760-766,770-779)	5.7	5.5	6.8	6.7	3.6	3.5	3.6	5.0	5.3	*	4.0	4.6
Symptoms, signs, and ill-defined conditions (780-799)	12.7	8.0	7.0	4.4	4.0	16.9	6.2	7.0	12.4	10.8	21.2	12.8
All other diseases (Residual)	71.8	71.9	74.9	66.1	78.4	77.6	84.0	78.6	75.0	70.3	74.3	74.7
Accidents and adverse effects (E800-E949)	33.9	37.1	34.9	34.0	33.8	33.5	37.7	42.4	36.5	47.0	36.5	37.6
Motor vehicle accidents (E810-E825)	15.9	19.6	16.1	18.1	16.5	15.1	17.7	21.1	18.8	23.4	17.9	19.2
All other accidents and adverse effects (E800-E807,E826-E949)	18.0	17.5	18.7	15.9	17.3	18.4	20.0	21.3	17.7	23.6	18.6	18.4
Suicide (E950-E959)	11.0	13.1	10.1	11.5	12.7	12.5	12.1	13.8	11.4	13.1	13.9	12.0
Homicide and legal intervention (E960-E978)	6.2	6.0	11.7	11.7	4.7	3.2	1.9	9.4	*	*	2.6	4.6
All other external causes (E980-E999)	.7	1.2	1.2	1.3	.6	.8	*	.7	*	*	1.6	*

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	South Atlantic Division								
	Delaware	Maryland	District of Columbia	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida
All causes	865.2	803.4	1,205.0	776.0	1,080.9	864.7	852.2	799.8	1,038.7
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	*	*	*	*	*	*	*	*	0.2
Tuberculosis (010-018)	*	0.5	*	0.4	*	0.9	1.1	1.0	1.1
Tuberculosis of respiratory system (010-012)	*	*	*	*	*	.7	.9	.7	.9
Other tuberculosis (013-018)	*	*	*	*	*	*	*	*	*
Whooping cough (033)	*	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	*	*	*	*	*	*	*	*	*
Septicemia (038)	9.2	12.0	24.4	10.4	8.4	7.8	8.0	8.9	5.6
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*
Measles (055)	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)	*	.6	*	*	*	.8	*	.7	.9
Syphilis (090-097)	*	*	*	*	*	*	*	*	*
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044, 046-054,056-066,071-088,098-139)	10.5	14.4	75.3	8.5	5.6	8.3	9.7	15.1	20.8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	225.3	205.6	254.9	187.9	245.8	199.6	194.8	170.3	261.7
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	5.0	4.0	6.4	3.1	3.7	3.7	4.1	3.0	5.1
Malignant neoplasms of digestive organs and peritoneum (150-159)	50.7	49.0	70.7	41.9	54.2	43.8	44.0	36.9	61.2
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	70.1	62.0	62.9	56.3	81.6	61.4	60.5	54.2	82.3
Malignant neoplasm of breast (174-175)	21.8	17.3	24.1	16.9	17.8	16.3	16.2	13.7	21.0
Malignant neoplasms of genital organs (179-187)	23.6	21.2	29.2	21.3	24.6	24.8	25.6	19.3	31.2
Malignant neoplasms of urinary organs (188-189)	8.3	8.3	10.7	7.0	9.1	7.2	6.8	6.2	11.1
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	25.4	26.9	29.3	24.4	33.2	23.9	21.7	22.1	26.5
Leukemia (204-208)	7.7	6.3	7.1	6.5	8.8	7.3	6.0	6.1	8.8
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	12.9	10.7	14.5	10.6	12.7	11.1	9.9	8.6	14.5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3.2	2.7	3.8	2.4	4.3	1.7	2.3	3.1	2.9
Diabetes mellitus (250)	28.8	21.1	32.3	14.4	27.2	19.8	20.8	15.5	22.9
Nutritional deficiencies (260-269)	*	1.0	*	1.4	1.4	1.3	1.3	1.4	1.2
Anemias (280-285)	*	2.1	*	1.5	2.3	1.7	1.7	1.5	1.9
Meningitis (320-322)	*	*	*	.5	*	.4	*	.5	.4
Major cardiovascular diseases (390-448)	351.9	313.5	396.3	322.9	487.1	366.2	357.7	329.7	446.6
Diseases of heart (390-398,402,404-429)	284.3	248.9	310.9	248.9	395.8	280.1	267.7	252.2	354.3
Rheumatic fever and rheumatic heart disease (390-398)	*	1.8	*	1.4	2.8	2.1	1.9	1.2	3.2
Hypertensive heart disease (402)	11.0	12.1	37.9	6.0	10.2	9.0	8.9	8.5	12.3
Hypertensive heart and renal disease (404)	*	1.1	*	.9	1.2	1.1	1.2	1.0	1.2
Ischemic heart disease (410-414)	167.7	130.2	118.8	150.6	252.4	192.4	175.0	149.9	255.6
Acute myocardial infarction (410)	94.9	76.4	54.9	74.2	132.9	103.5	102.6	87.8	107.7
Other acute and subacute forms of ischemic heart disease (411)	*	.7	*	9.9	*	.8	6.2	1.4	.9
Angina pectoris (413)	*	.5	*	.6	*	.5	.7	.5	.4
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	71.8	52.6	63.3	65.8	118.1	87.6	65.4	60.2	146.7
Other diseases of endocardium (424)	5.3	3.6	4.9	4.2	6.5	5.0	4.0	4.1	6.9
All other forms of heart disease (415-423,425-429)	97.1	100.1	146.0	85.8	122.8	70.4	76.7	87.4	75.2

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	South Atlantic Division								
	Delaware	Maryland	District of Columbia	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida
Major cardiovascular diseases-Con.									
Hypertension with or without renal disease (401,403)	3.0	3.8	6.9	2.9	3.8	4.2	5.8	4.2	5.3
Cerebrovascular diseases (430-438)	48.6	46.6	61.6	56.9	65.9	67.3	69.5	59.0	65.7
Intracerebral and other intracranial hemorrhage (431-432)	6.5	8.5	14.3	7.9	9.3	9.2	10.3	8.7	10.3
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	6.8	4.7	5.9	6.9	8.0	7.4	9.7	6.9	10.2
Cerebral embolism (434.1)	*	*	*	*	*	.3	*	*	.3
All other and late effects of cerebrovascular diseases (430,433,435-438)	35.3	33.3	41.2	41.9	48.4	50.3	49.4	43.1	44.9
Atherosclerosis (440)	4.8	4.4	9.4	5.8	8.6	5.0	4.7	6.6	8.7
Other diseases of arteries, arterioles, and capillaries (441-448)	11.1	9.7	7.4	8.4	12.9	9.7	9.9	7.7	12.7
Acute bronchitis and bronchiolitis (466)	*	*	*	*	*	.3	*	*	.3
Pneumonia and influenza (480-487)	24.9	24.8	34.4	27.9	39.7	29.3	23.4	27.7	27.0
Pneumonia (480-486)	24.6	24.5	34.1	27.3	38.8	28.5	23.0	27.0	26.7
Influenza (487)	*	*	*	.6	*	.8	*	.8	.3
Chronic obstructive pulmonary diseases and allied conditions (490-496)	33.6	29.4	25.9	29.2	50.9	30.9	29.9	29.5	43.9
Bronchitis, chronic and unspecified (490-491)	*	1.2	*	1.2	3.3	1.7	1.3	1.2	1.8
Emphysema (492)	6.0	4.8	4.4	4.7	8.3	5.0	5.1	5.4	8.7
Asthma (493)	*	1.7	3.3	1.9	2.0	2.1	2.0	1.8	1.7
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	25.2	21.7	17.5	21.4	37.4	22.1	21.4	21.1	31.8
Ulcer of stomach and duodenum (531-533)	*	1.7	3.8	1.5	2.6	2.8	2.2	1.9	2.9
Appendicitis (540-543)	*	*	*	*	*	*	*	*	*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	*	2.9	3.6	2.0	2.9	2.4	2.4	2.9	2.6
Chronic liver disease and cirrhosis (571)	11.0	8.4	31.6	8.0	10.0	10.9	10.3	8.7	13.1
Cholelithiasis and other disorders of gallbladder (574-575)	*	.7	*	.8	*	1.3	1.1	1.1	1.3
Nephritis, nephrotic syndrome, and nephrosis (580-589)	11.4	9.7	16.8	7.9	10.9	8.6	7.7	9.1	6.6
Acute glomerulonephritis and nephrotic syndrome (580-581)	*	*	*	*	*	*	*	*	.2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	*	.5	*	.5	*	.9	1.0	.5	.7
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	10.4	9.0	15.5	7.3	10.3	7.5	6.5	8.6	5.7
Infections of kidney (590)	*	*	*	*	*	.5	.6	.6	.5
Hyperplasia of prostate (600)	*	*	*	*	*	*	*	*	.2
Complications of pregnancy, childbirth, and the puerperium (630-676)	*	*	*	*	*	.4	*	.3	.2
Pregnancy with abortive outcome (630-638)	*	*	*	*	*	*	*	*	*
Other complications of pregnancy, childbirth, and the puerperium (640-676)	*	*	*	*	*	*	*	*	.2
Congenital anomalies (740-759)	4.7	4.6	4.8	4.7	6.0	5.0	5.6	6.1	5.2
Certain conditions originating in the perinatal period (760-779)	9.5	8.5	27.8	8.5	4.6	9.1	10.5	10.9	7.2
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	*	1.5	6.1	1.0	1.1	1.7	2.2	2.9	1.3
Other conditions originating in the perinatal period (760-766,770-779)	8.6	7.0	21.7	7.6	3.5	7.4	8.3	8.1	5.8
Symptoms, signs, and ill-defined conditions (780-799)	4.5	14.4	46.5	8.3	9.5	6.3	8.0	10.0	12.8
All other diseases (Residual)	70.3	69.4	102.5	67.2	90.8	77.6	77.7	69.9	79.0
Accidents and adverse effects (E800-E949)	36.5	29.7	32.8	35.5	47.1	44.0	47.8	44.4	40.0
Motor vehicle accidents (E810-E825)	21.3	14.7	11.7	17.1	26.3	22.1	27.0	25.5	22.3
All other accidents and adverse effects (E800-E807,E826-E949)	15.2	15.0	21.1	18.3	20.7	21.8	20.8	18.9	17.7
Suicide (E950-E959)	12.0	10.2	6.1	12.9	12.2	14.0	12.4	13.6	16.1
Homicide and legal intervention (E960-E978)	5.9	12.7	66.4	9.4	6.4	11.6	12.4	13.0	12.4
All other external causes (E980-E999)	*	1.3	3.8	.7	1.1	.5	.7	1.3	.9

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	East South Central Division				West South Central Division			
	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma	Texas
All causes	951.8	949.6	974.6	976.5	1,048.7	890.3	965.7	738.7
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	*	*	*	*	*	*	*	*
Tuberculosis (010-018)	0.7	0.9	1.3	1.5	0.9	0.9	0.9	0.8
Tuberculosis of respiratory system (010-012)	.5	.7	1.0	1.0	*	.7	.7	.5
Other tuberculosis (013-018)	*	*	*	*	*	*	*	.2
Whooping cough (033)	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*
Meningococcal infection (036)	*	*	*	*	*	*	*	*
Septicemia (038)	9.4	5.8	8.9	8.8	10.5	12.3	9.3	7.6
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*
Measles (055)	*	*	*	*	*	*	*	*
Viral hepatitis (070)	*	.9	.8	.9	*	1.0	.7	.6
Syphilis (090-097)	*	*	*	*	*	*	*	*
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044, 046-054,056-066,071-088,098-139)	5.0	7.4	7.4	7.2	6.0	11.2	6.4	14.0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	228.6	215.1	214.3	206.9	242.6	206.0	211.6	168.6
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.2	3.3	3.4	3.8	3.4	3.5	3.1	3.1
Malignant neoplasms of digestive organs and peritoneum (150-159)	51.1	48.6	46.8	47.1	54.3	46.8	46.3	39.3
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	78.4	71.6	64.4	64.1	80.0	66.2	67.2	52.2
Malignant neoplasm of breast (174-175)	17.3	17.0	16.5	14.7	16.7	17.0	16.3	13.4
Malignant neoplasms of genital organs (179-187)	23.3	23.1	23.2	24.6	28.4	21.7	23.2	18.3
Malignant neoplasms of urinary organs (188-189)	9.1	8.1	7.3	7.7	9.7	7.8	8.5	6.5
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	27.5	22.7	33.0	27.7	26.7	25.1	25.8	19.8
Leukemia (204-208)	7.9	8.0	7.7	7.6	9.2	7.3	8.7	6.6
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	11.0	12.8	11.9	9.6	14.3	10.6	12.5	9.4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2.8	2.1	3.2	2.9	1.9	2.5	2.5	1.7
Diabetes mellitus (250)	21.7	18.7	21.5	17.1	22.0	28.8	16.1	20.7
Nutritional deficiencies (260-269)	1.1	1.0	1.4	2.1	2.0	1.6	1.6	1.3
Anemias (280-285)	1.8	1.9	2.9	1.8	1.7	2.6	1.5	1.6
Meningitis (320-322)	*	.5	*	*	*	.6	*	.5
Major cardiovascular diseases (390-448)	409.7	412.9	413.7	446.4	452.3	371.3	441.5	300.3
Diseases of heart (390-398,402,404-429)	322.4	317.8	319.1	358.3	339.9	294.4	345.9	232.9
Rheumatic fever and rheumatic heart disease (390-398)	2.0	2.3	1.3	1.6	2.0	1.4	1.7	1.3
Hypertensive heart disease (402)	5.6	11.3	10.4	12.7	6.9	14.4	4.9	8.7
Hypertensive heart and renal disease (404)	.9	1.8	1.2	1.6	.9	1.4	.9	.8
Ischemic heart disease (410-414)	217.1	217.4	175.9	189.0	240.8	186.5	240.6	152.8
Acute myocardial infarction (410)	134.3	123.3	111.5	124.8	160.5	107.5	113.7	82.1
Other acute and subacute forms of ischemic heart disease (411)	*	.5	.7	*	*	1.8	21.7	.6
Angina pectoris (413)	.5	.5	.5	*	*	.6	.7	.5
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	82.0	93.2	63.2	62.9	79.5	76.6	104.5	69.5
Other diseases of endocardium (424)	4.0	4.4	4.6	3.1	4.8	3.6	3.9	3.6
All other forms of heart disease (415-423,425-429)	92.9	80.6	125.8	150.3	84.6	87.0	94.1	65.7

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	East South Central Division				West South Central Division			
	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma	Texas
Major cardiovascular diseases-Con.								
Hypertension with or without renal disease (401,403)	4.2	3.6	5.4	3.1	4.9	3.7	3.1	4.0
Cerebrovascular diseases (430-438)	65.9	73.6	71.7	70.6	88.3	56.8	69.8	49.8
Intracerebral and other intracranial hemorrhage (431-432)	8.7	9.2	10.4	9.7	10.3	7.4	7.3	7.1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	7.9	7.7	7.2	7.8	10.0	6.0	6.1	5.4
Cerebral embolism (434.1)	*	*	*	*	*	*	*	.1
All other and late effects of cerebrovascular diseases (430,433,435-438)	49.2	56.3	53.8	52.8	67.7	43.2	56.3	37.1
Atherosclerosis (440)	6.2	8.3	7.0	5.5	6.9	7.6	12.0	6.5
Other diseases of arteries, arterioles, and capillaries (441-448)	11.0	9.7	10.5	8.9	12.3	8.9	10.7	7.1
Acute bronchitis and bronchiolitis (466)	*	*	*	*	*	*	*	.2
Pneumonia and influenza (480-487)	36.7	34.8	30.3	33.8	38.5	24.0	41.0	25.4
Pneumonia (480-486)	36.1	34.0	29.6	32.6	37.6	23.1	40.0	23.9
Influenza (487)	.7	.8	.6	1.3	.9	.9	1.0	1.5
Chronic obstructive pulmonary diseases and allied conditions (490-496)	42.2	38.2	37.5	34.2	42.2	29.0	42.6	29.0
Bronchitis, chronic and unspecified (490-491)	2.2	1.6	1.4	1.4	1.9	1.2	1.1	1.2
Emphysema (492)	6.8	6.0	6.1	4.9	8.6	5.3	7.7	6.2
Asthma (493)	2.0	2.1	1.5	1.9	1.9	2.5	2.1	1.5
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	31.2	28.4	28.5	26.0	29.8	20.0	31.7	20.1
Ulcer of stomach and duodenum (531-533)	2.3	2.3	2.5	3.0	2.2	1.5	2.5	2.2
Appendicitis (540-543)	*	*	*	*	*	*	*	.2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.1	2.6	2.3	2.6	2.9	2.6	2.4	2.2
Chronic liver disease and cirrhosis (571)	8.6	10.5	10.7	8.2	8.7	8.6	7.9	9.4
Cholelithiasis and other disorders of gallbladder (574-575)	2.2	1.9	1.6	1.4	2.1	1.2	1.1	1.2
Nephritis, nephrotic syndrome, and nephrosis (580-589)	11.6	8.4	12.1	12.8	12.3	10.8	12.0	5.2
Acute glomerulonephritis and nephrotic syndrome (580-581)	*	*	*	*	*	*	*	*
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	.6	.9	.5	1.0	1.0	.9	.8	.5
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	10.9	7.3	11.4	11.5	11.1	9.8	11.1	4.6
Infections of kidney (590)	.7	.6	.9	1.1	*	.7	1.0	.7
Hyperplasia of prostate (600)	*	*	*	*	*	*	*	.1
Complications of pregnancy, childbirth, and the puerperium (630-676)	*	*	*	*	*	*	*	.1
Pregnancy with abortive outcome (630-638)	*	*	*	*	*	*	*	*
Other complications of pregnancy, childbirth, and the puerperium (640-676)	*	*	*	*	*	*	*	*
Congenital anomalies (740-759)	5.5	5.1	4.6	6.1	5.3	6.3	5.2	6.0
Certain conditions originating in the perinatal period (760-779)	4.6	7.4	8.6	9.2	5.6	8.6	5.0	6.2
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	1.0	1.4	2.4	3.0	2.0	2.1	1.0	1.6
Other conditions originating in the perinatal period (760-766,770-779)	3.5	6.0	6.1	6.2	3.6	6.5	3.9	4.7
Symptoms, signs, and ill-defined conditions (780-799)	6.9	17.9	22.0	10.5	27.1	8.4	14.7	6.8
All other diseases (Residual)	77.4	77.8	80.0	71.7	83.6	70.6	71.8	60.2
Accidents and adverse effects (E800-E949)	45.9	47.6	57.5	58.0	50.4	45.7	42.9	37.5
Motor vehicle accidents (E810-E825)	23.3	24.8	30.7	33.3	26.9	23.2	22.8	19.8
All other accidents and adverse effects (E800-E807,E826-E949)	22.7	22.8	26.8	24.7	23.4	22.5	20.1	17.7
Suicide (E950-E959)	14.9	13.4	12.7	11.2	12.5	13.2	12.5	13.0
Homicide and legal intervention (E960-E978)	6.6	11.5	13.6	14.7	11.0	18.1	9.0	14.4
All other external causes (E980-E999)	1.0	1.1	1.0	*	*	.8	*	.8

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Mountain Division								Pacific Division				
	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California	Alaska	Hawaii
All causes	858.6	740.2	706.1	655.1	701.3	785.5	533.5	775.3	762.1	884.3	720.3	397.8	612.0
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	*	*	*	*	*	*	*	*	*	*	0.2	*	*
Tuberculosis (010-018)	*	*	*	*	*	0.7	*	*	*	*	.7	*	*
Tuberculosis of respiratory system (010-012)	*	*	*	*	*	*	*	*	*	*	.5	*	*
Other tuberculosis (013-018)	*	*	*	*	*	*	*	*	*	*	.2	*	*
Whooping cough (033)	*	*	*	*	*	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	*	*	*	*	*	*	*	*	*	*	.2	*	*
Septicemia (038)	6.6	4.6	*	4.6	5.3	5.8	3.8	7.4	4.8	4.0	2.2	*	6.0
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*	*	*	*	*
Measles (055)	*	*	*	*	*	*	*	*	*	*	.1	*	*
Viral hepatitis (070)	*	*	*	*	*	.9	*	*	.9	1.2	.9	*	*
Syphilis (090-097)	*	*	*	*	*	*	*	*	*	*	*	*	*
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044, 046-054,056-066,071-088,098-139)	2.6	3.0	*	12.1	6.9	9.1	5.1	8.7	9.4	8.7	19.6	4.2	8.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	202.9	172.6	161.2	149.8	149.5	186.5	102.4	187.0	185.0	212.9	164.6	85.4	149.3
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.0	3.1	*	2.3	2.9	2.3	*	2.8	2.8	3.4	3.0	*	4.2
Malignant neoplasms of digestive organs and peritoneum (150-159)	45.3	38.1	38.4	37.1	35.8	41.9	23.2	42.4	43.2	45.7	39.6	20.2	48.1
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	54.2	42.0	42.5	37.7	38.0	53.7	18.6	61.1	56.5	65.9	46.2	27.3	37.4
Malignant neoplasm of breast (174-175)	18.3	16.0	14.8	13.8	12.1	15.5	10.0	14.2	15.3	16.6	14.5	6.4	10.7
Malignant neoplasms of genital organs (179-187)	24.8	24.9	18.5	20.2	17.0	21.1	17.6	16.6	21.5	24.5	18.6	6.5	14.8
Malignant neoplasms of urinary organs (188-189)	9.5	7.0	5.3	6.1	7.0	8.5	4.3	7.5	7.3	8.9	6.4	4.5	4.4
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	25.7	22.2	24.3	17.3	20.0	24.9	16.0	28.1	20.0	24.9	20.1	11.3	17.1
Leukemia (204-208)	9.0	7.3	5.5	6.3	7.1	7.3	5.0	4.8	6.6	9.0	6.7	*	4.8
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	13.1	12.0	9.5	9.0	9.5	11.2	6.7	9.4	11.9	13.9	9.6	4.5	7.9
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	*	2.3	*	1.4	3.2	2.4	2.4	1.7	1.8	2.7	2.3	*	*
Diabetes mellitus (250)	19.4	17.0	14.6	12.3	21.1	15.1	16.7	12.7	15.8	16.7	11.3	9.3	15.2
Nutritional deficiencies (260-269)	*	*	*	1.9	1.8	1.0	1.2	1.8	1.1	1.3	.5	*	*
Anemias (280-285)	*	2.1	*	1.0	1.6	1.3	*	*	1.0	1.3	.9	*	*
Meningitis (320-322)	*	*	*	*	*	.6	*	*	.4	*	.4	*	*
Major cardiovascular diseases (390-448)	331.0	293.7	276.5	246.8	251.5	305.5	209.4	297.7	309.3	361.4	296.7	106.7	247.5
Diseases of heart (390-398,402,404-429)	247.7	219.7	214.3	186.5	198.2	240.3	159.0	238.3	230.9	267.4	227.0	80.7	186.6
Rheumatic fever and rheumatic heart disease (390-398)	3.3	3.3	*	4.0	2.8	2.5	3.4	3.2	2.6	3.0	2.4	*	2.5
Hypertensive heart disease (402)	5.1	3.4	*	4.6	7.2	3.6	5.4	20.1	5.8	6.7	8.3	*	5.3
Hypertensive heart and renal disease (404)	*	*	*	.6	*	*	*	*	.9	1.0	.9	*	*
Ischemic heart disease (410-414)	160.1	155.2	132.5	132.0	103.0	172.2	91.1	110.1	144.7	193.3	155.9	58.4	98.7
Acute myocardial infarction (410)	87.5	85.9	65.3	65.6	50.1	68.8	45.4	49.2	67.3	77.2	62.4	22.7	46.1
Other acute and subacute forms of ischemic heart disease (411)	*	*	*	*	*	5.7	*	*	*	*	.5	*	*
Angina pectoris (413)	*	*	*	*	*	*	*	*	*	*	.2	*	*
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	72.0	68.8	66.6	65.5	52.0	97.5	45.3	60.2	76.7	115.3	92.8	35.3	52.3
Other diseases of endocardium (424)	6.9	5.8	4.6	4.2	3.0	4.2	3.7	4.9	6.2	8.5	4.8	*	3.9
All other forms of heart disease (415-423,425-429)	71.8	51.4	69.0	41.1	81.4	57.5	55.1	99.6	70.7	54.9	54.8	18.0	75.8

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1990—Con.

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[Rates per 100,000 population in each area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Mountain Division								Pacific Division				
	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California	Alaska	Hawaii
Major cardiovascular diseases-Con.													
Hypertension with or without renal disease (401,403)	*	2.6	*	2.8	2.0	2.6	*	2.4	3.6	4.1	3.2	*	2.0
Cerebrovascular diseases (430-438)	61.7	54.4	46.5	40.2	36.6	47.3	39.2	42.7	56.0	66.2	52.0	18.7	47.8
Intracerebral and other intracranial hemorrhage (431-432)	7.5	5.1	5.7	5.9	5.9	7.0	5.7	8.4	7.0	7.4	7.2	*	12.5
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	6.0	5.2	*	3.7	2.6	4.7	4.1	4.0	4.7	9.0	6.8	*	4.2
Cerebral embolism (434.1)	*	*	*	*	*	*	*	*	*	*	.3	*	*
All other and late effects of cerebrovascular diseases (430,433,435-438)	47.9	43.9	37.5	30.2	27.9	35.4	29.1	30.3	44.0	49.3	37.7	13.6	31.1
Atherosclerosis (440)	8.4	6.8	5.5	8.3	7.3	7.0	4.5	5.3	9.0	11.2	6.9	*	2.1
Other diseases of arteries, arterioles, and capillaries (441-448)	10.9	10.2	7.3	9.0	7.4	8.2	5.9	9.0	9.7	12.5	7.6	4.0	9.0
Acute bronchitis and bronchiolitis (466)	*	*	*	*	*	*	*	*	*	*	.3	*	*
Pneumonia and influenza (480-487)	29.8	31.0	27.8	28.4	23.0	32.3	23.2	21.7	28.9	34.6	32.6	8.7	26.2
Pneumonia (480-486)	28.0	28.7	26.0	27.7	22.2	31.7	22.1	21.1	27.6	33.2	32.0	8.7	25.8
Influenza (487)	*	2.3	*	.7	*	.6	*	*	1.3	1.4	.5	*	*
Chronic obstructive pulmonary diseases and allied conditions (490-496)	48.7	37.7	44.1	39.5	35.2	43.5	20.8	47.9	39.9	45.1	32.4	16.4	19.6
Bronchitis, chronic and unspecified (490-491)	*	*	*	1.4	1.4	1.1	1.3	*	1.4	2.1	1.6	*	*
Emphysema (492)	7.3	6.8	5.7	7.2	7.3	9.5	3.8	6.9	7.2	9.1	6.8	*	2.3
Asthma (493)	3.4	*	*	2.3	2.9	2.7	1.7	1.8	2.4	3.2	1.9	*	3.3
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	36.2	27.8	35.3	28.5	23.6	30.2	13.9	38.0	28.9	30.7	22.1	12.0	13.1
Ulcer of stomach and duodenum (531-533)	2.8	3.1	*	3.2	1.7	1.6	2.7	2.3	2.4	3.4	2.7	*	*
Appendicitis (540-543)	*	*	*	*	*	*	*	*	*	*	.2	*	*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.9	2.2	*	2.4	2.2	1.6	2.6	2.0	2.1	2.4	1.6	*	*
Chronic liver disease and cirrhosis (571)	10.6	5.1	8.6	9.0	15.3	11.7	6.1	14.1	8.5	9.4	13.1	8.4	6.8
Cholelithiasis and other disorders of gallbladder (574-575)	*	*	*	1.3	1.6	.8	*	*	.8	1.2	.9	*	*
Nephritis, nephrotic syndrome, and nephrosis (580-589)	6.0	5.5	5.7	3.7	7.2	8.1	6.4	11.8	3.6	4.6	5.1	*	4.9
Acute glomerulonephritis and nephrotic syndrome (580-581)	*	*	*	*	*	*	*	*	*	*	.1	*	*
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	*	*	*	.6	*	*	*	*	.6	*	.5	*	*
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	5.3	4.2	5.3	3.1	6.7	7.7	5.3	11.5	2.9	4.2	4.5	*	4.3
Infections of kidney (590)	*	*	*	.6	*	.5	*	*	.5	.8	.7	*	*
Hyperplasia of prostate (600)	*	*	*	*	*	*	*	*	*	*	.2	*	*
Complications of pregnancy, childbirth, and the puerperium (630-676)	*	*	*	*	*	*	*	*	*	*	.2	*	*
Pregnancy with abortive outcome (630-638)	*	*	*	*	*	*	*	*	*	*	*	*	*
Other complications of pregnancy, childbirth, and the puerperium (640-676)	*	*	*	*	*	*	*	*	*	*	.2	*	*
Congenital anomalies (740-759)	5.0	5.7	5.7	5.2	5.9	6.3	7.1	4.1	5.1	4.7	5.8	7.1	4.2
Certain conditions originating in the perinatal period (760-779)	4.0	4.4	*	5.6	6.5	6.4	3.9	5.3	4.0	4.0	7.0	6.0	5.9
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	*	*	*	.9	2.2	.8	*	*	.8	1.0	1.6	*	*
Other conditions originating in the perinatal period (760-766,770-779)	2.8	3.7	*	4.7	4.3	5.5	3.3	4.2	3.2	3.1	5.3	3.8	4.6
Symptoms, signs, and ill-defined conditions (780-799)	14.0	10.2	9.5	5.6	8.8	6.9	8.5	9.3	7.3	20.7	6.7	9.6	11.5
All other diseases (Residual)	86.0	64.2	62.8	61.5	68.4	63.4	54.4	55.4	69.8	80.5	50.5	32.0	52.9
Accidents and adverse effects (E800-E949)	49.8	47.4	44.8	34.2	52.7	44.4	32.7	42.7	36.7	40.2	34.2	71.4	29.0
Motor vehicle accidents (E810-E825)	25.7	24.8	21.8	17.4	30.0	24.4	16.9	26.6	18.7	19.7	18.3	18.2	16.2
All other accidents and adverse effects (E800-E807,E826-E949)	24.2	22.5	22.9	16.8	22.6	20.1	15.7	16.1	18.0	20.5	15.9	53.3	12.8
Suicide (E950-E959)	20.9	19.1	17.9	16.8	18.7	18.7	15.3	24.5	13.9	15.8	12.5	12.7	11.3
Homicide and legal intervention (E960-E978)	4.5	2.6	4.9	4.7	9.2	8.6	3.4	11.4	5.2	3.8	12.6	5.6	3.6
All other external causes (E980-E999)	*	*	*	1.4	*	.7	1.6	*	2.4	1.5	.7	*	*

Table 1-15. Maternal Deaths and Maternal Mortality Rates for Selected Causes, by 5-Year Age Groups and Race: United States, 1990

[Beginning in 1989, race for live births is tabulated according to race of mother; see Technical Appendix.
Maternal deaths are those assigned to Complications of pregnancy, childbirth, and the puerperium, category numbers 630-676 of the Ninth Revision International Classification of Diseases, 1975. Rates per 100,000 live births in specified group]

Cause of death and race	Number of deaths								Rate per 100,000 live births							
	Total	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45 years and over	Total	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45 years and over [1]
Complications of pregnancy, childbirth, and the puerperium (630-676)	343	40	67	76	84	52	21	3	8.2	7.5	6.1	6.0	9.5	16.4	43.2	*
White	177	19	33	50	37	28	9	1	5.4	*	3.9	4.8	5.0	10.7	*	*
All other	166	21	34	26	47	24	12	2	19.1	12.1	13.3	11.5	32.0	43.0	*	*
Black	153	19	32	25	44	20	11	2	22.4	*	14.7	14.9	44.2	56.2	*	*
Pregnancy with abortive outcome (630-638)	57	8	11	8	18	9	2	1	1.4	*	*	*	*	*	*	*
White	23	4	4	4	6	5	–	–	.7	*	*	*	*	*	*	*
All other	34	4	7	4	12	4	2	1	3.9	*	*	*	*	*	*	*
Black	33	4	7	3	12	4	2	1	4.8	*	*	*	*	*	*	*
Ectopic pregnancy (633)	41	4	8	7	13	6	2	1	1.0	*	*	*	*	*	*	*
White	14	1	2	3	4	4	–	–	*	*	*	*	*	*	*	*
All other	27	3	6	4	9	2	2	1	3.1	*	*	*	*	*	*	*
Black	26	3	6	3	9	2	2	1	3.8	*	*	*	*	*	*	*
Spontaneous abortion (634)	6	2	2	–	1	1	–	–	*	*	*	*	*	*	*	*
White	4	2	1	–	–	1	–	–	*	*	*	*	*	*	*	*
All other	2	–	1	–	1	–	–	–	*	*	*	*	*	*	*	*
Black	2	–	1	–	1	–	–	–	*	*	*	*	*	*	*	*
Legally induced abortion (635)	1	1	–	–	–	–	–	–	*	*	*	*	*	*	*	*
White	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*
All other	1	1	–	–	–	–	–	–	*	*	*	*	*	*	*	*
Black	1	1	–	–	–	–	–	–	*	*	*	*	*	*	*	*
Illegally induced abortion (636)	1	–	–	–	1	–	–	–	*	*	*	*	*	*	*	*
White	1	–	–	–	1	–	–	–	*	*	*	*	*	*	*	*
All other	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*
Black	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*
Other pregnancy with abortive outcome (630-632,637-638)	8	1	1	1	3	2	–	–	*	*	*	*	*	*	*	*
White	4	1	1	1	1	–	–	–	*	*	*	*	*	*	*	*
All other	4	–	–	–	2	2	–	–	*	*	*	*	*	*	*	*
Black	4	–	–	–	2	2	–	–	*	*	*	*	*	*	*	*
Direct obstetric causes (640-646,651-676)	265	31	54	62	57	41	18	2	6.4	5.8	4.9	4.9	6.4	12.9	*	*
White	140	14	27	42	26	22	8	1	4.3	*	3.2	4.0	3.5	8.4	*	*
All other	125	17	27	20	31	19	10	1	14.4	*	10.5	8.9	21.1	*	*	*
Black	113	15	25	20	28	15	9	1	16.5	*	11.5	11.9	28.1	*	*	*
Hemorrhage of pregnancy and childbirth (640-641,666)	44	4	7	13	12	5	3	–	1.1	*	*	*	*	*	*	*
White	26	2	4	9	5	3	3	–	.8	*	*	*	*	*	*	*
All other	18	2	3	4	7	2	–	–	*	*	*	*	*	*	*	*
Black	17	2	3	4	6	2	–	–	*	*	*	*	*	*	*	*
Toxemia of pregnancy (642.4-642.9,643)	64	11	17	11	15	7	3	–	1.5	*	*	*	*	*	*	*
White	34	5	7	7	10	3	2	–	1.0	*	*	*	*	*	*	*
All other	30	6	10	4	5	4	1	–	3.5	*	*	*	*	*	*	*
Black	27	5	9	4	5	3	1	–	3.9	*	*	*	*	*	*	*
Obstructed labor (660)	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*
White	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*
All other	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*
Black	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*
Complications of the puerperium (670-676)	99	13	19	23	16	18	9	1	2.4	*	*	1.8	*	*	*	*
White	51	7	10	15	6	11	2	–	1.6	*	*	*	*	*	*	*
All other	48	6	9	8	10	7	7	1	5.5	*	*	*	*	*	*	*
Black	43	5	8	8	9	5	7	1	6.3	*	*	*	*	*	*	*
Other direct obstetric causes (642.0-642.3,644-646,651-659, 661-665,667-669)	58	3	11	15	14	11	3	1	1.4	*	*	*	*	*	*	*
White	29	–	6	11	5	5	1	1	.9	*	*	*	*	*	*	*
All other	29	3	5	4	9	6	2	–	3.3	*	*	*	*	*	*	*
Black	26	3	5	4	8	5	1	–	3.8	*	*	*	*	*	*	*
Indirect obstetric causes (647-648)	21	1	2	6	9	2	1	–	.5	*	*	*	*	*	*	*
White	14	1	2	4	5	1	1	–	*	*	*	*	*	*	*	*
All other	7	–	–	2	4	1	–	–	*	*	*	*	*	*	*	*
Black	7	–	–	2	4	1	–	–	*	*	*	*	*	*	*	*
Delivery in a completely normal case (650)	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*
White	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*
All other	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*
Black	–	–	–	–	–	–	–	–	*	*	*	*	*	*	*	*

[1] Rates computed by relating deaths of women 45 years and over to live births among women 45-49 years.

Table 1-16. Maternal Mortality Rates by Race: Birth-Registration States or United States, 1915-90

[Beginning in 1989, race for live births is tabulated according to race of mother; see Technical Appendix. Prior to 1933, data are for birth-registration States only. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix. Rates per 100,000 live births in specified group. Deaths are classified according to the International Classification of Diseases in use at the time]

Year	All races	White	All other	
			Total	Black
Race of mother [1]				
1990	8.2	5.4	19.1	22.4
1989	7.9	5.6	16.5	18.4
Race of child [2]				
1990	8.2	5.5	17.8	21.1
1989	7.9	5.7	15.4	17.5
1988	8.4	5.9	17.4	19.5
1987	6.6	5.1	12.0	14.2
1986	7.2	4.9	16.0	18.8
1985	7.8	5.2	18.1	20.4
1984	7.8	5.4	16.9	19.7
1983	8.0	5.9	16.3	18.3
1982	7.9	5.8	16.4	18.2
1981	8.5	6.3	17.3	20.4
1980	9.2	6.7	19.8	21.5
1979	9.6	6.4	22.7	25.1
1978	9.6	6.4	23.0	25.0
1977	11.2	7.7	26.0	29.2
1976	12.3	9.0	26.5	29.5
1975	12.8	9.1	29.0	31.3
1974	14.6	10.0	35.1	38.3
1973	15.2	10.7	34.6	38.4
1972 [3]	18.8	14.3	38.5	40.7
1971	18.8	13.0	45.3	48.3
1970	21.5	14.4	55.9	59.8
1969	22.2	15.5	55.7	59.5
1968	24.5	16.6	63.6	65.9
1967	28.0	19.5	69.5	72.6
1966	29.1	20.2	72.4	74.2
1965	31.6	21.0	83.7	88.3
1964	33.3	22.3	89.9	93.8
1963 [4]	35.8	24.0	96.9	101.1
Race of child-Con.				
1962 [4]	35.2	23.8	95.9	99.4
1961	36.9	24.9	101.3	105.4
1960	37.1	26.0	97.9	103.6
1959	37.4	25.8	102.1	105.0
1958	37.6	26.3	101.8	104.5
1957	41.0	27.5	118.3	121.6
1956	40.9	28.7	110.7	114.3
1955	47.0	32.8	130.3	134.3
1954	52.4	37.2	143.8	145.9
1953	61.1	44.1	166.1	168.3
1952	67.8	48.9	188.1	189.2
1951	75.0	54.9	201.3	204.2
1950	83.3	61.1	221.6	223.0
1949	90.3	68.1	234.8	237.6
1948	116.6	89.4	301.0	303.6
1947	134.5	108.6	334.6	336.2
1946	156.7	130.7	358.9	363.6
1945	207.2	172.1	454.8	456.7
1944	227.9	189.4	506.0	513.9
1943	245.2	210.5	509.9	512.8
1942	258.7	221.8	544.0	549.1
1941	316.5	266.0	678.1	690.2
1940	376.0	319.8	773.5	781.7
1935-39	493.9	439.9	875.5	884.1
1930-34 [5]	636.0	575.4	1,080.7	1,047.4
1925-29	668.6	615.0	1,163.7	1,217.3
1920-24	689.5	649.2	1,134.3	---
1915-19	727.9	700.3	1,253.5	---

[1] Maternal deaths based on race of decedent; live births based on race of mother; see Technical Appendix.
[2] Maternal deaths based on race of decedent; live births based on race of child; see Technical Appendix.
[3] Deaths based on a 50-percent sample.
[4] Figures by race exclude data for residents of New Jersey; see Technical Appendix.
[5] For 1932-34, Mexicans are included with "All other."

Table 1-17. Maternal Deaths by Race: United States, Each Division and State, 1990

[Maternal deaths are those assigned to Complications of pregnancy, childbirth, and the puerperium, category numbers 630-676 of the Ninth Revision International Classification of Diseases, 1975]

Division and State	All races	White	All other	
			Total	Black
United States	343	177	166	153
Geographic divisions:				
New England	7	4	3	3
Middle Atlantic	59	25	34	34
East North Central	43	23	20	20
West North Central	13	10	3	3
South Atlantic	85	31	54	53
East South Central	24	10	14	14
West South Central	32	18	14	14
Mountain	18	12	6	3
Pacific	62	44	18	9
New England:				
Maine	-	-	-	-
New Hampshire	-	-	-	-
Vermont	1	1	-	-
Massachusetts	2	1	1	1
Rhode Island	1	-	1	1
Connecticut	3	2	1	1
Middle Atlantic:				
New York	41	17	24	24
New Jersey	6	3	3	3
Pennsylvania	12	5	7	7
East North Central:				
Ohio	13	8	5	5
Indiana	2	1	1	1
Illinois	14	7	7	7
Michigan	10	5	5	5
Wisconsin	4	2	2	2
West North Central:				
Minnesota	2	2	-	-
Iowa	2	2	-	-
Missouri	4	3	1	1
North Dakota	-	-	-	-
South Dakota	-	-	-	-
Nebraska	-	-	-	-
Kansas	5	3	2	2

Division and State	All races	White	All other	
			Total	Black
South Atlantic:				
Delaware	-	-	-	-
Maryland	3	2	1	1
District of Columbia	3	-	3	3
Virginia	4	3	1	1
West Virginia	2	2	-	-
North Carolina	24	10	14	14
South Carolina	6	1	5	5
Georgia	21	4	17	16
Florida	22	9	13	13
East South Central:				
Kentucky	2	2	-	-
Tennessee	6	3	3	3
Alabama	10	5	5	5
Mississippi	6	-	6	6
West South Central:				
Arkansas	1	1	-	-
Louisiana	8	2	6	6
Oklahoma	2	2	-	-
Texas	21	13	8	8
Mountain:				
Montana	-	-	-	-
Idaho	1	1	-	-
Wyoming	-	-	-	-
Colorado	7	6	1	1
New Mexico	5	2	3	1
Arizona	3	1	2	1
Utah	2	2	-	-
Nevada	-	-	-	-
Pacific:				
Washington	4	4	-	-
Oregon	2	2	-	-
California	55	38	17	9
Alaska	-	-	-	-
Hawaii	1	-	1	-

Table 1-18. Deaths and Death Rates for the 50 Largest Metropolitan Areas in the United States and Their Component Counties: 1990

(Page 1 of 2)

[Metropolitan Statistical Areas (MSAs) and Primary Metropolitan Statistical Areas (PMSAs) are those defined by the Office of Management and Budget as of June 30, 1990, except for New England where areas are New England County Metropolitan Areas (NECMAs). For further discussion of metropolitan areas, see Technical Appendix]

Area	Number	Rate
50 Largest U.S. Metropolitan Areas	913,392	8.0
Anaheim-Santa Ana, CA, PMSA	14,717	6.1
Orange	14,717	6.1
Atlanta, GA, MSA	18,360	6.5
Barrow	240	8.1
Butts	127	8.3
Cherokee	445	4.9
Clayton	932	5.1
Cobb	2,078	4.6
Coweta	459	8.5
De Kalb	3,556	6.5
Douglas	439	6.2
Fayette	279	4.5
Forsyth	281	6.4
Fulton	5,965	9.2
Gwinnett	1,396	4.0
Henry	392	6.7
Newton	362	8.7
Paulding	239	5.6
Rockdale	338	6.2
Spalding	508	9.3
Walton	330	8.6
Baltimore, MD, MSA	21,682	9.1
Anne Arundel	2,793	6.5
Baltimore	6,250	9.0
Baltimore city	9,568	13.0
Carroll	883	7.2
Harford	1,060	5.8
Howard	801	4.3
Queen Anne's	327	9.6
Bergen-Passaic, NJ, PMSA	11,814	9.2
Bergen	7,655	9.3
Passaic	4,159	9.2
Boston-Lawrence-Salem-Lowell-Brockton, MA, NECMA	32,416	8.6
Essex	6,047	9.0
Middlesex	11,251	8.0
Norfolk	5,457	8.9
Plymouth	3,395	7.8
Suffolk	6,266	9.4
Charlotte-Gastonia-Rock Hill, NC-SC, MSA	9,285	8.0
Cabarrus, NC	868	8.8
Gaston, NC	1,589	9.1
Lincoln, NC	389	7.7
Mecklenburg, NC	3,628	7.1
Rowan, NC	1,102	10.0
Union, NC	646	7.7
York, SC	1,063	8.1
Chicago, IL, PMSA	54,097	8.9
Cook	48,363	9.5
Du Page	4,564	5.8
McHenry	1,170	6.4
Cincinnati, OH-KY-IN, PMSA	12,742	8.8
Dearborn, IN	318	8.2
Boone, KY	379	6.6
Campbell, KY	813	9.7
Kenton, KY	1,279	9.0
Clermont, OH	964	6.4
Hamilton, OH	8,222	9.5
Warren, OH	767	6.7
Cleveland, OH, PMSA	18,439	10.1
Cuyahoga	15,449	10.9
Geauga	537	6.6
Lake	1,650	7.7
Medina	803	6.6
Columbus, OH, MSA	10,496	7.6
Delaware	426	6.4
Fairfield	833	8.1
Franklin	7,219	7.5
Licking	1,052	8.2
Madison	301	8.1
Pickaway	378	7.8
Union	287	9.0
Dallas, TX, PMSA	16,035	6.3
Collin	1,057	4.0
Dallas	12,567	6.8
Denton	1,078	3.9
Ellis	696	8.2
Kaufman	495	9.5
Rockwall	142	5.5
Denver, CO, PMSA	10,375	6.4
Adams	1,565	5.9
Arapahoe	1,832	4.7
Denver	4,405	9.4
Douglas	144	2.4
Jefferson	2,429	5.5
Detroit, MI, PMSA	38,435	8.8
Lapeer	500	6.7
Livingston	707	6.1
Macomb	5,730	8.0
Monroe	1,012	7.6
Oakland	7,707	7.1
St. Clair	1,303	8.9
Wayne	21,476	10.2
Fort Lauderdale-Hollywood-Pompano Beach, FL, PMSA	14,417	11.5
Broward	14,417	11.5
Fort Worth-Arlington, TX, PMSA	9,131	6.9
Johnson	887	9.1
Parker	543	8.4
Tarrant	7,701	6.6
Hartford-New Britain-Middletown, CT, NECMA	9,157	8.1
Hartford	7,257	8.5
Middlesex	1,160	8.1
Tolland	740	5.7
Houston, TX, PMSA	20,361	6.2
Fort Bend	837	3.7
Harris	17,610	6.2
Liberty	516	9.8
Montgomery	1,211	6.6
Waller	187	8.0
Indianapolis, IN, MSA	10,382	8.3
Boone	354	9.3
Hamilton	584	5.4
Hancock	358	7.9
Hendricks	525	6.9
Johnson	747	8.5
Marion	7,037	8.8
Morgan	413	7.4
Shelby	364	9.0
Kansas City, MO-KS, MSA	12,768	8.2
Johnson, KS	1,905	5.4
Leavenworth, KS	481	7.5
Miami, KS	218	9.3
Wyandotte, KS	1,623	10.0
Cass, MO	490	7.7
Clay, MO	1,084	7.1
Jackson, MO	6,065	9.6
Lafayette, MO	373	12.0
Platte, MO	329	5.7
Ray, MO	200	9.1
Los Angeles-Long Beach, CA, PMSA	62,744	7.1
Los Angeles	62,744	7.1
Memphis, TN-AR-MS, MSA	8,594	8.8
Crittenden, AR	445	8.9
De Soto, MS	430	6.3
Shelby, TN	7,422	9.0
Tipton, TN	297	7.9
Miami-Hialeah, FL, PMSA	18,213	9.4
Dade	18,213	9.4
Middlesex-Somerset-Hunterdon, NJ, PMSA	7,391	7.2
Hunterdon	678	6.3
Middlesex	5,130	7.6
Somerset	1,583	6.6
Milwaukee, WI, PMSA	12,355	8.6
Milwaukee	9,294	9.7
Ozaukee	498	6.8
Washington	652	6.8
Waukesha	1,911	6.3
Minneapolis-St. Paul, MN-WI, MSA	16,314	6.6
Anoka, MN	972	4.0
Carver, MN	274	5.7
Chisago, MN	245	8.0
Dakota, MN	1,226	4.5
Hennepin, MN	7,680	7.4
Isanti, MN	196	7.6
Ramsey, MN	3,920	8.1
Scott, MN	282	4.9
Washington, MN	718	4.9
Wright, MN	426	6.2
St. Croix, WI	375	7.5

Table 1-18. Deaths and Death Rates for the 50 Largest Metropolitan Areas in the United States and Their Component Counties: 1990—Con.

(Page 2 of 2)

[Metropolitan Statistical Areas (MSAs) and Primary Metropolitan Statistical Areas (PMSAs) are those defined by the Office of Management and Budget as of June 30, 1990, except for New England where areas are New England County Metropolitan Areas (NECMAs). For further discussion of metropolitan areas, see Technical Appendix]

Area	Number	Rate
Monmouth-Ocean, NJ, PMSA	10,606	10.8
Monmouth	4,999	9.0
Ocean	5,607	12.9
Nashville, TN, MSA	8,020	8.1
Cheatham	214	7.9
Davidson	4,619	9.0
Dickson	356	10.2
Robertson	425	10.2
Rutherford	755	6.4
Sumner	711	6.9
Williamson	464	5.7
Wilson	476	7.0
Nassau-Suffolk, NY, PMSA	21,913	8.4
Nassau	11,238	8.7
Suffolk	10,675	8.1
New Orleans, LA, MSA	11,382	9.2
Jefferson	3,549	7.9
Orleans	5,712	11.5
St. Bernard	579	8.7
St. Charles	251	5.9
St. John the Baptist	251	6.3
St. Tammany	1,040	7.2
New York, NY, PMSA	84,540	9.9
New York city	74,082	10.1
Bronx	13,073	10.9
Kings	22,756	9.9
New York	15,992	10.8
Queens	18,985	9.7
Richmond	3,274	8.6
Putnam	514	6.1
Rockland	1,978	7.5
Westchester	7,966	9.1
Newark, NJ, PMSA	16,794	9.2
Essex	8,229	10.6
Morris	2,928	6.9
Sussex	862	6.6
Union	4,775	9.7
Norfolk-Virginia Beach-Newport News, VA, MSA	9,947	7.1
Chesapeake city	1,073	7.1
Gloucester	249	8.3
Hampton city	984	7.4
James city	205	5.9
Newport News city	1,289	7.6
Norfolk city	2,299	8.8
Poquoson city	75	6.8
Portsmouth city	1,093	10.5
Suffolk city	545	10.5
Virginia Beach city	1,794	4.6
Williamsburg city	105	9.1
York	236	5.6
Oakland, CA, PMSA	15,368	7.4
Alameda	9,697	7.6
Contra Costa	5,671	7.1
Orlando, FL, MSA	7,527	7.0
Orange	4,762	7.0
Osceola	877	8.1
Seminole	1,888	6.6
Philadelphia, PA-NJ, PMSA	46,643	9.6
Burlington, NJ	2,884	7.3
Camden, NJ	4,479	8.9
Gloucester, NJ	1,786	7.8
Bucks, PA	4,030	7.4
Chester, PA	2,578	6.8
Delaware, PA	5,511	10.1
Montgomery, PA	5,913	8.7
Philadelphia, PA	19,462	12.3
Phoenix, AZ, MSA	15,932	7.5
Maricopa	15,932	7.5
Pittsburgh, PA, PMSA	23,393	11.4
Allegheny	15,363	11.5
Fayette	1,753	12.1
Washington	2,293	11.2
Westmoreland	3,984	10.8
Portland, OR, PMSA	10,403	8.4
Clackamas	2,096	7.5
Multnomah	5,748	9.8
Washington	2,021	6.5
Yamhill	538	8.2
Riverside-San Bernardino, CA, PMSA	19,072	7.4
Riverside	9,547	8.2
San Bernardino	9,525	6.7
Rochester, NY, MSA	8,048	8.0
Livingston	453	7.3
Monroe	5,706	8.0
Ontario	855	9.0
Orleans	331	7.9
Wayne	703	7.9
Sacramento, CA, MSA	10,893	7.4
El Dorado	938	7.4
Placer	1,331	7.7
Sacramento	7,685	7.4
Yolo	939	6.7
St. Louis, MO-IL, MSA	22,621	9.3
Clinton, IL	277	8.2
Jersey, IL	218	10.6
Madison, IL	2,441	9.8
Monroe, IL	230	10.3
St. Clair, IL	2,662	10.1
Franklin, MO	713	8.8
Jefferson, MO	1,135	6.6
St. Charles, MO	1,086	5.1
St. Louis, MO	8,314	8.4
St. Louis city, MO	5,545	14.0
Salt Lake City-Ogden, UT, MSA	5,624	5.2
Davis	671	3.6
Salt Lake	3,872	5.3
Weber	1,081	6.8
San Antonio, TX, MSA	9,209	7.1
Bexar	8,251	7.0
Comal	459	8.9
Guadalupe	499	7.7
San Diego, CA, MSA	17,102	6.8
San Diego	17,102	6.8
San Francisco, CA, PMSA	14,726	9.2
Marin	1,706	7.4
San Francisco	8,180	11.3
San Mateo	4,840	7.5
San Jose, CA, PMSA	8,262	5.5
Santa Clara	8,262	5.5
Seattle, WA, PMSA	13,667	6.9
King	10,807	7.2
Snohomish	2,860	6.1
Tampa-St. Petersburg-Clearwater, FL, MSA	24,972	12.1
Hernando	1,393	13.8
Hillsborough	7,145	8.6
Pasco	4,268	15.2
Pinellas	12,166	14.3
Washington, DC-MD-VA, MSA	25,080	6.4
District of Columbia	7,313	12.0
Calvert, MD	302	5.9
Charles, MD	556	5.5
Frederick MD	1,041	6.9
Montgomery, MD	4,571	6.0
Prince George's, MD	4,317	5.9
Alexandria city, VA	867	7.8
Arlington, VA	1,160	6.8
Fairfax, VA	3,116	3.8
Fairfax city, VA	172	8.8
Falls Church city, VA	77	8.0
Loudoun, VA	422	4.9
Manassas city, VA	145	5.2
Manassas Park city, VA	20	3.0
Prince William, VA	713	3.3
Stafford, VA	288	4.7

Table 1-19. Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1990

(Page 1 of 3)

[Data by place of residence exclude deaths occurring in the United States to nonresidents; however, data by place of occurrence include deaths of nonresidents. Unit of residence is defined as the county or county equivalent of which decedent was a resident]

State of occurrence	All deaths occurring in State	Deaths of residents of county of occurrence	Total deaths of non-residents of county of occurrence	Deaths of intrastate nonresidents of county of occurrence	Deaths of interstate nonresidents by State of residence													
					Total	Ala.	Alaska	Ariz.	Ark.	Calif.	Colo.	Conn.	Del.	D.C.	Fla.	Ga.	Hawaii	Idaho
United States	2,151,890	1,744,840	407,050	327,076	76,547	1,595	141	1,039	1,507	2,512	544	957	408	700	5,048	1,636	91	614
Alabama	39,067	30,403	8,664	7,383	1,264	...	-	4	8	10	2	1	-	1	289	325	-	-
Alaska	2,216	1,698	518	349	145	-	...	3	1	35	3	1	-	-	14	1	1	1
Arizona	29,434	25,792	3,642	1,958	1,510	4	6	...	13	316	64	4	1	-	34	3	2	33
Arkansas	24,569	17,996	6,573	5,149	1,421	7	-	6	...	18	3	4	1	-	14	3	-	4
California	214,918	192,931	21,987	18,926	2,526	14	17	269	14	...	56	27	3	3	124	16	50	28
Colorado	21,963	16,457	5,506	4,582	889	5	2	37	7	68	...	7	-	-	29	9	1	9
Connecticut	27,705	23,904	3,801	2,746	1,036	1	-	4	1	4	1	...	1	5	141	4	-	-
Delaware	5,891	4,964	927	392	532	-	-	-	-	1	1	2	...	6	25	-	-	-
District of Columbia	9,192	6,613	2,579	-	2,561	3	-	-	1	7	2	3	5	...	34	3	-	-
Florida	135,507	116,960	18,547	12,377	5,346	373	1	5	15	79	17	153	17	12	...	485	-	3
Georgia	52,471	35,576	16,895	14,598	2,257	437	2	4	3	18	1	5	2	1	352	...	-	-
Hawaii	7,055	6,450	605	241	210	-	2	3	-	72	2	2	1	-	11	3	...	-
Idaho	7,223	5,817	1,406	1,021	372	1	-	9	1	34	1	1	-	-	3	-	-	...
Illinois	100,126	87,086	13,040	11,202	1,809	10	1	27	32	51	10	6	1	3	171	13	1	1
Indiana	50,227	39,907	10,320	7,728	2,577	7	-	8	7	18	2	3	3	-	106	7	-	-
Iowa	26,577	20,440	6,137	5,096	1,034	-	1	10	7	12	8	-	-	-	16	2	-	1
Kansas	21,634	17,202	4,432	3,590	837	-	-	11	13	20	31	1	1	-	10	1	-	1
Kentucky	34,502	24,966	9,536	8,035	1,493	16	-	3	5	8	-	1	-	1	61	12	-	-
Louisiana	38,027	28,806	9,221	8,049	1,133	55	1	4	117	29	7	2	2	2	50	16	-	-
Maine	11,067	9,092	1,975	1,644	306	-	1	1	-	5	-	21	-	-	44	-	-	-
Maryland	37,564	28,242	9,322	7,095	2,201	3	-	6	3	18	4	14	207	511	129	12	1	-
Massachusetts	53,854	43,296	10,558	8,469	2,033	4	-	4	-	19	2	242	2	6	307	6	-	1
Michigan	77,649	62,328	15,321	14,167	1,096	12	1	24	10	33	4	5	4	4	299	7	-	-
Minnesota	35,106	27,457	7,649	5,955	1,661	4	6	29	9	33	12	-	-	1	55	4	-	2
Mississippi	24,292	18,141	6,151	5,314	836	301	-	1	32	10	-	1	-	-	70	18	-	-
Missouri	51,786	36,769	15,017	11,890	3,117	12	-	13	199	28	6	-	-	-	37	5	1	4
Montana	6,833	5,542	1,291	1,028	252	-	3	7	-	22	3	-	-	-	1	-	1	25
Nebraska	15,006	11,452	3,554	2,718	830	-	1	8	6	18	27	-	-	-	10	2	-	1
Nevada	10,082	8,246	1,836	619	1,174	2	4	143	2	549	20	5	-	-	32	3	13	18
New Hampshire	8,394	6,719	1,675	910	761	-	-	3	-	4	-	16	-	-	31	1	-	1
New Jersey	68,561	55,848	12,713	10,672	2,020	4	-	3	3	20	2	24	16	8	304	8	-	-
New Mexico	10,572	8,467	2,105	1,507	573	2	-	142	3	79	60	2	-	3	9	2	1	4
New York	167,695	148,353	19,342	15,737	3,275	5	1	21	1	45	6	188	5	6	729	18	1	2
North Carolina	57,599	43,770	13,829	12,063	1,739	7	2	7	3	20	2	5	-	12	213	53	-	-
North Dakota	6,037	4,083	1,954	1,261	684	-	1	3	-	5	6	-	-	-	1	-	-	-
Ohio	98,651	81,236	17,415	14,621	2,749	10	1	20	6	33	7	8	1	3	297	14	1	-
Oklahoma	29,337	23,272	6,065	5,481	575	4	1	8	82	29	10	-	-	2	9	7	-	1
Oregon	25,370	20,517	4,853	3,785	1,052	-	12	19	2	246	5	-	1	-	9	1	2	107
Pennsylvania	122,769	101,205	21,564	17,486	3,998	7	-	19	6	34	6	24	118	6	310	20	1	-
Rhode Island	9,689	7,988	1,701	1,166	533	1	-	-	-	4	-	129	1	1	36	-	-	-
South Carolina	28,894	23,062	5,832	5,048	765	4	-	2	4	9	1	2	3	3	84	131	1	1
South Dakota	6,385	4,566	1,819	1,349	467	-	-	5	-	5	6	-	-	-	5	-	-	1
Tennessee	49,363	36,172	13,191	9,043	4,135	217	2	6	544	27	3	3	-	5	82	362	2	-
Texas	127,048	101,978	25,070	21,640	2,995	43	3	39	326	140	40	12	3	3	143	26	6	3
Utah	9,512	7,808	1,704	1,082	604	1	-	51	1	95	44	1	-	-	8	1	-	124
Vermont	4,676	3,503	1,173	642	517	-	-	-	-	4	-	11	-	-	20	-	-	-
Virginia	47,452	28,208	19,244	17,064	2,144	9	-	3	6	30	4	12	8	86	122	24	-	-
Washington	37,098	32,220	4,878	3,696	1,112	4	68	21	5	115	8	3	-	1	21	5	4	231
West Virginia	19,537	13,458	6,079	4,215	1,863	1	1	2	-	-	-	1	1	4	34	2	-	-
Wisconsin	42,645	35,267	7,378	6,052	1,310	5	-	17	5	16	4	5	-	-	112	-	1	-
Wyoming	3,063	2,607	456	235	218	-	-	5	4	17	41	-	-	1	1	1	-	7

Table 1-19. Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1990—Con.

(Page 2 of 3)

[Data by place of residence exclude deaths occurring in the United States to nonresidents; however, data by place of occurrence include deaths of nonresidents. Unit of residence is defined as the county or county equivalent of which decedent was a resident]

State of occurrence	Deaths of interstate nonresidents by State of residence																			
	Ill.	Ind.	Iowa	Kans.	Ky.	La.	Maine	Md.	Mass.	Mich.	Minn.	Miss.	Mo.	Mont.	Nebr.	Nev.	N.H.	N.J.	N. Mex.	N.Y.
United States	4,718	1,934	1,348	1,487	2,077	716	370	3,076	1,414	2,249	1,364	1,672	1,718	291	599	453	859	3,863	651	4,846
Alabama	15	12	2	3	18	25	-	2	6	29	3	210	8	2	1	-	-	6	1	10
Alaska	3	2	2	-	-	2	-	-	3	5	2	-	2	1	-	-	1	1	-	3
Arizona	81	32	51	23	6	6	2	4	15	66	73	2	22	22	17	40	3	16	67	42
Arkansas	22	7	9	17	5	40	-	1	1	13	3	28	248	-	1	3	-	1	2	3
California	127	37	39	29	3	24	8	20	49	82	38	12	46	24	18	219	8	56	33	144
Colorado	26	11	19	77	3	9	3	6	5	13	16	3	21	17	90	4	3	9	49	24
Connecticut	3	1	1	1	1	1	16	7	122	1	-	-	2	-	-	-	8	49	-	565
Delaware	2	-	2	-	-	-	-	180	4	1	-	1	1	-	-	-	1	101	-	10
District of Columbia	4	1	-	2	2	2	3	1,842	4	2	-	1	1	-	-	-	1	16	-	45
Florida	233	199	20	20	62	33	62	101	301	429	57	29	49	4	7	5	68	331	6	901
Georgia	31	11	4	4	19	6	3	7	6	31	3	16	7	2	1	1	4	31	1	38
Hawaii	9	3	3	3	1	-	1	4	3	5	5	-	2	-	-	3	2	4	1	7
Idaho	1	-	1	2	-	1	-	-	-	3	2	-	1	20	3	16	-	1	-	-
Illinois	...	469	80	10	73	6	2	3	9	90	23	10	295	2	13	5	-	13	2	27
Indiana	1,184	...	3	3	416	2	1	2	2	322	9	1	12	-	6	5	1	2	-	15
Iowa	411	6	...	8	1	1	1	1	2	11	67	-	104	3	162	3	-	1	1	2
Kansas	11	5	13	...	2	2	-	1	-	3	4	3	440	2	49	3	-	2	4	5
Kentucky	146	533	1	2	...	5	1	4	-	26	-	2	15	-	-	-	-	4	1	4
Louisiana	16	-	2	2	7	...	-	7	3	11	3	319	8	1	1	1	1	8	4	15
Maine	2	-	1	-	1	-	...	3	73	1	-	-	-	-	4	-	76	15	1	23
Maryland	9	5	-	4	6	6	3	...	23	22	-	1	2	-	-	5	1	66	3	106
Massachusetts	13	3	1	1	3	2	79	15	...	6	3	1	2	-	2	-	489	43	1	352
Michigan	77	74	4	-	16	4	2	12	5	...	10	9	10	1	4	3	5	13	-	26
Minnesota	87	21	261	14	5	3	1	3	1	51	...	2	13	9	20	5	2	10	2	21
Mississippi	26	5	1	2	1	205	1	-	1	4	1	...	18	-	1	-	-	2	1	5
Missouri	1,403	29	57	930	30	7	3	8	2	25	5	13	...	3	19	5	-	6	5	23
Montana	7	1	3	1	-	-	-	1	-	1	4	-	1	...	1	4	-	3	3	5
Nebraska	16	7	468	78	3	2	2	2	3	3	3	-	44	-	...	-	-	1	2	3
Nevada	37	9	9	3	2	7	-	3	7	20	20	-	16	3	4	...	1	12	13	28
New Hampshire	1	-	-	-	-	1	132	-	209	2	-	1	1	-	-	-	...	14	-	26
New Jersey	7	6	-	1	7	2	4	28	31	3	1	1	1	1	-	2	3	...	1	756
New Mexico	10	2	6	5	1	1	1	2	2	6	7	1	3	1	4	2	1	2	...	13
New York	19	6	3	5	8	5	11	28	89	15	4	4	3	-	-	6	12	1,308	3	...
North Carolina	10	5	1	1	11	11	-	25	8	13	4	10	5	-	-	-	3	34	-	84
North Dakota	3	2	1	3	-	-	-	-	-	1	527	-	3	12	1	-	-	-	-	1
Ohio	50	283	4	2	508	2	2	14	9	450	4	8	16	-	4	5	-	18	1	77
Oklahoma	11	2	1	130	4	7	-	1	2	9	1	2	39	2	3	3	-	1	6	5
Oregon	4	3	2	4	-	2	-	1	3	4	5	-	-	7	5	6	-	1	2	2
Pennsylvania	22	8	3	4	13	5	3	267	26	25	2	4	5	-	-	3	6	1,523	2	802
Rhode Island	1	-	1	-	-	-	3	4	302	1	-	1	1	-	-	1	2	9	-	26
South Carolina	4	10	2	2	9	3	2	13	7	12	3	5	3	1	2	-	1	18	1	55
South Dakota	1	1	107	-	-	-	-	1	-	2	153	-	3	4	106	4	-	1	2	3
Tennessee	37	40	3	1	600	14	1	8	3	41	7	916	150	-	4	2	3	7	5	24
Texas	85	38	48	70	15	253	2	20	15	75	49	46	68	3	16	9	6	22	409	66
Utah	7	3	3	1	-	2	-	3	-	-	5	-	1	40	6	69	-	3	7	3
Vermont	1	-	-	1	-	-	4	4	35	-	-	-	-	-	-	-	135	11	-	280
Virginia	16	10	1	3	46	4	7	224	12	15	6	5	6	1	-	1	8	47	1	128
Washington	8	2	6	5	4	1	1	5	5	3	11	4	6	71	4	7	2	11	4	18
West Virginia	3	3	-	-	160	2	1	185	3	10	-	-	4	-	-	-	-	3	-	9
Wisconsin	414	22	95	5	4	-	2	3	2	281	218	1	7	1	5	1	1	7	-	14
Wyoming	2	5	4	5	1	-	-	1	1	5	3	-	3	31	15	2	1	-	4	2

Table 1-19. Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1990—Con.
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[Data by place of residence exclude deaths occurring in the United States to nonresidents; however, data by place of occurrence include deaths of nonresidents. Unit of residence is defined as the county or county equivalent of which decedent was a resident]

State of occurrence	Deaths of interstate nonresidents by State of residence																		Deaths of nonresidents of the United States
	N.C.	N. Dak.	Ohio	Okla.	Oreg.	Pa.	R.I.	S.C.	S. Dak.	Tenn.	Tex.	Utah	Vt.	Va.	Wash.	W. Va.	Wis.	Wyo.	
United States	1,482	334	2,965	1,625	834	3,260	422	1,605	411	1,100	1,861	302	450	2,741	1,171	1,712	1,414	361	3,427
Alabama	21	–	19	3	–	11	–	10	–	164	25	–	2	4	3	4	4	1	17
Alaska	–	–	1	–	10	4	1	–	–	–	3	3	–	3	28	–	5	–	24
Arizona	6	27	48	20	68	24	2	1	16	5	41	31	3	8	73	4	49	14	174
Arkansas	2	–	7	555	2	7	–	1	1	45	325	–	–	3	4	–	3	2	3
California	23	8	63	45	179	68	6	6	7	28	126	55	–	34	176	11	35	19	535
Colorado	3	9	12	23	4	12	–	3	18	3	61	39	1	4	10	1	12	92	35
Connecticut	8	–	5	2	1	25	24	6	–	2	1	1	11	5	2	2	1	–	19
Delaware	5	–	–	1	–	179	–	–	–	1	1	–	–	6	–	–	1	–	3
District of Columbia	21	–	5	1	–	25	–	9	–	4	4	–	–	485	2	20	–	1	18
Florida	94	2	354	14	10	298	36	47	5	73	74	2	28	71	13	49	97	2	624
Georgia	122	–	32	4	2	26	2	808	–	141	22	–	2	26	4	5	8	2	40
Hawaii	–	1	3	2	5	1	–	2	–	3	14	1	2	3	19	–	2	–	154
Idaho	2	1	1	–	85	3	–	–	1	–	3	37	–	1	114	1	2	20	13
Illinois	5	2	37	8	2	19	1	4	2	18	46	2	–	7	6	5	186	–	29
Indiana	6	1	342	2	–	18	–	3	1	14	18	1	–	3	–	4	16	1	15
Iowa	1	5	4	4	1	9	–	3	54	1	14	1	–	1	4	1	89	–	7
Kansas	–	–	3	153	–	2	–	1	5	1	22	1	–	1	2	1	6	1	5
Kentucky	12	–	260	3	1	7	2	3	1	146	10	–	1	30	4	157	5	–	8
Louisiana	12	–	6	7	–	12	1	2	2	14	372	–	–	6	–	2	2	1	39
Maine	–	–	2	–	–	8	5	2	–	–	2	1	3	6	2	–	3	–	25
Maryland	41	1	22	2	3	336	2	18	–	6	16	1	3	297	2	276	5	–	26
Massachusetts	11	–	12	2	3	20	294	5	1	–	9	–	50	14	–	1	2	–	56
Michigan	7	1	156	4	3	27	1	7	1	13	35	2	–	9	5	9	138	–	58
Minnesota	6	192	13	5	7	13	–	2	102	3	19	–	3	2	7	–	597	4	33
Mississippi	1	–	8	2	2	3	–	5	–	75	18	–	–	5	3	3	4	–	1
Missouri	10	2	23	115	3	7	1	4	3	26	30	1	1	2	3	1	6	1	10
Montana	1	25	3	5	2	2	–	–	6	–	5	7	–	1	29	–	–	69	11
Nebraska	3	3	2	8	1	2	–	4	44	–	12	2	–	4	7	–	2	26	6
Nevada	4	2	16	8	24	11	3	–	2	2	26	37	1	2	25	1	18	7	43
New Hampshire	1	–	1	–	–	9	2	–	–	1	6	1	296	1	–	–	–	–	4
New Jersey	28	1	9	2	1	667	5	9	2	4	8	1	3	28	2	2	1	–	21
New Mexico	1	–	6	25	5	8	1	1	2	3	113	17	1	1	3	4	4	1	25
New York	35	1	40	2	–	484	12	29	–	8	25	2	27	39	6	6	2	–	330
North Carolina	...	–	38	1	2	57	1	503	2	108	13	2	1	417	1	41	3	–	27
North Dakota	1	...	–	2	–	–	–	–	98	1	7	–	1	–	1	1	2	–	9
Ohio	32	1	...	3	3	336	2	5	1	33	20	1	–	11	6	425	12	–	45
Oklahoma	–	–	5	...	4	6	–	1	–	4	160	–	–	5	–	2	5	1	9
Oregon	–	–	5	–	...	6	–	–	2	1	9	8	1	2	557	1	5	–	16
Pennsylvania	19	1	409	1	3	...	2	14	2	14	23	1	2	56	2	165	9	1	80
Rhode Island	–	–	2	–	–	5	...	–	–	–	–	–	1	1	–	–	–	–	2
South Carolina	256	–	15	2	1	30	2	...	–	10	10	–	2	21	–	13	4	1	19
South Dakota	–	24	2	–	2	–	–	–	...	–	2	1	–	1	6	–	3	16	3
Tennessee	104	1	45	3	1	17	–	25	1	...	32	1	1	761	3	12	9	–	13
Texas	21	8	59	563	21	57	1	19	14	31	...	8	1	18	19	5	43	5	435
Utah	3	1	5	6	10	6	1	2	1	–	12	...	–	2	7	–	2	67	18
Vermont	1	–	1	–	–	5	–	–	–	–	–	–	...	4	–	–	–	–	14
Virginia	532	–	46	2	3	93	5	27	2	77	26	3	2	...	3	475	3	–	36
Washington	4	7	4	6	355	11	3	4	1	9	18	12	–	3	...	2	6	3	70
West Virginia	11	–	803	2	1	276	2	6	–	5	2	1	–	324	–	...	1	–	1
Wisconsin	5	5	8	4	2	6	2	4	3	2	14	1	–	3	–	–	...	3	16
Wyoming	1	2	3	3	2	2	–	–	8	1	7	17	–	–	8	–	2	...	3

Table 1-20. Deaths by Month and State of Occurrence: United States and Each State, 1990

[Data by place of occurrence include deaths of nonresidents]

Area	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
United States	2,151,890	217,026	179,039	186,225	174,523	174,819	169,262	171,601	168,723	166,163	177,714	176,760	190,035
Alabama	39,067	4,083	3,083	3,322	3,264	3,115	3,089	3,120	3,124	3,022	3,183	3,258	3,404
Alaska	2,216	169	194	177	171	164	195	215	193	193	180	175	190
Arizona	29,434	3,233	2,597	2,616	2,370	2,352	2,278	2,159	2,191	2,092	2,398	2,443	2,705
Arkansas	24,569	2,463	1,898	2,120	2,009	2,049	2,064	1,937	1,925	1,900	2,038	2,013	2,153
California	214,918	21,095	18,624	18,560	16,954	17,372	16,951	17,379	16,969	16,491	17,315	17,339	19,869
Colorado	21,963	2,272	1,762	1,804	1,740	1,721	1,716	1,702	1,766	1,756	1,884	1,861	1,979
Connecticut	27,705	2,893	2,235	2,363	2,274	2,201	2,202	2,258	2,063	2,124	2,215	2,372	2,505
Delaware	5,891	557	516	520	484	431	458	477	448	466	496	529	509
District of Columbia	9,192	949	765	794	736	677	706	740	715	688	757	810	855
Florida	135,507	13,869	11,344	12,616	11,336	11,064	10,435	10,512	10,386	10,138	10,652	11,008	12,147
Georgia	52,471	5,554	4,112	4,500	4,341	4,326	3,999	4,256	4,153	4,054	4,176	4,343	4,657
Hawaii	7,055	624	602	625	587	602	551	620	565	547	593	558	581
Idaho	7,223	770	575	559	568	592	582	576	563	591	651	588	608
Illinois	100,126	10,080	8,233	8,544	8,158	8,159	7,837	7,719	7,967	7,908	8,655	8,126	8,740
Indiana	50,227	4,965	4,152	4,256	4,098	4,097	4,039	4,033	3,878	3,883	4,214	4,175	4,437
Iowa	26,577	2,623	2,349	2,282	2,044	2,119	2,042	2,098	2,057	2,103	2,217	2,259	2,384
Kansas	21,634	2,347	1,885	1,922	1,747	1,702	1,708	1,666	1,655	1,661	1,820	1,679	1,842
Kentucky	34,502	3,399	2,822	3,001	2,900	2,840	2,789	2,672	2,668	2,677	2,941	2,842	2,951
Louisiana	38,027	4,004	3,072	3,302	3,026	2,982	2,964	3,046	3,067	2,993	3,128	3,047	3,396
Maine	11,067	1,067	970	905	869	936	884	943	871	904	868	926	924
Maryland	37,564	3,693	3,128	3,225	3,091	3,029	2,955	3,043	2,997	2,865	3,119	3,193	3,226
Massachusetts	53,854	5,558	4,562	4,743	4,476	4,415	4,186	4,270	4,060	4,132	4,374	4,503	4,575
Michigan	77,649	7,305	6,492	6,674	6,391	6,345	6,096	6,226	6,222	6,159	6,617	6,482	6,640
Minnesota	35,106	3,494	2,961	2,896	2,733	2,808	2,689	2,895	2,782	2,719	3,094	2,940	3,095
Mississippi	24,292	2,635	1,904	2,081	1,913	1,948	1,924	1,956	1,906	1,931	2,005	1,987	2,102
Missouri	51,786	5,474	4,374	4,537	4,061	4,175	4,116	4,115	4,035	3,937	4,215	4,140	4,607
Montana	6,833	650	512	560	550	522	573	574	582	530	618	561	601
Nebraska	15,006	1,547	1,304	1,315	1,160	1,209	1,102	1,265	1,125	1,109	1,265	1,202	1,403
Nevada	10,082	999	825	884	826	805	802	803	818	743	804	809	964
New Hampshire	8,394	783	649	787	649	689	717	686	649	692	713	664	716
New Jersey	68,561	7,019	5,757	5,886	5,635	5,690	5,309	5,373	5,321	5,220	5,509	5,758	6,084
New Mexico	10,572	1,083	904	859	863	885	803	806	841	792	900	882	954
New York	167,695	16,789	13,825	14,615	13,642	13,470	13,175	13,405	13,302	12,930	13,841	13,964	14,737
North Carolina	57,599	5,624	4,745	4,965	4,696	4,594	4,558	4,710	4,470	4,521	4,839	4,796	5,081
North Dakota	6,037	638	505	563	516	489	497	432	449	468	527	451	502
Ohio	98,651	9,875	8,367	8,314	8,063	8,030	7,803	7,825	7,762	7,640	8,312	8,127	8,533
Oklahoma	29,337	3,184	2,439	2,490	2,314	2,451	2,355	2,331	2,209	2,230	2,404	2,388	2,542
Oregon	25,370	2,395	2,222	2,229	1,998	2,060	2,068	2,083	2,107	1,859	2,062	2,108	2,179
Pennsylvania	122,769	11,961	10,065	10,823	10,124	9,986	9,739	9,825	9,514	9,731	10,175	10,242	10,584
Rhode Island	9,689	941	778	859	806	818	773	807	743	731	795	789	849
South Carolina	28,894	2,783	2,335	2,460	2,368	2,446	2,267	2,274	2,289	2,280	2,432	2,323	2,637
South Dakota	6,385	651	549	521	522	526	497	532	519	463	534	514	557
Tennessee	49,363	5,067	3,894	4,234	4,021	4,011	3,884	4,084	3,948	3,850	4,034	4,059	4,277
Texas	127,048	13,813	10,384	10,730	10,199	10,617	10,009	10,024	9,913	9,708	10,322	10,113	11,216
Utah	9,512	913	777	744	744	779	753	763	803	774	839	775	848
Vermont	4,676	478	374	420	378	369	364	340	385	375	383	379	431
Virginia	47,452	4,756	3,957	4,117	3,988	3,806	3,609	3,733	3,730	3,630	4,007	3,927	4,192
Washington	37,098	3,439	3,106	3,263	2,935	3,046	3,018	3,111	2,958	2,938	3,049	2,925	3,310
West Virginia	19,537	1,919	1,705	1,686	1,548	1,617	1,597	1,545	1,533	1,507	1,606	1,583	1,691
Wisconsin	42,645	4,244	3,591	3,671	3,414	3,422	3,307	3,395	3,275	3,266	3,671	3,591	3,798
Wyoming	3,063	300	259	286	223	261	228	242	252	242	268	234	268

Table 1-21. Deaths by Month, Race, and Sex: United States and Each State, 1990

(Page 1 of 8)

Area, race, and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
United States	2,148,463	216,654	178,727	185,875	174,263	174,553	168,999	171,338	168,427	165,934	177,472	176,508	189,713
Male	1,113,417	109,039	91,125	96,110	90,901	90,944	88,761	90,054	88,212	86,618	92,263	91,329	97,861
Female	1,035,046	107,615	87,602	89,765	83,362	83,609	80,238	81,284	80,215	79,116	85,209	85,179	91,852
White	1,853,254	188,220	154,795	160,616	150,233	150,442	145,365	146,924	144,590	142,817	152,978	152,525	163,749
Male	950,812	93,663	78,038	82,261	77,637	77,615	75,585	76,444	75,023	74,011	78,579	78,234	83,622
Female	902,442	94,557	76,757	78,355	72,596	72,827	69,780	70,480	69,567	68,806	74,299	74,291	80,127
All other	295,209	28,434	23,932	25,259	24,030	24,111	23,634	24,414	23,837	23,117	24,494	23,983	25,964
Male	162,605	15,376	13,087	13,849	13,264	13,329	13,176	13,610	13,189	12,807	13,584	13,095	14,239
Female	132,604	13,058	10,845	11,410	10,766	10,782	10,458	10,804	10,648	10,310	10,910	10,888	11,725
Black	265,498	25,698	21,485	22,652	21,573	21,721	21,268	21,934	21,451	20,802	22,046	21,510	23,358
Male	145,359	13,824	11,652	12,315	11,815	11,967	11,765	12,195	11,811	11,463	12,163	11,610	12,779
Female	120,139	11,874	9,833	10,337	9,758	9,754	9,503	9,739	9,640	9,339	9,883	9,900	10,579
Alabama	39,381	4,103	3,077	3,383	3,307	3,148	3,113	3,140	3,146	3,049	3,213	3,251	3,451
Male	20,685	2,104	1,614	1,834	1,740	1,643	1,664	1,679	1,639	1,652	1,637	1,705	1,774
Female	18,696	1,999	1,463	1,549	1,567	1,505	1,449	1,461	1,507	1,397	1,576	1,546	1,677
White	28,721	3,058	2,235	2,503	2,410	2,320	2,228	2,259	2,259	2,186	2,330	2,412	2,521
Male	15,086	1,567	1,187	1,376	1,284	1,220	1,189	1,196	1,174	1,165	1,189	1,277	1,262
Female	13,635	1,491	1,048	1,127	1,126	1,100	1,039	1,063	1,085	1,021	1,141	1,135	1,259
All other	10,660	1,045	842	880	897	828	885	881	887	863	883	839	930
Male	5,599	537	427	458	456	423	475	483	465	487	448	428	512
Female	5,061	508	415	422	441	405	410	398	422	376	435	411	418
Black	10,606	1,042	838	872	893	824	882	879	884	860	877	832	923
Male	5,564	536	426	452	453	421	472	482	462	485	446	423	506
Female	5,042	506	412	420	440	403	410	397	422	375	431	409	417
Alaska	2,188	177	192	176	173	161	176	199	177	186	185	188	198
Male	1,405	100	127	116	104	100	119	139	119	124	124	111	122
Female	783	77	65	60	69	61	57	60	58	62	61	77	76
White	1,517	130	117	119	118	112	117	148	116	133	129	136	142
Male	978	75	76	78	64	67	81	104	80	87	90	86	90
Female	539	55	41	41	54	45	36	44	36	46	39	50	52
All other	671	47	75	57	55	49	59	51	61	53	56	52	56
Male	427	25	51	38	40	33	38	35	39	37	34	25	32
Female	244	22	24	19	15	16	21	16	22	16	22	27	24
Black	59	4	3	3	6	6	2	4	8	8	5	6	4
Male	30	–	1	2	5	4	2	1	5	5	2	3	–
Female	29	4	2	1	1	2	–	3	3	3	3	3	4
Arizona	28,789	3,077	2,433	2,465	2,281	2,320	2,298	2,187	2,260	2,126	2,384	2,384	2,574
Male	15,875	1,689	1,319	1,351	1,260	1,278	1,264	1,234	1,255	1,184	1,333	1,336	1,372
Female	12,914	1,388	1,114	1,114	1,021	1,042	1,034	953	1,005	942	1,051	1,048	1,202
White	26,764	2,876	2,252	2,270	2,115	2,184	2,127	2,032	2,102	1,989	2,204	2,202	2,411
Male	14,646	1,578	1,212	1,234	1,157	1,191	1,150	1,137	1,161	1,100	1,229	1,222	1,275
Female	12,118	1,298	1,040	1,036	958	993	977	895	941	889	975	980	1,136
All other	2,025	201	181	195	166	136	171	155	158	137	180	182	163
Male	1,229	111	107	117	103	87	114	97	94	84	104	114	97
Female	796	90	74	78	63	49	57	58	64	53	76	68	66
Black	709	72	73	62	46	59	63	52	57	46	63	51	65
Male	413	39	44	32	31	37	40	31	34	24	37	29	35
Female	296	33	29	30	15	22	23	21	23	22	26	22	30
Arkansas	24,652	2,478	1,926	2,135	2,010	2,080	2,058	1,941	1,922	1,884	2,023	2,008	2,187
Male	13,043	1,288	1,000	1,123	1,031	1,072	1,084	990	1,033	1,053	1,120	1,102	1,147
Female	11,609	1,190	926	1,012	979	1,008	974	951	889	831	903	906	1,040
White	20,502	2,063	1,604	1,754	1,677	1,719	1,699	1,607	1,603	1,580	1,694	1,689	1,813
Male	10,827	1,073	832	918	858	899	898	814	848	877	932	937	941
Female	9,675	990	772	836	819	820	801	793	755	703	762	752	872
All other	4,150	415	322	381	333	361	359	334	319	304	329	319	374
Male	2,216	215	168	205	173	173	186	176	185	176	188	165	206
Female	1,934	200	154	176	160	188	173	158	134	128	141	154	168
Black	4,104	408	321	377	327	359	353	331	314	302	322	316	374
Male	2,188	210	167	203	170	172	181	173	182	175	184	165	206
Female	1,916	198	154	174	157	187	172	158	132	127	138	151	168
California	214,369	20,978	18,506	18,414	16,900	17,350	16,962	17,372	16,988	16,484	17,318	17,302	19,795
Male	113,133	10,779	9,457	9,647	8,986	9,248	9,076	9,335	9,005	8,787	9,170	9,271	10,372
Female	101,236	10,199	9,049	8,767	7,914	8,102	7,886	8,037	7,983	7,697	8,148	8,031	9,423
White	187,220	18,371	16,246	16,116	14,653	15,139	14,804	15,122	14,853	14,359	15,077	15,125	17,355
Male	97,698	9,326	8,173	8,288	7,724	7,980	7,832	8,042	7,791	7,632	7,926	7,993	8,991
Female	89,522	9,045	8,073	7,828	6,929	7,159	6,972	7,080	7,062	6,727	7,151	7,132	8,364
All other	27,149	2,607	2,260	2,298	2,247	2,211	2,158	2,250	2,135	2,125	2,241	2,177	2,440
Male	15,435	1,453	1,284	1,359	1,262	1,268	1,244	1,293	1,214	1,155	1,244	1,278	1,381
Female	11,714	1,154	976	939	985	943	914	957	921	970	997	899	1,059
Black	17,473	1,668	1,443	1,472	1,452	1,454	1,429	1,432	1,369	1,344	1,461	1,372	1,577
Male	9,805	930	790	872	795	840	803	824	766	719	809	779	878
Female	7,668	738	653	600	657	614	626	608	603	625	652	593	699
Colorado	21,583	2,253	1,741	1,798	1,709	1,700	1,674	1,637	1,707	1,727	1,851	1,840	1,946
Male	11,174	1,135	867	948	896	889	898	853	859	875	972	996	986
Female	10,409	1,118	874	850	813	811	776	784	848	852	879	844	960
White	20,661	2,162	1,661	1,710	1,642	1,624	1,599	1,562	1,629	1,659	1,779	1,766	1,868
Male	10,659	1,083	828	908	855	844	849	812	819	836	929	955	941
Female	10,002	1,079	833	802	787	780	750	750	810	823	850	811	927
All other	922	91	80	88	67	76	75	75	78	68	72	74	78
Male	515	52	39	40	41	45	49	41	40	39	43	41	45
Female	407	39	41	48	26	31	26	34	38	29	29	33	33
Black	731	69	66	69	53	68	59	56	60	55	55	60	61
Male	414	38	32	29	33	40	40	32	28	33	38	35	36
Female	317	31	34	40	20	28	19	24	32	22	17	25	25

Table 1-21. Deaths by Month, Race, and Sex: United States and Each State, 1990—Con.
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Area, race, and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Connecticut	27,607	2,866	2,272	2,372	2,268	2,194	2,177	2,236	2,052	2,112	2,224	2,356	2,478
Male	13,658	1,367	1,128	1,163	1,149	1,099	1,142	1,109	998	1,059	1,092	1,151	1,201
Female	13,949	1,499	1,144	1,209	1,119	1,095	1,035	1,127	1,054	1,053	1,132	1,205	1,277
White	25,662	2,671	2,102	2,211	2,112	2,047	2,032	2,073	1,896	1,963	2,076	2,188	2,291
Male	12,573	1,270	1,035	1,066	1,061	1,013	1,067	1,015	908	969	1,015	1,049	1,105
Female	13,089	1,401	1,067	1,145	1,051	1,034	965	1,058	988	994	1,061	1,139	1,186
All other	1,945	195	170	161	156	147	145	163	156	149	148	168	187
Male	1,085	97	93	97	88	86	75	94	90	90	77	102	96
Female	860	98	77	64	68	61	70	69	66	59	71	66	91
Black	1,845	187	165	149	152	140	136	156	146	139	141	158	176
Male	1,017	92	91	86	84	83	72	88	83	85	72	93	88
Female	828	95	74	63	68	57	64	68	63	54	69	65	88
Delaware	5,764	549	513	504	479	423	446	458	444	445	484	521	498
Male	2,904	270	260	234	249	219	227	226	238	206	242	281	252
Female	2,860	279	253	270	230	204	219	232	206	239	242	240	246
White	4,783	459	433	422	397	347	376	377	365	362	397	436	412
Male	2,378	229	220	200	201	182	186	178	195	163	191	232	201
Female	2,405	230	213	222	196	165	190	199	170	199	206	204	211
All other	981	90	80	82	82	76	70	81	79	83	87	85	86
Male	526	41	40	34	48	37	41	48	43	43	51	49	51
Female	455	49	40	48	34	39	29	33	36	40	36	36	35
Black	954	90	75	81	80	73	70	80	78	79	86	84	78
Male	508	41	36	34	46	35	41	47	42	40	50	48	48
Female	446	49	39	47	34	38	29	33	36	39	36	36	30
District of Columbia	7,313	753	627	621	579	558	584	596	551	550	558	647	689
Male	4,005	388	347	325	305	313	351	333	324	282	317	350	370
Female	3,308	365	280	296	274	245	233	263	227	268	241	297	319
White	1,718	183	158	155	135	131	131	125	141	117	129	157	156
Male	886	81	89	80	62	69	68	59	80	63	77	77	81
Female	832	102	69	75	73	62	63	66	61	54	52	80	75
All other	5,595	570	469	466	444	427	453	471	410	433	429	490	533
Male	3,119	307	258	245	243	244	283	274	244	219	240	273	289
Female	2,476	263	211	221	201	183	170	197	166	214	189	217	244
Black	5,553	568	467	461	442	425	447	465	409	428	428	487	526
Male	3,097	305	258	243	241	244	279	271	243	219	239	271	284
Female	2,456	263	209	218	201	181	168	194	166	209	189	216	242
Florida	134,385	13,299	10,715	11,882	11,058	11,056	10,644	10,794	10,714	10,425	10,635	11,034	11,929
Male	72,791	7,066	5,753	6,552	6,088	6,023	5,780	5,901	5,787	5,643	5,862	5,936	6,400
Female	61,594	6,233	4,962	5,330	4,970	5,033	4,864	4,893	4,927	4,782	4,973	5,098	5,529
White	119,380	11,929	9,599	10,586	9,771	9,776	9,452	9,545	9,478	9,223	9,544	9,808	10,669
Male	64,378	6,304	5,114	5,803	5,375	5,304	5,097	5,216	5,085	4,975	5,121	5,276	5,708
Female	55,002	5,625	4,485	4,783	4,396	4,472	4,355	4,329	4,393	4,248	4,423	4,532	4,961
All other	15,005	1,370	1,116	1,296	1,287	1,280	1,192	1,249	1,236	1,202	1,291	1,226	1,260
Male	8,413	762	639	749	713	719	683	685	702	668	741	660	692
Female	6,592	608	477	547	574	561	509	564	534	534	550	566	568
Black	14,688	1,348	1,098	1,269	1,265	1,253	1,167	1,220	1,199	1,176	1,260	1,198	1,235
Male	8,211	748	627	735	698	702	667	669	678	650	719	641	677
Female	6,477	600	471	534	567	551	500	551	521	526	541	557	558
Georgia	51,810	5,527	4,075	4,413	4,244	4,291	3,931	4,217	4,134	4,005	4,132	4,287	4,554
Male	27,335	2,783	2,218	2,292	2,279	2,278	2,087	2,188	2,207	2,151	2,205	2,285	2,362
Female	24,475	2,744	1,857	2,121	1,965	2,013	1,844	2,029	1,927	1,854	1,927	2,002	2,192
White	37,063	3,985	2,965	3,167	3,005	3,094	2,758	2,990	2,933	2,877	2,940	3,132	3,217
Male	19,462	1,985	1,600	1,644	1,590	1,647	1,478	1,566	1,558	1,541	1,522	1,662	1,669
Female	17,601	2,000	1,365	1,523	1,415	1,447	1,280	1,424	1,375	1,336	1,418	1,470	1,548
All other	14,747	1,542	1,110	1,246	1,239	1,197	1,173	1,227	1,201	1,128	1,192	1,155	1,337
Male	7,873	798	618	648	689	631	609	622	649	610	683	623	693
Female	6,874	744	492	598	550	566	564	605	552	518	509	532	644
Black	14,586	1,526	1,097	1,233	1,222	1,182	1,160	1,216	1,191	1,113	1,178	1,146	1,322
Male	7,785	789	610	641	675	624	604	617	644	601	677	619	684
Female	6,801	737	487	592	547	558	556	599	547	512	501	527	638
Hawaii	6,782	585	573	595	564	586	521	605	540	532	573	540	568
Male	3,946	326	327	369	323	342	297	348	303	342	338	320	311
Female	2,836	259	246	226	241	244	224	257	237	190	235	220	257
White	2,015	179	176	175	180	183	159	171	169	155	177	130	161
Male	1,149	93	104	106	102	96	89	102	93	106	102	68	88
Female	866	86	72	69	78	87	70	69	76	49	75	62	73
All other	4,767	406	397	420	384	403	362	434	371	377	396	410	407
Male	2,797	233	223	263	221	246	208	246	210	236	236	252	223
Female	1,970	173	174	157	163	157	154	188	161	141	160	158	184
Black	48	3	4	4	2	7	3	8	1	4	3	5	4
Male	30	2	–	3	1	5	1	5	1	3	1	4	4
Female	18	1	4	1	1	2	2	3	–	1	2	1	–
Idaho	7,452	786	612	586	602	609	590	589	572	608	666	602	630
Male	4,060	421	369	324	330	333	321	320	319	331	351	302	339
Female	3,392	365	243	262	272	276	269	269	253	277	315	300	291
White	7,364	778	604	579	594	604	580	583	566	601	662	593	620
Male	4,005	416	364	319	326	329	315	316	315	326	348	296	335
Female	3,359	362	240	260	268	275	265	267	251	275	314	297	285
All other	88	8	8	7	8	5	10	6	6	7	4	9	10
Male	55	5	5	5	4	4	6	4	4	5	3	6	4
Female	33	3	3	2	4	1	4	2	2	2	1	3	6
Black	8	–	–	2	1	–	2	–	1	–	1	–	1
Male	4	–	–	1	1	–	1	–	1	–	–	–	–
Female	4	–	–	1	–	–	1	–	–	–	1	–	1

Table 1-21. Deaths by Month, Race, and Sex: United States and Each State, 1990—Con.
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Area, race, and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Illinois	103,006	10,352	8,539	8,843	8,405	8,428	8,017	7,949	8,162	8,103	8,872	8,329	9,007
Male	52,386	5,118	4,227	4,494	4,325	4,313	4,199	4,175	4,165	4,102	4,449	4,243	4,576
Female	50,620	5,234	4,312	4,349	4,080	4,115	3,818	3,774	3,997	4,001	4,423	4,086	4,431
White	86,406	8,762	7,240	7,391	7,088	7,006	6,700	6,643	6,800	6,780	7,467	6,987	7,542
Male	43,134	4,237	3,525	3,694	3,575	3,550	3,433	3,413	3,423	3,377	3,667	3,495	3,745
Female	43,272	4,525	3,715	3,697	3,513	3,456	3,267	3,230	3,377	3,403	3,800	3,492	3,797
All other	16,600	1,590	1,299	1,452	1,317	1,422	1,317	1,306	1,362	1,323	1,405	1,342	1,465
Male	9,252	881	702	800	750	763	766	762	742	725	782	748	831
Female	7,348	709	597	652	567	659	551	544	620	598	623	594	634
Black	16,051	1,538	1,261	1,406	1,282	1,384	1,262	1,270	1,312	1,276	1,352	1,291	1,417
Male	8,919	842	683	771	724	742	731	743	715	696	745	724	803
Female	7,132	696	578	635	558	642	531	527	597	580	607	567	614
Indiana	49,569	4,899	4,101	4,246	4,070	4,013	4,006	3,976	3,824	3,799	4,133	4,110	4,392
Male	25,198	2,412	2,100	2,183	2,105	2,017	1,991	2,018	1,961	2,023	2,098	2,062	2,208
Female	24,371	2,487	2,001	2,063	1,965	1,996	2,015	1,958	1,863	1,776	2,035	2,028	2,184
White	45,756	4,535	3,789	3,940	3,743	3,693	3,708	3,664	3,539	3,503	3,792	3,816	4,034
Male	23,135	2,225	1,940	2,012	1,932	1,839	1,815	1,847	1,796	1,846	1,921	1,944	2,018
Female	22,621	2,310	1,849	1,928	1,811	1,854	1,893	1,817	1,743	1,657	1,871	1,872	2,016
All other	3,813	364	312	306	327	320	298	312	285	296	341	294	358
Male	2,063	187	160	171	173	178	176	171	165	177	177	138	190
Female	1,750	177	152	135	154	142	122	141	120	119	164	156	168
Black	3,743	353	306	302	323	316	292	306	280	291	335	293	346
Male	2,018	182	156	168	170	175	172	166	161	172	174	137	185
Female	1,725	171	150	134	153	141	120	140	119	119	161	156	161
Iowa	26,884	2,669	2,368	2,301	2,071	2,127	2,063	2,109	2,073	2,129	2,260	2,293	2,421
Male	13,374	1,329	1,192	1,130	1,050	1,071	1,041	1,064	1,058	1,053	1,088	1,152	1,146
Female	13,510	1,340	1,176	1,171	1,021	1,056	1,022	1,045	1,015	1,076	1,172	1,141	1,275
White	26,476	2,637	2,327	2,277	2,049	2,096	2,026	2,070	2,038	2,087	2,228	2,259	2,382
Male	13,160	1,309	1,173	1,121	1,036	1,052	1,025	1,044	1,039	1,028	1,071	1,135	1,127
Female	13,316	1,328	1,154	1,156	1,013	1,044	1,001	1,026	999	1,059	1,157	1,124	1,255
All other	408	32	41	24	22	31	37	39	35	42	32	34	39
Male	214	20	19	9	14	19	16	20	19	25	17	17	19
Female	194	12	22	15	8	12	21	19	16	17	15	17	20
Black	349	27	36	22	22	27	32	35	31	35	24	26	32
Male	184	15	17	8	14	17	15	17	17	20	15	14	15
Female	165	12	19	14	8	10	17	18	14	15	9	12	17
Kansas	22,279	2,394	1,945	1,992	1,812	1,741	1,752	1,725	1,703	1,711	1,896	1,712	1,896
Male	11,200	1,149	959	1,009	916	921	878	874	878	876	928	865	947
Female	11,079	1,245	986	983	896	820	874	851	825	835	968	847	949
White	21,048	2,282	1,836	1,877	1,724	1,661	1,654	1,617	1,594	1,626	1,784	1,596	1,797
Male	10,531	1,093	896	949	861	882	821	810	821	836	864	804	894
Female	10,517	1,189	940	928	863	779	833	807	773	790	920	792	903
All other	1,231	112	109	115	88	80	98	108	109	85	112	116	99
Male	669	56	63	60	55	39	57	64	57	40	64	61	53
Female	562	56	46	55	33	41	41	44	52	45	48	55	46
Black	1,083	99	98	97	79	73	83	93	96	73	101	104	87
Male	585	53	57	49	48	35	46	56	54	33	58	52	44
Female	498	46	41	48	31	38	37	37	42	40	43	52	43
Kentucky	35,078	3,492	2,899	3,066	2,950	2,859	2,821	2,725	2,704	2,713	2,944	2,914	2,991
Male	18,310	1,751	1,509	1,641	1,564	1,478	1,506	1,424	1,440	1,398	1,519	1,501	1,579
Female	16,768	1,741	1,390	1,425	1,386	1,381	1,315	1,301	1,264	1,315	1,425	1,413	1,412
White	32,438	3,240	2,687	2,841	2,727	2,637	2,593	2,522	2,498	2,508	2,743	2,665	2,777
Male	16,953	1,622	1,404	1,517	1,445	1,358	1,395	1,319	1,326	1,298	1,416	1,384	1,469
Female	15,485	1,618	1,283	1,324	1,282	1,279	1,198	1,203	1,172	1,210	1,327	1,281	1,308
All other	2,640	252	212	225	223	222	228	203	206	205	201	249	214
Male	1,357	129	105	124	119	120	111	105	114	100	103	117	110
Female	1,283	123	107	101	104	102	117	98	92	105	98	132	104
Black	2,598	252	208	220	215	219	225	201	202	203	195	245	213
Male	1,339	129	103	122	114	118	111	105	113	99	101	115	109
Female	1,259	123	105	98	101	101	114	96	89	104	94	130	104
Louisiana	37,571	3,958	3,029	3,245	2,991	2,935	2,949	3,034	3,025	2,956	3,086	3,018	3,345
Male	19,797	2,025	1,603	1,688	1,530	1,587	1,584	1,618	1,602	1,565	1,638	1,582	1,775
Female	17,774	1,933	1,426	1,557	1,461	1,348	1,365	1,416	1,423	1,391	1,448	1,436	1,570
White	25,414	2,761	2,062	2,170	1,973	1,981	1,951	1,961	2,050	1,992	2,114	2,089	2,310
Male	13,182	1,388	1,090	1,111	981	1,044	1,044	1,023	1,088	1,037	1,096	1,081	1,199
Female	12,232	1,373	972	1,059	992	937	907	938	962	955	1,018	1,008	1,111
All other	12,157	1,197	967	1,075	1,018	954	998	1,073	975	964	972	929	1,035
Male	6,615	637	513	577	549	543	540	595	514	528	542	501	576
Female	5,542	560	454	498	469	411	458	478	461	436	430	428	459
Black	12,016	1,178	954	1,064	1,009	943	981	1,063	966	954	963	919	1,022
Male	6,530	624	507	569	545	536	530	587	511	523	537	495	566
Female	5,486	554	447	495	464	407	451	476	455	431	426	424	456
Maine	11,106	1,096	995	933	883	943	882	912	836	874	873	935	944
Male	5,593	547	511	461	449	473	459	463	438	436	448	460	448
Female	5,513	549	484	472	434	470	423	449	398	438	425	475	496
White	11,046	1,089	992	925	879	940	874	907	830	867	869	932	942
Male	5,556	542	510	454	446	471	455	462	435	431	446	458	446
Female	5,490	547	482	471	433	469	419	445	395	436	423	474	496
All other	60	7	3	8	4	3	8	5	6	7	4	3	2
Male	37	5	1	7	3	2	4	1	3	5	2	2	2
Female	23	2	2	1	1	1	4	4	3	2	2	1	-
Black	13	-	-	2	2	-	3	-	-	2	1	2	1
Male	10	-	-	2	2	-	2	-	-	1	1	1	1
Female	3	-	-	-	-	-	1	-	-	1	-	1	-

Table 1-21. Deaths by Month, Race, and Sex: United States and Each State, 1990—Con.
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Area, race, and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Maryland	38,413	3,794	3,200	3,324	3,147	3,081	2,982	3,127	3,054	2,972	3,180	3,267	3,285
Male	19,727	1,862	1,629	1,724	1,637	1,576	1,529	1,640	1,563	1,549	1,646	1,690	1,682
Female	18,686	1,932	1,571	1,600	1,510	1,505	1,453	1,487	1,491	1,423	1,534	1,577	1,603
White	28,911	2,869	2,376	2,536	2,343	2,323	2,243	2,337	2,265	2,246	2,419	2,445	2,509
Male	14,401	1,360	1,158	1,250	1,178	1,172	1,137	1,205	1,133	1,142	1,197	1,233	1,236
Female	14,510	1,509	1,218	1,286	1,165	1,151	1,106	1,132	1,132	1,104	1,222	1,212	1,273
All other	9,502	925	824	788	804	758	739	790	789	726	761	822	776
Male	5,326	502	471	474	459	404	392	435	430	407	449	457	446
Female	4,176	423	353	314	345	354	347	355	359	319	312	365	330
Black	9,186	894	795	764	769	725	717	771	765	704	734	796	752
Male	5,143	482	453	462	439	385	383	427	418	394	430	440	430
Female	4,043	412	342	302	330	340	334	344	347	310	304	356	322
Massachusetts	53,179	5,552	4,550	4,732	4,454	4,357	4,131	4,197	3,956	4,044	4,260	4,431	4,515
Male	25,616	2,548	2,102	2,257	2,188	2,121	2,013	2,050	1,942	2,018	2,117	2,095	2,165
Female	27,563	3,004	2,448	2,475	2,266	2,236	2,118	2,147	2,014	2,026	2,143	2,336	2,350
White	50,908	5,333	4,362	4,545	4,260	4,151	3,944	4,011	3,787	3,873	4,100	4,230	4,312
Male	24,361	2,426	2,007	2,153	2,092	1,991	1,916	1,954	1,839	1,924	2,027	1,982	2,050
Female	26,547	2,907	2,355	2,392	2,168	2,160	2,028	2,057	1,948	1,949	2,073	2,248	2,262
All other	2,271	219	188	187	194	206	187	186	169	171	160	201	203
Male	1,255	122	95	104	96	130	97	96	103	94	90	113	115
Female	1,016	97	93	83	98	76	90	90	66	77	70	88	88
Black	1,932	181	165	161	154	170	155	152	149	156	141	175	173
Male	1,061	100	84	90	75	108	78	76	89	86	81	95	99
Female	871	81	81	71	79	62	77	76	60	70	60	80	74
Michigan	78,744	7,489	6,644	6,866	6,506	6,414	6,160	6,263	6,219	6,176	6,700	6,557	6,750
Male	40,634	3,776	3,365	3,488	3,333	3,315	3,244	3,287	3,199	3,195	3,531	3,389	3,512
Female	38,110	3,713	3,279	3,378	3,173	3,099	2,916	2,976	3,020	2,981	3,169	3,168	3,238
White	66,410	6,343	5,657	5,816	5,532	5,381	5,181	5,268	5,145	5,158	5,676	5,550	5,703
Male	33,761	3,143	2,826	2,910	2,809	2,721	2,680	2,741	2,617	2,624	2,950	2,823	2,917
Female	32,649	3,200	2,831	2,906	2,723	2,660	2,501	2,527	2,528	2,534	2,726	2,727	2,786
All other	12,334	1,146	987	1,050	974	1,033	979	995	1,074	1,018	1,024	1,007	1,047
Male	6,873	633	539	578	524	594	564	546	582	571	581	566	595
Female	5,461	513	448	472	450	439	415	449	492	447	443	441	452
Black	11,764	1,097	948	997	931	992	934	948	1,014	967	970	967	999
Male	6,572	610	521	546	499	573	539	524	558	540	550	542	570
Female	5,192	487	427	451	432	419	395	424	456	427	420	425	429
Minnesota	34,776	3,518	2,966	2,923	2,737	2,781	2,625	2,810	2,735	2,679	3,026	2,903	3,073
Male	17,600	1,734	1,418	1,473	1,416	1,460	1,330	1,415	1,400	1,390	1,523	1,469	1,572
Female	17,176	1,784	1,548	1,450	1,321	1,321	1,295	1,395	1,335	1,289	1,503	1,434	1,501
White	33,807	3,436	2,891	2,847	2,653	2,699	2,539	2,739	2,661	2,577	2,954	2,816	2,995
Male	16,997	1,683	1,377	1,429	1,361	1,406	1,279	1,372	1,352	1,321	1,478	1,418	1,521
Female	16,810	1,753	1,514	1,418	1,292	1,293	1,260	1,367	1,309	1,256	1,476	1,398	1,474
All other	969	82	75	76	84	82	86	71	74	102	72	87	78
Male	603	51	41	44	55	54	51	43	48	69	45	51	51
Female	366	31	34	32	29	28	35	28	26	33	27	36	27
Black	516	45	40	35	59	44	46	41	41	56	28	39	42
Male	326	28	21	21	42	32	28	21	26	37	21	20	29
Female	190	17	19	14	17	12	18	20	15	19	7	19	13
Mississippi	25,127	2,726	1,969	2,147	1,970	2,020	2,006	2,004	1,973	1,998	2,084	2,053	2,177
Male	13,354	1,417	1,081	1,120	1,067	1,066	1,075	1,073	1,075	1,078	1,104	1,049	1,149
Female	11,773	1,309	888	1,027	903	954	931	931	898	920	980	1,004	1,028
White	16,179	1,774	1,280	1,392	1,279	1,337	1,267	1,253	1,272	1,284	1,301	1,334	1,406
Male	8,559	897	698	729	685	715	689	662	675	690	678	698	743
Female	7,620	877	582	663	594	622	578	591	597	594	623	636	663
All other	8,948	952	689	755	691	683	739	751	701	714	783	719	771
Male	4,795	520	383	391	382	351	386	411	400	388	426	351	406
Female	4,153	432	306	364	309	332	353	340	301	326	357	368	365
Black	8,880	947	683	753	677	677	732	748	690	711	781	716	765
Male	4,762	517	380	389	376	349	382	410	394	387	425	350	403
Female	4,118	430	303	364	301	328	350	338	296	324	356	366	362
Missouri	50,377	5,377	4,241	4,417	3,972	4,027	4,012	3,995	3,907	3,847	4,087	4,010	4,485
Male	25,450	2,629	2,140	2,192	2,003	2,049	2,109	2,032	1,969	1,983	2,059	2,012	2,273
Female	24,927	2,748	2,101	2,225	1,969	1,978	1,903	1,963	1,938	1,864	2,028	1,998	2,212
White	44,912	4,881	3,816	3,919	3,540	3,577	3,552	3,538	3,459	3,391	3,656	3,588	3,995
Male	22,512	2,368	1,921	1,925	1,768	1,813	1,859	1,789	1,726	1,733	1,814	1,791	2,005
Female	22,400	2,513	1,895	1,994	1,772	1,764	1,693	1,749	1,733	1,658	1,842	1,797	1,990
All other	5,465	496	425	498	432	450	460	457	448	456	431	422	490
Male	2,938	261	219	267	235	236	250	243	243	250	245	221	268
Female	2,527	235	206	231	197	214	210	214	205	206	186	201	222
Black	5,294	481	413	481	411	432	445	445	443	436	420	410	477
Male	2,858	252	217	259	228	226	243	237	242	239	238	215	262
Female	2,436	229	196	222	183	206	202	208	201	197	182	195	215
Montana	6,861	663	524	577	549	518	565	576	573	527	610	567	612
Male	3,594	349	265	289	287	277	310	307	314	284	314	298	300
Female	3,267	314	259	288	262	241	255	269	259	243	296	269	312
White	6,511	635	492	556	520	499	542	541	534	497	575	537	583
Male	3,403	334	246	275	269	270	297	294	294	265	293	282	284
Female	3,108	301	246	281	251	229	245	247	240	232	282	255	299
All other	350	28	32	21	29	19	23	35	39	30	35	30	29
Male	191	15	19	14	18	7	13	13	20	19	21	16	16
Female	159	13	13	7	11	12	10	22	19	11	14	14	13
Black	17	-	2	1	1	-	-	2	4	3	2	2	-
Male	11	-	2	1	-	-	-	1	2	3	1	1	-
Female	6	-	-	-	1	-	-	1	2	-	1	1	-

Table 1-21. Deaths by Month, Race, and Sex: United States and Each State, 1990—Con.
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Area, race, and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Nebraska	14,769	1,541	1,295	1,315	1,146	1,193	1,073	1,235	1,117	1,078	1,232	1,177	1,367
Male	7,520	771	633	707	590	640	550	645	556	530	608	612	678
Female	7,249	770	662	608	556	553	523	590	561	548	624	565	689
White	14,272	1,492	1,257	1,274	1,119	1,147	1,039	1,186	1,064	1,038	1,190	1,143	1,323
Male	7,261	744	613	683	581	617	536	612	533	510	584	594	654
Female	7,011	748	644	591	538	530	503	574	531	528	606	549	669
All other	497	49	38	41	27	46	34	49	53	40	42	34	44
Male	259	27	20	24	9	23	14	33	23	20	24	18	24
Female	238	22	18	17	18	23	20	16	30	20	18	16	20
Black	394	35	30	36	21	35	20	43	47	32	37	26	32
Male	208	20	16	21	6	19	8	30	19	16	21	15	17
Female	186	15	14	15	15	16	12	13	28	16	16	11	15
Nevada	9,318	937	760	832	778	744	752	726	730	672	762	741	884
Male	5,366	507	442	480	453	426	449	422	428	377	452	434	496
Female	3,952	430	318	352	325	318	303	304	302	295	310	307	388
White	8,618	879	702	760	719	683	701	680	671	630	695	682	816
Male	4,938	468	408	435	413	394	420	391	397	350	410	398	454
Female	3,680	411	294	325	306	289	281	289	274	280	285	284	362
All other	700	58	58	72	59	61	51	46	59	42	67	59	68
Male	428	39	34	45	40	32	29	31	31	27	42	36	42
Female	272	19	24	27	19	29	22	15	28	15	25	23	26
Black	514	44	41	55	44	44	39	32	43	36	39	42	55
Male	316	30	21	37	30	24	24	22	23	23	23	27	32
Female	198	14	20	18	14	20	15	10	20	13	16	15	23
New Hampshire	8,488	777	675	799	670	699	700	690	649	695	721	682	731
Male	4,319	380	321	398	335	385	336	365	329	359	398	360	353
Female	4,169	397	354	401	335	314	364	325	320	336	323	322	378
White	8,446	776	671	798	668	697	699	683	645	691	715	677	726
Male	4,296	380	320	397	333	383	336	362	326	357	394	357	351
Female	4,150	396	351	401	335	314	363	321	319	334	321	320	375
All other	42	1	4	1	2	2	1	7	4	4	6	5	5
Male	23	-	1	1	2	2	-	3	3	2	4	3	2
Female	19	1	3	-	-	-	1	4	1	2	2	2	3
Black	32	-	4	1	1	2	1	5	2	2	6	5	3
Male	17	-	1	1	1	2	-	2	2	-	4	3	1
Female	15	-	3	-	-	-	1	3	-	2	2	2	2
New Jersey	70,383	7,186	5,935	6,101	5,762	5,831	5,436	5,522	5,440	5,335	5,644	5,933	6,258
Male	35,394	3,515	2,905	3,083	2,859	2,938	2,747	2,818	2,776	2,743	2,835	2,998	3,177
Female	34,989	3,671	3,030	3,018	2,903	2,893	2,689	2,704	2,664	2,592	2,809	2,935	3,081
White	60,661	6,297	5,074	5,269	4,984	5,032	4,682	4,691	4,686	4,613	4,840	5,099	5,394
Male	30,107	3,026	2,446	2,639	2,457	2,478	2,317	2,366	2,363	2,335	2,410	2,557	2,713
Female	30,554	3,271	2,628	2,630	2,527	2,554	2,365	2,325	2,323	2,278	2,430	2,542	2,681
All other	9,722	889	861	832	778	799	754	831	754	722	804	834	864
Male	5,287	489	459	444	402	460	430	452	413	408	425	441	464
Female	4,435	400	402	388	376	339	324	379	341	314	379	393	400
Black	9,071	829	807	767	718	728	685	766	712	698	757	794	810
Male	4,924	455	425	411	367	422	391	414	388	393	400	418	440
Female	4,147	374	382	356	351	306	294	352	324	305	357	376	370
New Mexico	10,625	1,088	904	856	874	900	794	812	865	788	901	881	962
Male	5,813	577	475	467	474	493	437	445	484	449	536	493	483
Female	4,812	511	429	389	400	407	357	367	381	339	365	388	479
White	9,688	1,016	812	780	797	820	718	731	787	710	822	813	882
Male	5,254	534	435	421	423	446	389	396	436	395	493	451	435
Female	4,434	482	377	359	374	374	329	335	351	315	329	362	447
All other	937	72	92	76	77	80	76	81	78	78	79	68	80
Male	559	43	40	46	51	47	48	49	48	54	43	42	48
Female	373	29	52	30	26	33	28	32	30	24	36	26	32
Black	188	8	19	13	25	20	12	12	21	12	16	13	17
Male	112	4	12	8	17	11	8	5	10	9	8	8	12
Female	76	4	7	5	8	9	4	7	11	3	8	5	5
New York	168,936	16,962	14,023	14,829	13,856	13,509	13,201	13,453	13,283	12,980	13,881	14,039	14,920
Male	85,657	8,381	6,977	7,428	7,075	6,857	6,751	6,962	6,799	6,557	7,104	7,130	7,636
Female	83,279	8,581	7,046	7,401	6,781	6,652	6,450	6,491	6,484	6,423	6,777	6,909	7,284
White	142,293	14,448	11,835	12,540	11,742	11,377	11,091	11,303	11,105	10,976	11,622	11,780	12,474
Male	70,898	7,004	5,778	6,186	5,893	5,675	5,588	5,745	5,579	5,465	5,840	5,873	6,272
Female	71,395	7,444	6,057	6,354	5,849	5,702	5,503	5,558	5,526	5,511	5,782	5,907	6,202
All other	26,643	2,514	2,188	2,289	2,114	2,132	2,110	2,150	2,178	2,004	2,259	2,259	2,446
Male	14,759	1,377	1,199	1,242	1,182	1,182	1,163	1,217	1,220	1,092	1,264	1,257	1,364
Female	11,884	1,137	989	1,047	932	950	947	933	958	912	995	1,002	1,082
Black	24,963	2,357	2,049	2,128	1,970	1,982	1,992	2,025	2,061	1,887	2,111	2,111	2,290
Male	13,777	1,283	1,112	1,150	1,099	1,097	1,091	1,139	1,144	1,029	1,183	1,167	1,283
Female	11,186	1,074	937	978	871	885	901	886	917	858	928	944	1,007
North Carolina	57,315	5,607	4,750	4,948	4,687	4,596	4,521	4,679	4,407	4,479	4,815	4,760	5,066
Male	30,288	2,848	2,468	2,579	2,517	2,453	2,451	2,517	2,378	2,387	2,536	2,466	2,688
Female	27,027	2,759	2,282	2,369	2,170	2,143	2,070	2,162	2,029	2,092	2,279	2,294	2,378
White	43,417	4,219	3,606	3,728	3,517	3,477	3,433	3,489	3,365	3,403	3,650	3,660	3,870
Male	22,672	2,062	1,829	1,951	1,875	1,821	1,828	1,855	1,819	1,788	1,906	1,907	2,031
Female	20,745	2,157	1,777	1,777	1,642	1,656	1,605	1,634	1,546	1,615	1,744	1,753	1,839
All other	13,898	1,388	1,144	1,220	1,170	1,119	1,088	1,190	1,042	1,076	1,165	1,100	1,196
Male	7,616	786	639	628	642	632	623	662	559	599	630	559	657
Female	6,282	602	505	592	528	487	465	528	483	477	535	541	539
Black	13,388	1,346	1,096	1,169	1,129	1,080	1,046	1,145	1,005	1,046	1,128	1,062	1,136
Male	7,358	764	609	607	617	614	601	640	547	585	610	539	625
Female	6,030	582	487	562	512	466	445	505	458	461	518	523	511

Table 1-21. Deaths by Month, Race, and Sex: United States and Each State, 1990—Con.
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Area, race, and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
North Dakota	5,678	607	488	528	486	449	451	403	415	427	494	437	493
Male	3,048	299	247	279	272	227	267	210	220	237	282	241	267
Female	2,630	308	241	249	214	222	184	193	195	190	212	196	226
White	5,502	588	476	517	474	434	431	393	399	404	483	426	477
Male	2,945	289	240	274	266	220	250	202	213	221	275	236	259
Female	2,557	299	236	243	208	214	181	191	186	183	208	190	218
All other	176	19	12	11	12	15	20	10	16	23	11	11	16
Male	103	10	7	5	6	7	17	8	7	16	7	5	8
Female	73	9	5	6	6	8	3	2	9	7	4	6	8
Black	9	1	-	2	-	-	-	-	1	3	-	1	1
Male	5	-	-	-	-	-	-	-	-	3	-	1	1
Female	4	1	-	2	-	-	-	-	1	-	-	-	-
Ohio	98,822	9,936	8,382	8,405	8,090	8,026	7,790	7,790	7,747	7,666	8,302	8,153	8,535
Male	49,648	4,787	4,109	4,238	4,081	4,002	4,004	4,010	3,979	3,901	4,165	4,091	4,281
Female	49,174	5,149	4,273	4,167	4,009	4,024	3,786	3,780	3,768	3,765	4,137	4,062	4,254
White	88,015	8,887	7,471	7,545	7,218	7,129	6,918	6,869	6,889	6,830	7,396	7,298	7,565
Male	43,910	4,253	3,615	3,796	3,609	3,522	3,513	3,503	3,506	3,460	3,694	3,660	3,779
Female	44,105	4,634	3,856	3,749	3,609	3,607	3,405	3,366	3,383	3,370	3,702	3,638	3,786
All other	10,807	1,049	911	860	872	897	872	921	858	836	906	855	970
Male	5,738	534	494	442	472	480	491	507	473	441	471	431	502
Female	5,069	515	417	418	400	417	381	414	385	395	435	424	468
Black	10,639	1,035	898	839	851	888	859	905	841	833	889	844	957
Male	5,644	526	486	429	460	477	481	502	458	441	462	427	495
Female	4,995	509	412	410	391	411	378	403	383	392	427	417	462
Oklahoma	30,378	3,319	2,549	2,556	2,373	2,543	2,423	2,417	2,289	2,321	2,483	2,486	2,619
Male	15,459	1,593	1,268	1,265	1,260	1,266	1,260	1,244	1,196	1,204	1,308	1,272	1,323
Female	14,919	1,726	1,281	1,291	1,113	1,277	1,163	1,173	1,093	1,117	1,175	1,214	1,296
White	27,388	3,044	2,318	2,322	2,106	2,272	2,217	2,187	2,044	2,051	2,247	2,237	2,343
Male	13,869	1,460	1,136	1,144	1,114	1,125	1,146	1,106	1,066	1,059	1,183	1,146	1,184
Female	13,519	1,584	1,182	1,178	992	1,147	1,071	1,081	978	992	1,064	1,091	1,159
All other	2,990	275	231	234	267	271	206	230	245	270	236	249	276
Male	1,590	133	132	121	146	141	114	138	130	145	125	126	139
Female	1,400	142	99	113	121	130	92	92	115	125	111	123	137
Black	1,896	169	139	152	165	170	138	141	164	169	159	143	187
Male	982	82	76	76	87	85	71	91	87	90	76	67	94
Female	914	87	63	76	78	85	67	50	77	79	83	76	93
Oregon	25,136	2,389	2,223	2,212	2,004	2,052	2,034	2,050	2,069	1,808	2,040	2,090	2,165
Male	13,107	1,223	1,138	1,198	1,024	1,071	1,101	1,078	1,077	929	1,079	1,064	1,125
Female	12,029	1,166	1,085	1,014	980	981	933	972	992	879	961	1,026	1,040
White	24,416	2,321	2,178	2,142	1,952	1,980	1,986	1,989	1,995	1,758	1,980	2,033	2,102
Male	12,685	1,184	1,109	1,154	996	1,038	1,073	1,041	1,029	898	1,048	1,033	1,082
Female	11,731	1,137	1,069	988	956	942	913	948	966	860	932	1,000	1,020
All other	720	68	45	70	52	72	48	61	74	50	60	57	63
Male	422	39	29	44	28	33	28	37	48	31	31	31	43
Female	298	29	16	26	24	39	20	24	26	19	29	26	20
Black	348	26	20	34	28	36	17	27	43	26	29	29	33
Male	201	12	10	23	15	18	8	17	31	17	15	14	21
Female	147	14	10	11	13	18	9	10	12	9	14	15	12
Pennsylvania	121,951	11,949	10,017	10,787	10,062	9,916	9,692	9,743	9,464	9,605	10,087	10,118	10,511
Male	61,191	5,835	5,010	5,343	5,088	5,032	4,933	4,918	4,818	4,876	5,044	5,065	5,229
Female	60,760	6,114	5,007	5,444	4,974	4,884	4,759	4,825	4,646	4,729	5,043	5,053	5,282
White	110,096	10,818	9,102	9,719	9,122	8,991	8,687	8,787	8,485	8,650	9,053	9,173	9,509
Male	54,849	5,255	4,523	4,756	4,589	4,563	4,376	4,405	4,294	4,347	4,488	4,541	4,712
Female	55,247	5,563	4,579	4,963	4,533	4,428	4,311	4,382	4,191	4,303	4,565	4,632	4,797
All other	11,855	1,131	915	1,068	940	925	1,005	956	979	955	1,034	945	1,002
Male	6,342	580	487	587	499	469	557	513	524	529	556	524	517
Female	5,513	551	428	481	441	456	448	443	455	426	478	421	485
Black	11,522	1,109	898	1,037	914	897	981	933	946	917	1,004	919	967
Male	6,160	570	474	578	483	450	544	500	505	509	537	510	500
Female	5,362	539	424	459	431	447	437	433	441	408	467	409	467
Rhode Island	9,576	939	784	860	787	804	752	788	733	720	793	781	835
Male	4,669	447	395	424	386	398	360	390	369	338	388	377	397
Female	4,907	492	389	436	401	406	392	398	364	382	405	404	438
White	9,228	909	754	828	763	775	722	765	701	693	771	749	798
Male	4,471	431	377	403	372	381	347	375	349	325	374	360	377
Female	4,757	478	377	425	391	394	375	390	352	368	397	389	421
All other	348	30	30	32	24	29	30	23	32	27	22	32	37
Male	198	16	18	21	14	17	13	15	20	13	14	17	20
Female	150	14	12	11	10	12	17	8	12	14	8	15	17
Black	297	28	30	29	20	25	24	19	25	21	18	27	31
Male	169	15	18	19	11	15	11	12	16	10	10	15	17
Female	128	13	12	10	9	10	13	7	9	11	8	12	14
South Carolina	29,715	2,861	2,405	2,551	2,452	2,478	2,323	2,326	2,360	2,338	2,483	2,406	2,732
Male	15,765	1,434	1,271	1,357	1,303	1,318	1,222	1,241	1,290	1,284	1,330	1,234	1,481
Female	13,950	1,427	1,134	1,194	1,149	1,160	1,101	1,085	1,070	1,054	1,153	1,172	1,251
White	20,254	1,972	1,667	1,758	1,723	1,622	1,539	1,525	1,562	1,673	1,673	1,645	1,895
Male	10,633	962	856	954	913	852	799	823	849	906	881	824	1,014
Female	9,621	1,010	811	804	810	770	740	702	713	767	792	821	881
All other	9,461	889	738	793	729	856	784	801	798	665	810	761	837
Male	5,132	472	415	403	390	466	423	418	441	378	449	410	467
Female	4,329	417	323	390	339	390	361	383	357	287	361	351	370
Black	9,425	887	735	789	725	852	782	799	795	663	807	757	834
Male	5,112	471	413	400	387	463	422	418	440	376	446	409	467
Female	4,313	416	322	389	338	389	360	381	355	287	361	348	367

Table 1-21. Deaths by Month, Race, and Sex: United States and Each State, 1990—Con.
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Area, race, and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
South Dakota	6,326	648	548	505	519	530	494	537	498	456	528	524	539
Male	3,363	333	279	272	264	308	269	295	250	260	267	274	292
Female	2,963	315	269	233	255	222	225	242	248	196	261	250	247
White	5,891	614	516	471	483	496	450	499	460	426	493	485	498
Male	3,093	313	261	252	237	287	239	273	230	236	245	252	268
Female	2,798	301	255	219	246	209	211	226	230	190	248	233	230
All other	435	34	32	34	36	34	44	38	38	30	35	39	41
Male	270	20	18	20	27	21	30	22	20	24	22	22	24
Female	165	14	14	14	9	13	14	16	18	6	13	17	17
Black	9	2	2	–	–	1	1	1	–	–	–	1	1
Male	5	1	–	–	–	1	1	–	–	–	–	1	1
Female	4	1	2	–	–	–	–	1	–	–	–	–	–
Tennessee	46,315	4,762	3,661	3,974	3,748	3,781	3,646	3,817	3,692	3,609	3,765	3,795	4,045
Male	24,410	2,481	1,934	2,023	1,995	2,001	1,958	2,075	1,968	1,887	2,038	1,942	2,108
Female	21,905	2,281	1,727	1,951	1,753	1,780	1,688	1,742	1,724	1,722	1,747	1,853	1,937
White	38,439	3,973	3,040	3,307	3,111	3,164	2,995	3,148	3,040	2,976	3,138	3,170	3,377
Male	20,278	2,071	1,623	1,675	1,662	1,651	1,624	1,692	1,618	1,573	1,712	1,607	1,770
Female	18,161	1,902	1,417	1,632	1,449	1,513	1,371	1,456	1,422	1,403	1,426	1,563	1,607
All other	7,876	789	621	667	637	617	651	669	652	633	647	625	668
Male	4,132	410	311	348	333	350	334	383	350	314	326	335	338
Female	3,744	379	310	319	304	267	317	286	302	319	321	290	330
Black	7,806	783	614	663	629	614	646	662	646	629	641	617	662
Male	4,095	407	309	345	329	348	331	379	346	312	321	332	336
Female	3,711	376	305	318	300	266	315	283	300	317	320	285	326
Texas	125,479	13,578	10,198	10,594	10,045	10,502	9,920	9,929	9,822	9,627	10,210	9,989	11,065
Male	67,342	7,016	5,405	5,760	5,398	5,641	5,319	5,497	5,422	5,208	5,527	5,226	5,923
Female	58,137	6,562	4,793	4,834	4,647	4,861	4,601	4,432	4,400	4,419	4,683	4,763	5,142
White	108,166	11,845	8,768	9,133	8,638	9,082	8,555	8,481	8,452	8,247	8,817	8,636	9,512
Male	57,682	6,068	4,627	4,960	4,599	4,851	4,566	4,667	4,643	4,434	4,722	4,488	5,057
Female	50,484	5,777	4,141	4,173	4,039	4,231	3,989	3,814	3,809	3,813	4,095	4,148	4,455
All other	17,313	1,733	1,430	1,461	1,407	1,420	1,365	1,448	1,370	1,380	1,393	1,353	1,553
Male	9,660	948	778	800	799	790	753	830	779	774	805	738	866
Female	7,653	785	652	661	608	630	612	618	591	606	588	615	687
Black	16,675	1,677	1,380	1,408	1,345	1,360	1,301	1,395	1,319	1,334	1,353	1,306	1,497
Male	9,296	919	741	764	765	753	718	801	748	761	782	709	835
Female	7,379	758	639	644	580	607	583	594	571	573	571	597	662
Utah	9,192	899	758	710	700	757	726	749	767	749	807	754	816
Male	4,976	451	377	390	355	428	418	402	442	407	433	418	455
Female	4,216	448	381	320	345	329	308	347	325	342	374	336	361
White	8,962	880	740	686	677	744	708	736	746	730	786	736	793
Male	4,838	443	364	378	340	421	410	393	429	399	418	404	439
Female	4,124	437	376	308	337	323	298	343	317	331	368	332	354
All other	230	19	18	24	23	13	18	13	21	19	21	18	23
Male	138	8	13	12	15	7	8	9	13	8	15	14	16
Female	92	11	5	12	8	6	10	4	8	11	6	4	7
Black	62	9	3	6	7	3	4	2	5	4	7	6	6
Male	36	5	3	2	4	2	2	1	1	3	6	3	4
Female	26	4	–	4	3	1	2	1	4	1	1	3	2
Vermont	4,595	467	372	414	376	367	364	331	371	356	394	376	407
Male	2,325	216	172	220	180	175	192	171	204	181	210	208	196
Female	2,270	251	200	194	196	192	172	160	167	175	184	168	211
White	4,584	465	372	414	376	366	364	330	370	356	391	375	405
Male	2,318	215	172	220	180	174	192	170	203	181	209	207	195
Female	2,266	250	200	194	196	192	172	160	167	175	182	168	210
All other	11	2	–	–	–	1	–	1	1	–	3	1	2
Male	7	1	–	–	–	1	–	1	1	–	1	1	1
Female	4	1	–	–	–	–	–	–	–	–	2	–	1
Black	5	1	–	–	–	1	–	–	–	–	2	1	–
Male	3	–	–	–	–	1	–	–	–	–	1	1	–
Female	2	1	–	–	–	–	–	–	–	–	1	–	–
Virginia	48,013	4,817	4,011	4,155	4,029	3,806	3,652	3,762	3,788	3,688	4,065	4,007	4,233
Male	25,017	2,476	2,059	2,103	2,121	2,015	1,931	1,953	1,987	1,958	2,109	2,127	2,178
Female	22,996	2,341	1,952	2,052	1,908	1,791	1,721	1,809	1,801	1,730	1,956	1,880	2,055
White	37,357	3,772	3,088	3,238	3,142	2,920	2,842	2,956	2,922	2,844	3,186	3,139	3,308
Male	19,112	1,911	1,554	1,594	1,622	1,487	1,473	1,497	1,532	1,475	1,639	1,644	1,684
Female	18,245	1,861	1,534	1,644	1,520	1,433	1,369	1,459	1,390	1,369	1,547	1,495	1,624
All other	10,656	1,045	923	917	887	886	810	806	866	844	879	868	925
Male	5,905	565	505	509	499	528	458	456	455	483	470	483	494
Female	4,751	480	418	408	388	358	352	350	411	361	409	385	431
Black	10,388	1,015	893	891	871	873	794	781	835	829	856	847	903
Male	5,751	549	491	493	490	521	448	443	435	475	455	469	482
Female	4,637	466	402	398	381	352	346	338	400	354	401	378	421
Washington	37,087	3,463	3,111	3,287	2,919	3,028	3,022	3,109	2,941	2,926	3,036	2,928	3,317
Male	19,246	1,835	1,554	1,756	1,533	1,585	1,551	1,611	1,508	1,527	1,583	1,490	1,713
Female	17,841	1,628	1,557	1,531	1,386	1,443	1,471	1,498	1,433	1,399	1,453	1,438	1,604
White	35,190	3,308	2,947	3,116	2,763	2,870	2,862	2,948	2,794	2,770	2,889	2,770	3,153
Male	18,123	1,741	1,461	1,657	1,445	1,495	1,454	1,510	1,418	1,436	1,494	1,386	1,626
Female	17,067	1,567	1,486	1,459	1,318	1,375	1,408	1,438	1,376	1,334	1,395	1,384	1,527
All other	1,897	155	164	171	156	158	160	161	147	156	147	158	164
Male	1,123	94	93	99	88	90	97	101	90	91	89	104	87
Female	774	61	71	72	68	68	63	60	57	65	58	54	77
Black	875	64	83	76	68	69	73	87	62	69	72	78	74
Male	557	41	48	49	41	44	43	65	40	39	45	57	45
Female	318	23	35	27	27	25	30	22	22	30	27	21	29

Table 1-21. Deaths by Month, Race, and Sex: United States and Each State, 1990—Con.
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Area, race, and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
West Virginia	19,385	1,903	1,715	1,668	1,536	1,632	1,563	1,530	1,525	1,463	1,606	1,547	1,697
Male	10,227	988	864	886	831	856	844	818	820	774	827	818	901
Female	9,158	915	851	782	705	776	719	712	705	689	779	729	796
White	18,585	1,830	1,644	1,585	1,481	1,563	1,494	1,467	1,462	1,408	1,542	1,481	1,628
Male	9,785	947	822	837	799	827	810	788	782	742	788	783	860
Female	8,800	883	822	748	682	736	684	679	680	666	754	698	768
All other	800	73	71	83	55	69	69	63	63	55	64	66	69
Male	442	41	42	49	32	29	34	30	38	32	39	35	41
Female	358	32	29	34	23	40	35	33	25	23	25	31	28
Black	785	71	71	82	55	68	68	60	63	54	62	63	68
Male	432	39	42	48	32	28	34	30	38	31	37	32	41
Female	353	32	29	34	23	40	34	30	25	23	25	31	27
Wisconsin	42,733	4,283	3,657	3,739	3,425	3,424	3,284	3,333	3,248	3,241	3,666	3,600	3,833
Male	21,711	2,114	1,788	1,885	1,756	1,712	1,702	1,740	1,688	1,657	1,835	1,846	1,988
Female	21,022	2,169	1,869	1,854	1,669	1,712	1,582	1,593	1,560	1,584	1,831	1,754	1,845
White	41,076	4,130	3,528	3,604	3,297	3,282	3,160	3,189	3,116	3,107	3,515	3,458	3,690
Male	20,759	2,032	1,719	1,807	1,684	1,630	1,626	1,653	1,608	1,580	1,747	1,759	1,914
Female	20,317	2,098	1,809	1,797	1,613	1,652	1,534	1,536	1,508	1,527	1,768	1,699	1,776
All other	1,657	153	129	135	128	142	124	144	132	134	151	142	143
Male	952	82	69	78	72	82	76	87	80	77	88	87	74
Female	705	71	60	57	56	60	48	57	52	57	63	55	69
Black	1,383	123	113	113	111	121	103	119	103	116	122	118	121
Male	806	66	61	64	64	69	64	73	63	71	68	75	68
Female	577	57	52	49	47	52	39	46	40	45	54	43	53
Wyoming	3,203	326	274	294	248	266	241	234	256	246	280	245	293
Male	1,709	170	147	142	141	156	131	132	134	149	144	110	153
Female	1,494	156	127	152	107	110	110	102	122	97	136	135	140
White	3,118	316	270	283	242	258	236	227	248	240	268	242	288
Male	1,666	163	145	139	138	152	129	127	130	147	136	109	151
Female	1,452	153	125	144	104	106	107	100	118	93	132	133	137
All other	85	10	4	11	6	8	5	7	8	6	12	3	5
Male	43	7	2	3	3	4	2	5	4	2	8	1	2
Female	42	3	2	8	3	4	3	2	4	4	4	2	3
Black	18	2	1	3	1	-	2	1	2	1	4	-	1
Male	9	1	1	-	1	-	1	1	1	1	2	-	-
Female	9	1	-	3	-	-	1	-	1	-	2	-	1

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Table 1-22. Deaths by Specified Race or National Origin and Sex: United States and Each State, 1990
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Area	All races			White			Black			American Indian 1			Chinese		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
United States	2,148,463	1,113,417	1,035,046	1,853,254	950,812	902,442	265,498	145,359	120,139	8,316	4,877	3,439	5,430	3,096	2,334
Alabama	39,381	20,685	18,696	28,721	15,086	13,635	10,606	5,564	5,042	18	11	7	5	4	1
Alaska	2,188	1,405	783	1,517	978	539	59	30	29	563	363	200	-	-	-
Arizona	28,789	15,875	12,914	26,764	14,646	12,118	709	413	296	1,189	749	440	46	25	21
Arkansas	24,652	13,043	11,609	20,502	10,827	9,675	4,104	2,188	1,916	20	9	11	5	3	2
California	214,369	113,133	101,236	187,220	97,698	89,522	17,473	9,805	7,668	551	309	242	2,581	1,478	1,103
Colorado	21,583	11,174	10,409	20,661	10,659	10,002	731	414	317	68	41	27	11	5	6
Connecticut	27,607	13,658	13,949	25,662	12,573	13,089	1,845	1,017	828	18	10	8	16	13	3
Delaware	5,764	2,904	2,860	4,783	2,378	2,405	954	508	446	14	9	5	4	2	2
District of Columbia	7,313	4,005	3,308	1,718	886	832	5,553	3,097	2,456	5	3	2	15	9	6
Florida	134,385	72,791	61,594	119,380	64,378	55,002	14,688	8,211	6,477	78	49	29	51	32	19
Georgia	51,810	27,335	24,475	37,063	19,462	17,601	14,586	7,785	6,801	12	8	4	11	8	3
Hawaii	6,782	3,946	2,836	2,015	1,149	866	48	30	18	13	8	5	422	228	194
Idaho	7,452	4,060	3,392	7,364	4,005	3,359	8	4	4	64	43	21	-	-	-
Illinois	103,006	52,386	50,620	86,406	43,134	43,272	16,051	8,919	7,132	51	31	20	98	61	37
Indiana	49,569	25,198	24,371	45,756	23,135	22,621	3,743	2,018	1,725	22	14	8	8	6	2
Iowa	26,884	13,374	13,510	26,476	13,160	13,316	349	184	165	28	15	13	3	2	1
Kansas	22,279	11,200	11,079	21,048	10,531	10,517	1,083	585	498	84	52	32	8	4	4
Kentucky	35,078	18,310	16,768	32,438	16,953	15,485	2,598	1,339	1,259	5	1	4	7	2	5
Louisiana	37,571	19,797	17,774	25,414	13,182	12,232	12,016	6,530	5,486	51	39	12	15	7	8
Maine	11,106	5,593	5,513	11,046	5,556	5,490	13	10	3	34	21	13	1	1	-
Maryland	38,413	19,727	18,686	28,911	14,401	14,510	9,186	5,143	4,043	37	25	12	71	45	26
Massachusetts	53,179	25,616	27,563	50,908	24,361	26,547	1,932	1,061	871	37	26	11	149	77	72
Michigan	78,744	40,634	38,110	66,410	33,761	32,649	11,764	6,572	5,192	350	186	164	60	31	29
Minnesota	34,776	17,600	17,176	33,807	16,997	16,810	516	326	190	312	196	116	14	9	5
Mississippi	25,127	13,354	11,773	16,179	8,559	7,620	8,880	4,762	4,118	37	17	20	8	4	4
Missouri	50,377	25,450	24,927	44,912	22,512	22,400	5,294	2,858	2,436	67	37	30	11	5	6
Montana	6,861	3,594	3,267	6,511	3,403	3,108	17	11	6	323	174	149	4	4	-
Nebraska	14,769	7,520	7,249	14,272	7,261	7,011	394	208	186	87	44	43	4	1	3
Nevada	9,318	5,366	3,952	8,618	4,938	3,680	514	316	198	106	68	38	10	4	6
New Hampshire	8,488	4,319	4,169	8,446	4,296	4,150	32	17	15	2	2	-	3	1	2
New Jersey	70,383	35,394	34,989	60,661	30,107	30,554	9,071	4,924	4,147	26	14	12	489	271	218
New Mexico	10,625	5,813	4,812	9,688	5,254	4,434	188	112	76	726	437	289	3	2	1
New York	168,936	85,657	83,279	142,293	70,898	71,395	24,963	13,777	11,186	146	73	73	842	491	351
North Carolina	57,315	30,288	27,027	43,417	22,672	20,745	13,388	7,358	6,030	434	230	204	12	5	7
North Dakota	5,678	3,048	2,630	5,502	2,945	2,557	9	5	4	164	98	66	-	-	-
Ohio	98,822	49,648	49,174	88,015	43,910	44,105	10,639	5,644	4,995	37	20	17	28	18	10
Oklahoma	30,378	15,459	14,919	27,388	13,869	13,519	1,896	982	914	1,036	584	452	8	2	6
Oregon	25,136	13,107	12,029	24,416	12,685	11,731	348	201	147	157	95	62	60	39	21
Pennsylvania	121,951	61,191	60,760	110,096	54,849	55,247	11,522	6,160	5,362	37	15	22	77	52	25
Rhode Island	9,576	4,669	4,907	9,228	4,471	4,757	297	169	128	20	12	8	2	1	1
South Carolina	29,715	15,765	13,950	20,254	10,633	9,621	9,425	5,112	4,313	10	7	3	6	3	3
South Dakota	6,326	3,363	2,963	5,891	3,093	2,798	9	5	4	421	262	159	2	2	-
Tennessee	46,315	24,410	21,905	38,439	20,278	18,161	7,806	4,095	3,711	23	12	11	2	1	1
Texas	125,479	67,342	58,137	108,166	57,682	50,484	16,675	9,296	7,379	62	33	29	131	73	58
Utah	9,192	4,976	4,216	8,962	4,838	4,124	62	36	26	94	60	34	8	3	5
Vermont	4,595	2,325	2,270	4,584	2,318	2,266	5	3	2	1	-	1	1	1	-
Virginia	48,013	25,017	22,996	37,357	19,112	18,245	10,388	5,751	4,637	35	21	14	28	15	13
Washington	37,087	19,246	17,841	35,190	18,123	17,067	875	557	318	411	225	186	81	43	38
West Virginia	19,385	10,227	9,158	18,585	9,785	8,800	785	432	353	3	2	1	2	1	1
Wisconsin	42,733	21,711	21,022	41,076	20,759	20,317	1,383	806	577	164	84	80	5	1	4
Wyoming	3,203	1,709	1,494	3,118	1,666	1,452	18	9	9	63	33	30	2	1	1

Table 1-22. Deaths by Specified Race or National Origin and Sex: United States and Each State, 1990—Con.
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Area	Japanese			Hawaiian			Filipino			Other Asian or Pacific Islander			Other		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
United States	4,096	2,081	2,015	1,256	729	527	4,126	2,711	1,415	6,219	3,594	2,625	268	158	110
Alabama	6	3	3	–	–	–	5	1	4	19	16	3	1	–	1
Alaska	5	2	3	1	1	–	22	17	5	20	13	7	1	1	–
Arizona	16	5	11	2	1	1	18	12	6	43	23	20	2	1	1
Arkansas	5	2	3	1	1	–	1	1	–	13	11	2	1	1	–
California	1,556	778	778	53	30	23	2,443	1,578	865	2,455	1,438	1,017	37	19	18
Colorado	25	9	16	3	2	1	5	4	1	79	40	39	–	–	–
Connecticut	10	6	4	4	4	–	2	1	1	24	18	6	26	16	10
Delaware	1	–	1	–	–	–	1	1	–	6	6	–	1	–	1
District of Columbia	3	–	3	–	–	–	4	2	2	6	4	2	9	4	5
Florida	14	3	11	2	1	1	36	24	12	135	92	43	1	1	–
Georgia	5	2	3	–	–	–	5	2	3	127	68	59	1	–	1
Hawaii	1,938	1,052	886	1,148	667	481	948	665	283	250	147	103	–	–	–
Idaho	11	5	6	–	–	–	2	1	1	3	2	1	–	–	–
Illinois	59	30	29	–	–	–	58	36	22	280	174	106	3	1	2
Indiana	6	2	4	–	–	–	10	7	3	22	15	7	2	1	1
Iowa	5	2	3	–	–	–	6	2	4	16	8	8	1	1	–
Kansas	1	1	–	–	–	–	4	3	1	41	17	24	10	7	3
Kentucky	2	–	2	1	–	1	7	3	4	18	10	8	2	2	–
Louisiana	3	1	2	1	1	–	8	2	6	54	30	24	9	5	4
Maine	–	–	–	–	–	–	–	–	–	10	4	6	2	1	1
Maryland	10	4	6	4	4	–	33	19	14	146	75	71	15	11	4
Massachusetts	12	3	9	1	1	–	9	8	1	117	69	48	14	10	4
Michigan	15	3	12	1	–	1	32	18	14	107	61	46	5	2	3
Minnesota	14	7	7	1	1	–	5	3	2	107	61	46	–	–	–
Mississippi	3	–	3	–	–	–	2	1	1	18	11	7	–	–	–
Missouri	9	2	7	–	–	–	13	10	3	38	13	25	33	13	20
Montana	3	1	2	–	–	–	1	–	1	–	–	–	2	1	1
Nebraska	4	1	3	–	–	–	3	3	–	5	2	3	–	–	–
Nevada	8	5	3	5	2	3	29	16	13	25	14	11	3	3	–
New Hampshire	1	–	1	–	–	–	–	–	–	4	3	1	–	–	–
New Jersey	12	7	5	–	–	–	12	6	6	89	51	38	23	14	9
New Mexico	4	–	4	–	–	–	3	–	3	13	8	5	–	–	–
New York	45	21	24	2	1	1	95	67	28	533	318	215	17	11	6
North Carolina	6	–	6	1	–	1	5	3	2	46	17	29	6	3	3
North Dakota	1	–	1	–	–	–	1	–	1	1	–	1	–	–	–
Ohio	12	5	7	–	–	–	15	9	6	69	36	33	7	6	1
Oklahoma	9	3	6	2	–	2	3	1	2	34	17	17	2	1	1
Oregon	56	26	30	2	1	1	19	16	3	70	38	32	8	6	2
Pennsylvania	11	4	7	2	–	2	27	18	9	174	91	83	5	2	3
Rhode Island	–	–	–	–	–	–	–	–	–	29	16	13	–	–	–
South Carolina	1	1	–	–	–	–	10	6	4	9	3	6	–	–	–
South Dakota	–	–	–	–	–	–	2	1	1	1	–	1	–	–	–
Tennessee	10	3	7	–	–	–	4	2	2	31	19	12	–	–	–
Texas	25	8	17	3	2	1	47	31	16	366	214	152	4	3	1
Utah	20	12	8	–	–	–	4	2	2	41	24	17	1	1	–
Vermont	–	–	–	–	–	–	2	1	1	2	2	–	–	–	–
Virginia	11	5	6	3	1	2	48	30	18	133	74	59	10	8	2
Washington	122	56	66	11	7	4	108	71	37	287	163	124	2	1	1
West Virginia	–	–	–	–	–	–	1	1	–	8	5	3	1	1	–
Wisconsin	1	1	–	2	1	1	8	6	2	93	53	40	1	–	1
Wyoming	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–

[1] Includes deaths among Aleuts and Eskimos.

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
All causes	2,148,463	1,113,417	1,035,046	950,812	902,442	162,605	132,604	145,359	120,139
I. Infectious and parasitic diseases (001-139)									
Intestinal infectious diseases (001-009)	520	240	280	182	231	58	49	50	43
Cholera (001)	2	2	-	2	-	-	-	-	-
Due to Vibrio cholerae (001.0)	2	2	-	2	-	-	-	-	-
Due to Vibrio cholerae el tor (001.1)	-	-	-	-	-	-	-	-	-
Unspecified (001.9)	-	-	-	-	-	-	-	-	-
Typhoid and paratyphoid fevers (002)	2	2	-	2	-	-	-	-	-
Typhoid fever (002.0)	1	1	-	1	-	-	-	-	-
Paratyphoid fever A (002.1)	-	-	-	-	-	-	-	-	-
Paratyphoid fever B (002.2)	1	1	-	1	-	-	-	-	-
Paratyphoid fever C (002.3)	-	-	-	-	-	-	-	-	-
Paratyphoid fever, unspecified (002.9)	-	-	-	-	-	-	-	-	-
Other salmonella infections (003)	79	47	32	29	23	18	9	16	8
Salmonella gastroenteritis (003.0)	18	4	14	2	11	2	3	2	2
Salmonella septicemia (003.1)	49	35	14	20	9	15	5	13	5
Localized salmonella infections (003.2)	4	3	1	2	-	1	1	1	1
Other (003.8)	2	1	1	1	1	-	-	-	-
Unspecified (003.9)	6	4	2	4	2	-	-	-	-
Shigellosis (004)	10	3	7	3	3	-	4	-	2
Shigella dysenteriae (004.0)	3	2	1	2	-	-	1	-	1
Shigella flexneri (004.1)	1	1	-	1	-	-	-	-	-
Shigella boydii (004.2)	-	-	-	-	-	-	-	-	-
Shigella sonnei (004.3)	2	-	2	-	2	-	-	-	-
Other (004.8)	-	-	-	-	-	-	-	-	-
Unspecified (004.9)	4	-	4	-	1	-	3	-	1
Other food poisoning (bacterial) (005)	7	4	3	3	1	1	2	-	-
Staphylococcal food poisoning (005.0)	1	1	-	1	-	-	-	-	-
Botulism (005.1)	4	2	2	1	-	1	2	-	-
Food poisoning due to Clostridium perfringens (Cl. welchii) (005.2)	-	-	-	-	-	-	-	-	-
Food poisoning due to other Clostridia (005.3)	-	-	-	-	-	-	-	-	-
Food poisoning due to Vibrio parahemolyticus (005.4)	1	1	-	1	-	-	-	-	-
Other bacterial food poisoning (005.8)	-	-	-	-	-	-	-	-	-
Food poisoning, unspecified (005.9)	1	-	1	-	1	-	-	-	-
Amebiasis (006)	5	2	3	2	3	-	-	-	-
Acute amebic dysentery without mention of abscess (006.0)	-	-	-	-	-	-	-	-	-
Chronic intestinal amebiasis without mention of abscess (006.1)	-	-	-	-	-	-	-	-	-
Amebic nondysenteric colitis (006.2)	-	-	-	-	-	-	-	-	-
Amebic liver abscess (006.3)	-	-	-	-	-	-	-	-	-
Amebic lung abscess (006.4)	1	1	-	1	-	-	-	-	-
Amebic brain abscess (006.5)	1	1	-	1	-	-	-	-	-
Amebic skin ulceration (006.6)	-	-	-	-	-	-	-	-	-
Amebic infection of other sites (006.8)	-	-	-	-	-	-	-	-	-
Amebiasis, unspecified (006.9)	3	-	3	-	3	-	-	-	-
Other protozoal intestinal diseases (007)	9	8	1	7	-	1	1	1	1
Balantidiasis (007.0)	-	-	-	-	-	-	-	-	-
Giardiasis (007.1)	3	3	-	2	-	1	-	1	-
Coccidiosis (007.2)	6	5	1	5	-	-	1	-	1
Intestinal trichomoniasis (007.3)	-	-	-	-	-	-	-	-	-
Other protozoal intestinal diseases (007.8)	-	-	-	-	-	-	-	-	-
Unspecified (007.9)	-	-	-	-	-	-	-	-	-
Intestinal infections due to other organisms (008)	226	91	135	81	128	10	7	9	6
Escherichia coli (008.0)	3	-	3	-	3	-	-	-	-
Arizona (008.1)	-	-	-	-	-	-	-	-	-
Aerobacter aerogenes (008.2)	-	-	-	-	-	-	-	-	-
Proteus (mirabilis) (morganii) (008.3)	-	-	-	-	-	-	-	-	-
Other specified bacteria (008.4)	110	42	68	41	65	1	3	1	2
Bacterial enteritis, unspecified (008.5)	21	8	13	7	13	1	-	1	-
Enteritis due to specified virus (008.6)	2	1	1	1	1	-	-	-	-
Other organism, not elsewhere classified (008.8)	90	40	50	32	46	8	4	7	4
Ill-defined intestinal infections (009)	180	81	99	53	73	28	26	24	26
Infectious colitis, enteritis, and gastroenteritis (009.0)	172	75	97	48	71	27	26	23	26
Infectious diarrhea (009.2)	8	6	2	5	2	1	-	1	-
Tuberculosis (010-018)	1,810	1,147	663	630	403	517	260	446	222
Primary tuberculous infection (010)	-	-	-	-	-	-	-	-	-
Primary tuberculous complex (010.0)	-	-	-	-	-	-	-	-	-
Tuberculous pleurisy in primary progressive tuberculosis (010.1)	-	-	-	-	-	-	-	-	-
Other primary progressive tuberculosis (010.8)	-	-	-	-	-	-	-	-	-
Unspecified (010.9)	-	-	-	-	-	-	-	-	-
Pulmonary tuberculosis (011)	1,344	886	458	504	286	382	172	334	147
Tuberculosis of lung, infiltrative (011.0)	-	-	-	-	-	-	-	-	-
Tuberculosis of lung, nodular (011.1)	-	-	-	-	-	-	-	-	-
Tuberculosis of lung with cavitation (011.2)	34	19	15	10	9	9	6	9	4
Tuberculosis of bronchus (011.3)	25	12	13	11	11	1	2	1	-
Tuberculous fibrosis of lung (011.4)	45	26	19	15	18	11	1	7	1
Tuberculous bronchiectasis (011.5)	14	7	7	5	6	2	1	1	-
Tuberculous pneumonia, any form (011.6)	165	105	60	65	38	40	22	39	22
Tuberculous pneumothorax (011.7)	12	10	2	7	-	3	2	3	2
Other pulmonary tuberculosis (011.8)	2	-	2	-	1	-	1	-	1
Unspecified (011.9)	1,047	707	340	391	203	316	137	274	117
Other respiratory tuberculosis (012)	34	21	13	14	8	7	5	7	3
Tuberculous pleurisy (012.0)	29	18	11	11	6	7	5	7	3

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
All causes	863.8	918.4	812.0	930.9	846.9	851.5	634.2	1,008.0	747.9
I. Infectious and parasitic diseases (001-139)									
Intestinal infectious diseases (001-009)	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3
Cholera (001)	*	*	*	*	*	*	*	*	*
Due to Vibrio cholerae (001.0)	*	*	*	*	*	*	*	*	*
Due to Vibrio cholerae el tor (001.1)	*	*	*	*	*	*	*	*	*
Unspecified (001.9)	*	*	*	*	*	*	*	*	*
Typhoid and paratyphoid fevers (002)	*	*	*	*	*	*	*	*	*
Typhoid fever (002.0)	*	*	*	*	*	*	*	*	*
Paratyphoid fever A (002.1)	*	*	*	*	*	*	*	*	*
Paratyphoid fever B (002.2)	*	*	*	*	*	*	*	*	*
Paratyphoid fever C (002.3)	*	*	*	*	*	*	*	*	*
Paratyphoid fever, unspecified (002.9)	*	*	*	*	*	*	*	*	*
Other salmonella infections (003)	.0	.0	.0	.0	.0	*	*	*	*
Salmonella gastroenteritis (003.0)	*	*	*	*	*	*	*	*	*
Salmonella septicemia (003.1)	.0	.0	*	.0	*	*	*	*	*
Localized salmonella infections (003.2)	*	*	*	*	*	*	*	*	*
Other (003.8)	*	*	*	*	*	*	*	*	*
Unspecified (003.9)	*	*	*	*	*	*	*	*	*
Shigellosis (004)	*	*	*	*	*	*	*	*	*
Shigella dysenteriae (004.0)	*	*	*	*	*	*	*	*	*
Shigella flexneri (004.1)	*	*	*	*	*	*	*	*	*
Shigella boydii (004.2)	*	*	*	*	*	*	*	*	*
Shigella sonnei (004.3)	*	*	*	*	*	*	*	*	*
Other (004.8)	*	*	*	*	*	*	*	*	*
Unspecified (004.9)	*	*	*	*	*	*	*	*	*
Other food poisoning (bacterial) (005)	*	*	*	*	*	*	*	*	*
Staphylococcal food poisoning (005.0)	*	*	*	*	*	*	*	*	*
Botulism (005.1)	*	*	*	*	*	*	*	*	*
Food poisoning due to Clostridium perfringens (Cl. welchii) (005.2)	*	*	*	*	*	*	*	*	*
Food poisoning due to other Clostridia (005.3)	*	*	*	*	*	*	*	*	*
Food poisoning due to Vibrio parahemolyticus (005.4)	*	*	*	*	*	*	*	*	*
Other bacterial food poisoning (005.8)	*	*	*	*	*	*	*	*	*
Food poisoning, unspecified (005.9)	*	*	*	*	*	*	*	*	*
Amebiasis (006)	*	*	*	*	*	*	*	*	*
Acute amebic dysentery without mention of abscess (006.0)	*	*	*	*	*	*	*	*	*
Chronic intestinal amebiasis without mention of abscess (006.1)	*	*	*	*	*	*	*	*	*
Amebic nondysenteric colitis (006.2)	*	*	*	*	*	*	*	*	*
Amebic liver abscess (006.3)	*	*	*	*	*	*	*	*	*
Amebic lung abscess (006.4)	*	*	*	*	*	*	*	*	*
Amebic brain abscess (006.5)	*	*	*	*	*	*	*	*	*
Amebic skin ulceration (006.6)	*	*	*	*	*	*	*	*	*
Amebic infection of other sites (006.8)	*	*	*	*	*	*	*	*	*
Amebiasis, unspecified (006.9)	*	*	*	*	*	*	*	*	*
Other protozoal intestinal diseases (007)	*	*	*	*	*	*	*	*	*
Balantidiasis (007.0)	*	*	*	*	*	*	*	*	*
Giardiasis (007.1)	*	*	*	*	*	*	*	*	*
Coccidiosis (007.2)	*	*	*	*	*	*	*	*	*
Intestinal trichomoniasis (007.3)	*	*	*	*	*	*	*	*	*
Other protozoal intestinal diseases (007.8)	*	*	*	*	*	*	*	*	*
Unspecified (007.9)	*	*	*	*	*	*	*	*	*
Intestinal infections due to other organisms (008)	.1	.1	.1	.1	.1	*	*	*	*
Escherichia coli (008.0)	*	*	*	*	*	*	*	*	*
Arizona (008.1)	*	*	*	*	*	*	*	*	*
Aerobacter aerogenes (008.2)	*	*	*	*	*	*	*	*	*
Proteus (mirabilis) (morganii) (008.3)	*	*	*	*	*	*	*	*	*
Other specified bacteria (008.4)	.0	.0	.1	.0	.1	*	*	*	*
Bacterial enteritis, unspecified (008.5)	.0	*	*	*	*	*	*	*	*
Enteritis due to specified virus (008.6)	*	*	*	*	*	*	*	*	*
Other organism, not elsewhere classified (008.8)	.0	.0	.0	.0	.0	*	*	*	*
Ill-defined intestinal infections (009)	.1	.1	.1	.1	.1	.1	.1	.2	.2
Infectious colitis, enteritis, and gastroenteritis (009.0)	.1	.1	.1	.0	.1	.1	.1	.2	.2
Infectious diarrhea (009.2)	*	*	*	*	*	*	*	*	*
Tuberculosis (010-018)	.7	.9	.5	.6	.4	2.7	1.2	3.1	1.4
Primary tuberculous infection (010)	*	*	*	*	*	*	*	*	*
Primary tuberculous complex (010.0)	*	*	*	*	*	*	*	*	*
Tuberculous pleurisy in primary progressive tuberculosis (010.1)	*	*	*	*	*	*	*	*	*
Other primary progressive tuberculosis (010.8)	*	*	*	*	*	*	*	*	*
Unspecified (010.9)	*	*	*	*	*	*	*	*	*
Pulmonary tuberculosis (011)	.5	.7	.4	.5	.3	2.0	.8	2.3	.9
Tuberculosis of lung, infiltrative (011.0)	*	*	*	*	*	*	*	*	*
Tuberculosis of lung, nodular (011.1)	*	*	*	*	*	*	*	*	*
Tuberculosis of lung with cavitation (011.2)	.0	*	*	*	*	*	*	*	*
Tuberculosis of bronchus (011.3)	.0	*	*	*	*	*	*	*	*
Tuberculous fibrosis of lung (011.4)	.0	.0	*	*	*	*	*	*	*
Tuberculous bronchiectasis (011.5)	*	*	*	*	*	*	*	*	*
Tuberculous pneumonia, any form (011.6)	.1	.1	.0	.1	.0	.2	.1	.3	.1
Tuberculous pneumothorax (011.7)	*	*	*	*	*	*	*	*	*
Other pulmonary tuberculosis (011.8)	*	*	*	*	*	*	*	*	*
Unspecified (011.9)	.4	.6	.3	.4	.2	1.7	.7	1.9	.7
Other respiratory tuberculosis (012)	.0	.0	*	*	*	*	*	*	*
Tuberculous pleurisy (012.0)	.0	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other respiratory tuberculosis-Con.									
Tuberculosis of intrathoracic lymph nodes (012.1)	-	-	-	-	-	-	-	-	-
Isolated tracheal or bronchial tuberculosis (012.2)	-	-	-	-	-	-	-	-	-
Tuberculous laryngitis (012.3)	1	1	-	1	-	-	-	-	-
Other (012.8)	4	2	2	2	2	-	-	-	-
Tuberculosis of meninges and central nervous system (013)	60	37	23	16	14	21	9	15	7
Tuberculous meningitis (013.0)	57	35	22	16	13	19	9	13	7
Tuberculoma of meninges (013.1)	-	-	-	-	-	-	-	-	-
Other (013.8)	3	2	1	-	1	2	-	2	-
Unspecified (013.9)	-	-	-	-	-	-	-	-	-
Tuberculosis of intestines, peritoneum, and mesenteric glands (014)	6	5	1	2	-	3	1	1	1
Tuberculosis of bones and joints (015)	53	26	27	19	25	7	2	7	2
Vertebral column (015.0)	51	24	27	17	25	7	2	7	2
Hip (015.1)	1	1	-	1	-	-	-	-	-
Knee (015.2)	-	-	-	-	-	-	-	-	-
Other bone (015.7)	1	1	-	1	-	-	-	-	-
Other joint (015.8)	-	-	-	-	-	-	-	-	-
Unspecified (015.9)	-	-	-	-	-	-	-	-	-
Tuberculosis of genitourinary system (016)	7	2	5	-	3	2	2	1	2
Kidney (016.0)	6	2	4	-	2	2	2	1	2
Other urinary organs (016.1)	-	-	-	-	-	-	-	-	-
Epididymis (016.2)	-	-	...	-	...	-	...	-	...
Other male genital organs (016.3)	-	-	...	-	...	-	...	-	...
Female genital organs (016.4)	1	...	1	...	1	...	-	...	-
Unspecified (016.9)	-	-	-	-	-	-	-	-	-
Tuberculosis of other organs (017)	106	21	85	17	51	4	34	3	31
Skin and subcutaneous cellular tissue (017.0)	97	15	82	14	50	1	32	1	29
Erythema nodosum with hypersensitivity reaction in tuberculosis (017.1)	-	-	-	-	-	-	-	-	-
Peripheral lymph nodes (017.2)	-	-	-	-	-	-	-	-	-
Eye (017.3)	-	-	-	-	-	-	-	-	-
Ear (017.4)	-	-	-	-	-	-	-	-	-
Thyroid gland (017.5)	-	-	-	-	-	-	-	-	-
Adrenal glands (017.6)	1	-	1	-	-	-	1	-	1
Spleen (017.7)	-	-	-	-	-	-	-	-	-
Other (017.8)	8	6	2	3	1	3	1	2	1
Miliary tuberculosis (018)	200	149	51	58	16	91	35	78	29
Acute (018.0)	-	-	-	-	-	-	-	-	-
Other (018.8)	1	1	-	-	-	1	-	1	-
Unspecified (018.9)	199	148	51	58	16	90	35	77	29
Zoonotic bacterial diseases (020-027)	101	54	47	50	38	4	9	3	7
Plague (020)	-	-	-	-	-	-	-	-	-
Bubonic (020.0)	-	-	-	-	-	-	-	-	-
Cellulocutaneous (020.1)	-	-	-	-	-	-	-	-	-
Septicemic (020.2)	-	-	-	-	-	-	-	-	-
Primary pneumonic (020.3)	-	-	-	-	-	-	-	-	-
Secondary pneumonic (020.4)	-	-	-	-	-	-	-	-	-
Pneumonic, unspecified (020.5)	-	-	-	-	-	-	-	-	-
Other (020.8)	-	-	-	-	-	-	-	-	-
Unspecified (020.9)	-	-	-	-	-	-	-	-	-
Tularemia (021)	1	1	-	1	-	-	-	-	-
Anthrax (022)	-	-	-	-	-	-	-	-	-
Cutaneous anthrax (022.0)	-	-	-	-	-	-	-	-	-
Pulmonary anthrax (022.1)	-	-	-	-	-	-	-	-	-
Gastrointestinal anthrax (022.2)	-	-	-	-	-	-	-	-	-
Anthrax septicemia (022.3)	-	-	-	-	-	-	-	-	-
Other manifestations (022.8)	-	-	-	-	-	-	-	-	-
Unspecified (022.9)	-	-	-	-	-	-	-	-	-
Brucellosis (023)	-	-	-	-	-	-	-	-	-
Brucella melitensis (023.0)	-	-	-	-	-	-	-	-	-
Brucella abortus (023.1)	-	-	-	-	-	-	-	-	-
Brucella suis (023.2)	-	-	-	-	-	-	-	-	-
Brucella canis (023.3)	-	-	-	-	-	-	-	-	-
Other (023.8)	-	-	-	-	-	-	-	-	-
Unspecified (023.9)	-	-	-	-	-	-	-	-	-
Glanders (024)	-	-	-	-	-	-	-	-	-
Melioidosis (025)	-	-	-	-	-	-	-	-	-
Rat-bite fever (026)	-	-	-	-	-	-	-	-	-
Spirillary fever (026.0)	-	-	-	-	-	-	-	-	-
Streptobacillary fever (026.1)	-	-	-	-	-	-	-	-	-
Unspecified (026.9)	-	-	-	-	-	-	-	-	-
Other zoonotic bacterial diseases (027)	100	53	47	49	38	4	9	3	7
Listeriosis (027.0)	97	52	45	49	36	3	9	2	7
Erysipelothrix infection (027.1)	1	-	1	-	1	-	-	-	-
Pasteurellosis (027.2)	2	1	1	-	1	1	-	1	-
Other (027.8)	-	-	-	-	-	-	-	-	-
Unspecified (027.9)	-	-	-	-	-	-	-	-	-
Other bacterial diseases (030-041)	20,324	9,197	11,127	7,304	9,088	1,893	2,039	1,743	1,915
Leprosy (030)	3	1	2	-	2	1	-	1	-
Lepromatous (type L) (030.0)	-	-	-	-	-	-	-	-	-
Tuberculoid (type T) (030.1)	-	-	-	-	-	-	-	-	-
Indeterminate (group I) (030.2)	-	-	-	-	-	-	-	-	-
Borderline (group B) (030.3)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other respiratory tuberculosis-Con.									
Tuberculosis of intrathoracic lymph nodes (012.1)	*	*	*	*	*	*	*	*	*
Isolated tracheal or bronchial tuberculosis (012.2)	*	*	*	*	*	*	*	*	*
Tuberculous laryngitis (012.3)	*	*	*	*	*	*	*	*	*
Other (012.8)	*	*	*	*	*	*	*	*	*
Tuberculosis of meninges and central nervous system (013)	0.0	0.0	0.0	*	*	0.1	*	*	*
Tuberculous meningitis (013.0)	.0	.0	.0	*	*	*	*	*	*
Tuberculoma of meninges (013.1)	*	*	*	*	*	*	*	*	*
Other (013.8)	*	*	*	*	*	*	*	*	*
Unspecified (013.9)	*	*	*	*	*	*	*	*	*
Tuberculosis of intestines, peritoneum, and mesenteric glands (014)	*	*	*	*	*	*	*	*	*
Tuberculosis of bones and joints (015)	.0	.0	.0	*	0.0	*	*	*	*
Vertebral column (015.0)	.0	.0	.0	*	.0	*	*	*	*
Hip (015.1)	*	*	*	*	*	*	*	*	*
Knee (015.2)	*	*	*	*	*	*	*	*	*
Other bone (015.7)	*	*	*	*	*	*	*	*	*
Other joint (015.8)	*	*	*	*	*	*	*	*	*
Unspecified (015.9)	*	*	*	*	*	*	*	*	*
Tuberculosis of genitourinary system (016)	*	*	*	*	*	*	*	*	*
Kidney (016.0)	*	*	*	*	*	*	*	*	*
Other urinary organs (016.1)	*	*	*	*	*	*	*	*	*
Epididymis (016.2)	*	*		*		*		*	
Other male genital organs (016.3)	*	*	...	*	...	*	...	*	...
Female genital organs (016.4)	*		...		...		...		...
Unspecified (016.9)	*	...	*	...	*	...	*	...	*
	*	*	*	*	*	*	*	*	*
Tuberculosis of other organs (017)	.0	.0	.1	*	.0	*	0.2	*	0.2
Skin and subcutaneous cellular tissue (017.0)	.0	*	.1	*	.0	*	.2	*	.2
Erythema nodosum with hypersensitivity reaction in tuberculosis (017.1)	*	*	*	*	*	*	*	*	*
Peripheral lymph nodes (017.2)	*	*	*	*	*	*	*	*	*
Eye (017.3)	*	*	*	*	*	*	*	*	*
Ear (017.4)	*	*	*	*	*	*	*	*	*
Thyroid gland (017.5)	*	*	*	*	*	*	*	*	*
Adrenal glands (017.6)	*	*	*	*	*	*	*	*	*
Spleen (017.7)	*	*	*	*	*	*	*	*	*
Other (017.8)	*	*	*	*	*	*	*	*	*
Miliary tuberculosis (018)	.1	.1	.0	0.1	*	.5	.2	0.5	.2
Acute (018.0)	*	*	*	*	*	*	*	*	*
Other (018.8)	*	*	*	*	*	*	*	*	*
Unspecified (018.9)	.1	.1	.0	.1	*	.5	.2	.5	.2
Zoonotic bacterial diseases (020-027)	.0	.0	.0	.0	.0	*	*	*	*
Plague (020)	*	*	*	*	*	*	*	*	*
Bubonic (020.0)	*	*	*	*	*	*	*	*	*
Cellulocutaneous (020.1)	*	*	*	*	*	*	*	*	*
Septicemic (020.2)	*	*	*	*	*	*	*	*	*
Primary pneumonic (020.3)	*	*	*	*	*	*	*	*	*
Secondary pneumonic (020.4)	*	*	*	*	*	*	*	*	*
Pneumonic, unspecified (020.5)	*	*	*	*	*	*	*	*	*
Other (020.8)	*	*	*	*	*	*	*	*	*
Unspecified (020.9)	*	*	*	*	*	*	*	*	*
Tularemia (021)	*	*	*	*	*	*	*	*	*
Anthrax (022)	*	*	*	*	*	*	*	*	*
Cutaneous anthrax (022.0)	*	*	*	*	*	*	*	*	*
Pulmonary anthrax (022.1)	*	*	*	*	*	*	*	*	*
Gastrointestinal anthrax (022.2)	*	*	*	*	*	*	*	*	*
Anthrax septicemia (022.3)	*	*	*	*	*	*	*	*	*
Other manifestations (022.8)	*	*	*	*	*	*	*	*	*
Unspecified (022.9)	*	*	*	*	*	*	*	*	*
Brucellosis (023)	*	*	*	*	*	*	*	*	*
Brucella melitensis (023.0)	*	*	*	*	*	*	*	*	*
Brucella abortus (023.1)	*	*	*	*	*	*	*	*	*
Brucella suis (023.2)	*	*	*	*	*	*	*	*	*
Brucella canis (023.3)	*	*	*	*	*	*	*	*	*
Other (023.8)	*	*	*	*	*	*	*	*	*
Unspecified (023.9)	*	*	*	*	*	*	*	*	*
Glanders (024)	*	*	*	*	*	*	*	*	*
Melioidosis (025)	*	*	*	*	*	*	*	*	*
Rat-bite fever (026)	*	*	*	*	*	*	*	*	*
Spirillary fever (026.0)	*	*	*	*	*	*	*	*	*
Streptobacillary fever (026.1)	*	*	*	*	*	*	*	*	*
Unspecified (026.9)	*	*	*	*	*	*	*	*	*
Other zoonotic bacterial diseases (027)	.0	.0	.0	.0	.0	*	*	*	*
Listeriosis (027.0)	.0	.0	.0	.0	.0	*	*	*	*
Erysipelothrix infection (027.1)	*	*	*	*	*	*	*	*	*
Pasteurellosis (027.2)	*	*	*	*	*	*	*	*	*
Other (027.8)	*	*	*	*	*	*	*	*	*
Unspecified (027.9)	*	*	*	*	*	*	*	*	*
Other bacterial diseases (030-041)	8.2	7.6	8.7	7.2	8.5	9.9	9.8	12.1	11.9
Leprosy (030)	*	*	*	*	*	*	*	*	*
Lepromatous (type L) (030.0)	*	*	*	*	*	*	*	*	*
Tuberculoid (type T) (030.1)	*	*	*	*	*	*	*	*	*
Indeterminate (group I) (030.2)	*	*	*	*	*	*	*	*	*
Borderline (group B) (030.3)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Leprosy-Con.									
Other (030.8)	-	-	-	-	-	-	-	-	-
Unspecified (030.9)	3	1	2	-	2	1	-	1	-
Diseases due to other mycobacteria (031)	323	219	104	174	84	45	20	42	14
Pulmonary (031.0)	249	173	76	132	61	41	15	38	9
Cutaneous (031.1)	-	-	-	-	-	-	-	-	-
Other (031.8)	1	-	1	-	1	-	-	-	-
Unspecified (031.9)	73	46	27	42	22	4	5	4	5
Diphtheria (032)	1	1	-	-	-	1	-	1	-
Faucial diphtheria (032.0)	-	-	-	-	-	-	-	-	-
Nasopharyngeal diphtheria (032.1)	-	-	-	-	-	-	-	-	-
Anterior nasal diphtheria (032.2)	-	-	-	-	-	-	-	-	-
Laryngeal diphtheria (032.3)	-	-	-	-	-	-	-	-	-
Other (032.8)	-	-	-	-	-	-	-	-	-
Diphtheria, unspecified (032.9)	1	1	-	-	-	1	-	1	-
Whooping cough (033)	12	4	8	3	6	1	2	1	2
Bordetella pertussis (B. pertussis) (033.0)	1	-	1	-	1	-	-	-	-
Bordetella parapertussis (B. parapertussis) (033.1)	-	-	-	-	-	-	-	-	-
Other specified organism (033.8)	-	-	-	-	-	-	-	-	-
Whooping cough, unspecified organism (033.9)	11	4	7	3	5	1	2	1	2
Streptococcal sore throat and scarlatina (034)	10	5	5	3	5	2	-	2	-
Streptococcal sore throat (034.0)	9	5	4	3	4	2	-	2	-
Scarlatina (034.1)	1	-	1	-	1	-	-	-	-
Erysipelas (035)	4	1	3	1	3	-	-	-	-
Meningococcal infection (036)	215	113	102	80	86	33	16	28	15
Meningococcal meningitis (036.0)	72	36	36	22	31	14	5	11	5
Meningococcal encephalitis (036.1)	3	2	1	2	1	-	-	-	-
Meningococcemia (036.2)	104	54	50	41	41	13	9	11	9
Waterhouse-Friderichsen syndrome, meningococcal (036.3)	32	18	14	13	13	5	1	5	1
Meningococcal carditis (036.4)	-	-	-	-	-	-	-	-	-
Other (036.8)	1	1	-	1	-	-	-	-	-
Unspecified (036.9)	3	2	1	1	-	1	1	1	-
Tetanus (037)	11	6	5	4	4	2	1	2	1
Septicemia (038)	19,169	8,542	10,627	6,786	8,670	1,756	1,957	1,624	1,841
Streptococcal septicemia (038.0)	272	133	139	107	96	26	43	23	40
Staphylococcal septicemia (038.1)	1,042	536	506	437	425	99	81	91	71
Pneumococcal septicemia (038.2)	169	85	84	58	70	27	14	27	13
Septicemia due to anaerobes (038.3)	61	25	36	24	29	1	7	1	7
Septicemia due to other gram-negative organisms (038.4)	1,086	499	587	382	451	117	136	107	130
Other specified septicemias (038.8)	138	78	60	59	41	19	19	18	19
Unspecified septicemia (038.9)	16,401	7,186	9,215	5,719	7,558	1,467	1,657	1,357	1,561
Actinomycotic infections (039)	71	47	24	40	21	7	3	5	3
Cutaneous (039.0)	-	-	-	-	-	-	-	-	-
Pulmonary (039.1)	39	25	14	22	12	3	2	1	2
Abdominal (039.2)	-	-	-	-	-	-	-	-	-
Cervicofacial (039.3)	-	-	-	-	-	-	-	-	-
Madura foot (039.4)	-	-	-	-	-	-	-	-	-
Of other specified sites (039.8)	10	8	2	8	1	-	1	-	1
Of unspecified site (039.9)	22	14	8	10	8	4	-	4	-
Other bacterial diseases (040)	151	67	84	58	73	9	11	8	11
Gas gangrene (040.0)	77	39	38	34	29	5	9	5	9
Rhinoscleroma (040.1)	-	-	-	-	-	-	-	-	-
Whipple's disease (040.2)	3	1	2	1	2	-	-	-	-
Necrobacillosis (040.3)	-	-	-	-	-	-	-	-	-
Other bacterial diseases (040.8)	71	27	44	23	42	4	2	3	2
Bacterial infection of unspecified site (041)	354	191	163	155	134	36	29	29	28
Streptococcus (041.0)	33	19	14	15	13	4	1	4	1
Staphylococcus (041.1)	148	79	69	62	52	17	17	14	17
Pneumococcus (041.2)	8	4	4	3	4	1	-	1	-
Friedlander's bacillus (041.3)	5	3	2	2	1	1	1	1	1
Escherichia coli (041.4)	18	5	13	3	10	2	3	2	2
Hemophilus influenzae (H. influenzae) (041.5)	16	8	8	8	8	-	-	-	-
Proteus (mirabilis) (morganii) (041.6)	8	4	4	4	3	-	1	-	1
Pseudomonas (041.7)	50	28	22	25	19	3	3	1	3
Other (041.8)	27	18	9	14	8	4	1	3	1
Bacterial infection, unspecified (041.9)	41	23	18	19	16	4	2	3	2
Human immunodeficiency virus infection (*042-*044)	25,188	22,386	2,802	16,106	1,149	6,280	1,653	6,097	1,633
Human immunodeficiency virus infection with specified conditions (*042)	24,289	21,621	2,668	15,634	1,098	5,987	1,570	5,809	1,550
With specified infections (*042.0)	5,707	5,048	659	3,544	297	1,504	362	1,455	356
Causing other specified infections (*042.1)	5,148	4,502	646	3,242	266	1,260	380	1,226	375
With specified malignant neoplasms (*042.2)	2,524	2,473	51	2,151	34	322	17	294	17
Acquired immunodeficiency syndrome, unspecified (*042.9)	10,910	9,598	1,312	6,697	501	2,901	811	2,834	802
Human immunodeficiency virus infection causing other specified conditions (*043)	235	204	31	151	14	53	17	50	17
Causing lymphadenopathy (*043.0)	-	-	-	-	-	-	-	-	-
Causing specified diseases of the central nervous system (*043.1)	90	81	9	64	5	17	4	16	4
Causing other disorders involving the immune mechanism (*043.2)	7	6	1	5	-	1	1	1	1
Causing other specified conditions (*043.3)	93	83	10	59	6	24	4	22	4
Acquired immunodeficiency syndrome-related complex, unspecified (*043.9)	45	34	11	23	3	11	8	11	8
Other human immunodeficiency virus infection (*044)	664	561	103	321	37	240	66	238	66
Causing specified acute infections (*044.0)	-	-	-	-	-	-	-	-	-
Human immunodeficiency virus infection, unspecified (*044.9)	664	561	103	321	37	240	66	238	66

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Leprosy-Con.									
Other (030.8)	*	*	*	*	*	*	*	*	*
Unspecified (030.9)	*	*	*	*	*	*	*	*	*
Diseases due to other mycobacteria (031)	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.3	*
Pulmonary (031.0)	.1	.1	.1	.1	.1	.2	*	.3	*
Cutaneous (031.1)	*	*	*	*	*	*	*	*	*
Other (031.8)	*	*	*	*	*	*	*	*	*
Unspecified (031.9)	.0	.0	.0	.0	.0	*	*	*	*
Diphtheria (032)	*	*	*	*	*	*	*	*	*
Faucial diphtheria (032.0)	*	*	*	*	*	*	*	*	*
Nasopharyngeal diphtheria (032.1)	*	*	*	*	*	*	*	*	*
Anterior nasal diphtheria (032.2)	*	*	*	*	*	*	*	*	*
Laryngeal diphtheria (032.3)	*	*	*	*	*	*	*	*	*
Other (032.8)	*	*	*	*	*	*	*	*	*
Diphtheria, unspecified (032.9)	*	*	*	*	*	*	*	*	*
Whooping cough (033)	*	*	*	*	*	*	*	*	*
Bordetella pertussis (B. pertussis) (033.0)	*	*	*	*	*	*	*	*	*
Bordetella parapertussis (B. parapertussis) (033.1)	*	*	*	*	*	*	*	*	*
Other specified organism (033.8)	*	*	*	*	*	*	*	*	*
Whooping cough, unspecified organism (033.9)	*	*	*	*	*	*	*	*	*
Streptococcal sore throat and scarlatina (034)	*	*	*	*	*	*	*	*	*
Streptococcal sore throat (034.0)	*	*	*	*	*	*	*	*	*
Scarlatina (034.1)	*	*	*	*	*	*	*	*	*
Erysipelas (035)	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	.1	.1	.1	.1	.1	.2	*	.2	*
Meningococcal meningitis (036.0)	.0	.0	.0	.0	.0	*	*	*	*
Meningococcal encephalitis (036.1)	*	*	*	*	*	*	*	*	*
Meningococcemia (036.2)	.0	.0	.0	.0	.0	*	*	*	*
Waterhouse-Friderichsen syndrome, meningococcal (036.3)	.0	*	*	*	*	*	*	*	*
Meningococcal carditis (036.4)	*	*	*	*	*	*	*	*	*
Other (036.8)	*	*	*	*	*	*	*	*	*
Unspecified (036.9)	*	*	*	*	*	*	*	*	*
Tetanus (037)	*	*	*	*	*	*	*	*	*
Septicemia (038)	7.7	7.0	8.3	6.6	8.1	9.2	9.4	11.3	11.5
Streptococcal septicemia (038.0)	.1	.1	.1	.1	.1	.1	.2	.2	.2
Staphylococcal septicemia (038.1)	.4	.4	.4	.4	.4	.5	.4	.6	.4
Pneumococcal septicemia (038.2)	.1	.1	.1	.1	.1	.1	*	.2	*
Septicemia due to anaerobes (038.3)	.0	.0	.0	.0	.0	*	*	*	*
Septicemia due to other gram-negative organisms (038.4)	.4	.4	.5	.4	.4	.6	.7	.7	.8
Other specified septicemias (038.8)	.1	.1	.0	.1	.0	*	*	*	*
Unspecified septicemia (038.9)	6.6	5.9	7.2	5.6	7.1	7.7	7.9	9.4	9.7
Actinomycotic infections (039)	.0	.0	.0	.0	.0	*	*	*	*
Cutaneous (039.0)	*	*	*	*	*	*	*	*	*
Pulmonary (039.1)	.0	.0	*	.0	*	*	*	*	*
Abdominal (039.2)	*	*	*	*	*	*	*	*	*
Cervicofacial (039.3)	*	*	*	*	*	*	*	*	*
Madura foot (039.4)	*	*	*	*	*	*	*	*	*
Of other specified sites (039.8)	*	*	*	*	*	*	*	*	*
Of unspecified site (039.9)	.0	*	*	*	*	*	*	*	*
Other bacterial diseases (040)	.1	.1	.1	.1	.1	*	*	*	*
Gas gangrene (040.0)	.0	.0	.0	.0	.0	*	*	*	*
Rhinoscleroma (040.1)	*	*	*	*	*	*	*	*	*
Whipple's disease (040.2)	*	*	*	*	*	*	*	*	*
Necrobacillosis (040.3)	*	*	*	*	*	*	*	*	*
Other bacterial diseases (040.8)	.0	.0	.0	.0	.0	*	*	*	*
Bacterial infection of unspecified site (041)	.1	.2	.1	.2	.1	.2	.1	.2	.2
Streptococcus (041.0)	.0	*	*	*	*	*	*	*	*
Staphylococcus (041.1)	.1	.1	.1	.1	.0	*	*	*	*
Pneumococcus (041.2)	*	*	*	*	*	*	*	*	*
Friedlander's bacillus (041.3)	*	*	*	*	*	*	*	*	*
Escherichia coli (041.4)	*	*	*	*	*	*	*	*	*
Hemophilus influenzae (H. influenzae) (041.5)	*	*	*	*	*	*	*	*	*
Proteus (mirabilis) (morganii) (041.6)	*	*	*	*	*	*	*	*	*
Pseudomonas (041.7)	.0	.0	.0	.0	*	*	*	*	*
Other (041.8)	.0	*	*	*	*	*	*	*	*
Bacterial infection, unspecified (041.9)	.0	.0	*	*	*	*	*	*	*
Human immunodeficiency virus infection (*042-*044)	10.1	18.5	2.2	15.8	1.1	32.9	7.9	42.3	10.2
Human immunodeficiency virus infection with specified conditions (*042)	9.8	17.8	2.1	15.3	1.0	31.4	7.5	40.3	9.6
With specified infections (*042.0)	2.3	4.2	.5	3.5	.3	7.9	1.7	10.1	2.2
Causing other specified infections (*042.1)	2.1	3.7	.5	3.2	.2	6.6	1.8	8.5	2.3
With specified malignant neoplasms (*042.2)	1.0	2.0	.0	2.1	.0	1.7	*	2.0	*
Acquired immunodeficiency syndrome, unspecified (*042.9)	4.4	7.9	1.0	6.6	.5	15.2	3.9	19.7	5.0
Human immunodeficiency virus infection causing other specified conditions (*043)	.1	.2	.0	.1	*	.3	*	.3	*
Causing lymphadenopathy (*043.0)	*	*	*	*	*	*	*	*	*
Causing specified diseases of the central nervous system (*043.1)	.0	.1	*	.1	*	*	*	*	*
Causing other disorders involving the immune mechanism (*043.2)	*	*	*	*	*	*	*	*	*
Causing other specified conditions (*043.3)	.0	.1	*	.1	*	.1	*	.2	*
Acquired immunodeficiency syndrome-related complex, unspecified (*043.9)	.0	.0	*	.0	*	*	*	*	*
Other human immunodeficiency virus infection (*044)	.3	.5	.1	.3	.0	1.3	.3	1.7	.4
Causing specified acute infections (*044.0)	*	*	*	*	*	*	*	*	*
Human immunodeficiency virus infection, unspecified (*044.9)	.3	.5	.1	.3	.0	1.3	.3	1.7	.4

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Poliomyelitis and other non-arthropod-borne viral diseases of central nervous system (045-049)	473	256	217	222	188	34	29	27	26
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-
Acute paralytic poliomyelitis specified as bulbar (045.0)	-	-	-	-	-	-	-	-	-
Acute poliomyelitis with other paralysis (045.1)	-	-	-	-	-	-	-	-	-
Acute nonparalytic poliomyelitis (045.2)	-	-	-	-	-	-	-	-	-
Acute poliomyelitis, unspecified (045.9)	-	-	-	-	-	-	-	-	-
Slow virus infection of central nervous system (046)	241	126	115	115	112	11	3	8	3
Kuru (046.0)	-	-	-	-	-	-	-	-	-
Jakob-Creutzfeldt disease (046.1)	178	87	91	82	91	5	-	3	-
Subacute sclerosing panencephalitis (046.2)	13	5	8	3	7	2	1	1	1
Progressive multifocal leucoencephalopathy (046.3)	50	34	16	30	14	4	2	4	2
Other (046.8)	-	-	-	-	-	-	-	-	-
Unspecified (046.9)	-	-	-	-	-	-	-	-	-
Meningitis due to enterovirus (047)	50	32	18	22	9	10	9	8	8
Coxsackie virus (047.0)	-	-	-	-	-	-	-	-	-
ECHO virus (047.1)	-	-	-	-	-	-	-	-	-
Other (047.8)	-	-	-	-	-	-	-	-	-
Unspecified (047.9)	50	32	18	22	9	10	9	8	8
Other enterovirus diseases of central nervous system (048)	30	17	13	14	11	3	2	3	1
Other non-arthropod-borne viral diseases of central nervous system (049)	152	81	71	71	56	10	15	8	14
Lymphocytic choriomeningitis (049.0)	11	5	6	5	6	-	-	-	-
Meningitis due to adenovirus (049.1)	-	-	-	-	-	-	-	-	-
Other (049.8)	11	6	5	5	3	1	2	-	2
Unspecified (049.9)	130	70	60	61	47	9	13	8	12
Viral diseases accompanied by exanthem (050-057)	503	233	270	184	220	49	50	32	37
Smallpox (050)	-	-	-	-	-	-	-	-	-
Variola major (050.0)	-	-	-	-	-	-	-	-	-
Alastrim (050.1)	-	-	-	-	-	-	-	-	-
Modified smallpox (050.2)	-	-	-	-	-	-	-	-	-
Smallpox, unspecified (050.9)	-	-	-	-	-	-	-	-	-
Cowpox and paravaccinia (051)	-	-	-	-	-	-	-	-	-
Cowpox (051.0)	-	-	-	-	-	-	-	-	-
Pseudocowpox (051.1)	-	-	-	-	-	-	-	-	-
Contagious pustular dermatitis (051.2)	-	-	-	-	-	-	-	-	-
Paravaccinia, unspecified (051.9)	-	-	-	-	-	-	-	-	-
Chickenpox (052)	120	61	59	42	43	19	16	11	10
Herpes zoster (053)	114	45	69	42	65	3	4	2	4
With meningitis (053.0)	1	-	1	-	-	-	1	-	1
With other nervous system complications (053.1)	11	2	9	2	9	-	-	-	-
With ophthalmic complications (053.2)	2	2	-	2	-	-	-	-	-
With other complications (053.7)	2	1	1	1	1	-	-	-	-
With unspecified complication (053.8)	-	-	-	-	-	-	-	-	-
Herpes zoster without mention of complication (053.9)	98	40	58	37	55	3	3	2	3
Herpes simplex (054)	195	90	105	75	87	15	18	13	17
Eczema herpeticum (054.0)	-	-	-	-	-	-	-	-	-
Genital herpes (054.1)	-	-	-	-	-	-	-	-	-
Herpetic gingivostomatitis (054.2)	-	-	-	-	-	-	-	-	-
Herpetic meningoencephalitis (054.3)	91	38	53	34	45	4	8	3	7
With ophthalmic complications (054.4)	-	-	-	-	-	-	-	-	-
Herpetic septicemia (054.5)	8	4	4	4	3	-	1	-	1
Herpetic whitlow (054.6)	-	-	-	-	-	-	-	-	-
With other complications (054.7)	30	16	14	13	12	3	2	3	2
With unspecified complication (054.8)	-	-	-	-	-	-	-	-	-
Herpes simplex without mention of complication (054.9)	66	32	34	24	27	8	7	7	7
Measles (055)	64	34	30	23	20	11	10	5	5
Postmeasles encephalitis (055.0)	1	1	-	1	-	-	-	-	-
Postmeasles pneumonia (055.1)	47	24	23	16	16	8	7	3	4
Postmeasles otitis (055.2)	-	-	-	-	-	-	-	-	-
With other complications (055.7)	-	-	-	-	-	-	-	-	-
With unspecified complication (055.8)	2	1	1	-	1	1	-	1	-
Measles without mention of complication (055.9)	14	8	6	6	3	2	3	1	1
Rubella (056)	8	2	6	2	4	-	2	-	1
With neurological complications (056.0)	1	-	1	-	1	-	-	-	-
With other complications (056.7)	-	-	-	-	-	-	-	-	-
With unspecified complication (056.8)	-	-	-	-	-	-	-	-	-
Rubella without mention of complication (056.9)	7	2	5	2	3	-	2	-	1
Other viral exanthemata (057)	2	1	1	-	1	1	-	1	-
Erythema infectiosum (fifth disease) (057.0)	1	1	-	-	-	1	-	1	-
Other (057.8)	-	-	-	-	-	-	-	-	-
Unspecified (057.9)	1	-	1	-	1	-	-	-	-
Arthropod-borne viral diseases (060-066)	17	10	7	7	4	3	3	3	3
Yellow fever (060)	-	-	-	-	-	-	-	-	-
Sylvatic (060.0)	-	-	-	-	-	-	-	-	-
Urban (060.1)	-	-	-	-	-	-	-	-	-
Unspecified (060.9)	-	-	-	-	-	-	-	-	-
Dengue (061)	1	1	-	1	-	-	-	-	-
Mosquito-borne viral encephalitis (062)	15	8	7	5	4	3	3	3	3
Japanese encephalitis (062.0)	-	-	-	-	-	-	-	-	-
Western equine encephalitis (062.1)	-	-	-	-	-	-	-	-	-
Eastern equine encephalitis (062.2)	1	-	1	-	1	-	-	-	-
St. Louis encephalitis (062.3)	13	7	6	4	3	3	3	3	3

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Poliomyelitis and other non-arthropod-borne viral diseases of central nervous system (045-049)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*
Acute paralytic poliomyelitis specified as bulbar (045.0)	*	*	*	*	*	*	*	*	*
Acute poliomyelitis with other paralysis (045.1)	*	*	*	*	*	*	*	*	*
Acute nonparalytic poliomyelitis (045.2)	*	*	*	*	*	*	*	*	*
Acute poliomyelitis, unspecified (045.9)	*	*	*	*	*	*	*	*	*
Slow virus infection of central nervous system (046)	.1	.1	.1	.1	.1	*	*	*	*
Kuru (046.0)	*	*	*	*	*	*	*	*	*
Jakob-Creutzfeldt disease (046.1)	.1	.1	.1	.1	.1	*	*	*	*
Subacute sclerosing panencephalitis (046.2)	*	*	*	*	*	*	*	*	*
Progressive multifocal leucoencephalopathy (046.3)	.0	.0	*	.0	*	*	*	*	*
Other (046.8)	*	*	*	*	*	*	*	*	*
Unspecified (046.9)	*	*	*	*	*	*	*	*	*
Meningitis due to enterovirus (047)	.0	.0	*	.0	*	*	*	*	*
Coxsackie virus (047.0)	*	*	*	*	*	*	*	*	*
ECHO virus (047.1)	*	*	*	*	*	*	*	*	*
Other (047.8)	*	*	*	*	*	*	*	*	*
Unspecified (047.9)	.0	.0	*	.0	*	*	*	*	*
Other enterovirus diseases of central nervous system (048)	.0	*	*	*	*	*	*	*	*
Other non-arthropod-borne viral diseases of central nervous system (049)	.1	.1	.1	.1	.1	*	*	*	*
Lymphocytic choriomeningitis (049.0)	*	*	*	*	*	*	*	*	*
Meningitis due to adenovirus (049.1)	*	*	*	*	*	*	*	*	*
Other (049.8)	*	*	*	*	*	*	*	*	*
Unspecified (049.9)	.1	.1	.0	.1	.0	*	*	*	*
Viral diseases accompanied by exanthem (050-057)	.2	.2	.2	.2	.2	.3	.2	.2	.2
Smallpox (050)	*	*	*	*	*	*	*	*	*
Variola major (050.0)	*	*	*	*	*	*	*	*	*
Alastrim (050.1)	*	*	*	*	*	*	*	*	*
Modified smallpox (050.2)	*	*	*	*	*	*	*	*	*
Smallpox, unspecified (050.9)	*	*	*	*	*	*	*	*	*
Cowpox and paravaccinia (051)	*	*	*	*	*	*	*	*	*
Cowpox (051.0)	*	*	*	*	*	*	*	*	*
Pseudocowpox (051.1)	*	*	*	*	*	*	*	*	*
Contagious pustular dermatitis (051.2)	*	*	*	*	*	*	*	*	*
Paravaccinia, unspecified (051.9)	*	*	*	*	*	*	*	*	*
Chickenpox (052)	.0	.1	.0	.0	.0	*	*	*	*
Herpes zoster (053)	.0	.0	.1	.0	.1	*	*	*	*
With meningitis (053.0)	*	*	*	*	*	*	*	*	*
With other nervous system complications (053.1)	*	*	*	*	*	*	*	*	*
With ophthalmic complications (053.2)	*	*	*	*	*	*	*	*	*
With other complications (053.7)	*	*	*	*	*	*	*	*	*
With unspecified complication (053.8)	*	*	*	*	*	*	*	*	*
Herpes zoster without mention of complication (053.9)	.0	.0	.0	.0	.1	*	*	*	*
Herpes simplex (054)	.1	.1	.1	.1	.1	*	*	*	*
Eczema herpeticum (054.0)	*	*	*	*	*	*	*	*	*
Genital herpes (054.1)	*	*	*	*	*	*	*	*	*
Herpetic gingivostomatitis (054.2)	*	*	*	*	*	*	*	*	*
Herpetic meningoencephalitis (054.3)	.0	.0	.0	.0	.0	*	*	*	*
With ophthalmic complications (054.4)	*	*	*	*	*	*	*	*	*
Herpetic septicemia (054.5)	*	*	*	*	*	*	*	*	*
Herpetic whitlow (054.6)	*	*	*	*	*	*	*	*	*
With other complications (054.7)	.0	*	*	*	*	*	*	*	*
With unspecified complication (054.8)	*	*	*	*	*	*	*	*	*
Herpes simplex without mention of complication (054.9)	.0	.0	.0	.0	.0	*	*	*	*
Measles (055)	.0	.0	.0	.0	.0	*	*	*	*
Postmeasles encephalitis (055.0)	*	*	*	*	*	*	*	*	*
Postmeasles pneumonia (055.1)	.0	.0	.0	*	*	*	*	*	*
Postmeasles otitis (055.2)	*	*	*	*	*	*	*	*	*
With other complications (055.7)	*	*	*	*	*	*	*	*	*
With unspecified complication (055.8)	*	*	*	*	*	*	*	*	*
Measles without mention of complication (055.9)	*	*	*	*	*	*	*	*	*
Rubella (056)	*	*	*	*	*	*	*	*	*
With neurological complications (056.0)	*	*	*	*	*	*	*	*	*
With other complications (056.7)	*	*	*	*	*	*	*	*	*
With unspecified complication (056.8)	*	*	*	*	*	*	*	*	*
Rubella without mention of complication (056.9)	*	*	*	*	*	*	*	*	*
Other viral exanthemata (057)	*	*	*	*	*	*	*	*	*
Erythema infectiosum (fifth disease) (057.0)	*	*	*	*	*	*	*	*	*
Other (057.8)	*	*	*	*	*	*	*	*	*
Unspecified (057.9)	*	*	*	*	*	*	*	*	*
Arthropod-borne viral diseases (060-066)	*	*	*	*	*	*	*	*	*
Yellow fever (060)	*	*	*	*	*	*	*	*	*
Sylvatic (060.0)	*	*	*	*	*	*	*	*	*
Urban (060.1)	*	*	*	*	*	*	*	*	*
Unspecified (060.9)	*	*	*	*	*	*	*	*	*
Dengue (061)	*	*	*	*	*	*	*	*	*
Mosquito-borne viral encephalitis (062)	*	*	*	*	*	*	*	*	*
Japanese encephalitis (062.0)	*	*	*	*	*	*	*	*	*
Western equine encephalitis (062.1)	*	*	*	*	*	*	*	*	*
Eastern equine encephalitis (062.2)	*	*	*	*	*	*	*	*	*
St. Louis encephalitis (062.3)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Mosquito-borne viral encephalitis-Con.									
Australian encephalitis (062.4)	-	-	-	-	-	-	-	-	-
California virus encephalitis (062.5)	-	-	-	-	-	-	-	-	-
Other (062.8)	-	-	-	-	-	-	-	-	-
Unspecified (062.9)	1	1	-	1	-	-	-	-	-
Tick-borne viral encephalitis (063)	-	-	-	-	-	-	-	-	-
Russian spring-summer (taiga) encephalitis (063.0)	-	-	-	-	-	-	-	-	-
Louping ill (063.1)	-	-	-	-	-	-	-	-	-
Central European encephalitis (063.2)	-	-	-	-	-	-	-	-	-
Other (063.8)	-	-	-	-	-	-	-	-	-
Unspecified (063.9)	-	-	-	-	-	-	-	-	-
Viral encephalitis transmitted by other and unspecified arthropods (064)	-	-	-	-	-	-	-	-	-
Arthropod-borne hemorrhagic fever (065)	1	1	-	1	-	-	-	-	-
Crimean hemorrhagic fever (CHF Congo virus) (065.0)	-	-	-	-	-	-	-	-	-
Omsk hemorrhagic fever (065.1)	-	-	-	-	-	-	-	-	-
Kyasanur Forest disease (065.2)	-	-	-	-	-	-	-	-	-
Other tick-borne hemorrhagic fever (065.3)	-	-	-	-	-	-	-	-	-
Mosquito-borne hemorrhagic fever (065.4)	-	-	-	-	-	-	-	-	-
Other (065.8)	-	-	-	-	-	-	-	-	-
Unspecified (065.9)	1	1	-	1	-	-	-	-	-
Other arthropod-borne viral diseases (066)	-	-	-	-	-	-	-	-	-
Phlebotomus fever (066.0)	-	-	-	-	-	-	-	-	-
Tick-borne fever (066.1)	-	-	-	-	-	-	-	-	-
Venezuelan equine fever (066.2)	-	-	-	-	-	-	-	-	-
Other mosquito-borne fever (066.3)	-	-	-	-	-	-	-	-	-
Other (066.8)	-	-	-	-	-	-	-	-	-
Unspecified (066.9)	-	-	-	-	-	-	-	-	-
Other diseases due to viruses and Chlamydiae (070-079)	2,305	1,317	988	1,080	812	237	176	162	135
Viral hepatitis (070)	1,578	927	651	755	510	172	141	105	107
Viral hepatitis A with hepatic coma (070.0)	3	1	2	1	2	-	-	-	-
Viral hepatitis A without mention of hepatic coma (070.1)	73	32	41	24	35	8	6	6	6
Viral hepatitis B with hepatic coma (070.2)	80	48	32	42	21	6	11	4	9
Viral hepatitis B without mention of hepatic coma (070.3)	736	500	236	395	183	105	53	52	38
Other specified viral hepatitis with hepatic coma (070.4)	4	4	-	4	-	-	-	-	-
Other specified viral hepatitis without mention of hepatic coma (070.5)	74	35	39	33	29	2	10	1	7
Unspecified viral hepatitis with hepatic coma (070.6)	53	31	22	30	19	1	3	-	2
Unspecified viral hepatitis without mention of hepatic coma (070.9)	555	276	279	226	221	50	58	42	45
Rabies (071)	1	1	-	1	-	-	-	-	-
Mumps (072)	1	1	-	1	-	-	-	-	-
Mumps orchitis (072.0)	-	-	...	-	...	-	...	-	...
Mumps meningitis (072.1)	-	-	-	-	-	-	-	-	-
Mumps encephalitis (072.2)	-	-	-	-	-	-	-	-	-
Mumps pancreatitis (072.3)	-	-	-	-	-	-	-	-	-
Mumps with other complications (072.7)	-	-	-	-	-	-	-	-	-
Mumps with unspecified complication (072.8)	-	-	-	-	-	-	-	-	-
Mumps without mention of complication (072.9)	1	1	-	1	-	-	-	-	-
Ornithosis (073)	2	2	-	2	-	-	-	-	-
Specific diseases due to Coxsackie virus (074)	6	3	3	1	2	2	1	1	1
Herpangina (074.0)	-	-	-	-	-	-	-	-	-
Epidemic pleurodynia (074.1)	-	-	-	-	-	-	-	-	-
Coxsackie carditis (074.2)	6	3	3	1	2	2	1	1	1
Hand, foot, and mouth disease (074.3)	-	-	-	-	-	-	-	-	-
Other (074.8)	-	-	-	-	-	-	-	-	-
Infectious mononucleosis (075)	13	7	6	6	6	1	-	1	-
Trachoma (076)	-	-	-	-	-	-	-	-	-
Initial stage (076.0)	-	-	-	-	-	-	-	-	-
Active stage (076.1)	-	-	-	-	-	-	-	-	-
Unspecified (076.9)	-	-	-	-	-	-	-	-	-
Other diseases of conjunctiva due to viruses and Chlamydiae (077)	-	-	-	-	-	-	-	-	-
Inclusion conjunctivitis (077.0)	-	-	-	-	-	-	-	-	-
Epidemic keratoconjunctivitis (077.1)	-	-	-	-	-	-	-	-	-
Pharyngoconjunctival fever (077.2)	-	-	-	-	-	-	-	-	-
Other adenoviral conjunctivitis (077.3)	-	-	-	-	-	-	-	-	-
Epidemic hemorrhagic conjunctivitis (077.4)	-	-	-	-	-	-	-	-	-
Other viral conjunctivitis (077.8)	-	-	-	-	-	-	-	-	-
Unspecified (077.9)	-	-	-	-	-	-	-	-	-
Other diseases due to viruses and Chlamydiae (078)	348	215	133	183	121	32	12	30	10
Molluscum contagiosum (078.0)	-	-	-	-	-	-	-	-	-
Viral warts (078.1)	-	-	-	-	-	-	-	-	-
Sweating fever (078.2)	-	-	-	-	-	-	-	-	-
Cat-scratch disease (078.3)	-	-	-	-	-	-	-	-	-
Foot and mouth disease (078.4)	1	1	-	1	-	-	-	-	-
Cytomegalic inclusion disease (078.5)	280	181	99	152	87	29	12	27	10
Hemorrhagic nephrosonephritis (078.6)	-	-	-	-	-	-	-	-	-
Arenaviral hemorrhagic fever (078.7)	-	-	-	-	-	-	-	-	-
Other (078.8)	67	33	34	30	34	3	-	3	-
Viral infection of unspecified site (079)	356	161	195	131	173	30	22	25	17
Adenovirus (079.0)	4	3	1	2	-	1	1	-	1
ECHO virus (079.1)	1	1	-	1	-	-	-	-	-
Coxsackie virus (079.2)	2	1	1	1	1	-	-	-	-
Rhinovirus (079.3)	-	-	-	-	-	-	-	-	-
Other (079.8)	22	15	7	11	5	4	2	4	2
Unspecified (079.9)	327	141	186	116	167	25	19	21	14

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Mosquito-borne viral encephalitis-Con.									
Australian encephalitis (062.4)	*	*	*	*	*	*	*	*	*
California virus encephalitis (062.5)	*	*	*	*	*	*	*	*	*
Other (062.8)	*	*	*	*	*	*	*	*	*
Unspecified (062.9)	*	*	*	*	*	*	*	*	*
Tick-borne viral encephalitis (063)	*	*	*	*	*	*	*	*	*
Russian spring-summer (taiga) encephalitis (063.0)	*	*	*	*	*	*	*	*	*
Louping ill (063.1)	*	*	*	*	*	*	*	*	*
Central European encephalitis (063.2)	*	*	*	*	*	*	*	*	*
Other (063.8)	*	*	*	*	*	*	*	*	*
Unspecified (063.9)	*	*	*	*	*	*	*	*	*
Viral encephalitis transmitted by other and unspecified arthropods (064)	*	*	*	*	*	*	*	*	*
Arthropod-borne hemorrhagic fever (065)	*	*	*	*	*	*	*	*	*
Crimean hemorrhagic fever (CHF Congo virus) (065.0)	*	*	*	*	*	*	*	*	*
Omsk hemorrhagic fever (065.1)	*	*	*	*	*	*	*	*	*
Kyasanur Forest disease (065.2)	*	*	*	*	*	*	*	*	*
Other tick-borne hemorrhagic fever (065.3)	*	*	*	*	*	*	*	*	*
Mosquito-borne hemorrhagic fever (065.4)	*	*	*	*	*	*	*	*	*
Other (065.8)	*	*	*	*	*	*	*	*	*
Unspecified (065.9)	*	*	*	*	*	*	*	*	*
Other arthropod-borne viral diseases (066)	*	*	*	*	*	*	*	*	*
Phlebotomus fever (066.0)	*	*	*	*	*	*	*	*	*
Tick-borne fever (066.1)	*	*	*	*	*	*	*	*	*
Venezuelan equine fever (066.2)	*	*	*	*	*	*	*	*	*
Other mosquito-borne fever (066.3)	*	*	*	*	*	*	*	*	*
Other (066.8)	*	*	*	*	*	*	*	*	*
Unspecified (066.9)	*	*	*	*	*	*	*	*	*
Other diseases due to viruses and Chlamydiae (070-079)	0.9	1.1	0.8	1.1	0.8	1.2	0.8	1.1	0.8
Viral hepatitis (070)	.6	.8	.5	.7	.5	.9	.7	.7	.7
Viral hepatitis A with hepatic coma (070.0)	*	*	*	*	*	*	*	*	*
Viral hepatitis A without mention of hepatic coma (070.1)	.0	.0	.0	.0	.0	*	*	*	*
Viral hepatitis B with hepatic coma (070.2)	.0	.0	.0	.0	.0	*	*	*	*
Viral hepatitis B without mention of hepatic coma (070.3)	.3	.4	.2	.4	.2	.5	.3	.4	.2
Other specified viral hepatitis with hepatic coma (070.4)	*	*	*	*	*	*	*	*	*
Other specified viral hepatitis without mention of hepatic coma (070.5)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified viral hepatitis with hepatic coma (070.6)	.0	.0	.0	.0	*	*	*	*	*
Unspecified viral hepatitis without mention of hepatic coma (070.9)	.2	.2	.2	.2	.2	.3	.3	.3	.3
Rabies (071)	*	*	*	*	*	*	*	*	*
Mumps (072)	*	*	*	*	*	*	*	*	*
Mumps orchitis (072.0)	*	*	...	*	...	*	...	*	...
Mumps meningitis (072.1)	*	*	*	*	*	*	*	*	*
Mumps encephalitis (072.2)	*	*	*	*	*	*	*	*	*
Mumps pancreatitis (072.3)	*	*	*	*	*	*	*	*	*
Mumps with other complications (072.7)	*	*	*	*	*	*	*	*	*
Mumps with unspecified complication (072.8)	*	*	*	*	*	*	*	*	*
Mumps without mention of complication (072.9)	*	*	*	*	*	*	*	*	*
Ornithosis (073)	*	*	*	*	*	*	*	*	*
Specific diseases due to Coxsackie virus (074)	*	*	*	*	*	*	*	*	*
Herpangina (074.0)	*	*	*	*	*	*	*	*	*
Epidemic pleurodynia (074.1)	*	*	*	*	*	*	*	*	*
Coxsackie carditis (074.2)	*	*	*	*	*	*	*	*	*
Hand, foot, and mouth disease (074.3)	*	*	*	*	*	*	*	*	*
Other (074.8)	*	*	*	*	*	*	*	*	*
Infectious mononucleosis (075)	*	*	*	*	*	*	*	*	*
Trachoma (076)	*	*	*	*	*	*	*	*	*
Initial stage (076.0)	*	*	*	*	*	*	*	*	*
Active stage (076.1)	*	*	*	*	*	*	*	*	*
Unspecified (076.9)	*	*	*	*	*	*	*	*	*
Other diseases of conjunctiva due to viruses and Chlamydiae (077)	*	*	*	*	*	*	*	*	*
Inclusion conjunctivitis (077.0)	*	*	*	*	*	*	*	*	*
Epidemic keratoconjunctivitis (077.1)	*	*	*	*	*	*	*	*	*
Pharyngoconjunctival fever (077.2)	*	*	*	*	*	*	*	*	*
Other adenoviral conjunctivitis (077.3)	*	*	*	*	*	*	*	*	*
Epidemic hemorrhagic conjunctivitis (077.4)	*	*	*	*	*	*	*	*	*
Other viral conjunctivitis (077.8)	*	*	*	*	*	*	*	*	*
Unspecified (077.9)	*	*	*	*	*	*	*	*	*
Other diseases due to viruses and Chlamydiae (078)	.1	.2	.1	.2	.1	.2	*	.2	*
Molluscum contagiosum (078.0)	*	*	*	*	*	*	*	*	*
Viral warts (078.1)	*	*	*	*	*	*	*	*	*
Sweating fever (078.2)	*	*	*	*	*	*	*	*	*
Cat-scratch disease (078.3)	*	*	*	*	*	*	*	*	*
Foot and mouth disease (078.4)	*	*	*	*	*	*	*	*	*
Cytomegalic inclusion disease (078.5)	.1	.1	.1	.1	.1	.2	*	.2	*
Hemorrhagic nephrosonephritis (078.6)	*	*	*	*	*	*	*	*	*
Arenaviral hemorrhagic fever (078.7)	*	*	*	*	*	*	*	*	*
Other (078.8)	.0	.0	.0	.0	.0	*	*	*	*
Viral infection of unspecified site (079)	.1	.1	.2	.1	.2	.2	.1	.2	*
Adenovirus (079.0)	*	*	*	*	*	*	*	*	*
ECHO virus (079.1)	*	*	*	*	*	*	*	*	*
Coxsackie virus (079.2)	*	*	*	*	*	*	*	*	*
Rhinovirus (079.3)	*	*	*	*	*	*	*	*	*
Other (079.8)	.0	*	*	*	*	*	*	*	*
Unspecified (079.9)	.1	.1	.1	.1	.2	.1	*	.1	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Rickettsioses and other arthropod-borne diseases (080-088)	30	17	13	11	11	6	2	5	2
Louse-borne (epidemic) typhus (080)	-	-	-	-	-	-	-	-	-
Other typhus (081)	-	-	-	-	-	-	-	-	-
Murine (endemic) typhus (081.0)	-	-	-	-	-	-	-	-	-
Brill's disease (081.1)	-	-	-	-	-	-	-	-	-
Scrub typhus (081.2)	-	-	-	-	-	-	-	-	-
Unspecified (081.9)	-	-	-	-	-	-	-	-	-
Tick-borne rickettsioses (082)	20	14	6	9	6	5	-	4	-
Spotted fevers (082.0)	20	14	6	9	6	5	-	4	-
Boutonneuse fever (082.1)	-	-	-	-	-	-	-	-	-
North Asian tick fever (082.2)	-	-	-	-	-	-	-	-	-
Queensland tick typhus (082.3)	-	-	-	-	-	-	-	-	-
Other (082.8)	-	-	-	-	-	-	-	-	-
Unspecified (082.9)	-	-	-	-	-	-	-	-	-
Other rickettsioses (083)	1	1	-	1	-	-	-	-	-
Q-fever (083.0)	1	1	-	1	-	-	-	-	-
Trench fever (083.1)	-	-	-	-	-	-	-	-	-
Rickettsialpox (083.2)	-	-	-	-	-	-	-	-	-
Other (083.8)	-	-	-	-	-	-	-	-	-
Unspecified (083.9)	-	-	-	-	-	-	-	-	-
Malaria (084)	3	-	3	-	1	-	2	-	2
Falciparum malaria (malignant tertian) (084.0)	1	-	1	-	-	-	1	-	1
Vivax malaria (benign tertian) (084.1)	-	-	-	-	-	-	-	-	-
Quartan malaria (084.2)	-	-	-	-	-	-	-	-	-
Ovale malaria (084.3)	-	-	-	-	-	-	-	-	-
Other malaria (084.4)	-	-	-	-	-	-	-	-	-
Mixed (084.5)	-	-	-	-	-	-	-	-	-
Unspecified (084.6)	1	-	1	-	1	-	-	-	-
Induced malaria (084.7)	-	-	-	-	-	-	-	-	-
Blackwater fever (084.8)	-	-	-	-	-	-	-	-	-
Other pernicious complications of malaria (084.9)	1	-	1	-	-	-	1	-	1
Leishmaniasis (085)	1	1	-	1	-	-	-	-	-
Visceral (kala-azar) (085.0)	1	1	-	1	-	-	-	-	-
Cutaneous, urban (085.1)	-	-	-	-	-	-	-	-	-
Cutaneous, Asian desert (085.2)	-	-	-	-	-	-	-	-	-
Cutaneous, Ethiopian (085.3)	-	-	-	-	-	-	-	-	-
Cutaneous, American (085.4)	-	-	-	-	-	-	-	-	-
Mucocutaneous, American (085.5)	-	-	-	-	-	-	-	-	-
Unspecified (085.9)	-	-	-	-	-	-	-	-	-
Trypanosomiasis (086)	3	-	3	-	3	-	-	-	-
Chagas' disease with heart involvement (086.0)	3	-	3	-	3	-	-	-	-
Chagas' disease with other organ involvement (086.1)	-	-	-	-	-	-	-	-	-
Chagas' disease without mention of organ involvement (086.2)	-	-	-	-	-	-	-	-	-
Gambian trypanosomiasis (086.3)	-	-	-	-	-	-	-	-	-
Rhodesian trypanosomiasis (086.4)	-	-	-	-	-	-	-	-	-
African trypanosomiasis, unspecified (086.5)	-	-	-	-	-	-	-	-	-
Unspecified (086.9)	-	-	-	-	-	-	-	-	-
Relapsing fever (087)	-	-	-	-	-	-	-	-	-
Louse-borne (087.0)	-	-	-	-	-	-	-	-	-
Tick-borne (087.1)	-	-	-	-	-	-	-	-	-
Unspecified (087.9)	-	-	-	-	-	-	-	-	-
Other arthropod-borne diseases (088)	2	1	1	-	1	1	-	1	-
Bartonellosis (088.0)	-	-	-	-	-	-	-	-	-
Other (088.8)	2	1	1	-	1	1	-	1	-
Unspecified (088.9)	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	112	66	46	24	22	42	24	41	24
Congenital syphilis (090)	35	21	14	6	4	15	10	15	10
Early congenital syphilis, symptomatic (090.0)	-	-	-	-	-	-	-	-	-
Early congenital syphilis, unspecified (090.2)	3	2	1	-	1	2	-	2	-
Syphilitic interstitial keratitis (090.3)	-	-	-	-	-	-	-	-	-
Juvenile neurosyphilis (090.4)	6	4	2	3	2	1	-	1	-
Other late congenital syphilis, symptomatic (090.5)	3	3	-	1	-	2	-	2	-
Late congenital syphilis, unspecified (090.7)	-	-	-	-	-	-	-	-	-
Congenital syphilis, unspecified (090.9)	23	12	11	2	1	10	10	10	10
Early syphilis, symptomatic (091)	-	-	-	-	-	-	-	-	-
Genital syphilis, primary (091.0)	-	-	-	-	-	-	-	-	-
Primary anal syphilis (091.1)	-	-	-	-	-	-	-	-	-
Other primary syphilis (091.2)	-	-	-	-	-	-	-	-	-
Secondary syphilis of skin or mucous membranes (091.3)	-	-	-	-	-	-	-	-	-
Adenopathy due to secondary syphilis (091.4)	-	-	-	-	-	-	-	-	-
Uveitis due to secondary syphilis (091.5)	-	-	-	-	-	-	-	-	-
Secondary syphilis of viscera and bone (091.6)	-	-	-	-	-	-	-	-	-
Secondary syphilis, relapse (091.7)	-	-	-	-	-	-	-	-	-
Other forms of secondary syphilis (091.8)	-	-	-	-	-	-	-	-	-
Unspecified secondary syphilis (091.9)	-	-	-	-	-	-	-	-	-
Cardiovascular syphilis (093)	12	9	3	2	2	7	1	7	1
Aneurysm of aorta, specified as syphilitic (093.0)	1	1	-	-	-	1	-	1	-
Syphilitic aortitis (093.1)	2	-	2	-	1	-	1	-	1
Syphilitic endocarditis (093.2)	4	3	1	2	1	1	-	1	-
Other (093.8)	5	5	-	-	-	5	-	5	-
Unspecified (093.9)	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	47	25	22	12	11	13	11	12	11
Tabes dorsalis (094.0)	6	4	2	2	1	2	1	2	1
General paresis (094.1)	9	3	6	2	4	1	2	1	2
Syphilitic meningitis (094.2)	2	2	-	2	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Rickettsioses and other arthropod-borne diseases (080-088)	0.0	*	*	*	*	*	*	*	*
Louse-borne (epidemic) typhus (080)	*	*	*	*	*	*	*	*	*
Other typhus (081)	*	*	*	*	*	*	*	*	*
Murine (endemic) typhus (081.0)	*	*	*	*	*	*	*	*	*
Brill's disease (081.1)	*	*	*	*	*	*	*	*	*
Scrub typhus (081.2)	*	*	*	*	*	*	*	*	*
Unspecified (081.9)	*	*	*	*	*	*	*	*	*
Tick-borne rickettsioses (082)	.0	*	*	*	*	*	*	*	*
Spotted fevers (082.0)	.0	*	*	*	*	*	*	*	*
Boutonneuse fever (082.1)	*	*	*	*	*	*	*	*	*
North Asian tick fever (082.2)	*	*	*	*	*	*	*	*	*
Queensland tick typhus (082.3)	*	*	*	*	*	*	*	*	*
Other (082.8)	*	*	*	*	*	*	*	*	*
Unspecified (082.9)	*	*	*	*	*	*	*	*	*
Other rickettsioses (083)	*	*	*	*	*	*	*	*	*
Q-fever (083.0)	*	*	*	*	*	*	*	*	*
Trench fever (083.1)	*	*	*	*	*	*	*	*	*
Rickettsialpox (083.2)	*	*	*	*	*	*	*	*	*
Other (083.8)	*	*	*	*	*	*	*	*	*
Unspecified (083.9)	*	*	*	*	*	*	*	*	*
Malaria (084)	*	*	*	*	*	*	*	*	*
Falciparum malaria (malignant tertian) (084.0)	*	*	*	*	*	*	*	*	*
Vivax malaria (benign tertian) (084.1)	*	*	*	*	*	*	*	*	*
Quartan malaria (084.2)	*	*	*	*	*	*	*	*	*
Ovale malaria (084.3)	*	*	*	*	*	*	*	*	*
Other malaria (084.4)	*	*	*	*	*	*	*	*	*
Mixed (084.5)	*	*	*	*	*	*	*	*	*
Unspecified (084.6)	*	*	*	*	*	*	*	*	*
Induced malaria (084.7)	*	*	*	*	*	*	*	*	*
Blackwater fever (084.8)	*	*	*	*	*	*	*	*	*
Other pernicious complications of malaria (084.9)	*	*	*	*	*	*	*	*	*
Leishmaniasis (085)	*	*	*	*	*	*	*	*	*
Visceral (kala-azar) (085.0)	*	*	*	*	*	*	*	*	*
Cutaneous, urban (085.1)	*	*	*	*	*	*	*	*	*
Cutaneous, Asian desert (085.2)	*	*	*	*	*	*	*	*	*
Cutaneous, Ethiopian (085.3)	*	*	*	*	*	*	*	*	*
Cutaneous, American (085.4)	*	*	*	*	*	*	*	*	*
Mucocutaneous, American (085.5)	*	*	*	*	*	*	*	*	*
Unspecified (085.9)	*	*	*	*	*	*	*	*	*
Trypanosomiasis (086)	*	*	*	*	*	*	*	*	*
Chagas' disease with heart involvement (086.0)	*	*	*	*	*	*	*	*	*
Chagas' disease with other organ involvement (086.1)	*	*	*	*	*	*	*	*	*
Chagas' disease without mention of organ involvement (086.2)	*	*	*	*	*	*	*	*	*
Gambian trypanosomiasis (086.3)	*	*	*	*	*	*	*	*	*
Rhodesian trypanosomiasis (086.4)	*	*	*	*	*	*	*	*	*
African trypanosomiasis, unspecified (086.5)	*	*	*	*	*	*	*	*	*
Unspecified (086.9)	*	*	*	*	*	*	*	*	*
Relapsing fever (087)	*	*	*	*	*	*	*	*	*
Louse-borne (087.0)	*	*	*	*	*	*	*	*	*
Tick-borne (087.1)	*	*	*	*	*	*	*	*	*
Unspecified (087.9)	*	*	*	*	*	*	*	*	*
Other arthropod-borne diseases (088)	*	*	*	*	*	*	*	*	*
Bartonellosis (088.0)	*	*	*	*	*	*	*	*	*
Other (088.8)	*	*	*	*	*	*	*	*	*
Unspecified (088.9)	*	*	*	*	*	*	*	*	*
Syphilis and other venereal diseases (090-099)	.0	0.1	0.0	0.0	0.0	0.2	0.1	0.3	0.1
Congenital syphilis (090)	.0	.0	*	*	*	*	*	*	*
Early congenital syphilis, symptomatic (090.0)	*	*	*	*	*	*	*	*	*
Early congenital syphilis, unspecified (090.2)	*	*	*	*	*	*	*	*	*
Syphilitic interstitial keratitis (090.3)	*	*	*	*	*	*	*	*	*
Juvenile neurosyphilis (090.4)	*	*	*	*	*	*	*	*	*
Other late congenital syphilis, symptomatic (090.5)	*	*	*	*	*	*	*	*	*
Late congenital syphilis, unspecified (090.7)	*	*	*	*	*	*	*	*	*
Congenital syphilis, unspecified (090.9)	.0	*	*	*	*	*	*	*	*
Early syphilis, symptomatic (091)	*	*	*	*	*	*	*	*	*
Genital syphilis, primary (091.0)	*	*	*	*	*	*	*	*	*
Primary anal syphilis (091.1)	*	*	*	*	*	*	*	*	*
Other primary syphilis (091.2)	*	*	*	*	*	*	*	*	*
Secondary syphilis of skin or mucous membranes (091.3)	*	*	*	*	*	*	*	*	*
Adenopathy due to secondary syphilis (091.4)	*	*	*	*	*	*	*	*	*
Uveitis due to secondary syphilis (091.5)	*	*	*	*	*	*	*	*	*
Secondary syphilis of viscera and bone (091.6)	*	*	*	*	*	*	*	*	*
Secondary syphilis, relapse (091.7)	*	*	*	*	*	*	*	*	*
Other forms of secondary syphilis (091.8)	*	*	*	*	*	*	*	*	*
Unspecified secondary syphilis (091.9)	*	*	*	*	*	*	*	*	*
Cardiovascular syphilis (093)	*	*	*	*	*	*	*	*	*
Aneurysm of aorta, specified as syphilitic (093.0)	*	*	*	*	*	*	*	*	*
Syphilitic aortitis (093.1)	*	*	*	*	*	*	*	*	*
Syphilitic endocarditis (093.2)	*	*	*	*	*	*	*	*	*
Other (093.8)	*	*	*	*	*	*	*	*	*
Unspecified (093.9)	*	*	*	*	*	*	*	*	*
Neurosyphilis (094)	.0	.0	.0	*	*	*	*	*	*
Tabes dorsalis (094.0)	*	*	*	*	*	*	*	*	*
General paresis (094.1)	*	*	*	*	*	*	*	*	*
Syphilitic meningitis (094.2)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Neurosyphilis-Con.									
Other (094.8)	7	3	4	1	-	2	4	2	4
Unspecified (094.9)	23	13	10	5	6	8	4	7	4
Other forms of late syphilis with symptoms (095)	-	-	-	-	-	-	-	-	-
Other and unspecified syphilis (097)	12	8	4	1	3	7	1	7	1
Late syphilis, unspecified (097.0)	7	4	3	-	3	4	-	4	-
Syphilis, unspecified (097.9)	5	4	1	1	-	3	1	3	1
Gonococcal infections (098)	3	2	1	2	1	-	-	-	-
Acute, of lower genitourinary tract (098.0)	3	2	1	2	1	-	-	-	-
Acute, of upper genitourinary tract (098.1)	-	-	-	-	-	-	-	-	-
Chronic, of lower genitourinary tract (098.2)	-	-	-	-	-	-	-	-	-
Chronic, of upper genitourinary tract (098.3)	-	-	-	-	-	-	-	-	-
Of eye (098.4)	-	-	-	-	-	-	-	-	-
Of joint (098.5)	-	-	-	-	-	-	-	-	-
Of pharynx (098.6)	-	-	-	-	-	-	-	-	-
Of anus and rectum (098.7)	-	-	-	-	-	-	-	-	-
Of other sites (098.8)	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	3	1	2	1	1	-	1	-	1
Chancroid (099.0)	-	-	-	-	-	-	-	-	-
Lymphogranuloma venereum (099.1)	2	-	2	-	1	-	1	-	1
Granuloma inguinale (099.2)	-	-	-	-	-	-	-	-	-
Reiter's disease (099.3)	1	1	-	1	-	-	-	-	-
Other nongonococcal urethritis (099.4)	-	-	-	-	-	-	-	-	-
Other (099.8)	-	-	-	-	-	-	-	-	-
Unspecified (099.9)	-	-	-	-	-	-	-	-	-
Other spirochetal diseases (100-104)	2	1	1	1	1	-	-	-	-
Leptospirosis (100)	2	1	1	1	1	-	-	-	-
Leptospirosis icterohemorrhagica (100.0)	-	-	-	-	-	-	-	-	-
Other (100.8)	1	-	1	-	1	-	-	-	-
Unspecified (100.9)	1	1	-	1	-	-	-	-	-
Vincent's angina (101)	-	-	-	-	-	-	-	-	-
Yaws (102)	-	-	-	-	-	-	-	-	-
Initial lesions (102.0)	-	-	-	-	-	-	-	-	-
Multiple papillomata and wet crab yaws (102.1)	-	-	-	-	-	-	-	-	-
Other early skin lesions (102.2)	-	-	-	-	-	-	-	-	-
Hyperkeratosis (102.3)	-	-	-	-	-	-	-	-	-
Gummata and ulcers (102.4)	-	-	-	-	-	-	-	-	-
Gangosa (102.5)	-	-	-	-	-	-	-	-	-
Bone and joint lesions (102.6)	-	-	-	-	-	-	-	-	-
Other manifestations (102.7)	-	-	-	-	-	-	-	-	-
Yaws, unspecified (102.9)	-	-	-	-	-	-	-	-	-
Pinta (103)	-	-	-	-	-	-	-	-	-
Primary lesions (103.0)	-	-	-	-	-	-	-	-	-
Intermediate lesions (103.1)	-	-	-	-	-	-	-	-	-
Late lesions (103.2)	-	-	-	-	-	-	-	-	-
Mixed lesions (103.3)	-	-	-	-	-	-	-	-	-
Unspecified (103.9)	-	-	-	-	-	-	-	-	-
Other spirochetal infection (104)	-	-	-	-	-	-	-	-	-
Nonvenereal endemic syphilis (104.0)	-	-	-	-	-	-	-	-	-
Other (104.8)	-	-	-	-	-	-	-	-	-
Unspecified (104.9)	-	-	-	-	-	-	-	-	-
Mycoses (110-118)	2,222	1,271	951	1,002	729	269	222	235	204
Dermatophytosis (110)	2	2	-	2	-	-	-	-	-
Of scalp and beard (110.0)	-	-	-	-	-	-	-	-	-
Of nail (110.1)	-	-	-	-	-	-	-	-	-
Of hand (110.2)	-	-	-	-	-	-	-	-	-
Of groin and perianal area (110.3)	-	-	-	-	-	-	-	-	-
Of foot (110.4)	-	-	-	-	-	-	-	-	-
Of the body (110.5)	-	-	-	-	-	-	-	-	-
Deep-seated dermatophytosis (110.6)	-	-	-	-	-	-	-	-	-
Of other sites (110.8)	-	-	-	-	-	-	-	-	-
Of unspecified site (110.9)	2	2	-	2	-	-	-	-	-
Dermatomycosis, other and unspecified (111)	4	2	2	1	1	1	1	1	1
Pityriasis versicolor (111.0)	1	1	-	-	-	1	-	1	-
Tinea nigra (111.1)	-	-	-	-	-	-	-	-	-
Tinea blanca (111.2)	-	-	-	-	-	-	-	-	-
Black piedra (111.3)	-	-	-	-	-	-	-	-	-
Other (111.8)	-	-	-	-	-	-	-	-	-
Unspecified (111.9)	3	1	2	1	1	-	1	-	1
Candidiasis (112)	915	439	476	364	363	75	113	63	104
Of mouth (112.0)	8	4	4	4	3	-	1	-	1
Of vulva and vagina (112.1)	-	...	-	...	-	...	-	...	-
Of other urogenital sites (112.2)	9	4	5	3	5	1	-	1	-
Of skin and nails (112.3)	-	-	-	-	-	-	-	-	-
Of lung (112.4)	87	48	39	41	29	7	10	6	8
Disseminated (112.5)	563	252	311	209	238	43	73	35	67
Of other sites (112.8)	57	27	30	22	23	5	7	5	6
Of unspecified site (112.9)	191	104	87	85	65	19	22	16	22
Coccidioidomycosis (114)	54	43	11	32	9	11	2	6	1
Histoplasmosis (115)	69	51	18	39	13	12	5	12	5
Infection by Histoplasma capsulatum (115.0)	8	7	1	6	-	1	1	1	1
Infection by Histoplasma duboisii (115.1)	-	-	-	-	-	-	-	-	-
Unspecified (115.9)	61	44	17	33	13	11	4	11	4

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

(Page 14 of 140)

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Neurosyphilis-Con.									
Other (094.8)	*	*	*	*	*	*	*	*	*
Unspecified (094.9)	0.0	*	*	*	*	*	*	*	*
Other forms of late syphilis with symptoms (095)	*	*	*	*	*	*	*	*	*
Other and unspecified syphilis (097)	*	*	*	*	*	*	*	*	*
Late syphilis, unspecified (097.0)	*	*	*	*	*	*	*	*	*
Syphilis, unspecified (097.9)	*	*	*	*	*	*	*	*	*
Gonococcal infections (098)	*	*	*	*	*	*	*	*	*
Acute, of lower genitourinary tract (098.0)	*	*	*	*	*	*	*	*	*
Acute, of upper genitourinary tract (098.1)	*	*	*	*	*	*	*	*	*
Chronic, of lower genitourinary tract (098.2)	*	*	*	*	*	*	*	*	*
Chronic, of upper genitourinary tract (098.3)	*	*	*	*	*	*	*	*	*
Of eye (098.4)	*	*	*	*	*	*	*	*	*
Of joint (098.5)	*	*	*	*	*	*	*	*	*
Of pharynx (098.6)	*	*	*	*	*	*	*	*	*
Of anus and rectum (098.7)	*	*	*	*	*	*	*	*	*
Of other sites (098.8)	*	*	*	*	*	*	*	*	*
Other venereal diseases (099)	*	*	*	*	*	*	*	*	*
Chancroid (099.0)	*	*	*	*	*	*	*	*	*
Lymphogranuloma venereum (099.1)	*	*	*	*	*	*	*	*	*
Granuloma inguinale (099.2)	*	*	*	*	*	*	*	*	*
Reiter's disease (099.3)	*	*	*	*	*	*	*	*	*
Other nongonococcal urethritis (099.4)	*	*	*	*	*	*	*	*	*
Other (099.8)	*	*	*	*	*	*	*	*	*
Unspecified (099.9)	*	*	*	*	*	*	*	*	*
Other spirochetal diseases (100-104)	*	*	*	*	*	*	*	*	*
Leptospirosis (100)	*	*	*	*	*	*	*	*	*
Leptospirosis icterohemorrhagica (100.0)	*	*	*	*	*	*	*	*	*
Other (100.8)	*	*	*	*	*	*	*	*	*
Unspecified (100.9)	*	*	*	*	*	*	*	*	*
Vincent's angina (101)	*	*	*	*	*	*	*	*	*
Yaws (102)	*	*	*	*	*	*	*	*	*
Initial lesions (102.0)	*	*	*	*	*	*	*	*	*
Multiple papillomata and wet crab yaws (102.1)	*	*	*	*	*	*	*	*	*
Other early skin lesions (102.2)	*	*	*	*	*	*	*	*	*
Hyperkeratosis (102.3)	*	*	*	*	*	*	*	*	*
Gummata and ulcers (102.4)	*	*	*	*	*	*	*	*	*
Gangosa (102.5)	*	*	*	*	*	*	*	*	*
Bone and joint lesions (102.6)	*	*	*	*	*	*	*	*	*
Other manifestations (102.7)	*	*	*	*	*	*	*	*	*
Yaws, unspecified (102.9)	*	*	*	*	*	*	*	*	*
Pinta (103)	*	*	*	*	*	*	*	*	*
Primary lesions (103.0)	*	*	*	*	*	*	*	*	*
Intermediate lesions (103.1)	*	*	*	*	*	*	*	*	*
Late lesions (103.2)	*	*	*	*	*	*	*	*	*
Mixed lesions (103.3)	*	*	*	*	*	*	*	*	*
Unspecified (103.9)	*	*	*	*	*	*	*	*	*
Other spirochetal infection (104)	*	*	*	*	*	*	*	*	*
Nonvenereal endemic syphilis (104.0)	*	*	*	*	*	*	*	*	*
Other (104.8)	*	*	*	*	*	*	*	*	*
Unspecified (104.9)	*	*	*	*	*	*	*	*	*
Mycoses (110-118)	.9	1.0	0.7	1.0	0.7	1.4	1.1	1.6	1.3
Dermatophytosis (110)	*	*	*	*	*	*	*	*	*
Of scalp and beard (110.0)	*	*	*	*	*	*	*	*	*
Of nail (110.1)	*	*	*	*	*	*	*	*	*
Of hand (110.2)	*	*	*	*	*	*	*	*	*
Of groin and perianal area (110.3)	*	*	*	*	*	*	*	*	*
Of foot (110.4)	*	*	*	*	*	*	*	*	*
Of the body (110.5)	*	*	*	*	*	*	*	*	*
Deep-seated dermatophytosis (110.6)	*	*	*	*	*	*	*	*	*
Of other sites (110.8)	*	*	*	*	*	*	*	*	*
Of unspecified site (110.9)	*	*	*	*	*	*	*	*	*
Dermatomycosis, other and unspecified (111)	*	*	*	*	*	*	*	*	*
Pityriasis versicolor (111.0)	*	*	*	*	*	*	*	*	*
Tinea nigra (111.1)	*	*	*	*	*	*	*	*	*
Tinea blanca (111.2)	*	*	*	*	*	*	*	*	*
Black piedra (111.3)	*	*	*	*	*	*	*	*	*
Other (111.8)	*	*	*	*	*	*	*	*	*
Unspecified (111.9)	*	*	*	*	*	*	*	*	*
Candidiasis (112)	.4	.4	.4	.4	.3	.4	.5	.4	.6
Of mouth (112.0)	*	*	*	*	*	*	*	*	*
Of vulva and vagina (112.1)	*	...	*	...	*	...	*	...	*
Of other urogenital sites (112.2)	*	*	*	*	*	*	*	*	*
Of skin and nails (112.3)	*	*	*	*	*	*	*	*	*
Of lung (112.4)	.0	.0	.0	.0	.0	*	*	*	*
Disseminated (112.5)	.2	.2	.2	.2	.2	.2	.3	.2	.4
Of other sites (112.8)	.0	.0	.0	.0	.0	*	*	*	*
Of unspecified site (112.9)	.1	.1	.1	.1	.1	*	.1	*	.1
Coccidioidomycosis (114)	.0	.0	*	.0	*	*	*	*	*
Histoplasmosis (115)	.0	.0	*	.0	*	*	*	*	*
Infection by Histoplasma capsulatum (115.0)	*	*	*	*	*	*	*	*	*
Infection by Histoplasma duboisii (115.1)	*	*	*	*	*	*	*	*	*
Unspecified (115.9)	.0	.0	*	.0	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Mycoses-Con.									
Blastomycotic infection (116)	39	25	14	20	11	5	3	4	3
Blastomycosis (116.0)	39	25	14	20	11	5	3	4	3
Paracoccidioidomycosis (116.1)	-	-	-	-	-	-	-	-	-
Lobomycosis (116.2)	-	-	-	-	-	-	-	-	-
Other mycoses (117)	1,139	709	430	544	332	165	98	149	90
Rhinosporidiosis (117.0)	-	-	-	-	-	-	-	-	-
Sporotrichosis (117.1)	2	1	1	1	1	-	-	-	-
Chromoblastomycosis (117.2)	-	-	-	-	-	-	-	-	-
Aspergillosis (117.3)	303	200	103	164	90	36	13	32	11
Mycotic mycetomas (117.4)	-	-	-	-	-	-	-	-	-
Cryptococcosis (117.5)	240	165	75	120	51	45	24	41	24
Allescheriosis (Petriellidosis) (117.6)	1	-	1	-	1	-	-	-	-
Zygomycosis (Phycomycosis or Mucormycosis) (117.7)	48	30	18	20	15	10	3	8	3
Infection by dematiacious fungi (Phaeohyphomycosis) (117.8)	-	-	-	-	-	-	-	-	-
Other and unspecified (117.9)	545	313	232	239	174	74	58	68	52
Opportunistic mycoses (118)	-	-	-	-	-	-	-	-	-
Helminthiases (120-129)	41	31	10	30	9	1	1	-	1
Schistosomiasis (bilharziasis) (120)	1	1	-	-	-	1	-	-	-
Schistosoma hematobium (120.0)	-	-	-	-	-	-	-	-	-
Schistosoma mansoni (120.1)	-	-	-	-	-	-	-	-	-
Schistosoma japonicum (120.2)	-	-	-	-	-	-	-	-	-
Cutaneous (120.3)	-	-	-	-	-	-	-	-	-
Other (120.8)	-	-	-	-	-	-	-	-	-
Unspecified (120.9)	1	1	-	-	-	1	-	-	-
Other trematode infections (121)	-	-	-	-	-	-	-	-	-
Opisthorchiasis (121.0)	-	-	-	-	-	-	-	-	-
Clonorchiasis (121.1)	-	-	-	-	-	-	-	-	-
Paragonimiasis (121.2)	-	-	-	-	-	-	-	-	-
Fasciollasis (121.3)	-	-	-	-	-	-	-	-	-
Fasciolopsiasis (121.4)	-	-	-	-	-	-	-	-	-
Metagonimiasis (121.5)	-	-	-	-	-	-	-	-	-
Heterophyiasis (121.6)	-	-	-	-	-	-	-	-	-
Other (121.8)	-	-	-	-	-	-	-	-	-
Unspecified (121.9)	-	-	-	-	-	-	-	-	-
Echinococcosis (122)	2	2	-	2	-	-	-	-	-
Echinococcus granulosus infection of liver (122.0)	-	-	-	-	-	-	-	-	-
Echinococcus granulosus infection of lung (122.1)	-	-	-	-	-	-	-	-	-
Echinococcus granulosus infection of thyroid (122.2)	-	-	-	-	-	-	-	-	-
Echinococcus granulosus infection, other (122.3)	-	-	-	-	-	-	-	-	-
Echinococcus granulosus infection, unspecified (122.4)	-	-	-	-	-	-	-	-	-
Echinococcus multilocularis infection of liver (122.5)	-	-	-	-	-	-	-	-	-
Echinococcus multilocularis infection, other (122.6)	-	-	-	-	-	-	-	-	-
Echinococcus multilocularis infection, unspecified (122.7)	-	-	-	-	-	-	-	-	-
Echinococcosis, unspecified, of liver (122.8)	2	2	-	2	-	-	-	-	-
Echinococcosis, other and unspecified (122.9)	-	-	-	-	-	-	-	-	-
Other cestode infection (123)	11	7	4	7	4	-	-	-	-
Tenia solium infection, intestinal form (123.0)	-	-	-	-	-	-	-	-	-
Cysticercosis (123.1)	11	7	4	7	4	-	-	-	-
Tenia saginata infection (123.2)	-	-	-	-	-	-	-	-	-
Teniasis, unspecified (123.3)	-	-	-	-	-	-	-	-	-
Diphyllobothriasis, intestinal (123.4)	-	-	-	-	-	-	-	-	-
Sparganosis (larval diphyllobothriasis) (123.5)	-	-	-	-	-	-	-	-	-
Hymenolepiasis (123.6)	-	-	-	-	-	-	-	-	-
Other (123.8)	-	-	-	-	-	-	-	-	-
Unspecified (123.9)	-	-	-	-	-	-	-	-	-
Trichinosis (124)	-	-	-	-	-	-	-	-	-
Filarial infection and dracontiasis (125)	-	-	-	-	-	-	-	-	-
Bancroftian filariasis (125.0)	-	-	-	-	-	-	-	-	-
Malayan filariasis (125.1)	-	-	-	-	-	-	-	-	-
Loiasis (125.2)	-	-	-	-	-	-	-	-	-
Onchocerciasis (125.3)	-	-	-	-	-	-	-	-	-
Dipetalonemiasis (125.4)	-	-	-	-	-	-	-	-	-
Mansonella ozzardi infection (125.5)	-	-	-	-	-	-	-	-	-
Other specified filariasis (125.6)	-	-	-	-	-	-	-	-	-
Dracontiasis (125.7)	-	-	-	-	-	-	-	-	-
Unspecified filariasis (125.9)	-	-	-	-	-	-	-	-	-
Ancylostomiasis and necatoriasis (126)	4	3	1	3	1	-	-	-	-
Ancylostoma duodenale (126.0)	-	-	-	-	-	-	-	-	-
Necator americanus (126.1)	-	-	-	-	-	-	-	-	-
Ancylostoma braziliense (126.2)	-	-	-	-	-	-	-	-	-
Ancylostoma ceylanicum (126.3)	-	-	-	-	-	-	-	-	-
Other specified Ancylostoma (126.8)	-	-	-	-	-	-	-	-	-
Unspecified (126.9)	4	3	1	3	1	-	-	-	-
Other intestinal helminthiases (127)	17	13	4	13	3	-	1	-	1
Ascariasis (127.0)	1	1	-	1	-	-	-	-	-
Anisakiasis (127.1)	-	-	-	-	-	-	-	-	-
Strongyloidiasis (127.2)	13	10	3	10	2	-	1	-	1
Trichuriasis (127.3)	1	-	1	-	1	-	-	-	-
Enterobiasis (127.4)	-	-	-	-	-	-	-	-	-
Capillariasis (127.5)	2	2	-	2	-	-	-	-	-
Trichostrongyliasis (127.6)	-	-	-	-	-	-	-	-	-
Other intestinal helminthiasis (127.7)	-	-	-	-	-	-	-	-	-
Mixed intestinal helminthiasis (127.8)	-	-	-	-	-	-	-	-	-
Intestinal helminthiasis, unspecified (127.9)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

(Page 16 of 140)

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Mycoses-Con.									
Blastomycotic infection (116)	0.0	0.0	*	0.0	*	*	*	*	*
Blastomycosis (116.0)	.0	.0	*	.0	*	*	*	*	*
Paracoccidioidomycosis (116.1)	*	*	*	*	*	*	*	*	*
Lobomycosis (116.2)	*	*	*	*	*	*	*	*	*
Other mycoses (117)	.5	.6	0.3	.5	0.3	0.9	0.5	1.0	0.6
Rhinosporidiosis (117.0)	*	*	*	*	*	*	*	*	*
Sporotrichosis (117.1)	*	*	*	*	*	*	*	*	*
Chromoblastomycosis (117.2)	*	*	*	*	*	*	*	*	*
Aspergillosis (117.3)	.1	.2	.1	.2	.1	.2	*	.2	*
Mycotic mycetomas (117.4)	*	*	*	*	*	*	*	*	*
Cryptococcosis (117.5)	.1	.1	.1	.1	.0	.2	.1	.3	.1
Allescheriosis (Petriellidosis) (117.6)	*	*	*	*	*	*	*	*	*
Zygomycosis (Phycomycosis or Mucormycosis) (117.7)	.0	.0	*	.0	*	*	*	*	*
Infection by dematiacious fungi (Phaeohyphomycosis) (117.8)	*	*	*	*	*	*	*	*	*
Other and unspecified (117.9)	.2	.3	.2	.2	.2	.4	.3	.5	.3
Opportunistic mycoses (118)	*	*	*	*	*	*	*	*	*
Helminthiases (120-129)	.0	.0	*	.0	*	*	*	*	*
Schistosomiasis (bilharziasis) (120)	*	*	*	*	*	*	*	*	*
Schistosoma hematobium (120.0)	*	*	*	*	*	*	*	*	*
Schistosoma mansoni (120.1)	*	*	*	*	*	*	*	*	*
Schistosoma japonicum (120.2)	*	*	*	*	*	*	*	*	*
Cutaneous (120.3)	*	*	*	*	*	*	*	*	*
Other (120.8)	*	*	*	*	*	*	*	*	*
Unspecified (120.9)	*	*	*	*	*	*	*	*	*
Other trematode infections (121)	*	*	*	*	*	*	*	*	*
Opisthorchiasis (121.0)	*	*	*	*	*	*	*	*	*
Clonorchiasis (121.1)	*	*	*	*	*	*	*	*	*
Paragonimiasis (121.2)	*	*	*	*	*	*	*	*	*
Fascioliasis (121.3)	*	*	*	*	*	*	*	*	*
Fasciolopsiasis (121.4)	*	*	*	*	*	*	*	*	*
Metagonimiasis (121.5)	*	*	*	*	*	*	*	*	*
Heterophyiasis (121.6)	*	*	*	*	*	*	*	*	*
Other (121.8)	*	*	*	*	*	*	*	*	*
Unspecified (121.9)	*	*	*	*	*	*	*	*	*
Echinococcosis (122)	*	*	*	*	*	*	*	*	*
Echinococcus granulosus infection of liver (122.0)	*	*	*	*	*	*	*	*	*
Echinococcus granulosus infection of lung (122.1)	*	*	*	*	*	*	*	*	*
Echinococcus granulosus infection of thyroid (122.2)	*	*	*	*	*	*	*	*	*
Echinococcus granulosus infection, other (122.3)	*	*	*	*	*	*	*	*	*
Echinococcus granulosus infection, unspecified (122.4)	*	*	*	*	*	*	*	*	*
Echinococcus multilocularis infection of liver (122.5)	*	*	*	*	*	*	*	*	*
Echinococcus multilocularis infection, other (122.6)	*	*	*	*	*	*	*	*	*
Echinococcus multilocularis infection, unspecified (122.7)	*	*	*	*	*	*	*	*	*
Echinococcosis, unspecified, of liver (122.8)	*	*	*	*	*	*	*	*	*
Echinococcosis, other and unspecified (122.9)	*	*	*	*	*	*	*	*	*
Other cestode infection (123)	*	*	*	*	*	*	*	*	*
Tenia solium infection, intestinal form (123.0)	*	*	*	*	*	*	*	*	*
Cysticercosis (123.1)	*	*	*	*	*	*	*	*	*
Tenia saginata infection (123.2)	*	*	*	*	*	*	*	*	*
Teniasis, unspecified (123.3)	*	*	*	*	*	*	*	*	*
Diphyllobothriasis, intestinal (123.4)	*	*	*	*	*	*	*	*	*
Sparganosis (larval diphyllobothriasis) (123.5)	*	*	*	*	*	*	*	*	*
Hymenolepiasis (123.6)	*	*	*	*	*	*	*	*	*
Other (123.8)	*	*	*	*	*	*	*	*	*
Unspecified (123.9)	*	*	*	*	*	*	*	*	*
Trichinosis (124)	*	*	*	*	*	*	*	*	*
Filarial infection and dracontiasis (125)	*	*	*	*	*	*	*	*	*
Bancroftian filariasis (125.0)	*	*	*	*	*	*	*	*	*
Malayan filariasis (125.1)	*	*	*	*	*	*	*	*	*
Loiasis (125.2)	*	*	*	*	*	*	*	*	*
Onchocerciasis (125.3)	*	*	*	*	*	*	*	*	*
Dipetalonemiasis (125.4)	*	*	*	*	*	*	*	*	*
Mansonella ozzardi infection (125.5)	*	*	*	*	*	*	*	*	*
Other specified filariasis (125.6)	*	*	*	*	*	*	*	*	*
Dracontiasis (125.7)	*	*	*	*	*	*	*	*	*
Unspecified filariasis (125.9)	*	*	*	*	*	*	*	*	*
Ancylostomiasis and necatoriasis (126)	*	*	*	*	*	*	*	*	*
Ancylostoma duodenale (126.0)	*	*	*	*	*	*	*	*	*
Necator americanus (126.1)	*	*	*	*	*	*	*	*	*
Ancylostoma braziliense (126.2)	*	*	*	*	*	*	*	*	*
Ancylostoma ceylanicum (126.3)	*	*	*	*	*	*	*	*	*
Other specified Ancylostoma (126.8)	*	*	*	*	*	*	*	*	*
Unspecified (126.9)	*	*	*	*	*	*	*	*	*
Other intestinal helminthiases (127)	*	*	*	*	*	*	*	*	*
Ascariasis (127.0)	*	*	*	*	*	*	*	*	*
Anisakiasis (127.1)	*	*	*	*	*	*	*	*	*
Strongyloidiasis (127.2)	*	*	*	*	*	*	*	*	*
Trichuriasis (127.3)	*	*	*	*	*	*	*	*	*
Enterobiasis (127.4)	*	*	*	*	*	*	*	*	*
Capillariasis (127.5)	*	*	*	*	*	*	*	*	*
Trichostrongyliasis (127.6)	*	*	*	*	*	*	*	*	*
Other intestinal helminthiasis (127.7)	*	*	*	*	*	*	*	*	*
Mixed intestinal helminthiasis (127.8)	*	*	*	*	*	*	*	*	*
Intestinal helminthiasis, unspecified (127.9)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

(Page 17 of 140)

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Helminthiases-Con.									
Other and unspecified helminthiases (128)	1	1	-	1	-	-	-	-	-
Toxocariasis (128.0)	1	1	-	1	-	-	-	-	-
Gnathostomiasis (128.1)	-	-	-	-	-	-	-	-	-
Other (128.8)	-	-	-	-	-	-	-	-	-
Unspecified (128.9)	-	-	-	-	-	-	-	-	-
Intestinal parasitism, unspecified (129)	5	4	1	4	1	-	-	-	-
Other infectious and parasitic diseases (130-136)	1,552	888	664	571	368	317	296	307	288
Toxoplasmosis (130)	57	49	8	36	3	13	5	13	5
Trichomoniasis (131)	-	-	-	-	-	-	-	-	-
Urogenital trichomoniasis (131.0)	-	-	-	-	-	-	-	-	-
Other sites (131.8)	-	-	-	-	-	-	-	-	-
Unspecified (131.9)	-	-	-	-	-	-	-	-	-
Pediculosis and phthirus infestation (132)	-	-	-	-	-	-	-	-	-
Pediculus capitis (head louse) (132.0)	-	-	-	-	-	-	-	-	-
Pediculus corporis (body louse) (132.1)	-	-	-	-	-	-	-	-	-
Phthirus pubis (pubic louse) (132.2)	-	-	-	-	-	-	-	-	-
Mixed (132.3)	-	-	-	-	-	-	-	-	-
Pediculosis, unspecified (132.9)	-	-	-	-	-	-	-	-	-
Acariasis (133)	1	1	-	1	-	-	-	-	-
Scabies (133.0)	1	1	-	1	-	-	-	-	-
Other (133.8)	-	-	-	-	-	-	-	-	-
Unspecified (133.9)	-	-	-	-	-	-	-	-	-
Other infestation (134)	-	-	-	-	-	-	-	-	-
Myiasis (134.0)	-	-	-	-	-	-	-	-	-
Other arthropod infestation (134.1)	-	-	-	-	-	-	-	-	-
Hirudiniasis (134.2)	-	-	-	-	-	-	-	-	-
Other (134.8)	-	-	-	-	-	-	-	-	-
Unspecified (134.9)	-	-	-	-	-	-	-	-	-
Sarcoidosis (135)	485	180	305	69	102	111	203	111	203
Other and unspecified infectious and parasitic diseases (136)	1,009	658	351	465	263	193	88	183	80
Ainhum (136.0)	-	-	-	-	-	-	-	-	-
Behcet's syndrome (136.1)	5	2	3	1	2	1	1	1	1
Specific infections by free-living amoebas (136.2)	1	1	-	1	-	-	-	-	-
Pneumocystosis (136.3)	717	508	209	339	146	169	63	160	56
Psorospermiasis (136.4)	-	-	-	-	-	-	-	-	-
Sarcosporidiosis (136.5)	-	-	-	-	-	-	-	-	-
Other (136.8)	-	-	-	-	-	-	-	-	-
Unspecified (136.9)	286	147	139	124	115	23	24	22	23
Late effects of infectious and parasitic diseases (137-139)	412	208	204	175	184	33	20	25	18
Late effects of tuberculosis (137)	214	107	107	80	93	27	14	21	12
Late effects of respiratory or unspecified tuberculosis (137.0)	213	106	107	79	93	27	14	21	12
Late effects of central nervous system tuberculosis (137.1)	1	1	-	1	-	-	-	-	-
Late effects of genitourinary tuberculosis (137.2)	-	-	-	-	-	-	-	-	-
Late effects of tuberculosis of bones and joints (137.3)	-	-	-	-	-	-	-	-	-
Late effects of tuberculosis of other specified organs (137.4)	-	-	-	-	-	-	-	-	-
Late effects of acute poliomyelitis (138)	160	82	78	77	73	5	5	4	5
Late effects of other infectious and parasitic diseases (139)	38	19	19	18	18	1	1	-	1
Late effects of viral encephalitis (139.0)	7	2	5	2	5	-	-	-	-
Late effects of trachoma (139.1)	-	-	-	-	-	-	-	-	-
Late effects of other and unspecified infectious and parasitic diseases (139.8)	31	17	14	16	13	1	1	-	1
II. Neoplasms (140-239)									
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	8,405	5,636	2,769	4,515	2,403	1,121	366	1,000	311
Malignant neoplasm of lip (140)	85	60	25	59	25	1	-	1	-
Upper lip, vermilion border (140.0)	2	2	-	2	-	-	-	-	-
Lower lip, vermilion border (140.1)	8	8	-	8	-	-	-	-	-
Upper lip, inner aspect (140.3)	-	-	-	-	-	-	-	-	-
Lower lip, inner aspect (140.4)	-	-	-	-	-	-	-	-	-
Lip, unspecified, inner aspect (140.5)	-	-	-	-	-	-	-	-	-
Commissure of lip (140.6)	-	-	-	-	-	-	-	-	-
Other (140.8)	-	-	-	-	-	-	-	-	-
Lip, unspecified, vermilion border (140.9)	75	50	25	49	25	1	-	1	-
Malignant neoplasm of tongue (141)	1,880	1,251	629	1,015	555	236	74	222	65
Base of tongue (141.0)	199	161	38	127	33	34	5	31	5
Dorsal surface of tongue (141.1)	-	-	-	-	-	-	-	-	-
Tip and lateral border of tongue (141.2)	-	-	-	-	-	-	-	-	-
Ventral surface of tongue (141.3)	2	2	-	2	-	-	-	-	-
Anterior two-thirds of tongue, part unspecified (141.4)	1	1	-	1	-	-	-	-	-
Junctional zone (141.5)	-	-	-	-	-	-	-	-	-
Lingual tonsil (141.6)	26	20	6	11	5	9	1	9	1
Other (141.8)	-	-	-	-	-	-	-	-	-
Tongue, unspecified (141.9)	1,652	1,067	585	874	517	193	68	182	59
Malignant neoplasms of major salivary glands (142)	687	421	266	388	237	33	29	32	28
Parotid gland (142.0)	533	334	199	312	178	22	21	22	21
Submandibular gland (142.1)	36	19	17	17	16	2	1	2	1
Sublingual gland (142.2)	1	1	-	1	-	-	-	-	-
Other (142.8)	-	-	-	-	-	-	-	-	-
Site unspecified (142.9)	117	67	50	58	43	9	7	8	6

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Helminthiases-Con.									
Other and unspecified helminthiases (128)	*	*	*	*	*	*	*	*	*
Toxocariasis (128.0)	*	*	*	*	*	*	*	*	*
Gnathostomiasis (128.1)	*	*	*	*	*	*	*	*	*
Other (128.8)	*	*	*	*	*	*	*	*	*
Unspecified (128.9)	*	*	*	*	*	*	*	*	*
Intestinal parasitism, unspecified (129)	*	*	*	*	*	*	*	*	*
Other infectious and parasitic diseases (130-136)	0.6	0.7	0.5	0.6	0.3	1.7	1.4	2.1	1.8
Toxoplasmosis (130)	.0	.0	*	.0	*	*	*	*	*
Trichomoniasis (131)	*	*	*	*	*	*	*	*	*
Urogenital trichomoniasis (131.0)	*	*	*	*	*	*	*	*	*
Other sites (131.8)	*	*	*	*	*	*	*	*	*
Unspecified (131.9)	*	*	*	*	*	*	*	*	*
Pediculosis and phthirus infestation (132)	*	*	*	*	*	*	*	*	*
Pediculus capitis (head louse) (132.0)	*	*	*	*	*	*	*	*	*
Pediculus corporis (body louse) (132.1)	*	*	*	*	*	*	*	*	*
Phthirus pubis (pubic louse) (132.2)	*	*	*	*	*	*	*	*	*
Mixed (132.3)	*	*	*	*	*	*	*	*	*
Pediculosis, unspecified (132.9)	*	*	*	*	*	*	*	*	*
Acariasis (133)	*	*	*	*	*	*	*	*	*
Scabies (133.0)	*	*	*	*	*	*	*	*	*
Other (133.8)	*	*	*	*	*	*	*	*	*
Unspecified (133.9)	*	*	*	*	*	*	*	*	*
Other infestation (134)	*	*	*	*	*	*	*	*	*
Myiasis (134.0)	*	*	*	*	*	*	*	*	*
Other arthropod infestation (134.1)	*	*	*	*	*	*	*	*	*
Hirudiniasis (134.2)	*	*	*	*	*	*	*	*	*
Other (134.8)	*	*	*	*	*	*	*	*	*
Unspecified (134.9)	*	*	*	*	*	*	*	*	*
Sarcoidosis (135)	.2	.1	.2	.1	.1	.6	1.0	.8	1.3
Other and unspecified infectious and parasitic diseases (136)	.4	.5	.3	.5	.2	1.0	.4	1.3	.5
Ainhum (136.0)	*	*	*	*	*	*	*	*	*
Behcet's syndrome (136.1)	*	*	*	*	*	*	*	*	*
Specific infections by free-living amoebas (136.2)	*	*	*	*	*	*	*	*	*
Pneumocystosis (136.3)	.3	.4	.2	.3	.1	.9	.3	1.1	.3
Psorospermiasis (136.4)	*	*	*	*	*	*	*	*	*
Sarcosporidiosis (136.5)	*	*	*	*	*	*	*	*	*
Other (136.8)	*	*	*	*	*	*	*	*	*
Unspecified (136.9)	.1	.1	.1	.1	.1	.1	.1	.2	.1
Late effects of infectious and parasitic diseases (137-139)	.2	.2	.2	.2	.2	.2	.1	.2	*
Late effects of tuberculosis (137)	.1	.1	.1	.1	.1	.1	*	.1	*
Late effects of respiratory or unspecified tuberculosis (137.0)	.1	.1	.1	.1	.1	.1	*	.1	*
Late effects of central nervous system tuberculosis (137.1)	*	*	*	*	*	*	*	*	*
Late effects of genitourinary tuberculosis (137.2)	*	*	*	*	*	*	*	*	*
Late effects of tuberculosis of bones and joints (137.3)	*	*	*	*	*	*	*	*	*
Late effects of tuberculosis of other specified organs (137.4)	*	*	*	*	*	*	*	*	*
Late effects of acute poliomyelitis (138)	.1	.1	.1	.1	.1	*	*	*	*
Late effects of other infectious and parasitic diseases (139)	.0	*	*	*	*	*	*	*	*
Late effects of viral encephalitis (139.0)	*	*	*	*	*	*	*	*	*
Late effects of trachoma (139.1)	*	*	*	*	*	*	*	*	*
Late effects of other and unspecified infectious and parasitic diseases (139.8)	.0	*	*	*	*	*	*	*	*
II. Neoplasms (140-239)									
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.4	4.6	2.2	4.4	2.3	5.9	1.8	6.9	1.9
Malignant neoplasm of lip (140)	.0	.0	.0	.1	.0	*	*	*	*
Upper lip, vermilion border (140.0)	*	*	*	*	*	*	*	*	*
Lower lip, vermilion border (140.1)	*	*	*	*	*	*	*	*	*
Upper lip, inner aspect (140.3)	*	*	*	*	*	*	*	*	*
Lower lip, inner aspect (140.4)	*	*	*	*	*	*	*	*	*
Lip, unspecified, inner aspect (140.5)	*	*	*	*	*	*	*	*	*
Commissure of lip (140.6)	*	*	*	*	*	*	*	*	*
Other (140.8)	*	*	*	*	*	*	*	*	*
Lip, unspecified, vermilion border (140.9)	.0	.0	.0	.0	.0	*	*	*	*
Malignant neoplasm of tongue (141)	.8	1.0	.5	1.0	.5	1.2	.4	1.5	.4
Base of tongue (141.0)	.1	.1	.0	.1	.0	.2	*	.2	*
Dorsal surface of tongue (141.1)	*	*	*	*	*	*	*	*	*
Tip and lateral border of tongue (141.2)	*	*	*	*	*	*	*	*	*
Ventral surface of tongue (141.3)	*	*	*	*	*	*	*	*	*
Anterior two-thirds of tongue, part unspecified (141.4)	*	*	*	*	*	*	*	*	*
Junctional zone (141.5)	*	*	*	*	*	*	*	*	*
Lingual tonsil (141.6)	.0	.0	*	*	*	*	*	*	*
Other (141.8)	*	*	*	*	*	*	*	*	*
Tongue, unspecified (141.9)	.7	.9	.5	.9	.5	1.0	.3	1.3	.4
Malignant neoplasms of major salivary glands (142)	.3	.3	.2	.4	.2	.2	.1	.2	.2
Parotid gland (142.0)	.2	.3	.2	.3	.2	.1	.1	.2	.1
Submandibular gland (142.1)	.0	*	*	*	*	*	*	*	*
Sublingual gland (142.2)	*	*	*	*	*	*	*	*	*
Other (142.8)	*	*	*	*	*	*	*	*	*
Site unspecified (142.9)	.0	.1	.0	.1	.0	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms of lip, oral cavity, and pharynx-Con.									
Malignant neoplasm of gum (143)	124	75	49	64	42	11	7	11	6
Upper gum (143.0)	25	13	12	9	10	4	2	4	1
Lower gum (143.1)	54	35	19	30	17	5	2	5	2
Other (143.8)	–	–	–	–	–	–	–	–	–
Gum, unspecified (143.9)	45	27	18	25	15	2	3	2	3
Malignant neoplasm of floor of mouth (144)	336	226	110	175	97	51	13	49	12
Anterior portion (144.0)	2	1	1	1	1	–	–	–	–
Lateral portion (144.1)	–	–	–	–	–	–	–	–	–
Other (144.8)	–	–	–	–	–	–	–	–	–
Part unspecified (144.9)	334	225	109	174	96	51	13	49	12
Malignant neoplasms of other and unspecified parts of mouth (145)	1,285	758	527	623	472	135	55	126	50
Cheek mucosa (145.0)	40	18	22	16	21	2	1	2	1
Vestibule of mouth (145.1)	4	3	1	2	1	1	–	–	–
Hard palate (145.2)	42	19	23	15	22	4	1	4	1
Soft palate (145.3)	82	54	28	43	23	11	5	11	5
Uvula (145.4)	8	4	4	4	4	–	–	–	–
Palate, unspecified (145.5)	143	73	70	58	62	15	8	15	8
Retromolar area (145.6)	42	32	10	29	10	3	–	3	–
Other (145.8)	2	1	1	1	1	–	–	–	–
Mouth, unspecified (145.9)	922	554	368	455	328	99	40	91	35
Malignant neoplasm of oropharynx (146)	1,091	768	323	608	276	160	47	156	45
Tonsil (146.0)	544	380	164	295	136	85	28	83	27
Tonsillar fossa (146.1)	49	37	12	26	11	11	1	11	1
Tonsillar pillars (anterior) (posterior) (146.2)	12	8	4	6	4	2	–	2	–
Vallecula (146.3)	–	–	–	–	–	–	–	–	–
Anterior aspect of epiglottis (146.4)	–	–	–	–	–	–	–	–	–
Junctional region (146.5)	–	–	–	–	–	–	–	–	–
Lateral wall of oropharynx (146.6)	–	–	–	–	–	–	–	–	–
Posterior wall of oropharynx (146.7)	–	–	–	–	–	–	–	–	–
Other (146.8)	2	2	–	2	–	–	–	–	–
Oropharynx, unspecified (146.9)	484	341	143	279	125	62	18	60	17
Malignant neoplasm of nasopharynx (147)	659	429	230	295	181	134	49	63	24
Superior wall (147.0)	–	–	–	–	–	–	–	–	–
Posterior wall (147.1)	11	5	6	4	4	1	2	1	2
Lateral wall (147.2)	–	–	–	–	–	–	–	–	–
Anterior wall (147.3)	1	–	1	–	1	–	–	–	–
Other (147.8)	–	–	–	–	–	–	–	–	–
Nasopharynx, unspecified (147.9)	647	424	223	291	176	133	47	62	22
Malignant neoplasm of hypopharynx (148)	514	402	112	321	94	81	18	73	15
Postcricoid region (148.0)	–	–	–	–	–	–	–	–	–
Pyriform sinus (148.1)	217	179	38	150	33	29	5	26	5
Aryepiglottic fold, hypopharyngeal aspect (148.2)	–	–	–	–	–	–	–	–	–
Posterior hypopharyngeal wall (148.3)	–	–	–	–	–	–	–	–	–
Other (148.8)	–	–	–	–	–	–	–	–	–
Hypopharynx, unspecified (148.9)	297	223	74	171	61	52	13	47	10
Malignant neoplasms of other and ill-defined sites within the lip, oral cavity, and pharynx (149)	1,744	1,246	498	967	424	279	74	267	66
Pharynx, unspecified (149.0)	1,744	1,246	498	967	424	279	74	267	66
Waldeyer's ring (149.1)	–	–	–	–	–	–	–	–	–
Other (149.8)	–	–	–	–	–	–	–	–	–
Ill-defined (149.9)	–	–	–	–	–	–	–	–	–
Malignant neoplasms of digestive organs and peritoneum (150-159)	120,765	63,920	56,845	54,515	49,015	9,405	7,830	8,001	6,932
Malignant neoplasm of esophagus (150)	9,719	7,213	2,506	5,661	1,938	1,552	568	1,433	541
Cervical part (150.0)	17	8	9	6	9	2	–	2	–
Thoracic part (150.1)	4	4	–	1	–	3	–	3	–
Abdominal part (150.2)	–	–	–	–	–	–	–	–	–
Upper third (150.3)	14	7	7	7	7	–	–	–	–
Middle third (150.4)	16	7	9	5	7	2	2	2	2
Lower third (150.5)	118	97	21	91	20	6	1	5	1
Other (150.8)	2	1	1	1	1	–	–	–	–
Esophagus, unspecified (150.9)	9,548	7,089	2,459	5,550	1,894	1,539	565	1,421	538
Malignant neoplasm of stomach (151)	14,073	8,336	5,737	6,690	4,619	1,646	1,118	1,341	917
Cardia (151.0)	589	500	89	475	84	25	5	18	4
Pylorus (151.1)	4	2	2	2	2	–	–	–	–
Pyloric antrum (151.2)	14	11	3	10	3	1	–	1	–
Fundus of stomach (151.3)	11	6	5	4	3	2	2	2	2
Body of stomach (151.4)	–	–	–	–	–	–	–	–	–
Lesser curvature, unspecified (151.5)	3	3	–	2	–	1	–	1	–
Greater curvature, unspecified (151.6)	–	–	–	–	–	–	–	–	–
Other (151.8)	1	1	–	1	–	–	–	–	–
Stomach, unspecified (151.9)	13,451	7,813	5,638	6,196	4,527	1,617	1,111	1,319	911
Malignant neoplasm of small intestine, including duodenum (152)	948	492	456	411	388	81	68	73	62
Duodenum (152.0)	407	218	189	179	151	39	38	37	34
Jejunum (152.1)	56	32	24	28	18	4	6	4	6
Ileum (152.2)	59	33	26	26	25	7	1	7	1
Meckel's diverticulum (152.3)	3	2	1	2	1	–	–	–	–
Other (152.8)	1	1	–	1	–	–	–	–	–
Small intestine, unspecified (152.9)	422	206	216	175	193	31	23	25	21
Malignant neoplasm of colon (153)	48,705	23,923	24,782	21,165	21,731	2,758	3,051	2,468	2,793
Hepatic flexure (153.0)	31	11	20	10	18	1	2	1	2
Transverse colon (153.1)	201	92	109	79	89	13	20	13	17
Descending colon (153.2)	231	116	115	100	89	16	26	11	24
Sigmoid colon (153.3)	1,071	551	520	499	463	52	57	39	50

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms of lip, oral cavity, and pharynx-Con.									
Malignant neoplasm of gum (143)	0.0	0.1	0.0	0.1	0.0	*	*	*	*
Upper gum (143.0)	.0	*	*	*	*	*	*	*	*
Lower gum (143.1)	.0	.0	*	.0	*	*	*	*	*
Other (143.8)	*	*	*	*	*	*	*	*	*
Gum, unspecified (143.9)	.0	.0	*	.0	*	*	*	*	*
Malignant neoplasm of floor of mouth (144)	.1	.2	.1	.2	.1	0.3	*	0.3	*
Anterior portion (144.0)	*	*	*	*	*	*	*	*	*
Lateral portion (144.1)	*	*	*	*	*	*	*	*	*
Other (144.8)	*	*	*	*	*	*	*	*	*
Part unspecified (144.9)	.1	.2	.1	.2	.1	.3	*	.3	*
Malignant neoplasms of other and unspecified parts of mouth (145)	.5	.6	.4	.6	.4	.7	0.3	.9	0.3
Cheek mucosa (145.0)	.0	*	.0	*	.0	*	*	*	*
Vestibule of mouth (145.1)	*	*	*	*	*	*	*	*	*
Hard palate (145.2)	.0	*	.0	*	.0	*	*	*	*
Soft palate (145.3)	.0	.0	.0	.0	.0	*	*	*	*
Uvula (145.4)	*	*	*	*	*	*	*	*	*
Palate, unspecified (145.5)	.1	.1	.1	.1	.1	*	*	*	*
Retromolar area (145.6)	.0	.0	*	.0	*	*	*	*	*
Other (145.8)	*	*	*	*	*	*	*	*	*
Mouth, unspecified (145.9)	.4	.5	.3	.4	.3	.5	.2	.6	.2
Malignant neoplasm of oropharynx (146)	.4	.6	.3	.6	.3	.8	.2	1.1	.3
Tonsil (146.0)	.2	.3	.1	.3	.1	.4	.1	.6	.2
Tonsillar fossa (146.1)	.0	.0	*	.0	*	*	*	*	*
Tonsillar pillars (anterior) (posterior) (146.2)	*	*	*	*	*	*	*	*	*
Vallecula (146.3)	*	*	*	*	*	*	*	*	*
Anterior aspect of epiglottis (146.4)	*	*	*	*	*	*	*	*	*
Junctional region (146.5)	*	*	*	*	*	*	*	*	*
Lateral wall of oropharynx (146.6)	*	*	*	*	*	*	*	*	*
Posterior wall of oropharynx (146.7)	*	*	*	*	*	*	*	*	*
Other (146.8)	*	*	*	*	*	*	*	*	*
Oropharynx, unspecified (146.9)	.2	.3	.1	.3	.1	.3	*	.4	*
Malignant neoplasm of nasopharynx (147)	.3	.4	.2	.3	.2	.7	.2	.4	.1
Superior wall (147.0)	*	*	*	*	*	*	*	*	*
Posterior wall (147.1)	*	*	*	*	*	*	*	*	*
Lateral wall (147.2)	*	*	*	*	*	*	*	*	*
Anterior wall (147.3)	*	*	*	*	*	*	*	*	*
Other (147.8)	*	*	*	*	*	*	*	*	*
Nasopharynx, unspecified (147.9)	.3	.3	.2	.3	.2	.7	.2	.4	.1
Malignant neoplasm of hypopharynx (148)	.2	.3	.1	.3	.1	.4	*	.5	*
Postcricoid region (148.0)	*	*	*	*	*	*	*	*	*
Pyriform sinus (148.1)	.1	.1	.0	.1	.0	.2	*	.2	*
Aryepiglottic fold, hypopharyngeal aspect (148.2)	*	*	*	*	*	*	*	*	*
Posterior hypopharyngeal wall (148.3)	*	*	*	*	*	*	*	*	*
Other (148.8)	*	*	*	*	*	*	*	*	*
Hypopharynx, unspecified (148.9)	.1	.2	.1	.2	.1	.3	*	.3	*
Malignant neoplasms of other and ill-defined sites within the lip, oral cavity, and pharynx (149)	.7	1.0	.4	.9	.4	1.5	.4	1.9	.4
Pharynx, unspecified (149.0)	.7	1.0	.4	.9	.4	1.5	.4	1.9	.4
Waldeyer's ring (149.1)	*	*	*	*	*	*	*	*	*
Other (149.8)	*	*	*	*	*	*	*	*	*
Ill-defined (149.9)	*	*	*	*	*	*	*	*	*
Malignant neoplasms of digestive organs and peritoneum (150-159)	48.6	52.7	44.6	53.4	46.0	49.2	37.4	55.5	43.2
Malignant neoplasm of esophagus (150)	3.9	5.9	2.0	5.5	1.8	8.1	2.7	9.9	3.4
Cervical part (150.0)	*	*	*	*	*	*	*	*	*
Thoracic part (150.1)	*	*	*	*	*	*	*	*	*
Abdominal part (150.2)	*	*	*	*	*	*	*	*	*
Upper third (150.3)	*	*	*	*	*	*	*	*	*
Middle third (150.4)	*	*	*	*	*	*	*	*	*
Lower third (150.5)	.0	.1	.0	.1	.0	*	*	*	*
Other (150.8)	*	*	*	*	*	*	*	*	*
Esophagus, unspecified (150.9)	3.8	5.8	1.9	5.4	1.8	8.1	2.7	9.9	3.3
Malignant neoplasm of stomach (151)	5.7	6.9	4.5	6.5	4.3	8.6	5.3	9.3	5.7
Cardia (151.0)	.2	.4	.1	.5	.1	.1	*	*	*
Pylorus (151.1)	*	*	*	*	*	*	*	*	*
Pyloric antrum (151.2)	*	*	*	*	*	*	*	*	*
Fundus of stomach (151.3)	*	*	*	*	*	*	*	*	*
Body of stomach (151.4)	*	*	*	*	*	*	*	*	*
Lesser curvature, unspecified (151.5)	*	*	*	*	*	*	*	*	*
Greater curvature, unspecified (151.6)	*	*	*	*	*	*	*	*	*
Other (151.8)	*	*	*	*	*	*	*	*	*
Stomach, unspecified (151.9)	5.4	6.4	4.4	6.1	4.2	8.5	5.3	9.1	5.7
Malignant neoplasm of small intestine, including duodenum (152)	.4	.4	.4	.4	.4	.4	.3	.5	.4
Duodenum (152.0)	.2	.2	.1	.2	.1	.2	.2	.3	.2
Jejunum (152.1)	.0	.0	.0	.0	*	*	*	*	*
Ileum (152.2)	.0	.0	.0	.0	.0	*	*	*	*
Meckel's diverticulum (152.3)	*	*	*	*	*	*	*	*	*
Other (152.8)	*	*	*	*	*	*	*	*	*
Small intestine, unspecified (152.9)	.2	.2	.2	.2	.2	.2	.1	.2	.1
Malignant neoplasm of colon (153)	19.6	19.7	19.4	20.7	20.4	14.4	14.6	17.1	17.4
Hepatic flexure (153.0)	.0	*	.0	*	*	*	*	*	*
Transverse colon (153.1)	.1	.1	.1	.1	.1	*	.1	*	*
Descending colon (153.2)	.1	.1	.1	.1	.1	*	.1	*	.1
Sigmoid colon (153.3)	.4	.5	.4	.5	.4	.3	.3	.3	.3

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasm of colon-Con.									
Cecum (153.4)	944	391	553	347	479	44	74	38	63
Appendix (153.5)	113	51	62	48	59	3	3	2	3
Ascending colon (153.6)	717	330	387	288	342	42	45	35	40
Splenic flexure (153.7)	22	11	11	9	9	2	2	2	1
Other (153.8)	6	2	4	1	3	1	1	1	1
Colon, unspecified (153.9)	45,369	22,368	23,001	19,784	20,180	2,584	2,821	2,326	2,592
Malignant neoplasms of rectum, rectosigmoid junction, and anus (154)	7,820	4,250	3,570	3,778	3,184	472	386	395	342
Rectosigmoid junction (154.0)	1,341	734	607	653	539	81	68	64	59
Rectum (154.1)	6,107	3,365	2,742	2,993	2,439	372	303	314	273
Anal canal (154.2)	24	11	13	11	12	–	1	–	–
Anus, unspecified (154.3)	280	113	167	97	153	16	14	15	10
Other (154.8)	68	27	41	24	41	3	–	2	–
Malignant neoplasms of liver and intrahepatic bile ducts (155)	8,511	5,161	3,350	4,124	2,775	1,037	575	653	438
Liver, primary (155.0)	4,128	2,814	1,314	2,176	1,070	638	244	370	168
Intrahepatic bile ducts (155.1)	1,338	682	656	598	580	84	76	47	61
Liver, not specified as primary or secondary (155.2)	3,045	1,665	1,380	1,350	1,125	315	255	236	209
Malignant neoplasms of gall bladder and extrahepatic bile ducts (156)	3,857	1,396	2,461	1,256	2,230	140	231	104	177
Gallbladder (156.0)	2,041	543	1,498	477	1,338	66	160	48	123
Extrahepatic bile ducts (156.1)	988	482	506	440	465	42	41	33	33
Ampulla of Vater (156.2)	313	150	163	137	153	13	10	9	7
Other (156.8)	1	1	–	1	–	–	–	–	–
Biliary tract, part unspecified (156.9)	514	220	294	201	274	19	20	14	14
Malignant neoplasm of pancreas (157)	25,082	12,199	12,883	10,582	11,146	1,617	1,737	1,442	1,581
Head of pancreas (157.0)	592	272	320	235	279	37	41	34	39
Body of pancreas (157.1)	33	24	9	20	7	4	2	3	2
Tail of pancreas (157.2)	35	21	14	18	13	3	1	3	1
Pancreatic duct (157.3)	12	5	7	4	6	1	1	1	1
Islets of Langerhans (157.4)	129	71	58	65	52	6	6	5	6
Other (157.8)	1	–	1	–	1	–	–	–	–
Part unspecified (157.9)	24,280	11,806	12,474	10,240	10,788	1,566	1,686	1,396	1,532
Malignant neoplasms of retroperitoneum and peritoneum (158)	571	264	307	234	277	30	30	28	24
Retroperitoneum (158.0)	307	162	145	144	127	18	18	16	13
Specified parts of peritoneum (158.8)	52	26	26	24	23	2	3	2	3
Peritoneum, unspecified (158.9)	212	76	136	66	127	10	9	10	8
Malignant neoplasms of other and ill-defined sites within the digestive organs and peritoneum (159)	1,479	686	793	614	727	72	66	64	57
Intestinal tract, part unspecified (159.0)	1,005	462	543	423	504	39	39	35	34
Spleen, not elsewhere classified (159.1)	16	6	10	6	10	–	–	–	–
Other (159.8)	5	2	3	2	2	–	1	–	1
Ill-defined (159.9)	453	216	237	183	211	33	26	29	22
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	146,386	94,950	51,436	82,714	46,213	12,236	5,223	11,219	4,694
Malignant neoplasms of nasal cavities, middle ear, and accessory sinuses (160)	516	287	229	232	206	55	23	46	21
Nasal cavities (160.0)	56	33	23	27	22	6	1	4	–
Auditory tube, middle ear, and mastoid air cells (160.1)	12	4	8	4	8	–	–	–	–
Maxillary sinus (160.2)	240	144	96	105	83	39	13	35	13
Ethmoidal sinus (160.3)	38	20	18	18	14	2	4	2	3
Frontal sinus (160.4)	9	4	5	4	5	–	–	–	–
Sphenoidal sinus (160.5)	12	7	5	5	4	2	1	2	1
Other (160.8)	1	–	1	–	1	–	–	–	–
Accessory sinus, unspecified (160.9)	148	75	73	69	69	6	4	3	4
Malignant neoplasm of larynx (161)	3,710	2,977	733	2,448	598	529	135	499	132
Glottis (161.0)	50	41	9	35	7	6	2	6	2
Supraglottis (161.1)	200	142	58	119	48	23	10	23	9
Subglottis (161.2)	5	3	2	3	2	–	–	–	–
Laryngeal cartilages (161.3)	3	2	1	2	1	–	–	–	–
Other (161.8)	–	–	–	–	–	–	–	–	–
Larynx, unspecified (161.9)	3,452	2,789	663	2,289	540	500	123	470	121
Malignant neoplasms of trachea, bronchus, and lung (162)	141,285	91,091	50,194	79,488	45,162	11,603	5,032	10,632	4,512
Trachea (162.0)	135	77	58	67	49	10	9	10	8
Main bronchus (162.2)	112	74	38	64	37	10	1	10	1
Upper lobe, bronchus or lung (162.3)	1,054	702	352	599	325	103	27	93	27
Middle lobe, bronchus or lung (162.4)	63	45	18	39	16	6	2	5	2
Lower lobe, bronchus or lung (162.5)	332	210	122	186	111	24	11	20	11
Other (162.8)	11	9	2	6	1	3	1	3	1
Bronchus and lung, unspecified (162.9)	139,578	89,974	49,604	78,527	44,623	11,447	4,981	10,491	4,462
Malignant neoplasm of pleura (163)	461	369	92	353	87	16	5	15	4
Parietal (163.0)	7	6	1	6	–	–	1	–	1
Visceral (163.1)	–	–	–	–	–	–	–	–	–
Other (163.8)	–	–	–	–	–	–	–	–	–
Pleura, unspecified (163.9)	454	363	91	347	87	16	4	15	3
Malignant neoplasms of thymus, heart, and mediastinum (164)	409	222	187	190	159	32	28	26	25
Thymus (164.0)	128	67	61	54	51	13	10	11	8
Heart (164.1)	65	33	32	28	27	5	5	3	5
Anterior mediastinum (164.2)	3	1	2	1	1	–	1	–	1
Posterior mediastinum (164.3)	5	2	3	2	3	–	–	–	–
Other (164.8)	–	–	–	–	–	–	–	–	–
Mediastinum, part unspecified (164.9)	208	119	89	105	77	14	12	12	11
Malignant neoplasms of other and ill-defined sites within the respiratory system and intrathoracic organs (165)	5	4	1	3	1	1	–	1	–
Upper respiratory tract, part unspecified (165.0)	–	–	–	–	–	–	–	–	–
Other (165.8)	–	–	–	–	–	–	–	–	–
Ill-defined sites within the respiratory system (165.9)	5	4	1	3	1	1	–	1	–

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasm of colon-Con.									
Cecum (153.4)	0.4	0.3	0.4	0.3	0.4	0.2	0.4	0.3	0.4
Appendix (153.5)	.0	.0	.0	.0	.1	*	*	*	*
Ascending colon (153.6)	.3	.3	.3	.3	.3	.2	.2	.2	.2
Splenic flexure (153.7)	.0	*	*	*	*	*	*	*	*
Other (153.8)	*	*	*	*	*	*	*	*	*
Colon, unspecified (153.9)	18.2	18.4	18.0	19.4	18.9	13.5	13.5	16.1	16.1
Malignant neoplasms of rectum, rectosigmoid junction, and anus (154)	3.1	3.5	2.8	3.7	3.0	2.5	1.8	2.7	2.1
Rectosigmoid junction (154.0)	.5	.6	.5	.6	.5	.4	.3	.4	.4
Rectum (154.1)	2.5	2.8	2.2	2.9	2.3	1.9	1.4	2.2	1.7
Anal canal (154.2)	.0	*	*	*	*	*	*	*	*
Anus, unspecified (154.3)	.1	.1	.1	.1	.1	*	*	*	*
Other (154.8)	.0	.0	.0	.0	.0	*	*	*	*
Malignant neoplasms of liver and intrahepatic bile ducts (155)	3.4	4.3	2.6	4.0	2.6	5.4	2.7	4.5	2.7
Liver, primary (155.0)	1.7	2.3	1.0	2.1	1.0	3.3	1.2	2.6	1.0
Intrahepatic bile ducts (155.1)	.5	.6	.5	.6	.5	.4	.4	.3	.4
Liver, not specified as primary or secondary (155.2)	1.2	1.4	1.1	1.3	1.1	1.6	1.2	1.6	1.3
Malignant neoplasms of gall bladder and extrahepatic bile ducts (156)	1.6	1.2	1.9	1.2	2.1	.7	1.1	.7	1.1
Gallbladder (156.0)	.8	.4	1.2	.5	1.3	.3	.8	.3	.8
Extrahepatic bile ducts (156.1)	.4	.4	.4	.4	.4	.2	.2	.2	.2
Ampulla of Vater (156.2)	.1	.1	.1	.1	.1	*	*	*	*
Other (156.8)	*	*	*	*	*	*	*	*	*
Biliary tract, part unspecified (156.9)	.2	.2	.2	.2	.3	*	.1	*	*
Malignant neoplasm of pancreas (157)	10.1	10.1	10.1	10.4	10.5	8.5	8.3	10.0	9.8
Head of pancreas (157.0)	.2	.2	.3	.2	.3	.2	.2	.2	.2
Body of pancreas (157.1)	.0	.0	*	.0	*	*	*	*	*
Tail of pancreas (157.2)	.0	.0	*	*	*	*	*	*	*
Pancreatic duct (157.3)	*	*	*	*	*	*	*	*	*
Islets of Langerhans (157.4)	.1	.1	.0	.1	.0	*	*	*	*
Other (157.8)	*	*	*	*	*	*	*	*	*
Part unspecified (157.9)	9.8	9.7	9.8	10.0	10.1	8.2	8.1	9.7	9.5
Malignant neoplasms of retroperitoneum and peritoneum (158)	.2	.2	.2	.2	.3	.2	.1	.2	.1
Retroperitoneum (158.0)	.1	.1	.1	.1	.1	*	*	*	*
Specified parts of peritoneum (158.8)	.0	.0	.0	.0	.0	*	*	*	*
Peritoneum, unspecified (158.9)	.1	.1	.1	.1	.1	*	*	*	*
Malignant neoplasms of other and ill-defined sites within the digestive organs and peritoneum (159)	.6	.6	.6	.6	.7	.4	.3	.4	.4
Intestinal tract, part unspecified (159.0)	.4	.4	.4	.4	.5	.2	.2	.2	.2
Spleen, not elsewhere classified (159.1)	*	*	*	*	*	*	*	*	*
Other (159.8)	*	*	*	*	*	*	*	*	*
Ill-defined (159.9)	.2	.2	.2	.2	.2	.2	.1	.2	.1
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	58.9	78.3	40.4	81.0	43.4	64.1	25.0	77.8	29.2
Malignant neoplasms of nasal cavities, middle ear, and accessory sinuses (160)	.2	.2	.2	.2	.2	.3	.1	.3	.1
Nasal cavities (160.0)	.0	.0	.0	.0	.0	*	*	*	*
Auditory tube, middle ear, and mastoid air cells (160.1)	*	*	*	*	*	*	*	*	*
Maxillary sinus (160.2)	.1	.1	.1	.1	.1	.2	*	.2	*
Ethmoidal sinus (160.3)	.0	.0	*	*	*	*	*	*	*
Frontal sinus (160.4)	*	*	*	*	*	*	*	*	*
Sphenoidal sinus (160.5)	*	*	*	*	*	*	*	*	*
Other (160.8)	*	*	*	*	*	*	*	*	*
Accessory sinus, unspecified (160.9)	.1	.1	.1	.1	.1	*	*	*	*
Malignant neoplasm of larynx (161)	1.5	2.5	.6	2.4	.6	2.8	.6	3.5	.8
Glottis (161.0)	.0	.0	*	.0	*	*	*	*	*
Supraglottis (161.1)	.1	.1	.0	.1	.0	.1	*	.2	*
Subglottis (161.2)	*	*	*	*	*	*	*	*	*
Laryngeal cartilages (161.3)	*	*	*	*	*	*	*	*	*
Other (161.8)	*	*	*	*	*	*	*	*	*
Larynx, unspecified (161.9)	1.4	2.3	.5	2.2	.5	2.6	.6	3.3	.8
Malignant neoplasms of trachea, bronchus, and lung (162)	56.8	75.1	39.4	77.8	42.4	60.8	24.1	73.7	28.1
Trachea (162.0)	.1	.1	.0	.1	.0	*	*	*	*
Main bronchus (162.2)	.0	.1	.0	.1	.0	*	*	*	*
Upper lobe, bronchus or lung (162.3)	.4	.6	.3	.6	.3	.5	.1	.6	.2
Middle lobe, bronchus or lung (162.4)	.0	.0	*	.0	*	*	*	*	*
Lower lobe, bronchus or lung (162.5)	.1	.2	.1	.2	.1	.1	*	.1	*
Other (162.8)	*	*	*	*	*	*	*	*	*
Bronchus and lung, unspecified (162.9)	56.1	74.2	38.9	76.9	41.9	59.9	23.8	72.8	27.8
Malignant neoplasm of pleura (163)	.2	.3	.1	.3	.1	*	*	*	*
Parietal (163.0)	*	*	*	*	*	*	*	*	*
Visceral (163.1)	*	*	*	*	*	*	*	*	*
Other (163.8)	*	*	*	*	*	*	*	*	*
Pleura, unspecified (163.9)	.2	.3	.1	.3	.1	*	*	*	*
Malignant neoplasms of thymus, heart, and mediastinum (164)	.2	.2	.1	.2	.1	.2	.1	.2	.2
Thymus (164.0)	.1	.1	.0	.1	.0	*	*	*	*
Heart (164.1)	.0	.0	.0	.0	.0	*	*	*	*
Anterior mediastinum (164.2)	*	*	*	*	*	*	*	*	*
Posterior mediastinum (164.3)	*	*	*	*	*	*	*	*	*
Other (164.8)	*	*	*	*	*	*	*	*	*
Mediastinum, part unspecified (164.9)	.1	.1	.1	.1	.1	*	*	*	*
Malignant neoplasms of other and ill-defined sites within the respiratory system and intrathoracic organs (165)	*	*	*	*	*	*	*	*	*
Upper respiratory tract, part unspecified (165.0)	*	*	*	*	*	*	*	*	*
Other (165.8)	*	*	*	*	*	*	*	*	*
Ill-defined sites within the respiratory system (165.9)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	56,503	7,779	48,724	7,204	43,190	575	5,534	506	5,038
Malignant neoplasms of bone and articular cartilage (170)	1,086	587	499	494	439	93	60	77	53
Bones of skull and face (170.0)	93	48	45	42	38	6	7	4	3
Lower jaw bone (170.1)	92	46	46	37	39	9	7	6	7
Vertebral column, excluding sacrum and coccyx (170.2)	104	51	53	43	45	8	8	6	8
Ribs, sternum, and clavicle (170.3)	15	8	7	8	7	–	–	–	–
Long bones of upper limb and scapula (170.4)	25	15	10	13	9	2	1	1	–
Upper limb, short bones (170.5)	–	–	–	–	–	–	–	–	–
Pelvic bones, sacrum and coccyx (170.6)	70	36	34	33	31	3	3	3	3
Lower limb, long bones (170.7)	54	33	21	31	20	2	1	2	1
Lower limb, short bones (170.8)	2	1	1	1	1	–	–	–	–
Site unspecified (170.9)	631	349	282	286	249	63	33	55	31
Malignant neoplasms of connective and other soft tissue (171)	3,164	1,520	1,644	1,325	1,405	195	239	168	213
Head, face, and neck (171.0)	70	48	22	44	16	4	6	4	5
Upper limb, including shoulder (171.2)	53	27	26	24	21	3	5	3	5
Lower limb, including hip (171.3)	233	108	125	89	108	19	17	17	16
Thorax (171.4)	66	33	33	29	30	4	3	3	1
Abdomen (171.5)	193	90	103	80	97	10	6	8	6
Pelvis (171.6)	109	45	64	42	52	3	12	3	10
Trunk, unspecified (171.7)	13	6	7	5	6	1	1	1	1
Other (171.8)	2	1	1	1	1	–	–	–	–
Site unspecified (171.9)	2,425	1,162	1,263	1,011	1,074	151	189	129	169
Malignant melanoma of skin (172)	6,420	3,844	2,576	3,778	2,512	66	64	51	55
Lip (172.0)	3	3	–	3	–	–	–	–	–
Eyelid, including canthus (172.1)	2	1	1	1	1	–	–	–	–
Ear and external auricular canal (172.2)	19	15	4	15	4	–	–	–	–
Other and unspecified parts of face (172.3)	66	46	20	45	20	1	–	1	–
Scalp and neck (172.4)	91	69	22	68	22	1	–	1	–
Trunk, except scrotum (172.5)	223	164	59	163	59	1	–	1	–
Upper limb, including shoulder (172.6)	149	87	62	87	61	–	1	–	1
Lower limb, including hip (172.7)	146	57	89	52	81	5	8	5	7
Other (172.8)	–	–	–	–	–	–	–	–	–
Site unspecified (172.9)	5,721	3,402	2,319	3,344	2,264	58	55	43	47
Other malignant neoplasms of skin (173)	2,170	1,556	614	1,380	548	176	66	166	58
Skin of lip (173.0)	3	3	–	3	–	–	–	–	–
Eyelid, including canthus (173.1)	8	4	4	4	4	–	–	–	–
Ear and external auricular canal (173.2)	118	80	38	78	36	2	2	2	2
Skin of other and unspecified parts of face (173.3)	229	138	91	135	88	3	3	3	–
Scalp and skin of neck (173.4)	1,073	832	241	702	200	130	41	121	38
Skin of trunk, except scrotum (173.5)	59	37	22	34	17	3	5	3	5
Skin of upper limb, including shoulder (173.6)	41	26	15	24	14	2	1	2	–
Skin of lower limb, including hip (173.7)	58	24	34	21	27	3	7	3	7
Other (173.8)	1	–	1	–	1	–	–	–	–
Site unspecified (173.9)	580	412	168	379	161	33	7	32	6
Malignant neoplasm of female breast (174)	43,391	...	43,391	...	38,286	...	5,105	...	4,659
Nipple and areola (174.0)	6	...	6	...	6	...	–	...	–
Central portion (174.1)	2	...	2	...	1	...	1	...	–
Upper-inner quadrant (174.2)	–	...	–	...	–	...	–	...	–
Lower-inner quadrant (174.3)	–	...	–	...	–	...	–	...	–
Upper-outer quadrant (174.4)	–	...	–	...	–	...	–	...	–
Lower-outer quadrant (174.5)	–	...	–	...	–	...	–	...	–
Axillary tail (174.6)	–	...	–	...	–	...	–	...	–
Other (174.8)	1	...	1	...	1	...	–	...	–
Breast, unspecified (174.9)	43,382	...	43,382	...	38,278	...	5,104	...	4,659
Malignant neoplasm of male breast (175)	272	272	...	227	...	45	...	44	...
Malignant neoplasms of genitourinary organs (179-189)	78,141	46,110	32,031	39,459	27,870	6,651	4,161	6,255	3,732
Malignant neoplasm of uterus, part unspecified (179)	2,999	...	2,999	...	2,476	...	523	...	490
Malignant neoplasm of cervix uteri (180)	4,627	...	4,627	...	3,511	...	1,116	...	972
Endocervix (180.0)	42	...	42	...	36	...	6	...	5
Exocervix (180.1)	–	...	–	...	–	...	–	...	–
Other (180.8)	1	...	1	...	1	...	–	...	–
Cervix uteri, unspecified (180.9)	4,584	...	4,584	...	3,474	...	1,110	...	967
Malignant neoplasm of placenta (181)	24	...	24	...	17	...	7	...	6
Malignant neoplasm of body of uterus (182)	3,029	...	3,029	...	2,590	...	439	...	403
Corpus uteri, except isthmus (182.0)	3,029	...	3,029	...	2,590	...	439	...	403
Isthmus (182.1)	–	...	–	...	–	...	–	...	–
Other (182.8)	–	...	–	...	–	...	–	...	–
Malignant neoplasms of ovary and other uterine adnexa (183)	12,762	...	12,762	...	11,646	...	1,116	...	975
Ovary (183.0)	12,566	...	12,566	...	11,469	...	1,097	...	959
Fallopian tube (183.2)	186	...	186	...	169	...	17	...	15
Broad ligament (183.3)	2	...	2	...	1	...	1	...	–
Parametrium (183.4)	1	...	1	...	1	...	–	...	–
Round ligament (183.5)	–	...	–	...	–	...	–	...	–
Other (183.8)	4	...	4	...	3	...	1	...	1
Uterine adnexa, unspecified (183.9)	3	...	3	...	3	...	–	...	–
Malignant neoplasms of other and unspecified female genital organs (184)	1,117	...	1,117	...	983	...	134	...	123
Vagina (184.0)	417	...	417	...	347	...	70	...	64
Labia majora (184.1)	8	...	8	...	7	...	1	...	1
Labia minora (184.2)	1	...	1	...	1	...	–	...	–
Clitoris (184.3)	–	...	–	...	–	...	–	...	–
Vulva, unspecified (184.4)	599	...	599	...	551	...	48	...	43
Other (184.8)	33	...	33	...	28	...	5	...	5
Site unspecified (184.9)	59	...	59	...	49	...	10	...	10
Malignant neoplasm of prostate (185)	32,378	32,378	...	26,917	...	5,461	...	5,181	...

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

(Page 24 of 140)

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	22.7	6.4	38.2	7.1	40.5	3.0	26.5	3.5	31.4
Malignant neoplasms of bone and articular cartilage (170)	.4	.5	.4	.5	.4	.5	.3	.5	.3
Bones of skull and face (170.0)	.0	.0	.0	.0	.0	*	*	*	*
Lower jaw bone (170.1)	.0	.0	.0	.0	.0	*	*	*	*
Vertebral column, excluding sacrum and coccyx (170.2)	.0	.0	.0	.0	.0	*	*	*	*
Ribs, sternum, and clavicle (170.3)	*	*	*	*	*	*	*	*	*
Long bones of upper limb and scapula (170.4)	.0	*	*	*	*	*	*	*	*
Upper limb, short bones (170.5)	*	*	*	*	*	*	*	*	*
Pelvic bones, sacrum and coccyx (170.6)	.0	.0	.0	.0	.0	*	*	*	*
Lower limb, long bones (170.7)	.0	.0	.0	.0	.0	*	*	*	*
Lower limb, short bones (170.8)	*	*	*	*	*	*	*	*	*
Site unspecified (170.9)	.3	.3	.2	.3	.2	.3	.2	.4	.2
Malignant neoplasms of connective and other soft tissue (171)	1.3	1.3	1.3	1.3	1.3	1.0	1.1	1.2	1.3
Head, face, and neck (171.0)	.0	.0	.0	.0	*	*	*	*	*
Upper limb, including shoulder (171.2)	.0	.0	.0	.0	.0	*	*	*	*
Lower limb, including hip (171.3)	.1	.1	.1	.1	.1	*	*	*	*
Thorax (171.4)	.0	.0	.0	.0	.0	*	*	*	*
Abdomen (171.5)	.1	.1	.1	.1	.1	*	*	*	*
Pelvis (171.6)	.0	.0	.1	.0	.0	*	*	*	*
Trunk, unspecified (171.7)	*	*	*	*	*	*	*	*	*
Other (171.8)	*	*	*	*	*	*	*	*	*
Site unspecified (171.9)	1.0	1.0	1.0	1.0	1.0	.8	.9	.9	1.1
Malignant melanoma of skin (172)	2.6	3.2	2.0	3.7	2.4	.3	.3	.4	.3
Lip (172.0)	*	*	*	*	*	*	*	*	*
Eyelid, including canthus (172.1)	*	*	*	*	*	*	*	*	*
Ear and external auricular canal (172.2)	*	*	*	*	*	*	*	*	*
Other and unspecified parts of face (172.3)	.0	.0	.0	.0	.0	*	*	*	*
Scalp and neck (172.4)	.0	.1	.0	.1	.0	*	*	*	*
Trunk, except scrotum (172.5)	.1	.1	.0	.2	.1	*	*	*	*
Upper limb, including shoulder (172.6)	.1	.1	.0	.1	.1	*	*	*	*
Lower limb, including hip (172.7)	.1	.0	.1	.1	.1	*	*	*	*
Other (172.8)	*	*	*	*	*	*	*	*	*
Site unspecified (172.9)	2.3	2.8	1.8	3.3	2.1	.3	.3	.3	.3
Other malignant neoplasms of skin (173)	.9	1.3	.5	1.4	.5	.9	.3	1.2	.4
Skin of lip (173.0)	*	*	*	*	*	*	*	*	*
Eyelid, including canthus (173.1)	*	*	*	*	*	*	*	*	*
Ear and external auricular canal (173.2)	.0	.1	.0	.1	.0	*	*	*	*
Skin of other and unspecified parts of face (173.3)	.1	.1	.1	.1	.1	*	*	*	*
Scalp and skin of neck (173.4)	.4	.7	.2	.7	.2	.7	.2	.8	.2
Skin of trunk, except scrotum (173.5)	.0	.0	.0	.0	*	*	*	*	*
Skin of upper limb, including shoulder (173.6)	.0	.0	*	.0	*	*	*	*	*
Skin of lower limb, including hip (173.7)	.0	.0	.0	.0	.0	*	*	*	*
Other (173.8)	*	*	*	*	*	*	*	*	*
Site unspecified (173.9)	.2	.3	.1	.4	.2	.2	*	.2	*
Malignant neoplasm of female breast (174)	17.4	...	34.0	...	35.9	...	24.4	...	29.0
Nipple and areola (174.0)	*	...	*	...	*	...	*	...	*
Central portion (174.1)	*	...	*	...	*	...	*	...	*
Upper-inner quadrant (174.2)	*	...	*	...	*	...	*	...	*
Lower-inner quadrant (174.3)	*	...	*	...	*	...	*	...	*
Upper-outer quadrant (174.4)	*	...	*	...	*	...	*	...	*
Lower-outer quadrant (174.5)	*	...	*	...	*	...	*	...	*
Axillary tail (174.6)	*	...	*	...	*	...	*	...	*
Other (174.8)	*	...	*	...	*	...	*	...	*
Breast, unspecified (174.9)	17.4	...	34.0	...	35.9	...	24.4	...	29.0
Malignant neoplasm of male breast (175)	.1	.2	...	.2	...	.2	...	.3	...
Malignant neoplasms of genitourinary organs (179-189)	31.4	38.0	25.1	38.6	26.2	34.8	19.9	43.4	23.2
Malignant neoplasm of uterus, part unspecified (179)	1.2	...	2.4	...	2.3	...	2.5	...	3.1
Malignant neoplasm of cervix uteri (180)	1.9	...	3.6	...	3.3	...	5.3	...	6.1
Endocervix (180.0)	.0	...	.0	...	.0	...	*	...	*
Exocervix (180.1)	*	...	*	...	*	...	*	...	*
Other (180.8)	*	...	*	...	*	...	*	...	*
Cervix uteri, unspecified (180.9)	1.8	...	3.6	...	3.3	...	5.3	...	6.0
Malignant neoplasm of placenta (181)	.0	...	.0	...	*	...	*	...	*
Malignant neoplasm of body of uterus (182)	1.2	...	2.4	...	2.4	...	2.1	...	2.5
Corpus uteri, except isthmus (182.0)	1.2	...	2.4	...	2.4	...	2.1	...	2.5
Isthmus (182.1)	*	...	*	...	*	...	*	...	*
Other (182.8)	*	...	*	...	*	...	*	...	*
Malignant neoplasms of ovary and other uterine adnexa (183)	5.1	...	10.0	...	10.9	...	5.3	...	6.1
Ovary (183.0)	5.1	...	9.9	...	10.8	...	5.2	...	6.0
Fallopian tube (183.2)	.1	...	.1	...	.2	...	*	...	*
Broad ligament (183.3)	*	...	*	...	*	...	*	...	*
Parametrium (183.4)	*	...	*	...	*	...	*	...	*
Round ligament (183.5)	*	...	*	...	*	...	*	...	*
Other (183.8)	*	...	*	...	*	...	*	...	*
Uterine adnexa, unspecified (183.9)	*	...	*	...	*	...	*	...	*
Malignant neoplasms of other and unspecified female genital organs (184)	.4	...	.9	...	.9	...	.6	...	.8
Vagina (184.0)	.2	...	.3	...	.3	...	.3	...	.4
Labia majora (184.1)	*	...	*	...	*	...	*	...	*
Labia minora (184.2)	*	...	*	...	*	...	*	...	*
Clitoris (184.3)	*	...	*	...	*	...	*	...	*
Vulva, unspecified (184.4)	.2	...	.5	...	.5	...	.2	...	.3
Other (184.8)	.0	...	.0	...	.0	...	*	...	*
Site unspecified (184.9)	.0	...	.0	...	.0	...	*	...	*
Malignant neoplasm of prostate (185)	13.0	26.7	...	26.4	...	28.6	...	35.9	...

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms of genitourinary organs-Con.									
Malignant neoplasm of testis (186)	342	342	...	322	...	20	...	15	...
Undescended (186.0)	-	-	...	-	...	-	...	-	...
Other and unspecified (186.9)	342	342	...	322	...	20	...	15	...
Malignant neoplasms of penis and other male genital organs (187)	209	209	...	173	...	36	...	30	...
Prepuce (187.1)	-	-	...	-	...	-	...	-	...
Glans penis (187.2)	-	-	...	-	...	-	...	-	...
Body of penis (187.3)	-	-	...	-	...	-	...	-	...
Penis, part unspecified (187.4)	175	175	...	141	...	34	...	28	...
Epididymis (187.5)	-	-	...	-	...	-	...	-	...
Spermatic cord (187.6)	3	3	...	3	...	-	...	-	...
Scrotum (187.7)	9	9	...	8	...	1	...	1	...
Other (187.8)	4	4	...	4	...	-	...	-	...
Site unspecified (187.9)	18	18	...	17	...	1	...	1	...
Malignant neoplasm of bladder (188)	10,341	6,910	3,431	6,403	3,027	507	404	466	381
Trigone (188.0)	1	1	-	1	-	-	-	-	-
Dome (188.1)	2	1	1	1	1	-	-	-	-
Lateral wall (188.2)	1	1	-	1	-	-	-	-	-
Anterior wall (188.3)	1	-	1	-	-	-	1	-	1
Posterior wall (188.4)	-	-	-	-	-	-	-	-	-
Bladder neck (188.5)	2	1	1	1	1	-	-	-	-
Ureteric orifice (188.6)	3	1	2	1	2	-	-	-	-
Urachus (188.7)	20	10	10	8	9	2	1	1	1
Other (188.8)	2	1	1	1	1	-	-	-	-
Part unspecified (188.9)	10,309	6,894	3,415	6,389	3,013	505	402	465	379
Malignant neoplasms of kidney and other and unspecified urinary organs (189)	10,313	6,271	4,042	5,644	3,620	627	422	563	382
Kidney, except pelvis (189.0)	9,686	5,965	3,721	5,363	3,341	602	380	541	343
Renal pelvis (189.1)	157	89	68	86	64	3	4	1	3
Ureter (189.2)	305	151	154	143	142	8	12	7	10
Urethra (189.3)	121	41	80	27	57	14	23	14	23
Paraurethral glands (189.4)	1	-	1	-	-	-	1	-	1
Other (189.8)	1	-	1	-	1	-	-	-	-
Site unspecified (189.9)	42	25	17	25	15	-	2	-	2
Malignant neoplasms of other and unspecified sites (190-199)	47,381	24,384	22,997	21,389	20,343	2,995	2,654	2,668	2,357
Malignant neoplasm of eye (190)	255	139	116	132	109	7	7	5	6
Eyeball, except conjunctiva, cornea, retina, and choroid (190.0)	5	2	3	2	3	-	-	-	-
Orbit (190.1)	44	22	22	19	20	3	2	3	2
Lacrimal gland (190.2)	8	4	4	4	2	-	2	-	1
Conjunctiva (190.3)	-	-	-	-	-	-	-	-	-
Cornea (190.4)	1	1	-	1	-	-	-	-	-
Retina (190.5)	24	14	10	12	7	2	3	1	3
Choroid (190.6)	12	4	8	4	8	-	-	-	-
Lacrimal duct (190.7)	3	1	2	-	2	1	-	-	-
Other (190.8)	1	-	1	-	1	-	-	-	-
Part unspecified (190.9)	157	91	66	90	66	1	-	1	-
Malignant neoplasm of brain (191)	11,355	6,192	5,163	5,769	4,812	423	351	352	303
Cerebrum, except lobes and ventricles (191.0)	361	204	157	190	141	14	16	11	12
Frontal lobe (191.1)	218	122	96	119	88	3	8	2	8
Temporal lobe (191.2)	132	74	58	72	56	2	2	2	2
Parietal lobe (191.3)	131	68	63	64	60	4	3	4	3
Occipital lobe (191.4)	26	15	11	14	9	1	2	-	1
Ventricle (191.5)	29	21	8	16	6	5	2	5	2
Cerebellum (191.6)	183	106	77	95	71	11	6	8	4
Brain stem (191.7)	212	108	104	90	90	18	14	12	10
Other (191.8)	92	54	38	52	38	2	-	1	-
Brain, unspecified (191.9)	9,971	5,420	4,551	5,057	4,253	363	298	307	261
Malignant neoplasms of other and unspecified parts of nervous system (192)	275	147	128	121	112	26	16	20	16
Cranial nerves (192.0)	13	6	7	4	7	2	-	2	-
Cerebral meninges (192.1)	122	60	62	51	56	9	6	8	6
Spinal cord (192.2)	72	41	31	34	23	7	8	4	8
Spinal meninges (192.3)	-	-	-	-	-	-	-	-	-
Other (192.8)	-	-	-	-	-	-	-	-	-
Part unspecified (192.9)	68	40	28	32	26	8	2	6	2
Malignant neoplasm of thyroid gland (193)	1,026	358	668	330	584	28	84	25	64
Malignant neoplasms of other endocrine glands and related structures (194)	683	363	320	311	277	52	43	42	42
Suprarenal gland (194.0)	549	289	260	246	232	43	28	36	27
Parathyroid gland (194.1)	23	11	12	10	7	1	5	-	5
Pituitary gland and craniopharyngeal duct (194.3)	32	22	10	18	8	4	2	3	2
Pineal gland (194.4)	27	17	10	16	7	1	3	1	3
Carotid body (194.5)	1	1	-	1	-	-	-	-	-
Aortic body and other paraganglia (194.6)	10	5	5	5	4	-	1	-	1
Other (194.8)	3	1	2	-	2	1	-	-	-
Site unspecified (194.9)	38	17	21	15	17	2	4	2	4
Malignant neoplasms of other and ill-defined sites (195)	3,311	1,711	1,600	1,421	1,368	290	232	273	209
Head, face, and neck (195.0)	1,629	1,105	524	888	430	217	94	205	88
Thorax (195.1)	198	137	61	118	58	19	3	17	3
Abdomen (195.2)	1,077	363	714	322	622	41	92	38	81
Pelvis (195.3)	301	49	252	41	211	8	41	8	35
Upper limb (195.4)	13	7	6	5	6	2	-	2	-
Lower limb (195.5)	47	21	26	19	24	2	2	2	2
Other specified sites (195.8)	46	29	17	28	17	1	-	1	-
Malignant neoplasms without specification of site (199)	30,476	15,474	15,002	13,305	13,081	2,169	1,921	1,951	1,717
Disseminated (199.0)	1,702	802	900	670	775	132	125	117	110
Other (199.1)	28,774	14,672	14,102	12,635	12,306	2,037	1,796	1,834	1,607

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms of genitourinary organs-Con.									
Malignant neoplasm of testis (186)	0.1	0.3	...	0.3	...	0.1	...	*	...
Undescended (186.0)	*	*	...	*	...	*	...	*	...
Other and unspecified (186.9)	.1	.3	...	.3	...	.1	...	*	...
Malignant neoplasms of penis and other male genital organs (187)	.1	.2	...	.2	...	.2	...	0.2	...
Prepuce (187.1)	*	*	...	*	...	*	...	*	...
Glans penis (187.2)	*	*	...	*	...	*	...	*	...
Body of penis (187.3)	*	*	...	*	...	*	...	*	...
Penis, part unspecified (187.4)	.1	.1	...	.1	...	.2	...	.2	...
Epididymis (187.5)	*	*	...	*	...	*	...	*	...
Spermatic cord (187.6)	*	*	...	*	...	*	...	*	...
Scrotum (187.7)	*	*	...	*	...	*	...	*	...
Other (187.8)	*	*	...	*	...	*	...	*	...
Site unspecified (187.9)	*	*	...	*	...	*	...	*	...
Malignant neoplasm of bladder (188)	4.2	5.7	2.7	6.3	2.8	2.7	1.9	3.2	2.4
Trigone (188.0)	*	*	*	*	*	*	*	*	*
Dome (188.1)	*	*	*	*	*	*	*	*	*
Lateral wall (188.2)	*	*	*	*	*	*	*	*	*
Anterior wall (188.3)	*	*	*	*	*	*	*	*	*
Posterior wall (188.4)	*	*	*	*	*	*	*	*	*
Bladder neck (188.5)	*	*	*	*	*	*	*	*	*
Ureteric orifice (188.6)	*	*	*	*	*	*	*	*	*
Urachus (188.7)	.0	*	*	*	*	*	*	*	*
Other (188.8)	*	*	*	*	*	*	*	*	*
Part unspecified (188.9)	4.1	5.7	2.7	6.3	2.8	2.6	1.9	3.2	2.4
Malignant neoplasms of kidney and other and unspecified urinary organs (189)	4.1	5.2	3.2	5.5	3.4	3.3	2.0	3.9	2.4
Kidney, except pelvis (189.0)	3.9	4.9	2.9	5.3	3.1	3.2	1.8	3.8	2.1
Renal pelvis (189.1)	.1	.1	.1	.1	.1	*	*	*	*
Ureter (189.2)	.1	.1	.1	.1	.1	*	*	*	*
Urethra (189.3)	.0	.0	.1	.0	.1	*	.1	*	.1
Paraurethral glands (189.4)	*	*	*	*	*	*	*	*	*
Other (189.8)	*	*	*	*	*	*	*	*	*
Site unspecified (189.9)	.0	.0	*	.0	*	*	*	*	*
Malignant neoplasms of other and unspecified sites (190-199)	19.1	20.1	18.0	20.9	19.1	15.7	12.7	18.5	14.7
Malignant neoplasm of eye (190)	.1	.1	.1	.1	.1	*	*	*	*
Eyeball, except conjunctiva, cornea, retina, and choroid (190.0)	*	*	*	*	*	*	*	*	*
Orbit (190.1)	.0	.0	.0	*	.0	*	*	*	*
Lacrimal gland (190.2)	*	*	*	*	*	*	*	*	*
Conjunctiva (190.3)	*	*	*	*	*	*	*	*	*
Cornea (190.4)	*	*	*	*	*	*	*	*	*
Retina (190.5)	.0	*	*	*	*	*	*	*	*
Choroid (190.6)	*	*	*	*	*	*	*	*	*
Lacrimal duct (190.7)	*	*	*	*	*	*	*	*	*
Other (190.8)	*	*	*	*	*	*	*	*	*
Part unspecified (190.9)	.1	.1	.1	.1	.1	*	*	*	*
Malignant neoplasm of brain (191)	4.6	5.1	4.1	5.6	4.5	2.2	1.7	2.4	1.9
Cerebrum, except lobes and ventricles (191.0)	.1	.2	.1	.2	.1	*	*	*	*
Frontal lobe (191.1)	.1	.1	.1	.1	.1	*	*	*	*
Temporal lobe (191.2)	.1	.1	.0	.1	.1	*	*	*	*
Parietal lobe (191.3)	.1	.1	.0	.1	.1	*	*	*	*
Occipital lobe (191.4)	.0	*	*	*	*	*	*	*	*
Ventricle (191.5)	.0	.0	*	*	*	*	*	*	*
Cerebellum (191.6)	.1	.1	.1	.1	.1	*	*	*	*
Brain stem (191.7)	.1	.1	.1	.1	.1	*	*	*	*
Other (191.8)	.0	.0	.0	.1	.0	*	*	*	*
Brain, unspecified (191.9)	4.0	4.5	3.6	5.0	4.0	1.9	1.4	2.1	1.6
Malignant neoplasms of other and unspecified parts of nervous system (192)	.1	.1	.1	.1	.1	.1	*	.1	*
Cranial nerves (192.0)	*	*	*	*	*	*	*	*	*
Cerebral meninges (192.1)	.0	.0	.0	.0	.1	*	*	*	*
Spinal cord (192.2)	.0	.0	.0	.0	.0	*	*	*	*
Spinal meninges (192.3)	*	*	*	*	*	*	*	*	*
Other (192.8)	*	*	*	*	*	*	*	*	*
Part unspecified (192.9)	.0	.0	.0	.0	.0	*	*	*	*
Malignant neoplasm of thyroid gland (193)	.4	.3	.5	.3	.5	.1	.4	.2	.4
Malignant neoplasms of other endocrine glands and related structures (194)	.3	.3	.3	.3	.3	.3	.2	.3	.3
Suprarenal gland (194.0)	.2	.2	.2	.2	.2	.2	.1	.2	.2
Parathyroid gland (194.1)	.0	*	*	*	*	*	*	*	*
Pituitary gland and craniopharyngeal duct (194.3)	.0	.0	*	*	*	*	*	*	*
Pineal gland (194.4)	.0	*	*	*	*	*	*	*	*
Carotid body (194.5)	*	*	*	*	*	*	*	*	*
Aortic body and other paraganglia (194.6)	*	*	*	*	*	*	*	*	*
Other (194.8)	*	*	*	*	*	*	*	*	*
Site unspecified (194.9)	.0	*	.0	*	*	*	*	*	*
Malignant neoplasms of other and ill-defined sites (195)	1.3	1.4	1.3	1.4	1.3	1.5	1.1	1.9	1.3
Head, face, and neck (195.0)	.7	.9	.4	.9	.4	1.1	.4	1.4	.5
Thorax (195.1)	.1	.1	.0	.1	.1	*	*	*	*
Abdomen (195.2)	.4	.3	.6	.3	.6	.2	.4	.3	.5
Pelvis (195.3)	.1	.0	.2	.0	.2	*	.2	*	.2
Upper limb (195.4)	*	*	*	*	*	*	*	*	*
Lower limb (195.5)	.0	.0	.0	*	.0	*	*	*	*
Other specified sites (195.8)	.0	.0	*	.0	*	*	*	*	*
Malignant neoplasms without specification of site (199)	12.3	12.8	11.8	13.0	12.3	11.4	9.2	13.5	10.7
Disseminated (199.0)	.7	.7	.7	.7	.7	.7	.6	.8	.7
Other (199.1)	11.6	12.1	11.1	12.4	11.5	10.7	8.6	12.7	10.0

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	47,741	25,504	22,237	22,812	19,943	2,692	2,294	2,346	2,018
Lymphosarcoma and reticulosarcoma (200)	1,871	1,049	822	963	765	86	57	65	51
Reticulosarcoma (200.0)	477	234	243	220	229	14	14	11	12
Lymphosarcoma (200.1)	846	466	380	426	354	40	26	32	23
Burkitt's tumor (200.2)	137	105	32	96	30	9	2	5	2
Other named variants (200.8)	411	244	167	221	152	23	15	17	14
Hodgkin's disease (201)	1,632	956	676	853	618	103	58	96	52
Hodgkin's paragranuloma (201.0)	-	-	-	-	-	-	-	-	-
Hodgkin's granuloma (201.1)	1	-	1	-	1	-	-	-	-
Hodgkin's sarcoma (201.2)	1	1	-	1	-	-	-	-	-
Lymphocytic-histiocytic predominance (201.4)	1	-	1	-	1	-	-	-	-
Nodular sclerosis (201.5)	16	8	8	6	7	2	1	2	1
Mixed cellularity (201.6)	11	6	5	5	5	1	-	1	-
Lymphocytic depletion (201.7)	10	5	5	4	5	1	-	1	-
Unspecified (201.9)	1,592	936	656	837	599	99	57	92	51
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	16,730	8,746	7,984	8,042	7,415	704	569	586	470
Nodular lymphoma (202.0)	188	79	109	76	105	3	4	3	3
Mycosis fungoides (202.1)	143	90	53	72	37	18	16	16	15
Sezary's disease (202.2)	8	6	2	6	2	-	-	-	-
Malignant histiocytosis (202.3)	20	10	10	8	6	2	4	2	2
Leukemic reticuloendotheliosis (202.4)	116	78	38	73	37	5	1	5	1
Letterer-Siwe disease (202.5)	-	-	-	-	-	-	-	-	-
Malignant mast-cell tumor (202.6)	4	3	1	3	1	-	-	-	-
Other lymphomas (202.8)	16,201	8,453	7,748	7,778	7,206	675	542	559	448
Other and unspecified (202.9)	50	27	23	26	21	1	2	1	1
Multiple myeloma and immunoproliferative neoplasms (203)	8,934	4,561	4,373	3,765	3,612	796	761	745	708
Multiple myeloma (203.0)	8,877	4,527	4,350	3,736	3,592	791	758	740	705
Plasma cell leukemia (203.1)	38	21	17	18	14	3	3	3	3
Other immunoproliferative neoplasms (203.8)	19	13	6	11	6	2	-	2	-
Lymphoid leukemia (204)	5,508	3,160	2,348	2,818	2,096	342	252	315	227
Acute (204.0)	1,503	834	669	738	573	96	96	76	76
Chronic (204.1)	3,668	2,143	1,525	1,915	1,385	228	140	224	136
Subacute (204.2)	1	-	1	-	1	-	-	-	-
Other (204.8)	3	2	1	2	1	-	-	-	-
Unspecified (204.9)	333	181	152	163	136	18	16	15	15
Myeloid leukemia (205)	7,700	4,198	3,502	3,788	3,157	410	345	327	293
Acute (205.0)	5,099	2,718	2,381	2,478	2,165	240	216	189	178
Chronic (205.1)	2,318	1,325	993	1,165	871	160	122	130	109
Subacute (205.2)	16	5	11	5	10	-	1	-	1
Myeloid sarcoma (205.3)	11	7	4	6	4	1	-	-	-
Other (205.8)	3	1	2	1	2	-	-	-	-
Unspecified (205.9)	253	142	111	133	105	9	6	8	5
Monocytic leukemia (206)	269	137	132	128	121	9	11	9	11
Acute (206.0)	214	111	103	105	94	6	9	6	9
Chronic (206.1)	22	14	8	12	7	2	1	2	1
Subacute (206.2)	1	1	-	1	-	-	-	-	-
Other (206.8)	-	-	-	-	-	-	-	-	-
Unspecified (206.9)	32	11	21	10	20	1	1	1	1
Other specified leukemia (207)	208	116	92	105	77	11	15	9	12
Acute erythremia and erythroleukemia (207.0)	100	51	49	48	43	3	6	2	6
Chronic erythremia (207.1)	-	-	-	-	-	-	-	-	-
Megakaryocytic leukemia (207.2)	46	25	21	22	17	3	4	2	2
Other (207.8)	62	40	22	35	17	5	5	5	4
Leukemia of unspecified cell type (208)	4,889	2,581	2,308	2,350	2,082	231	226	194	194
Acute (208.0)	2,765	1,444	1,321	1,329	1,198	115	123	91	102
Chronic (208.1)	184	111	73	101	69	10	4	9	4
Subacute (208.2)	5	2	3	2	2	-	1	-	1
Other (208.8)	17	8	9	7	8	1	1	1	1
Unspecified (208.9)	1,918	1,016	902	911	805	105	97	93	86
Benign neoplasms (210-229)	1,477	540	937	450	782	90	155	79	137
Benign neoplasms of lip, oral cavity, and pharynx (210)	5	3	2	3	2	-	-	-	-
Lip (210.0)	-	-	-	-	-	-	-	-	-
Tongue (210.1)	-	-	-	-	-	-	-	-	-
Major salivary glands (210.2)	2	1	1	1	1	-	-	-	-
Floor of mouth (210.3)	-	-	-	-	-	-	-	-	-
Other and unspecified parts of mouth (210.4)	1	-	1	-	1	-	-	-	-
Tonsil (210.5)	-	-	-	-	-	-	-	-	-
Other parts of oropharynx (210.6)	-	-	-	-	-	-	-	-	-
Nasopharynx (210.7)	-	-	-	-	-	-	-	-	-
Hypopharynx (210.8)	-	-	-	-	-	-	-	-	-
Pharynx, unspecified (210.9)	2	2	-	2	-	-	-	-	-
Benign neoplasms of other parts of digestive system (211)	114	48	66	43	55	5	11	4	10
Esophagus (211.0)	2	2	-	2	-	-	-	-	-
Stomach (211.1)	19	8	11	6	11	2	-	2	-
Small intestine, including duodenum (211.2)	3	1	2	1	1	-	1	-	1
Colon (211.3)	43	20	23	18	18	2	5	1	5
Rectum and anal canal (211.4)	3	-	3	-	3	-	-	-	-
Liver and biliary passages (211.5)	11	4	7	4	6	-	1	-	1
Pancreas, except islets of Langerhans (211.6)	12	7	5	7	3	-	2	-	1
Islets of Langerhans (211.7)	16	4	12	4	10	-	2	-	2
Retroperitoneum and peritoneum (211.8)	4	2	2	1	2	1	-	1	-
Other and unspecified site (211.9)	1	-	1	-	1	-	-	-	-
Benign neoplasms of respiratory and intrathoracic organs (212)	85	36	49	29	42	7	7	6	4
Nasal cavities, middle ear, and accessory sinuses (212.0)	5	1	4	1	4	-	-	-	-
Larynx (212.1)	5	2	3	-	2	2	1	2	-
Trachea (212.2)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	19.2	21.0	17.4	22.3	18.7	14.1	11.0	16.3	12.6
Lymphosarcoma and reticulosarcoma (200)	.8	.9	.6	.9	.7	.5	.3	.5	.3
Reticulosarcoma (200.0)	.2	.2	.2	.2	.2	*	*	*	*
Lymphosarcoma (200.1)	.3	.4	.3	.4	.3	.2	.1	.2	.1
Burkitt's tumor (200.2)	.1	.1	.0	.1	.0	*	*	*	*
Other named variants (200.8)	.2	.2	.1	.2	.1	.1	*	*	*
Hodgkin's disease (201)	.7	.8	.5	.8	.6	.5	.3	.7	.3
Hodgkin's paragranuloma (201.0)	*	*	*	*	*	*	*	*	*
Hodgkin's granuloma (201.1)	*	*	*	*	*	*	*	*	*
Hodgkin's sarcoma (201.2)	*	*	*	*	*	*	*	*	*
Lymphocytic-histiocytic predominance (201.4)	*	*	*	*	*	*	*	*	*
Nodular sclerosis (201.5)	*	*	*	*	*	*	*	*	*
Mixed cellularity (201.6)	*	*	*	*	*	*	*	*	*
Lymphocytic depletion (201.7)	*	*	*	*	*	*	*	*	*
Unspecified (201.9)	.6	.8	.5	.8	.6	.5	.3	.6	.3
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	6.7	7.2	6.3	7.9	7.0	3.7	2.7	4.1	2.9
Nodular lymphoma (202.0)	.1	.1	.1	.1	.1	*	*	*	*
Mycosis fungoides (202.1)	.1	.1	.0	.1	.0	*	*	*	*
Sezary's disease (202.2)	*	*	*	*	*	*	*	*	*
Malignant histiocytosis (202.3)	.0	*	*	*	*	*	*	*	*
Leukemic reticuloendotheliosis (202.4)	.0	.1	.0	.1	.0	*	*	*	*
Letterer-Siwe disease (202.5)	*	*	*	*	*	*	*	*	*
Malignant mast-cell tumor (202.6)	*	*	*	*	*	*	*	*	*
Other lymphomas (202.8)	6.5	7.0	6.1	7.6	6.8	3.5	2.6	3.9	2.8
Other and unspecified (202.9)	.0	.0	.0	.0	.0	*	*	*	*
Multiple myeloma and immunoproliferative neoplasms (203)	3.6	3.8	3.4	3.7	3.4	4.2	3.6	5.2	4.4
Multiple myeloma (203.0)	3.6	3.7	3.4	3.7	3.4	4.1	3.6	5.1	4.4
Plasma cell leukemia (203.1)	.0	.0	*	*	*	*	*	*	*
Other immunoproliferative neoplasms (203.8)	*	*	*	*	*	*	*	*	*
Lymphoid leukemia (204)	2.2	2.6	1.8	2.8	2.0	1.8	1.2	2.2	1.4
Acute (204.0)	.6	.7	.5	.7	.5	.5	.5	.5	.5
Chronic (204.1)	1.5	1.8	1.2	1.9	1.3	1.2	.7	1.6	.8
Subacute (204.2)	*	*	*	*	*	*	*	*	*
Other (204.8)	*	*	*	*	*	*	*	*	*
Unspecified (204.9)	.1	.1	.1	.2	.1	*	*	*	*
Myeloid leukemia (205)	3.1	3.5	2.7	3.7	3.0	2.1	1.6	2.3	1.8
Acute (205.0)	2.1	2.2	1.9	2.4	2.0	1.3	1.0	1.3	1.1
Chronic (205.1)	.9	1.1	.8	1.1	.8	.8	.6	.9	.7
Subacute (205.2)	*	*	*	*	*	*	*	*	*
Myeloid sarcoma (205.3)	*	*	*	*	*	*	*	*	*
Other (205.8)	*	*	*	*	*	*	*	*	*
Unspecified (205.9)	.1	.1	.1	.1	.1	*	*	*	*
Monocytic leukemia (206)	.1	.1	.1	.1	.1	*	*	*	*
Acute (206.0)	.1	.1	.1	.1	.1	*	*	*	*
Chronic (206.1)	.0	*	*	*	*	*	*	*	*
Subacute (206.2)	*	*	*	*	*	*	*	*	*
Other (206.8)	*	*	*	*	*	*	*	*	*
Unspecified (206.9)	.0	*	.0	*	.0	*	*	*	*
Other specified leukemia (207)	.1	.1	.1	.1	.1	*	*	*	*
Acute erythremia and erythroleukemia (207.0)	.0	.0	.0	.0	.0	*	*	*	*
Chronic erythremia (207.1)	*	*	*	*	*	*	*	*	*
Megakaryocytic leukemia (207.2)	.0	.0	.0	.0	*	*	*	*	*
Other (207.8)	.0	.0	.0	.0	*	*	*	*	*
Leukemia of unspecified cell type (208)	2.0	2.1	1.8	2.3	2.0	1.2	1.1	1.3	1.2
Acute (208.0)	1.1	1.2	1.0	1.3	1.1	.6	.6	.6	.6
Chronic (208.1)	.1	.1	.1	.1	.1	*	*	*	*
Subacute (208.2)	*	*	*	*	*	*	*	*	*
Other (208.8)	*	*	*	*	*	*	*	*	*
Unspecified (208.9)	.8	.8	.7	.9	.8	.5	.5	.6	.5
Benign neoplasms (210-229)	.6	.4	.7	.4	.7	.5	.7	.5	.9
Benign neoplasms of lip, oral cavity, and pharynx (210)	*	*	*	*	*	*	*	*	*
Lip (210.0)	*	*	*	*	*	*	*	*	*
Tongue (210.1)	*	*	*	*	*	*	*	*	*
Major salivary glands (210.2)	*	*	*	*	*	*	*	*	*
Floor of mouth (210.3)	*	*	*	*	*	*	*	*	*
Other and unspecified parts of mouth (210.4)	*	*	*	*	*	*	*	*	*
Tonsil (210.5)	*	*	*	*	*	*	*	*	*
Other parts of oropharynx (210.6)	*	*	*	*	*	*	*	*	*
Nasopharynx (210.7)	*	*	*	*	*	*	*	*	*
Hypopharynx (210.8)	*	*	*	*	*	*	*	*	*
Pharynx, unspecified (210.9)	*	*	*	*	*	*	*	*	*
Benign neoplasms of other parts of digestive system (211)	.0	.0	.1	.0	.1	*	*	*	*
Esophagus (211.0)	*	*	*	*	*	*	*	*	*
Stomach (211.1)	*	*	*	*	*	*	*	*	*
Small intestine, including duodenum (211.2)	*	*	*	*	*	*	*	*	*
Colon (211.3)	.0	.0	.0	*	*	*	*	*	*
Rectum and anal canal (211.4)	*	*	*	*	*	*	*	*	*
Liver and biliary passages (211.5)	*	*	*	*	*	*	*	*	*
Pancreas, except islets of Langerhans (211.6)	*	*	*	*	*	*	*	*	*
Islets of Langerhans (211.7)	*	*	*	*	*	*	*	*	*
Retroperitoneum and peritoneum (211.8)	*	*	*	*	*	*	*	*	*
Other and unspecified site (211.9)	*	*	*	*	*	*	*	*	*
Benign neoplasms of respiratory and intrathoracic organs (212)	.0	.0	.0	.0	.0	*	*	*	*
Nasal cavities, middle ear, and accessory sinuses (212.0)	*	*	*	*	*	*	*	*	*
Larynx (212.1)	*	*	*	*	*	*	*	*	*
Trachea (212.2)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

(Page 29 of 140)

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers "042-"044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Benign neoplasms of respiratory and intrathoracic organs-Con.									
Bronchus and lung (212.3)	10	6	4	5	4	1	-	1	-
Pleura (212.4)	-	-	-	-	-	-	-	-	-
Mediastinum (212.5)	3	-	3	-	3	-	-	-	-
Thymus (212.6)	21	13	8	10	7	3	1	3	1
Heart (212.7)	41	14	27	13	22	1	5	-	3
Other specified sites (212.8)	-	-	-	-	-	-	-	-	-
Site unspecified (212.9)	-	-	-	-	-	-	-	-	-
Benign neoplasms of bone and articular cartilage (213)	10	4	6	4	4	-	2	-	2
Bones of skull and face (213.0)	2	-	2	-	1	-	1	-	1
Lower jaw bone (213.1)	2	-	2	-	2	-	-	-	-
Vertebral column, excluding sacrum and coccyx (213.2)	1	1	-	1	-	-	-	-	-
Ribs, sternum, and clavicle (213.3)	-	-	-	-	-	-	-	-	-
Long bones of upper limb and scapula (213.4)	1	-	1	-	1	-	-	-	-
Upper limb, short bones (213.5)	-	-	-	-	-	-	-	-	-
Pelvic bones, sacrum and coccyx (213.6)	1	1	-	1	-	-	-	-	-
Lower limb, long bones (213.7)	-	-	-	-	-	-	-	-	-
Lower limb, short bones (213.8)	-	-	-	-	-	-	-	-	-
Site unspecified (213.9)	3	2	1	2	-	-	1	-	1
Lipoma (214)	8	3	5	1	5	2	-	2	-
Other benign neoplasms of connective and other soft tissue (215)	33	10	23	8	20	2	3	1	3
Head, face, and neck (215.0)	1	1	-	1	-	-	-	-	-
Upper limb, including shoulder (215.2)	-	-	-	-	-	-	-	-	-
Lower limb, including hip (215.3)	2	1	1	1	1	-	-	-	-
Thorax (215.4)	2	1	1	1	1	-	-	-	-
Abdomen (215.5)	2	-	2	-	2	-	-	-	-
Pelvis (215.6)	1	-	1	-	1	-	-	-	-
Trunk, unspecified (215.7)	-	-	-	-	-	-	-	-	-
Other specified sites (215.8)	1	-	1	-	1	-	-	-	-
Site unspecified (215.9)	24	7	17	5	14	2	3	1	3
Benign neoplasms of skin (216)	39	26	13	23	11	3	2	3	2
Skin of lip (216.0)	-	-	-	-	-	-	-	-	-
Eyelid, including canthus (216.1)	-	-	-	-	-	-	-	-	-
Ear and external auricular canal (216.2)	2	1	1	1	-	-	1	-	1
Skin of other and unspecified parts of face (216.3)	-	-	-	-	-	-	-	-	-
Scalp and skin of neck (216.4)	-	-	-	-	-	-	-	-	-
Skin of trunk, except scrotum (216.5)	1	1	-	1	-	-	-	-	-
Skin of upper limb, including shoulder (216.6)	1	-	1	-	1	-	-	-	-
Skin of lower limb, including hip (216.7)	2	1	1	1	1	-	-	-	-
Other (216.8)	-	-	-	-	-	-	-	-	-
Site unspecified (216.9)	33	23	10	20	9	3	1	3	1
Benign neoplasm of breast (217)	-	-	-	-	-	-	-	-	-
Uterine leiomyoma (218)	13	...	13	...	10	...	3	...	3
Other benign neoplasm of uterus (219)	7	...	7	...	5	...	2	...	2
Cervix uteri (219.0)	-	...	-	...	-	...	-	...	-
Corpus uteri (219.1)	1	...	1	...	1	...	-	...	-
Other specified parts (219.8)	1	...	1	...	1	...	-	...	-
Part unspecified (219.9)	5	...	5	...	3	...	2	...	2
Benign neoplasm of ovary (220)	16	...	16	...	12	...	4	...	3
Benign neoplasms of other female genital organs (221)	1	...	1	...	1	...	-	...	-
Uterine tube and ligaments (221.0)	-	...	-	...	-	...	-	...	-
Vagina (221.1)	-	...	-	...	-	...	-	...	-
Vulva (221.2)	-	...	-	...	-	...	-	...	-
Other specified sites (221.8)	-	...	-	...	-	...	-	...	-
Site unspecified (221.9)	1	...	1	...	1	...	-	...	-
Benign neoplasms of male genital organs (222)	2	2	...	2	...	-	...	-	...
Testis (222.0)	1	1	...	1	...	-	...	-	...
Penis (222.1)	-	-	...	-	...	-	...	-	...
Prostate (222.2)	1	1	...	1	...	-	...	-	...
Epididymis (222.3)	-	-	...	-	...	-	...	-	...
Scrotum (222.4)	-	-	...	-	...	-	...	-	...
Other specified sites (222.8)	-	-	...	-	...	-	...	-	...
Site unspecified (222.9)	-	-	...	-	...	-	...	-	...
Benign neoplasms of kidney and other urinary organs (223)	5	2	3	2	3	-	-	-	-
Kidney, except pelvis (223.0)	5	2	3	2	3	-	-	-	-
Renal pelvis (223.1)	-	-	-	-	-	-	-	-	-
Ureter (223.2)	-	-	-	-	-	-	-	-	-
Bladder (223.3)	-	-	-	-	-	-	-	-	-
Other specified sites (223.8)	-	-	-	-	-	-	-	-	-
Site unspecified (223.9)	-	-	-	-	-	-	-	-	-
Benign neoplasm of eye (224)	-	-	-	-	-	-	-	-	-
Eyeball, except conjunctiva, cornea, retina, and choroid (224.0)	-	-	-	-	-	-	-	-	-
Orbit (224.1)	-	-	-	-	-	-	-	-	-
Lacrimal gland (224.2)	-	-	-	-	-	-	-	-	-
Conjunctiva (224.3)	-	-	-	-	-	-	-	-	-
Cornea (224.4)	-	-	-	-	-	-	-	-	-
Retina (224.5)	-	-	-	-	-	-	-	-	-
Choroid (224.6)	-	-	-	-	-	-	-	-	-
Lacrimal duct (224.7)	-	-	-	-	-	-	-	-	-
Other specified parts (224.8)	-	-	-	-	-	-	-	-	-
Part unspecified (224.9)	-	-	-	-	-	-	-	-	-
Benign neoplasms of brain and other parts of nervous system (225)	896	287	609	245	512	42	97	38	89
Brain (225.0)	128	47	81	43	70	4	11	3	10
Cranial nerves (225.1)	47	15	32	15	26	-	6	-	4
Cerebral meninges (225.2)	711	222	489	184	411	38	78	35	73
Spinal cord (225.3)	3	2	1	2	1	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Benign neoplasms of respiratory and intrathoracic organs-Con.									
Bronchus and lung (212.3)	*	*	*	*	*	*	*	*	*
Pleura (212.4)	*	*	*	*	*	*	*	*	*
Mediastinum (212.5)	*	*	*	*	*	*	*	*	*
Thymus (212.6)	0.0	*	*	*	*	*	*	*	*
Heart (212.7)	.0	*	0.0	*	0.0	*	*	*	*
Other specified sites (212.8)	*	*	*	*	*	*	*	*	*
Site unspecified (212.9)	*	*	*	*	*	*	*	*	*
Benign neoplasms of bone and articular cartilage (213)	*	*	*	*	*	*	*	*	*
Bones of skull and face (213.0)	*	*	*	*	*	*	*	*	*
Lower jaw bone (213.1)	*	*	*	*	*	*	*	*	*
Vertebral column, excluding sacrum and coccyx (213.2)	*	*	*	*	*	*	*	*	*
Ribs, sternum, and clavicle (213.3)	*	*	*	*	*	*	*	*	*
Long bones of upper limb and scapula (213.4)	*	*	*	*	*	*	*	*	*
Upper limb, short bones (213.5)	*	*	*	*	*	*	*	*	*
Pelvic bones, sacrum and coccyx (213.6)	*	*	*	*	*	*	*	*	*
Lower limb, long bones (213.7)	*	*	*	*	*	*	*	*	*
Lower limb, short bones (213.8)	*	*	*	*	*	*	*	*	*
Site unspecified (213.9)	*	*	*	*	*	*	*	*	*
Lipoma (214)	*	*	*	*	*	*	*	*	*
Other benign neoplasms of connective and other soft tissue (215)	.0	*	.0	*	.0	*	*	*	*
Head, face, and neck (215.0)	*	*	*	*	*	*	*	*	*
Upper limb, including shoulder (215.2)	*	*	*	*	*	*	*	*	*
Lower limb, including hip (215.3)	*	*	*	*	*	*	*	*	*
Thorax (215.4)	*	*	*	*	*	*	*	*	*
Abdomen (215.5)	*	*	*	*	*	*	*	*	*
Pelvis (215.6)	*	*	*	*	*	*	*	*	*
Trunk, unspecified (215.7)	*	*	*	*	*	*	*	*	*
Other specified sites (215.8)	*	*	*	*	*	*	*	*	*
Site unspecified (215.9)	.0	*	*	*	*	*	*	*	*
Benign neoplasms of skin (216)	.0	0.0	*	0.0	*	*	*	*	*
Skin of lip (216.0)	*	*	*	*	*	*	*	*	*
Eyelid, including canthus (216.1)	*	*	*	*	*	*	*	*	*
Ear and external auricular canal (216.2)	*	*	*	*	*	*	*	*	*
Skin of other and unspecified parts of face (216.3)	*	*	*	*	*	*	*	*	*
Scalp and skin of neck (216.4)	*	*	*	*	*	*	*	*	*
Skin of trunk, except scrotum (216.5)	*	*	*	*	*	*	*	*	*
Skin of upper limb, including shoulder (216.6)	*	*	*	*	*	*	*	*	*
Skin of lower limb, including hip (216.7)	*	*	*	*	*	*	*	*	*
Other (216.8)	*	*	*	*	*	*	*	*	*
Site unspecified (216.9)	.0	.0	*	.0	*	*	*	*	*
Benign neoplasm of breast (217)	*	*	*	*	*	*	*	*	*
Uterine leiomyoma (218)	*	...	*	...	*	...	*	...	*
Other benign neoplasm of uterus (219)	*	...	*	...	*	...	*	...	*
Cervix uteri (219.0)	*	...	*	...	*	...	*	...	*
Corpus uteri (219.1)	*	...	*	...	*	...	*	...	*
Other specified parts (219.8)	*	...	*	...	*	...	*	...	*
Part unspecified (219.9)	*	...	*	...	*	...	*	...	*
Benign neoplasm of ovary (220)	*	...	*	...	*	...	*	...	*
Benign neoplasms of other female genital organs (221)	*	...	*	...	*	...	*	...	*
Uterine tube and ligaments (221.0)	*	...	*	...	*	...	*	...	*
Vagina (221.1)	*	...	*	...	*	...	*	...	*
Vulva (221.2)	*	...	*	...	*	...	*	...	*
Other specified sites (221.8)	*	...	*	...	*	...	*	...	*
Site unspecified (221.9)	*	...	*	...	*	...	*	...	*
Benign neoplasms of male genital organs (222)	*	*	...	*	...	*	...	*	...
Testis (222.0)	*	*	...	*	...	*	...	*	...
Penis (222.1)	*	*	...	*	...	*	...	*	...
Prostate (222.2)	*	*	...	*	...	*	...	*	...
Epididymis (222.3)	*	*	...	*	...	*	...	*	...
Scrotum (222.4)	*	*	...	*	...	*	...	*	...
Other specified sites (222.8)	*	*	...	*	...	*	...	*	...
Site unspecified (222.9)	*	*	...	*	...	*	...	*	...
Benign neoplasms of kidney and other urinary organs (223)	*	*	*	*	*	*	*	*	*
Kidney, except pelvis (223.0)	*	*	*	*	*	*	*	*	*
Renal pelvis (223.1)	*	*	*	*	*	*	*	*	*
Ureter (223.2)	*	*	*	*	*	*	*	*	*
Bladder (223.3)	*	*	*	*	*	*	*	*	*
Other specified sites (223.8)	*	*	*	*	*	*	*	*	*
Site unspecified (223.9)	*	*	*	*	*	*	*	*	*
Benign neoplasm of eye (224)	*	*	*	*	*	*	*	*	*
Eyeball, except conjunctiva, cornea, retina, and choroid (224.0)	*	*	*	*	*	*	*	*	*
Orbit (224.1)	*	*	*	*	*	*	*	*	*
Lacrimal gland (224.2)	*	*	*	*	*	*	*	*	*
Conjunctiva (224.3)	*	*	*	*	*	*	*	*	*
Cornea (224.4)	*	*	*	*	*	*	*	*	*
Retina (224.5)	*	*	*	*	*	*	*	*	*
Choroid (224.6)	*	*	*	*	*	*	*	*	*
Lacrimal duct (224.7)	*	*	*	*	*	*	*	*	*
Other specified parts (224.8)	*	*	*	*	*	*	*	*	*
Part unspecified (224.9)	*	*	*	*	*	*	*	*	*
Benign neoplasms of brain and other parts of nervous system (225)	.4	.2	.5	.2	.5	0.2	0.5	0.3	0.6
Brain (225.0)	.1	.0	.1	.0	.1	*	*	*	*
Cranial nerves (225.1)	.0	*	.0	*	.0	*	*	*	*
Cerebral meninges (225.2)	.3	.2	.4	.2	.4	.2	.4	.2	.5
Spinal cord (225.3)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Benign neoplasms of brain and other parts of nervous system-Con.									
Spinal meninges (225.4)	5	–	5	–	4	–	1	–	1
Other (225.8)	–	–	–	–	–	–	–	–	–
Part unspecified (225.9)	2	1	1	1	–	–	1	–	1
Benign neoplasm of thyroid gland (226)	4	–	4	–	4	–	–	–	–
Benign neoplasms of other endocrine glands and related structures (227)	117	55	62	38	52	17	10	16	9
Suprarenal gland (227.0)	29	9	20	5	15	4	5	3	4
Parathyroid gland (227.1)	10	3	7	2	7	1	–	1	–
Pituitary gland and craniopharyngeal duct (227.3)	75	42	33	30	28	12	5	12	5
Pineal gland (227.4)	1	1	–	1	–	–	–	–	–
Carotid body (227.5)	1	–	1	–	1	–	–	–	–
Aortic body and other paraganglia (227.6)	1	–	1	–	1	–	–	–	–
Other (227.8)	–	–	–	–	–	–	–	–	–
Site unspecified (227.9)	–	–	–	–	–	–	–	–	–
Hemangioma and lymphangioma, any site (228)	94	49	45	40	35	9	10	7	6
Hemangioma, any site (228.0)	49	25	24	21	18	4	6	4	4
Lymphangioma, any site (228.1)	45	24	21	19	17	5	4	3	2
Benign neoplasms of other and unspecified sites (229)	28	15	13	12	9	3	4	2	4
Lymph nodes (229.0)	–	–	–	–	–	–	–	–	–
Other specified sites (229.8)	5	2	3	1	3	1	–	1	–
Site unspecified (229.9)	23	13	10	11	6	2	4	1	4
Carcinoma in situ (230-234)	11	1	10	1	9	–	1	–	1
Carcinoma in situ of digestive organs (230)	1	–	1	–	1	–	–	–	–
Lip, oral cavity, and pharynx (230.0)	–	–	–	–	–	–	–	–	–
Esophagus (230.1)	–	–	–	–	–	–	–	–	–
Stomach (230.2)	–	–	–	–	–	–	–	–	–
Colon (230.3)	1	–	1	–	1	–	–	–	–
Rectum (230.4)	–	–	–	–	–	–	–	–	–
Anal canal (230.5)	–	–	–	–	–	–	–	–	–
Anus, unspecified (230.6)	–	–	–	–	–	–	–	–	–
Other and unspecified parts of intestine (230.7)	–	–	–	–	–	–	–	–	–
Liver and biliary system (230.8)	–	–	–	–	–	–	–	–	–
Other and unspecified digestive organs (230.9)	–	–	–	–	–	–	–	–	–
Carcinoma in situ of respiratory system (231)	2	–	2	–	2	–	–	–	–
Larynx (231.0)	1	–	1	–	1	–	–	–	–
Trachea (231.1)	–	–	–	–	–	–	–	–	–
Bronchus and lung (231.2)	1	–	1	–	1	–	–	–	–
Other specified parts (231.8)	–	–	–	–	–	–	–	–	–
Part unspecified (231.9)	–	–	–	–	–	–	–	–	–
Carcinoma in situ of skin (232)	–	–	–	–	–	–	–	–	–
Skin of lip (232.0)	–	–	–	–	–	–	–	–	–
Eyelid, including canthus (232.1)	–	–	–	–	–	–	–	–	–
Ear and external auricular canal (232.2)	–	–	–	–	–	–	–	–	–
Skin of other and unspecified parts of face (232.3)	–	–	–	–	–	–	–	–	–
Scalp and skin of neck (232.4)	–	–	–	–	–	–	–	–	–
Skin of trunk, except scrotum (232.5)	–	–	–	–	–	–	–	–	–
Skin of upper limb, including shoulder (232.6)	–	–	–	–	–	–	–	–	–
Skin of lower limb, including hip (232.7)	–	–	–	–	–	–	–	–	–
Other specified sites (232.8)	–	–	–	–	–	–	–	–	–
Site unspecified (232.9)	–	–	–	–	–	–	–	–	–
Carcinoma in situ of breast and genitourinary system (233)	7	–	7	–	6	–	1	–	1
Breast (233.0)	4	–	4	–	3	–	1	–	1
Cervix uteri (233.1)	–	...	–	...	–	...	–	...	–
Other and unspecified parts of uterus (233.2)	2	...	2	...	2	...	–	...	–
Other and unspecified female genital organs (233.3)	1	...	1	...	1	...	–	...	–
Prostate (233.4)	–	–	...	–	...	–	...	–	...
Penis (233.5)	–	–	...	–	...	–	...	–	...
Other and unspecified male genital organs (233.6)	–	–	...	–	...	–	...	–	...
Bladder (233.7)	–	–	–	–	–	–	–	–	–
Other and unspecified urinary organs (233.9)	–	–	–	–	–	–	–	–	–
Carcinoma in situ of other and unspecified sites (234)	1	1	–	1	–	–	–	–	–
Eye (234.0)	–	–	–	–	–	–	–	–	–
Other specified sites (234.8)	1	1	–	1	–	–	–	–	–
Site unspecified (234.9)	–	–	–	–	–	–	–	–	–
Neoplasms of uncertain behavior (235-238)	1,580	741	839	664	747	77	92	70	84
Neoplasms of uncertain behavior of digestive and respiratory systems (235)	110	57	53	48	44	9	9	9	7
Major salivary glands (235.0)	–	–	–	–	–	–	–	–	–
Lip, oral cavity, and pharynx (235.1)	–	–	–	–	–	–	–	–	–
Stomach, intestines, and rectum (235.2)	59	23	36	18	29	5	7	5	5
Liver and biliary passages (235.3)	11	5	6	5	5	–	1	–	1
Retroperitoneum and peritoneum (235.4)	4	3	1	2	1	1	–	1	–
Other and unspecified digestive organs (235.5)	6	4	2	4	1	–	1	–	1
Larynx (235.6)	–	–	–	–	–	–	–	–	–
Trachea, bronchus, and lung (235.7)	22	15	7	13	7	2	–	2	–
Pleura, thymus, and mediastinum (235.8)	8	7	1	6	1	1	–	1	–
Other and unspecified respiratory organs (235.9)	–	–	–	–	–	–	–	–	–
Neoplasms of uncertain behavior of genitourinary organs (236)	23	6	17	6	14	–	3	–	3
Uterus (236.0)	4	...	4	...	3	...	1	...	1
Placenta (236.1)	2	...	2	...	–	...	2	...	2
Ovary (236.2)	7	...	7	...	7	...	–	...	–
Other and unspecified female genital organs (236.3)	–	...	–	...	–	...	–	...	–
Testis (236.4)	–	–	...	–	...	–	...	–	...
Prostate (236.5)	–	–	...	–	...	–	...	–	...
Other and unspecified male genital organs (236.6)	–	–	...	–	...	–	...	–	...
Bladder (236.7)	1	1	–	1	–	–	–	–	–
Other and unspecified urinary organs (236.9)	9	5	4	5	4	–	–	–	–

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Benign neoplasms of brain and other parts of nervous system-Con.									
Spinal meninges (225.4)	*	*	*	*	*	*	*	*	*
Other (225.8)	*	*	*	*	*	*	*	*	*
Part unspecified (225.9)	*	*	*	*	*	*	*	*	*
Benign neoplasm of thyroid gland (226)	*	*	*	*	*	*	*	*	*
Benign neoplasms of other endocrine glands and related structures (227)	0.0	0.0	0.0	0.0	0.0	*	*	*	*
Suprarenal gland (227.0)	.0	*	.0	*	*	*	*	*	*
Parathyroid gland (227.1)	*	*	*	*	*	*	*	*	*
Pituitary gland and craniopharyngeal duct (227.3)	.0	.0	.0	.0	.0	*	*	*	*
Pineal gland (227.4)	*	*	*	*	*	*	*	*	*
Carotid body (227.5)	*	*	*	*	*	*	*	*	*
Aortic body and other paraganglia (227.6)	*	*	*	*	*	*	*	*	*
Other (227.8)	*	*	*	*	*	*	*	*	*
Site unspecified (227.9)	*	*	*	*	*	*	*	*	*
Hemangioma and lymphangioma, any site (228)	.0	.0	.0	.0	.0	*	*	*	*
Hemangioma, any site (228.0)	.0	.0	.0	.0	*	*	*	*	*
Lymphangioma, any site (228.1)	.0	.0	.0	*	*	*	*	*	*
Benign neoplasms of other and unspecified sites (229)	.0	*	*	*	*	*	*	*	*
Lymph nodes (229.0)	*	*	*	*	*	*	*	*	*
Other specified sites (229.8)	*	*	*	*	*	*	*	*	*
Site unspecified (229.9)	.0	*	*	*	*	*	*	*	*
Carcinoma in situ (230-234)	*	*	*	*	*	*	*	*	*
Carcinoma in situ of digestive organs (230)	*	*	*	*	*	*	*	*	*
Lip, oral cavity, and pharynx (230.0)	*	*	*	*	*	*	*	*	*
Esophagus (230.1)	*	*	*	*	*	*	*	*	*
Stomach (230.2)	*	*	*	*	*	*	*	*	*
Colon (230.3)	*	*	*	*	*	*	*	*	*
Rectum (230.4)	*	*	*	*	*	*	*	*	*
Anal canal (230.5)	*	*	*	*	*	*	*	*	*
Anus, unspecified (230.6)	*	*	*	*	*	*	*	*	*
Other and unspecified parts of intestine (230.7)	*	*	*	*	*	*	*	*	*
Liver and biliary system (230.8)	*	*	*	*	*	*	*	*	*
Other and unspecified digestive organs (230.9)	*	*	*	*	*	*	*	*	*
Carcinoma in situ of respiratory system (231)	*	*	*	*	*	*	*	*	*
Larynx (231.0)	*	*	*	*	*	*	*	*	*
Trachea (231.1)	*	*	*	*	*	*	*	*	*
Bronchus and lung (231.2)	*	*	*	*	*	*	*	*	*
Other specified parts (231.8)	*	*	*	*	*	*	*	*	*
Part unspecified (231.9)	*	*	*	*	*	*	*	*	*
Carcinoma in situ of skin (232)	*	*	*	*	*	*	*	*	*
Skin of lip (232.0)	*	*	*	*	*	*	*	*	*
Eyelid, including canthus (232.1)	*	*	*	*	*	*	*	*	*
Ear and external auricular canal (232.2)	*	*	*	*	*	*	*	*	*
Skin of other and unspecified parts of face (232.3)	*	*	*	*	*	*	*	*	*
Scalp and skin of neck (232.4)	*	*	*	*	*	*	*	*	*
Skin of trunk, except scrotum (232.5)	*	*	*	*	*	*	*	*	*
Skin of upper limb, including shoulder (232.6)	*	*	*	*	*	*	*	*	*
Skin of lower limb, including hip (232.7)	*	*	*	*	*	*	*	*	*
Other specified sites (232.8)	*	*	*	*	*	*	*	*	*
Site unspecified (232.9)	*	*	*	*	*	*	*	*	*
Carcinoma in situ of breast and genitourinary system (233)	*	*	*	*	*	*	*	*	*
Breast (233.0)	*	*	*	*	*	*	*	*	*
Cervix uteri (233.1)	*	...	*	...	*	...	*	...	*
Other and unspecified parts of uterus (233.2)	*	...	*	...	*	...	*	...	*
Other and unspecified female genital organs (233.3)	*	...	*	...	*	...	*	...	*
Prostate (233.4)	*	*	...	*	...	*	...	*	...
Penis (233.5)	*	*	...	*	...	*	...	*	...
Other and unspecified male genital organs (233.6)	*	*	...	*	...	*	...	*	...
Bladder (233.7)	*	*	*	*	*	*	*	*	*
Other and unspecified urinary organs (233.9)	*	*	*	*	*	*	*	*	*
Carcinoma in situ of other and unspecified sites (234)	*	*	*	*	*	*	*	*	*
Eye (234.0)	*	*	*	*	*	*	*	*	*
Other specified sites (234.8)	*	*	*	*	*	*	*	*	*
Site unspecified (234.9)	*	*	*	*	*	*	*	*	*
Neoplasms of uncertain behavior (235-238)	.6	.6	.7	.7	.7	0.4	0.4	0.5	0.5
Neoplasms of uncertain behavior of digestive and respiratory systems (235)	.0	.0	.0	.0	.0	*	*	*	*
Major salivary glands (235.0)	*	*	*	*	*	*	*	*	*
Lip, oral cavity, and pharynx (235.1)	*	*	*	*	*	*	*	*	*
Stomach, intestines, and rectum (235.2)	.0	.0	.0	*	.0	*	*	*	*
Liver and biliary passages (235.3)	*	*	*	*	*	*	*	*	*
Retroperitoneum and peritoneum (235.4)	*	*	*	*	*	*	*	*	*
Other and unspecified digestive organs (235.5)	*	*	*	*	*	*	*	*	*
Larynx (235.6)	*	*	*	*	*	*	*	*	*
Trachea, bronchus, and lung (235.7)	.0	*	*	*	*	*	*	*	*
Pleura, thymus, and mediastinum (235.8)	*	*	*	*	*	*	*	*	*
Other and unspecified respiratory organs (235.9)	*	*	*	*	*	*	*	*	*
Neoplasms of uncertain behavior of genitourinary organs (236)	.0	*	*	*	*	*	*	*	*
Uterus (236.0)	*	...	*	...	*	...	*	...	*
Placenta (236.1)	*	...	*	...	*	...	*	...	*
Ovary (236.2)	*	...	*	...	*	...	*	...	*
Other and unspecified female genital organs (236.3)	*	...	*	...	*	...	*	...	*
Testis (236.4)	*	*	...	*	...	*	...	*	...
Prostate (236.5)	*	*	...	*	...	*	...	*	...
Other and unspecified male genital organs (236.6)	*	*	...	*	...	*	...	*	...
Bladder (236.7)	*	*	*	*	*	*	*	*	*
Other and unspecified urinary organs (236.9)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Neoplasms of uncertain behavior-Con.									
Neoplasms of uncertain behavior of endocrine glands and nervous system (237)	171	90	81	67	66	23	15	21	13
Pituitary gland and craniopharyngeal duct (237.0)	61	30	31	21	21	9	10	8	8
Pineal gland (237.1)	4	3	1	2	1	1	–	1	–
Suprarenal gland (237.2)	–	–	–	–	–	–	–	–	–
Paraganglia (237.3)	5	2	3	2	3	–	–	–	–
Other and unspecified endocrine glands (237.4)	1	1	–	1	–	–	–	–	–
Brain and spinal cord (237.5)	31	19	12	16	11	3	1	3	1
Meninges (237.6)	4	2	2	2	2	–	–	–	–
Neurofibromatosis (237.7)	63	32	31	22	27	10	4	9	4
Other and unspecified parts of nervous system (237.9)	2	1	1	1	1	–	–	–	–
Neoplasms of uncertain behavior of other and unspecified sites and tissues (238)	1,276	588	688	543	623	45	65	40	61
Bone and articular cartilage (238.0)	7	–	7	–	7	–	–	–	–
Connective and other soft tissue (238.1)	26	7	19	7	17	–	2	–	2
Skin (238.2)	–	–	–	–	–	–	–	–	–
Breast (238.3)	6	–	6	–	4	–	2	–	2
Polycythemia vera (238.4)	314	118	196	110	181	8	15	8	15
Histiocytic and mast cells (238.5)	1	1	–	–	–	1	–	1	–
Plasma cells (238.6)	44	24	20	18	15	6	5	4	5
Other lymphatic and hematopoietic tissues (238.7)	770	382	388	358	355	24	33	22	29
Other specified sites (238.8)	13	8	5	8	3	–	2	–	2
Site unspecified (238.9)	95	48	47	42	41	6	6	5	6
Neoplasms of unspecified nature (239)	3,684	1,730	1,954	1,543	1,712	187	242	167	209
Neoplasms of unspecified nature (239)	3,684	1,730	1,954	1,543	1,712	187	242	167	209
Digestive system (239.0)	368	171	197	152	164	19	33	16	28
Respiratory system (239.1)	402	235	167	211	150	24	17	23	13
Bone, soft tissue, and skin (239.2)	23	13	10	10	9	3	1	2	1
Breast (239.3)	3	–	3	–	1	–	2	–	2
Bladder (239.4)	33	15	18	15	16	–	2	–	1
Other genitourinary organs (239.5)	81	28	53	24	45	4	8	4	8
Brain (239.6)	2,341	1,087	1,254	979	1,121	108	133	94	113
Endocrine glands, and other parts of nervous system (239.7)	159	80	79	64	57	16	22	16	20
Other specified sites (239.8)	186	66	120	58	103	8	17	7	17
Site unspecified (239.9)	88	35	53	30	46	5	7	5	6
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)									
Disorders of thyroid gland (240-246)	953	241	712	198	621	43	91	39	86
Simple and unspecified goiter (240)	29	9	20	8	7	1	13	1	13
Goiter, specified as simple (240.0)	1	–	1	–	1	–	–	–	–
Goiter, unspecified (240.9)	28	9	19	8	6	1	13	1	13
Nontoxic nodular goiter (241)	12	1	11	1	8	–	3	–	3
Nontoxic uninodular goiter (241.0)	–	–	–	–	–	–	–	–	–
Nontoxic multinodular goiter (241.1)	7	–	7	–	4	–	3	–	3
Unspecified (241.9)	5	1	4	1	4	–	–	–	–
Thyrotoxicosis with or without goiter (242)	153	44	109	33	90	11	19	10	17
Toxic diffuse goiter (242.0)	22	7	15	5	11	2	4	2	4
Toxic uninodular goiter (242.1)	–	–	–	–	–	–	–	–	–
Toxic multinodular goiter (242.2)	2	–	2	–	2	–	–	–	–
Toxic nodular goiter, unspecified (242.3)	4	–	4	–	3	–	1	–	1
Thyrotoxicosis from ectopic thyroid nodule (242.4)	1	1	–	1	–	–	–	–	–
Thyrotoxicosis of other specified origin (242.8)	–	–	–	–	–	–	–	–	–
Thyrotoxicosis without mention of goiter or other cause (242.9)	124	36	88	27	74	9	14	8	12
Congenital hypothyroidism (243)	2	1	1	1	1	–	–	–	–
Acquired hypothyroidism (244)	727	180	547	150	495	30	52	27	50
Other postablative hypothyroidism (244.1)	–	–	–	–	–	–	–	–	–
Iodine hypothyroidism (244.2)	–	–	–	–	–	–	–	–	–
Other iatrogenic hypothyroidism (244.3)	–	–	–	–	–	–	–	–	–
Other (244.8)	–	–	–	–	–	–	–	–	–
Unspecified hypothyroidism (244.9)	727	180	547	150	495	30	52	27	50
Thyroiditis (245)	10	2	8	1	7	1	1	1	–
Acute thyroiditis (245.0)	2	–	2	–	1	–	1	–	–
Subacute thyroiditis (245.1)	–	–	–	–	–	–	–	–	–
Chronic lymphocytic thyroiditis (245.2)	2	–	2	–	2	–	–	–	–
Chronic fibrous thyroiditis (245.3)	1	–	1	–	1	–	–	–	–
Iatrogenic thyroiditis (245.4)	3	2	1	1	1	1	–	1	–
Other and unspecified chronic thyroiditis (245.8)	1	–	1	–	1	–	–	–	–
Unspecified (245.9)	1	–	1	–	1	–	–	–	–
Other disorders of thyroid (246)	20	4	16	4	13	–	3	–	3
Disorders of thyrocalcitonin secretion (246.0)	–	–	–	–	–	–	–	–	–
Dyshormonogenic goiter (246.1)	1	–	1	–	1	–	–	–	–
Cyst of thyroid (246.2)	–	–	–	–	–	–	–	–	–
Hemorrhage and infarction of thyroid (246.3)	–	–	–	–	–	–	–	–	–
Other (246.8)	–	–	–	–	–	–	–	–	–
Unspecified (246.9)	19	4	15	4	12	–	3	–	3
Diseases of other endocrine glands (250-259)	48,480	20,614	27,866	17,072	22,257	3,542	5,609	3,129	5,146
Diabetes mellitus (250)	47,664	20,266	27,398	16,817	21,879	3,449	5,519	3,049	5,065
Diabetes mellitus without mention of complication (250.0)	35,731	15,093	20,638	12,738	16,820	2,355	3,818	2,070	3,519
Diabetes with ketoacidosis (250.1)	1,700	762	938	555	698	207	240	195	226
Diabetes with coma (250.2)	1,170	423	747	313	560	110	187	108	176
Diabetes with renal manifestations (250.3)	4,059	1,776	2,283	1,380	1,644	396	639	330	560
Diabetes with ophthalmic manifestations (250.4)	97	37	60	30	53	7	7	6	7
Diabetes with neurological manifestations (250.5)	342	163	179	151	151	12	28	12	24
Diabetes with peripheral circulatory disorders (250.6)	3,421	1,572	1,849	1,317	1,471	255	378	231	351

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Neoplasms of uncertain behavior-Con.									
Neoplasms of uncertain behavior of endocrine glands and nervous system (237)	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	*
Pituitary gland and craniopharyngeal duct (237.0)	.0	.0	.0	.0	.0	*	*	*	*
Pineal gland (237.1)	*	*	*	*	*	*	*	*	*
Suprarenal gland (237.2)	*	*	*	*	*	*	*	*	*
Paraganglia (237.3)	*	*	*	*	*	*	*	*	*
Other and unspecified endocrine glands (237.4)	*	*	*	*	*	*	*	*	*
Brain and spinal cord (237.5)	.0	*	*	*	*	*	*	*	*
Meninges (237.6)	*	*	*	*	*	*	*	*	*
Neurofibromatosis (237.7)	.0	.0	.0	.0	.0	*	*	*	*
Other and unspecified parts of nervous system (237.9)	*	*	*	*	*	*	*	*	*
Neoplasms of uncertain behavior of other and unspecified sites and tissues (238)	.5	.5	.5	.5	.6	.2	0.3	.3	0.4
Bone and articular cartilage (238.0)	*	*	*	*	*	*	*	*	*
Connective and other soft tissue (238.1)	.0	*	*	*	*	*	*	*	*
Skin (238.2)	*	*	*	*	*	*	*	*	*
Breast (238.3)	*	*	*	*	*	*	*	*	*
Polycythemia vera (238.4)	.1	.1	.2	.1	.2	*	*	*	*
Histiocytic and mast cells (238.5)	*	*	*	*	*	*	*	*	*
Plasma cells (238.6)	.0	.0	.0	*	*	*	*	*	*
Other lymphatic and hematopoietic tissues (238.7)	.3	.3	.3	.4	.3	.1	.2	.2	.2
Other specified sites (238.8)	*	*	*	*	*	*	*	*	*
Site unspecified (238.9)	.0	.0	.0	.0	.0	*	*	*	*
Neoplasms of unspecified nature (239)	1.5	1.4	1.5	1.5	1.6	1.0	1.2	1.2	1.3
Neoplasms of unspecified nature (239)	1.5	1.4	1.5	1.5	1.6	1.0	1.2	1.2	1.3
Digestive system (239.0)	.1	.1	.2	.1	.2	*	.2	*	.2
Respiratory system (239.1)	.2	.2	.1	.2	.1	.1	*	.2	*
Bone, soft tissue, and skin (239.2)	.0	*	*	*	*	*	*	*	*
Breast (239.3)	*	*	*	*	*	*	*	*	*
Bladder (239.4)	.0	*	*	*	*	*	*	*	*
Other genitourinary organs (239.5)	.0	.0	.0	.0	.0	*	*	*	*
Brain (239.6)	.9	.9	1.0	1.0	1.1	.6	.6	.7	.7
Endocrine glands, and other parts of nervous system (239.7)	.1	.1	.1	.1	.1	*	.1	*	.1
Other specified sites (239.8)	.1	.1	.1	.1	.1	*	*	*	*
Site unspecified (239.9)	.0	.0	.0	.0	.0	*	*	*	*
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)									
Disorders of thyroid gland (240-246)	.4	.2	.6	.2	.6	.2	.4	.3	.5
Simple and unspecified goiter (240)	.0	*	.0	*	*	*	*	*	*
Goiter, specified as simple (240.0)	*	*	*	*	*	*	*	*	*
Goiter, unspecified (240.9)	.0	*	*	*	*	*	*	*	*
Nontoxic nodular goiter (241)	*	*	*	*	*	*	*	*	*
Nontoxic uninodular goiter (241.0)	*	*	*	*	*	*	*	*	*
Nontoxic multinodular goiter (241.1)	*	*	*	*	*	*	*	*	*
Unspecified (241.9)	*	*	*	*	*	*	*	*	*
Thyrotoxicosis with or without goiter (242)	.1	.0	.1	.0	.1	*	*	*	*
Toxic diffuse goiter (242.0)	.0	*	*	*	*	*	*	*	*
Toxic uninodular goiter (242.1)	*	*	*	*	*	*	*	*	*
Toxic multinodular goiter (242.2)	*	*	*	*	*	*	*	*	*
Toxic nodular goiter, unspecified (242.3)	*	*	*	*	*	*	*	*	*
Thyrotoxicosis from ectopic thyroid nodule (242.4)	*	*	*	*	*	*	*	*	*
Thyrotoxicosis of other specified origin (242.8)	*	*	*	*	*	*	*	*	*
Thyrotoxicosis without mention of goiter or other cause (242.9)	.0	.0	.1	.0	.1	*	*	*	*
Congenital hypothyroidism (243)	*	*	*	*	*	*	*	*	*
Acquired hypothyroidism (244)	.3	.1	.4	.1	.5	.2	.2	.2	.3
Other postablative hypothyroidism (244.1)	*	*	*	*	*	*	*	*	*
Iodine hypothyroidism (244.2)	*	*	*	*	*	*	*	*	*
Other iatrogenic hypothyroidism (244.3)	*	*	*	*	*	*	*	*	*
Other (244.8)	*	*	*	*	*	*	*	*	*
Unspecified hypothyroidism (244.9)	.3	.1	.4	.1	.5	.2	.2	.2	.3
Thyroiditis (245)	*	*	*	*	*	*	*	*	*
Acute thyroiditis (245.0)	*	*	*	*	*	*	*	*	*
Subacute thyroiditis (245.1)	*	*	*	*	*	*	*	*	*
Chronic lymphocytic thyroiditis (245.2)	*	*	*	*	*	*	*	*	*
Chronic fibrous thyroiditis (245.3)	*	*	*	*	*	*	*	*	*
Iatrogenic thyroiditis (245.4)	*	*	*	*	*	*	*	*	*
Other and unspecified chronic thyroiditis (245.8)	*	*	*	*	*	*	*	*	*
Unspecified (245.9)	*	*	*	*	*	*	*	*	*
Other disorders of thyroid (246)	.0	*	*	*	*	*	*	*	*
Disorders of thyrocalcitonin secretion (246.0)	*	*	*	*	*	*	*	*	*
Dyshormonogenic goiter (246.1)	*	*	*	*	*	*	*	*	*
Cyst of thyroid (246.2)	*	*	*	*	*	*	*	*	*
Hemorrhage and infarction of thyroid (246.3)	*	*	*	*	*	*	*	*	*
Other (246.8)	*	*	*	*	*	*	*	*	*
Unspecified (246.9)	*	*	*	*	*	*	*	*	*
Diseases of other endocrine glands (250-259)	19.5	17.0	21.9	16.7	20.9	18.5	26.8	21.7	32.0
Diabetes mellitus (250)	19.2	16.7	21.5	16.5	20.5	18.1	26.4	21.1	31.5
Diabetes mellitus without mention of complication (250.0)	14.4	12.4	16.2	12.5	15.8	12.3	18.3	14.4	21.9
Diabetes with ketoacidosis (250.1)	.7	.6	.7	.5	.7	1.1	1.1	1.4	1.4
Diabetes with coma (250.2)	.5	.3	.6	.3	.5	.6	.9	.7	1.1
Diabetes with renal manifestations (250.3)	1.6	1.5	1.8	1.4	1.5	2.1	3.1	2.3	3.5
Diabetes with ophthalmic manifestations (250.4)	.0	.0	.0	.0	.0	*	*	*	*
Diabetes with neurological manifestations (250.5)	.1	.1	.1	.1	.1	*	.1	*	.1
Diabetes with peripheral circulatory disorders (250.6)	1.4	1.3	1.5	1.3	1.4	1.3	1.8	1.6	2.2

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Diabetes mellitus-Con.									
Diabetes with other specified manifestations (250.7)	1,007	366	641	276	433	90	208	84	192
Diabetes with unspecified complications (250.9)	137	74	63	57	49	17	14	13	10
Other disorders of pancreatic internal secretion (251)	203	95	108	54	69	41	39	39	36
Hypoglycemic coma (251.0)	30	14	16	10	10	4	6	4	6
Other hyperinsulinism (251.1)	5	2	3	2	2	–	1	–	1
Hypoglycemia, unspecified (251.2)	147	68	79	35	51	33	28	31	25
Abnormality of secretion of glucagon (251.4)	–	–	–	–	–	–	–	–	–
Abnormality of secretion of gastrin (251.5)	19	11	8	7	5	4	3	4	3
Other (251.8)	2	–	2	–	1	–	1	–	1
Unspecified (251.9)	–	–	–	–	–	–	–	–	–
Disorders of parathyroid gland (252)	94	22	72	15	59	7	13	3	12
Hyperparathyroidism (252.0)	79	20	59	14	49	6	10	3	9
Hypoparathyroidism (252.1)	10	1	9	–	7	1	2	–	2
Other (252.8)	–	–	–	–	–	–	–	–	–
Unspecified (252.9)	5	1	4	1	3	–	1	–	1
Disorders of the pituitary gland and its hypothalamic control (253)	202	89	113	71	97	18	16	16	14
Acromegaly and gigantism (253.0)	15	8	7	7	6	1	1	1	1
Other anterior pituitary hyperfunction (253.1)	1	–	1	–	1	–	–	–	–
Panhypopituitarism (253.2)	55	24	31	20	22	4	9	3	7
Pituitary dwarfism (253.3)	–	–	–	–	–	–	–	–	–
Other anterior pituitary disorders (253.4)	1	–	1	–	–	–	1	–	1
Diabetes insipidus (253.5)	31	18	13	13	9	5	4	5	4
Other disorders of neurohypophysis (253.6)	86	34	52	26	52	8	–	7	–
Iatrogenic pituitary disorders (253.7)	2	2	–	2	–	–	–	–	–
Other disorders of the pituitary and other syndromes of diencephalohypophyseal origin (253.8)	3	1	2	1	2	–	–	–	–
Unspecified (253.9)	8	2	6	2	5	–	1	–	1
Diseases of thymus gland (254)	7	4	3	2	2	2	1	1	–
Persistent hyperplasia of thymus (254.0)	–	–	–	–	–	–	–	–	–
Abscess of thymus (254.1)	–	–	–	–	–	–	–	–	–
Other (254.8)	6	3	3	2	2	1	1	–	–
Unspecified (254.9)	1	1	–	–	–	1	–	1	–
Disorders of adrenal glands (255)	220	92	128	75	113	17	15	13	13
Cushing's syndrome (255.0)	41	17	24	13	21	4	3	3	2
Hyperaldosteronism (255.1)	6	2	4	2	2	–	2	–	2
Adrenogenital disorders (255.2)	8	5	3	3	3	2	–	2	–
Other corticoadrenal overactivity (255.3)	5	2	3	2	3	–	–	–	–
Corticoadrenal insufficiency (255.4)	146	62	84	52	75	10	9	7	8
Other adrenal hypofunction (255.5)	–	–	–	–	–	–	–	–	–
Medulloadrenal hyperfunction (255.6)	1	–	1	–	1	–	–	–	–
Other (255.8)	3	1	2	1	2	–	–	–	–
Unspecified (255.9)	10	3	7	2	6	1	1	1	1
Ovarian dysfunction (256)	1	...	1	...	1	...	–	...	–
Hyperestrogenism (256.0)	–	...	–	...	–	...	–	...	–
Other ovarian hyperfunction (256.1)	–	...	–	...	–	...	–	...	–
Postablative ovarian failure (256.2)	–	...	–	...	–	...	–	...	–
Other ovarian failure (256.3)	–	...	–	...	–	...	–	...	–
Polycystic ovaries (256.4)	1	...	1	...	1	...	–	...	–
Other (256.8)	–	...	–	...	–	...	–	...	–
Unspecified (256.9)	–	...	–	...	–	...	–	...	–
Testicular dysfunction (257)	1	1	...	1	...	–	...	–	...
Testicular hyperfunction (257.0)	–	–	...	–	...	–	...	–	...
Postablative testicular hypofunction (257.1)	–	–	...	–	...	–	...	–	...
Other testicular hypofunction (257.2)	1	1	...	1	...	–	...	–	...
Other (257.8)	–	–	...	–	...	–	...	–	...
Unspecified (257.9)	–	–	...	–	...	–	...	–	...
Polyglandular dysfunction and related disorders (258)	2	1	1	1	1	–	–	–	–
Polyglandular activity in multiple endocrine adenomatosis (258.0)	–	–	–	–	–	–	–	–	–
Other combinations of endocrine dysfunction (258.1)	1	–	1	–	1	–	–	–	–
Other (258.8)	–	–	–	–	–	–	–	–	–
Polyglandular dysfunction, unspecified (258.9)	1	1	–	1	–	–	–	–	–
Other endocrine disorders (259)	86	44	42	36	36	8	6	8	6
Delay in sexual development and puberty, not elsewhere classified (259.0)	–	–	–	–	–	–	–	–	–
Precocious sexual development and puberty, not elsewhere classified (259.1)	–	–	–	–	–	–	–	–	–
Carcinoid syndrome (259.2)	24	8	16	7	16	1	–	1	–
Ectopic hormone secretion, not elsewhere classified (259.3)	–	–	–	–	–	–	–	–	–
Dwarfism, not elsewhere classified (259.4)	59	35	24	28	18	7	6	7	6
Other (259.8)	1	1	–	1	–	–	–	–	–
Unspecified (259.9)	2	–	2	–	2	–	–	–	–
Nutritional deficiencies (260-269)	3,017	1,108	1,909	903	1,643	205	266	189	244
Kwashiorkor (260)	72	27	45	19	38	8	7	8	7
Nutritional marasmus (261)	251	107	144	85	120	22	24	22	22
Other severe protein-calorie malnutrition (262)	24	7	17	7	10	–	7	–	7
Other and unspecified protein-calorie malnutrition (263)	2,521	911	1,610	744	1,389	167	221	152	202
Malnutrition of moderate degree (263.0)	2	1	1	1	1	–	–	–	–
Malnutrition of mild degree (263.1)	1	–	1	–	1	–	–	–	–
Arrested development following protein-calorie malnutrition (263.2)	2	–	2	–	2	–	–	–	–
Other protein-calorie malnutrition (263.8)	–	–	–	–	–	–	–	–	–
Unspecified (263.9)	2,516	910	1,606	743	1,385	167	221	152	202
Vitamin A deficiency (264)	3	1	2	1	2	–	–	–	–
With conjunctival xerosis (264.0)	–	–	–	–	–	–	–	–	–
With Bitot's spot and conjunctival xerosis (264.1)	–	–	–	–	–	–	–	–	–
With corneal xerosis (264.2)	–	–	–	–	–	–	–	–	–

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Diabetes mellitus-Con.									
Diabetes with other specified manifestations (250.7)	0.4	0.3	0.5	0.3	0.4	0.5	1.0	0.6	1.2
Diabetes with unspecified complications (250.9)	.1	.1	.0	.1	.0	*	*	*	*
Other disorders of pancreatic internal secretion (251)	.1	.1	.1	.1	.1	.2	.2	.3	.2
Hypoglycemic coma (251.0)	.0	*	*	*	*	*	*	*	*
Other hyperinsulinism (251.1)	*	*	*	*	*	*	*	*	*
Hypoglycemia, unspecified (251.2)	.1	.1	.1	.0	.0	.2	.1	.2	.2
Abnormality of secretion of glucagon (251.4)	*	*	*	*	*	*	*	*	*
Abnormality of secretion of gastrin (251.5)	*	*	*	*	*	*	*	*	*
Other (251.8)	*	*	*	*	*	*	*	*	*
Unspecified (251.9)	*	*	*	*	*	*	*	*	*
Disorders of parathyroid gland (252)	.0	.0	.1	*	.1	*	*	*	*
Hyperparathyroidism (252.0)	.0	.0	.0	*	.0	*	*	*	*
Hypoparathyroidism (252.1)	*	*	*	*	*	*	*	*	*
Other (252.8)	*	*	*	*	*	*	*	*	*
Unspecified (252.9)	*	*	*	*	*	*	*	*	*
Disorders of the pituitary gland and its hypothalamic control (253)	.1	.1	.1	.1	.1	*	*	*	*
Acromegaly and gigantism (253.0)	*	*	*	*	*	*	*	*	*
Other anterior pituitary hyperfunction (253.1)	*	*	*	*	*	*	*	*	*
Panhypopituitarism (253.2)	.0	.0	.0	.0	.0	*	*	*	*
Pituitary dwarfism (253.3)	*	*	*	*	*	*	*	*	*
Other anterior pituitary disorders (253.4)	*	*	*	*	*	*	*	*	*
Diabetes insipidus (253.5)	.0	*	*	*	*	*	*	*	*
Other disorders of neurohypophysis (253.6)	.0	.0	.0	.0	.0	*	*	*	*
Iatrogenic pituitary disorders (253.7)	*	*	*	*	*	*	*	*	*
Other disorders of the pituitary and other syndromes of diencephalohypophyseal origin (253.8)	*	*	*	*	*	*	*	*	*
Unspecified (253.9)	*	*	*	*	*	*	*	*	*
Diseases of thymus gland (254)	*	*	*	*	*	*	*	*	*
Persistent hyperplasia of thymus (254.0)	*	*	*	*	*	*	*	*	*
Abscess of thymus (254.1)	*	*	*	*	*	*	*	*	*
Other (254.8)	*	*	*	*	*	*	*	*	*
Unspecified (254.9)	*	*	*	*	*	*	*	*	*
Disorders of adrenal glands (255)	.1	.1	.1	.1	.1	*	*	*	*
Cushing's syndrome (255.0)	.0	*	.0	*	.0	*	*	*	*
Hyperaldosteronism (255.1)	*	*	*	*	*	*	*	*	*
Adrenogental disorders (255.2)	*	*	*	*	*	*	*	*	*
Other corticoadrenal overactivity (255.3)	*	*	*	*	*	*	*	*	*
Corticoadrenal insufficiency (255.4)	.1	.1	.1	.1	.1	*	*	*	*
Other adrenal hypofunction (255.5)	*	*	*	*	*	*	*	*	*
Medulloadrenal hyperfunction (255.6)	*	*	*	*	*	*	*	*	*
Other (255.8)	*	*	*	*	*	*	*	*	*
Unspecified (255.9)	*	*	*	*	*	*	*	*	*
Ovarian dysfunction (256)	*	...	*	...	*	...	*	...	*
Hyperestrogenism (256.0)	*	...	*	...	*	...	*	...	*
Other ovarian hyperfunction (256.1)	*	...	*	...	*	...	*	...	*
Postablative ovarian failure (256.2)	*	...	*	...	*	...	*	...	*
Other ovarian failure (256.3)	*	...	*	...	*	...	*	...	*
Polycystic ovaries (256.4)	*	...	*	...	*	...	*	...	*
Other (256.8)	*	...	*	...	*	...	*	...	*
Unspecified (256.9)	*	...	*	...	*	...	*	...	*
Testicular dysfunction (257)	*	*	...	*	...	*	...	*	...
Testicular hyperfunction (257.0)	*	*	...	*	...	*	...	*	...
Postablative testicular hypofunction (257.1)	*	*	...	*	...	*	...	*	...
Other testicular hypofunction (257.2)	*	*	...	*	...	*	...	*	...
Other (257.8)	*	*	...	*	...	*	...	*	...
Unspecified (257.9)	*	*	...	*	...	*	...	*	...
Polyglandular dysfunction and related disorders (258)	*	*	*	*	*	*	*	*	*
Polyglandular activity in multiple endocrine adenomatosis (258.0)	*	*	*	*	*	*	*	*	*
Other combinations of endocrine dysfunction (258.1)	*	*	*	*	*	*	*	*	*
Other (258.8)	*	*	*	*	*	*	*	*	*
Polyglandular dysfunction, unspecified (258.9)	*	*	*	*	*	*	*	*	*
Other endocrine disorders (259)	.0	.0	.0	.0	.0	*	*	*	*
Delay in sexual development and puberty, not elsewhere classified (259.0)	*	*	*	*	*	*	*	*	*
Precocious sexual development and puberty, not elsewhere classified (259.1)	*	*	*	*	*	*	*	*	*
Carcinoid syndrome (259.2)	.0	*	*	*	*	*	*	*	*
Ectopic hormone secretion, not elsewhere classified (259.3)	*	*	*	*	*	*	*	*	*
Dwarfism, not elsewhere classified (259.4)	.0	.0	.0	.0	*	*	*	*	*
Other (259.8)	*	*	*	*	*	*	*	*	*
Unspecified (259.9)	*	*	*	*	*	*	*	*	*
Nutritional deficiencies (260-269)	1.2	.9	1.5	.9	1.5	1.1	1.3	1.3	1.5
Kwashiorkor (260)	.0	.0	.0	*	.0	*	*	*	*
Nutritional marasmus (261)	.1	.1	.1	.1	.1	.1	.1	.2	.1
Other severe protein-calorie malnutrition (262)	.0	*	*	*	*	*	*	*	*
Other and unspecified protein-calorie malnutrition (263)	1.0	.8	1.3	.7	1.3	.9	1.1	1.1	1.3
Malnutrition of moderate degree (263.0)	*	*	*	*	*	*	*	*	*
Malnutrition of mild degree (263.1)	*	*	*	*	*	*	*	*	*
Arrested development following protein-calorie malnutrition (263.2)	*	*	*	*	*	*	*	*	*
Other protein-calorie malnutrition (263.8)	*	*	*	*	*	*	*	*	*
Unspecified (263.9)	1.0	.8	1.3	.7	1.3	.9	1.1	1.1	1.3
Vitamin A deficiency (264)	*	*	*	*	*	*	*	*	*
With conjunctival xerosis (264.0)	*	*	*	*	*	*	*	*	*
With Bitot's spot and conjunctival xerosis (264.1)	*	*	*	*	*	*	*	*	*
With corneal xerosis (264.2)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Vitamin A deficiency-Con.									
With corneal ulceration and xerosis (264.3)	-	-	-	-	-	-	-	-	-
With keratomalacia (264.4)	-	-	-	-	-	-	-	-	-
With night blindness (264.5)	-	-	-	-	-	-	-	-	-
With xerophthalmic scars of cornea (264.6)	-	-	-	-	-	-	-	-	-
Other ocular manifestations of vitamin A deficiency (264.7)	-	-	-	-	-	-	-	-	-
Other manifestations of vitamin A deficiency (264.8)	-	-	-	-	-	-	-	-	-
Unspecified (264.9)	3	1	2	1	2	-	-	-	-
Thiamine and niacin deficiency states (265)	16	12	4	9	3	3	1	3	1
Beriberi (265.0)	2	2	-	2	-	-	-	-	-
Other and unspecified manifestations of thiamine deficiency (265.1)	12	9	3	7	2	2	1	2	1
Pellagra (265.2)	2	1	1	-	1	1	-	1	-
Deficiency of B-complex components (266)	13	4	9	4	7	-	2	-	1
Ariboflavinosis (266.0)	-	-	-	-	-	-	-	-	-
Vitamin B6 deficiency (266.1)	-	-	-	-	-	-	-	-	-
Other B-complex deficiencies (266.2)	13	4	9	4	7	-	2	-	1
Unspecified vitamin B deficiency (266.9)	-	-	-	-	-	-	-	-	-
Ascorbic acid deficiency (267)	1	-	1	-	1	-	-	-	-
Vitamin D deficiency (268)	6	2	4	2	4	-	-	-	-
Rickets, active (268.0)	-	-	-	-	-	-	-	-	-
Rickets, late effect (268.1)	1	1	-	1	-	-	-	-	-
Osteomalacia (268.2)	5	1	4	1	4	-	-	-	-
Unspecified (268.9)	-	-	-	-	-	-	-	-	-
Other nutritional deficiencies (269)	110	37	73	32	69	5	4	4	4
Deficiency of vitamin K (269.0)	1	-	1	-	1	-	-	-	-
Deficiency of other vitamins (269.1)	-	-	-	-	-	-	-	-	-
Unspecified vitamin deficiency (269.2)	-	-	-	-	-	-	-	-	-
Mineral deficiency, not elsewhere classified (269.3)	1	1	-	-	-	1	-	1	-
Other nutritional deficiency (269.8)	3	1	2	1	2	-	-	-	-
Unspecified (269.9)	105	35	70	31	66	4	4	3	4
Other metabolic disorders and immunity disorders (270-279)	11,126	5,157	5,969	4,242	4,976	915	993	847	938
Disorders of amino-acid transport and metabolism (270)	87	54	33	44	26	10	7	9	5
Disturbances of amino-acid transport (270.0)	4	2	2	2	2	-	-	-	-
Phenylketonuria (270.1)	-	-	-	-	-	-	-	-	-
Other disturbances of aromatic amino-acid metabolism (270.2)	10	7	3	7	2	-	1	-	1
Disturbances of branched-chain amino-acid metabolism (270.3)	3	1	2	1	2	-	-	-	-
Disturbances of sulphur-bearing amino-acid metabolism (270.4)	2	2	-	1	-	1	-	1	-
Disturbances of histidine metabolism (270.5)	-	-	-	-	-	-	-	-	-
Disorders of urea cycle metabolism (270.6)	54	33	21	28	16	5	5	4	3
Other disturbances of straight-chain amino-acid metabolism (270.7)	11	7	4	3	3	4	1	4	1
Other (270.8)	1	1	-	1	-	-	-	-	-
Unspecified (270.9)	2	1	1	1	1	-	-	-	-
Disorders of carbohydrate transport and metabolism (271)	56	30	26	22	19	8	7	7	7
Glycogenosis (271.0)	27	16	11	12	7	4	4	4	4
Galactosemia (271.1)	3	2	1	1	1	1	-	1	-
Hereditary fructose intolerance (271.2)	1	1	-	1	-	-	-	-	-
Intestinal disaccharidase deficiencies and disaccharide malabsorption (271.3)	11	3	8	2	5	1	3	1	3
Renal glycosuria (271.4)	5	1	4	1	4	-	-	-	-
Other (271.8)	9	7	2	5	2	2	-	1	-
Unspecified (271.9)	-	-	-	-	-	-	-	-	-
Disorders of lipoid metabolism (272)	1,458	743	715	696	645	47	70	35	68
Pure hypercholesterolemia (272.0)	618	301	317	282	279	19	38	13	36
Pure hyperglyceridemia (272.1)	24	20	4	19	1	1	3	1	3
Mixed hyperlipidemia (272.2)	12	3	9	3	7	-	2	-	2
Hyperchylomicronemia (272.3)	-	-	-	-	-	-	-	-	-
Other and unspecified hyperlipidemia (272.4)	710	360	350	339	328	21	22	17	22
Lipoprotein deficiencies (272.5)	3	3	-	3	-	-	-	-	-
Lipodystrophy (272.6)	1	1	-	-	-	1	-	1	-
Lipidoses (272.7)	71	42	29	38	24	4	5	2	5
Other disorders of lipoid metabolism (272.8)	8	4	4	4	4	-	-	-	-
Unspecified disorders of lipoid metabolism (272.9)	11	9	2	8	2	1	-	1	-
Disorders of plasma protein metabolism (273)	500	232	268	212	238	20	30	19	28
Polyclonal hypergammaglobulinemia (273.0)	2	1	1	1	1	-	-	-	-
Monoclonal paraproteinemia (273.1)	30	12	18	10	16	2	2	2	2
Other paraproteinemias (273.2)	51	27	24	24	19	3	5	3	5
Macroglobulinemia (273.3)	263	142	121	135	114	7	7	6	6
Other (273.8)	146	46	100	38	86	8	14	8	13
Unspecified (273.9)	8	4	4	4	2	-	2	-	2
Gout (274)	85	59	26	39	13	20	13	19	11
Gouty arthropathy (274.0)	24	14	10	3	6	11	4	10	3
Gouty nephropathy (274.1)	9	4	5	3	3	1	2	1	2
Gout with other manifestations (274.8)	2	2	-	2	-	-	-	-	-
Unspecified (274.9)	50	39	11	31	4	8	7	8	6
Disorders of mineral metabolism (275)	338	200	138	165	115	35	23	32	18
Disorders of iron metabolism (275.0)	187	120	67	108	56	14	11	12	7
Disorders of copper metabolism (275.1)	14	7	7	5	6	2	1	1	1
Disorders of magnesium metabolism (275.2)	8	2	6	1	2	1	4	1	4
Disorders of phosphorus metabolism (275.3)	12	7	5	7	4	-	1	-	-
Disorders of calcium metabolism (275.4)	115	63	52	45	46	18	6	18	6
Other (275.8)	-	-	-	-	-	-	-	-	-
Unspecified (275.9)	2	1	1	1	1	-	-	-	-
Disorders of fluid, electrolyte, and acid-base balance (276)	4,813	1,860	2,953	1,445	2,481	415	472	387	449
Hyperosmolality and/or hypernatremia (276.0)	232	91	141	73	114	18	27	17	27
Hyposmolality and/or hyponatremia (276.1)	235	66	169	57	154	9	15	9	15

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Vitamin A deficiency-Con.									
With corneal ulceration and xerosis (264.3)	*	*	*	*	*	*	*	*	*
With keratomalacia (264.4)	*	*	*	*	*	*	*	*	*
With night blindness (264.5)	*	*	*	*	*	*	*	*	*
With xerophthalmic scars of cornea (264.6)	*	*	*	*	*	*	*	*	*
Other ocular manifestations of vitamin A deficiency (264.7)	*	*	*	*	*	*	*	*	*
Other manifestations of vitamin A deficiency (264.8)	*	*	*	*	*	*	*	*	*
Unspecified (264.9)	*	*	*	*	*	*	*	*	*
Thiamine and niacin deficiency states (265)	*	*	*	*	*	*	*	*	*
Beriberi (265.0)	*	*	*	*	*	*	*	*	*
Other and unspecified manifestations of thiamine deficiency (265.1)	*	*	*	*	*	*	*	*	*
Pellagra (265.2)	*	*	*	*	*	*	*	*	*
Deficiency of B-complex components (266)	*	*	*	*	*	*	*	*	*
Ariboflavinosis (266.0)	*	*	*	*	*	*	*	*	*
Vitamin B6 deficiency (266.1)	*	*	*	*	*	*	*	*	*
Other B-complex deficiencies (266.2)	*	*	*	*	*	*	*	*	*
Unspecified vitamin B deficiency (266.9)	*	*	*	*	*	*	*	*	*
Ascorbic acid deficiency (267)	*	*	*	*	*	*	*	*	*
Vitamin D deficiency (268)	*	*	*	*	*	*	*	*	*
Rickets, active (268.0)	*	*	*	*	*	*	*	*	*
Rickets, late effect (268.1)	*	*	*	*	*	*	*	*	*
Osteomalacia (268.2)	*	*	*	*	*	*	*	*	*
Unspecified (268.9)	*	*	*	*	*	*	*	*	*
Other nutritional deficiencies (269)	0.0	0.0	0.1	0.0	0.1	*	*	*	*
Deficiency of vitamin K (269.0)	*	*	*	*	*	*	*	*	*
Deficiency of other vitamins (269.1)	*	*	*	*	*	*	*	*	*
Unspecified vitamin deficiency (269.2)	*	*	*	*	*	*	*	*	*
Mineral deficiency, not elsewhere classified (269.3)	*	*	*	*	*	*	*	*	*
Other nutritional deficiency (269.8)	*	*	*	*	*	*	*	*	*
Unspecified (269.9)	.0	.0	.1	.0	.1	*	*	*	*
Other metabolic disorders and immunity disorders (270-279)	4.5	4.3	4.7	4.2	4.7	4.8	4.7	5.9	5.8
Disorders of amino-acid transport and metabolism (270)	.0	.0	.0	.0	.0	*	*	*	*
Disturbances of amino-acid transport (270.0)	*	*	*	*	*	*	*	*	*
Phenylketonuria (270.1)	*	*	*	*	*	*	*	*	*
Other disturbances of aromatic amino-acid metabolism (270.2)	*	*	*	*	*	*	*	*	*
Disturbances of branched-chain amino-acid metabolism (270.3)	*	*	*	*	*	*	*	*	*
Disturbances of sulphur-bearing amino-acid metabolism (270.4)	*	*	*	*	*	*	*	*	*
Disturbances of histidine metabolism (270.5)	*	*	*	*	*	*	*	*	*
Disorders of urea cycle metabolism (270.6)	.0	.0	.0	.0	*	*	*	*	*
Other disturbances of straight-chain amino-acid metabolism (270.7)	*	*	*	*	*	*	*	*	*
Other (270.8)	*	*	*	*	*	*	*	*	*
Unspecified (270.9)	*	*	*	*	*	*	*	*	*
Disorders of carbohydrate transport and metabolism (271)	.0	.0	.0	.0	*	*	*	*	*
Glycogenosis (271.0)	.0	*	*	*	*	*	*	*	*
Galactosemia (271.1)	*	*	*	*	*	*	*	*	*
Hereditary fructose intolerance (271.2)	*	*	*	*	*	*	*	*	*
Intestinal disaccharidase deficiencies and disaccharide malabsorption (271.3)	*	*	*	*	*	*	*	*	*
Renal glycosuria (271.4)	*	*	*	*	*	*	*	*	*
Other (271.8)	*	*	*	*	*	*	*	*	*
Unspecified (271.9)	*	*	*	*	*	*	*	*	*
Disorders of lipoid metabolism (272)	.6	.6	.6	.7	.6	.2	.3	.2	.4
Pure hypercholesterolemia (272.0)	.2	.2	.2	.3	.3	*	.2	*	.2
Pure hyperglyceridemia (272.1)	.0	.0	*	*	*	*	*	*	*
Mixed hyperlipidemia (272.2)	*	*	*	*	*	*	*	*	*
Hyperchylomicronemia (272.3)	*	*	*	*	*	*	*	*	*
Other and unspecified hyperlipidemia (272.4)	.3	.3	.3	.3	.3	.1	.1	*	.1
Lipoprotein deficiencies (272.5)	*	*	*	*	*	*	*	*	*
Lipodystrophy (272.6)	*	*	*	*	*	*	*	*	*
Lipidoses (272.7)	.0	.0	.0	.0	.0	*	*	*	*
Other disorders of lipoid metabolism (272.8)	*	*	*	*	*	*	*	*	*
Unspecified disorders of lipoid metabolism (272.9)	*	*	*	*	*	*	*	*	*
Disorders of plasma protein metabolism (273)	.2	.2	.2	.2	.2	.1	.1	*	.2
Polyclonal hypergammaglobulinemia (273.0)	*	*	*	*	*	*	*	*	*
Monoclonal paraproteinemia (273.1)	.0	*	*	*	*	*	*	*	*
Other paraproteinemias (273.2)	.0	.0	.0	.0	*	*	*	*	*
Macroglobulinemia (273.3)	.1	.1	.1	.1	.1	*	*	*	*
Other (273.8)	.1	.0	.1	.0	.1	*	*	*	*
Unspecified (273.9)	*	*	*	*	*	*	*	*	*
Gout (274)	.0	.0	.0	.0	*	.1	*	*	*
Gouty arthropathy (274.0)	.0	*	*	*	*	*	*	*	*
Gouty nephropathy (274.1)	*	*	*	*	*	*	*	*	*
Gout with other manifestations (274.8)	*	*	*	*	*	*	*	*	*
Unspecified (274.9)	.0	.0	*	.0	*	*	*	*	*
Disorders of mineral metabolism (275)	.1	.2	.1	.2	.1	.2	.1	.2	*
Disorders of iron metabolism (275.0)	.1	.1	.1	.1	.1	*	*	*	*
Disorders of copper metabolism (275.1)	*	*	*	*	*	*	*	*	*
Disorders of magnesium metabolism (275.2)	*	*	*	*	*	*	*	*	*
Disorders of phosphorus metabolism (275.3)	*	*	*	*	*	*	*	*	*
Disorders of calcium metabolism (275.4)	.0	.1	.0	.0	.0	*	*	*	*
Other (275.8)	*	*	*	*	*	*	*	*	*
Unspecified (275.9)	*	*	*	*	*	*	*	*	*
Disorders of fluid, electrolyte, and acid-base balance (276)	1.9	1.5	2.3	1.4	2.3	2.2	2.3	2.7	2.8
Hyperosmolality and/or hypernatremia (276.0)	.1	.1	.1	.1	.1	*	.1	*	.2
Hyposmolality and/or hyponatremia (276.1)	.1	.1	.1	.1	.1	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Disorders of fluid, electrolyte, and acid-base balance-Con.									
Acidosis (276.2)	719	342	377	253	273	89	104	79	102
Alkalosis (276.3)	6	2	4	1	3	1	1	1	1
Mixed acid-base balance disorder (276.4)	1	1	-	1	-	-	-	-	-
Volume depletion (276.5)	2,876	1,064	1,812	842	1,565	222	247	212	227
Fluid overload (276.6)	42	13	29	11	24	2	5	2	5
Hyperpotassemia (276.7)	232	109	123	70	91	39	32	35	32
Hypopotassemia (276.8)	106	36	70	27	60	9	10	9	10
Electrolyte and fluid disorders, not elsewhere classified (276.9)	364	136	228	110	197	26	31	23	30
Other and unspecified disorders of metabolism (277)	1,575	797	778	711	686	86	92	78	82
Cystic fibrosis (277.0)	414	189	225	182	215	7	10	6	7
Disorders of porphyrin metabolism (277.1)	11	4	7	4	7	-	-	-	-
Other disorders of purine and pyrimidine metabolism (277.2)	1	1	-	1	-	-	-	-	-
Amyloidosis (277.3)	634	343	291	288	243	55	48	52	44
Disorders of bilirubin excretion (277.4)	2	-	2	-	1	-	1	-	-
Mucopolysaccharidosis (277.5)	69	44	25	41	25	3	-	2	-
Other deficiencies of circulating enzymes (277.6)	145	82	63	82	60	-	3	-	2
Other (277.8)	38	21	17	19	16	2	1	1	1
Unspecified (277.9)	261	113	148	94	119	19	29	17	28
Obesity and other hyperalimentation (278)	1,411	613	798	503	579	110	219	106	214
Obesity (278.0)	1,285	552	733	455	530	97	203	93	198
Localized adiposity (278.1)	-	-	-	-	-	-	-	-	-
Hypervitaminosis A (278.2)	-	-	-	-	-	-	-	-	-
Hypercarotinemia (278.3)	-	-	-	-	-	-	-	-	-
Hypervitaminosis D (278.4)	-	-	-	-	-	-	-	-	-
Other (278.8)	126	61	65	48	49	13	16	13	16
Disorders involving the immune mechanism (279)	803	569	234	405	174	164	60	155	56
Deficiency of humoral immunity (279.0)	16	10	6	10	6	-	-	-	-
Deficiency of cell-mediated immunity (279.1)	14	9	5	6	4	3	1	2	1
Combined immunity deficiency (279.2)	23	10	13	6	11	4	2	2	1
Unspecified immunity deficiency (279.3)	543	392	151	286	111	106	40	102	37
Autoimmune disease, not elsewhere classified (279.4)	190	142	48	92	34	50	14	49	14
Other (279.8)	8	3	5	3	3	-	2	-	2
Unspecified (279.9)	9	3	6	2	5	1	1	-	1
IV. Diseases of the blood and blood-forming organs (280-289)									
Diseases of the blood and blood-forming organs (280-289)	9,027	4,454	4,573	3,606	3,827	848	746	767	687
Iron deficiency anemias (280)	102	28	74	23	62	5	12	4	12
Other deficiency anemias (281)	175	74	101	58	93	16	8	16	7
Pernicious anemia (281.0)	95	36	59	29	56	7	3	7	2
Other vitamin-B12-deficiency anemia (281.1)	-	-	-	-	-	-	-	-	-
Folate-deficiency anemia (281.2)	14	6	8	5	8	1	-	1	-
Other specified megaloblastic anemias, not elsewhere classified (281.3)	2	2	-	2	-	-	-	-	-
Protein-deficiency anemia (281.4)	-	-	-	-	-	-	-	-	-
Anemia associated with other specified nutritional deficiency (281.8)	6	2	4	1	3	1	1	1	1
Unspecified (281.9)	58	28	30	21	26	7	4	7	4
Hereditary hemolytic anemias (282)	654	329	325	83	114	246	211	239	204
Hereditary spherocytosis (282.0)	2	1	1	1	1	-	-	-	-
Hereditary elliptocytosis (282.1)	-	-	-	-	-	-	-	-	-
Anemia due to disorders of glutathione metabolism (282.2)	4	2	2	1	2	1	-	1	-
Other hemolytic anemias due to enzyme deficiency (282.3)	14	13	1	10	1	3	-	2	-
Thalassemias (282.4)	39	21	18	6	9	15	9	10	5
Sickle-cell trait (282.5)	6	6	-	-	-	6	-	6	-
Sickle-cell anemia (282.6)	399	211	188	2	2	209	186	209	186
Other hemoglobinopathies (282.7)	4	1	3	-	1	1	2	-	2
Other (282.8)	1	-	1	-	1	-	-	-	-
Unspecified (282.9)	185	74	111	63	97	11	14	11	11
Acquired hemolytic anemias (283)	163	59	104	50	90	9	14	7	13
Autoimmune hemolytic anemias (283.0)	82	28	54	26	47	2	7	2	7
Non-autoimmune hemolytic anemias (283.1)	51	16	35	11	31	5	4	3	4
Hemoglobinuria due to hemolysis from external causes (283.2)	16	10	6	8	5	2	1	2	1
Unspecified (283.9)	14	5	9	5	7	-	2	-	1
Aplastic anemia (284)	1,294	607	687	521	623	86	64	71	47
Constitutional aplastic anemia (284.0)	28	14	14	11	12	3	2	3	1
Other (284.8)	427	209	218	176	191	33	27	28	24
Unspecified (284.9)	839	384	455	334	420	50	35	40	22
Other and unspecified anemias (285)	1,704	673	1,031	539	880	134	151	123	144
Sideroblastic anemia (285.0)	159	82	77	76	72	6	5	5	5
Acute posthemorrhagic anemia (285.1)	10	6	4	4	4	2	-	2	-
Other specified anemias (285.8)	57	34	23	31	23	3	-	3	-
Anemia, unspecified (285.9)	1,478	551	927	428	781	123	146	113	139
Coagulation defects (286)	1,263	670	593	512	460	158	133	141	123
Congenital factor VIII disorder (286.0)	84	71	13	59	12	12	1	12	1
Congenital factor IX disorder (286.1)	6	6	-	6	-	-	-	-	-
Congenital factor XI deficiency (286.2)	1	-	1	-	1	-	-	-	-
Congenital deficiency of other clotting factors (286.3)	47	19	28	17	28	2	-	1	-
von Willebrand's disease (286.4)	11	5	6	5	6	-	-	-	-
Hemorrhagic disorder due to circulating anticoagulants (286.5)	4	-	4	-	3	-	1	-	1
Defibrination syndrome (286.6)	673	331	342	244	250	87	92	76	86
Acquired coagulation factor deficiency (286.7)	2	-	2	-	2	-	-	-	-
Other and unspecified coagulation defects (286.9)	435	238	197	181	158	57	39	52	35
Purpura and other hemorrhagic conditions (287)	776	377	399	325	343	52	56	44	52
Allergic purpura (287.0)	7	4	3	4	2	-	1	-	1
Qualitative platelet defects (287.1)	13	7	6	6	6	1	-	1	-
Other nonthrombocytopenic purpuras (287.2)	3	-	3	-	3	-	-	-	-
Primary thrombocytopenia (287.3)	280	131	149	114	130	17	19	14	18

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Disorders of fluid, electrolyte, and acid-base balance-Con.									
Acidosis (276.2)	0.3	0.3	0.3	0.2	0.3	0.5	0.5	0.5	0.6
Alkalosis (276.3)	*	*	*	*	*	*	*	*	*
Mixed acid-base balance disorder (276.4)	*	*	*	*	*	*	*	*	*
Volume depletion (276.5)	1.2	.9	1.4	.8	1.5	1.2	1.2	1.5	1.4
Fluid overload (276.6)	.0	*	.0	*	.0	*	*	*	*
Hyperpotassemia (276.7)	.1	.1	.1	.1	.1	.2	.2	.2	.2
Hypopotassemia (276.8)	.0	.0	.1	.0	.1	*	*	*	*
Electrolyte and fluid disorders, not elsewhere classified (276.9)	.1	.1	.2	.1	.2	.1	.1	.2	.2
Other and unspecified disorders of metabolism (277)	.6	.7	.6	.7	.6	.5	.4	.5	.5
Cystic fibrosis (277.0)	.2	.2	.2	.2	.2	*	*	*	*
Disorders of porphyrin metabolism (277.1)	*	*	*	*	*	*	*	*	*
Other disorders of purine and pyrimidine metabolism (277.2)	*	*	*	*	*	*	*	*	*
Amyloidosis (277.3)	.3	.3	.2	.3	.2	.3	.2	.4	.3
Disorders of bilirubin excretion (277.4)	*	*	*	*	*	*	*	*	*
Mucopolysaccharidosis (277.5)	.0	.0	.0	.0	.0	*	*	*	*
Other deficiencies of circulating enzymes (277.6)	.1	.1	.0	.1	.1	*	*	*	*
Other (277.8)	.0	.0	*	*	*	*	*	*	*
Unspecified (277.9)	.1	.1	.1	.1	.1	*	.1	*	.2
Obesity and other hyperalimentation (278)	.6	.5	.6	.5	.5	.6	1.0	.7	1.3
Obesity (278.0)	.5	.5	.6	.4	.5	.5	1.0	.6	1.2
Localized adiposity (278.1)	*	*	*	*	*	*	*	*	*
Hypervitaminosis A (278.2)	*	*	*	*	*	*	*	*	*
Hypercarotinemia (278.3)	*	*	*	*	*	*	*	*	*
Hypervitaminosis D (278.4)	*	*	*	*	*	*	*	*	*
Other (278.8)	.1	.1	.1	.0	.0	*	*	*	*
Disorders involving the immune mechanism (279)	.3	.5	.2	.4	.2	.9	.3	1.1	.3
Deficiency of humoral immunity (279.0)	*	*	*	*	*	*	*	*	*
Deficiency of cell-mediated immunity (279.1)	*	*	*	*	*	*	*	*	*
Combined immunity deficiency (279.2)	.0	*	*	*	*	*	*	*	*
Unspecified immunity deficiency (279.3)	.2	.3	.1	.3	.1	.6	.2	.7	.2
Autoimmune disease, not elsewhere classified (279.4)	.1	.1	.0	.1	.0	.3	*	.3	*
Other (279.8)	*	*	*	*	*	*	*	*	*
Unspecified (279.9)	*	*	*	*	*	*	*	*	*
IV. Diseases of the blood and blood-forming organs (280-289)									
Diseases of the blood and blood-forming organs (280-289)	3.6	3.7	3.6	3.5	3.6	4.4	3.6	5.3	4.3
Iron deficiency anemias (280)	.0	.0	.1	.0	.1	*	*	*	*
Other deficiency anemias (281)	.1	.1	.1	.1	.1	*	*	*	*
Pernicious anemia (281.0)	.0	.0	.0	.0	.1	*	*	*	*
Other vitamin-B12-deficiency anemia (281.1)	*	*	*	*	*	*	*	*	*
Folate-deficiency anemia (281.2)	*	*	*	*	*	*	*	*	*
Other specified megaloblastic anemias, not elsewhere classified (281.3)	*	*	*	*	*	*	*	*	*
Protein-deficiency anemia (281.4)	*	*	*	*	*	*	*	*	*
Anemia associated with other specified nutritional deficiency (281.8)	*	*	*	*	*	*	*	*	*
Unspecified (281.9)	.0	.0	.0	.0	.0	*	*	*	*
Hereditary hemolytic anemias (282)	.3	.3	.3	.1	.1	1.3	1.0	1.7	1.3
Hereditary spherocytosis (282.0)	*	*	*	*	*	*	*	*	*
Hereditary elliptocytosis (282.1)	*	*	*	*	*	*	*	*	*
Anemia due to disorders of glutathione metabolism (282.2)	*	*	*	*	*	*	*	*	*
Other hemolytic anemias due to enzyme deficiency (282.3)	*	*	*	*	*	*	*	*	*
Thalassemias (282.4)	.0	.0	*	*	*	*	*	*	*
Sickle-cell trait (282.5)	*	*	*	*	*	*	*	*	*
Sickle-cell anemia (282.6)	.2	.2	.1	*	*	1.1	.9	1.4	1.2
Other hemoglobinopathies (282.7)	*	*	*	*	*	*	*	*	*
Other (282.8)	*	*	*	*	*	*	*	*	*
Unspecified (282.9)	.1	.1	.1	.1	.1	*	*	*	*
Acquired hemolytic anemias (283)	.1	.0	.1	.0	.1	*	*	*	*
Autoimmune hemolytic anemias (283.0)	.0	.0	.0	.0	.0	*	*	*	*
Non-autoimmune hemolytic anemias (283.1)	.0	*	.0	*	.0	*	*	*	*
Hemoglobinuria due to hemolysis from external causes (283.2)	*	*	*	*	*	*	*	*	*
Unspecified (283.9)	*	*	*	*	*	*	*	*	*
Aplastic anemia (284)	.5	.5	.5	.5	.6	.5	.3	.5	.3
Constitutional aplastic anemia (284.0)	.0	*	*	*	*	*	*	*	*
Other (284.8)	.2	.2	.2	.2	.2	.2	.1	.2	.1
Unspecified (284.9)	.3	.3	.4	.3	.4	.3	.2	.3	.1
Other and unspecified anemias (285)	.7	.6	.8	.5	.8	.7	.7	.9	.9
Sideroblastic anemia (285.0)	.1	.1	.1	.1	.1	*	*	*	*
Acute posthemorrhagic anemia (285.1)	*	*	*	*	*	*	*	*	*
Other specified anemias (285.8)	.0	.0	.0	.0	.0	*	*	*	*
Anemia, unspecified (285.9)	.6	.5	.7	.4	.7	.6	.7	.8	.9
Coagulation defects (286)	.5	.6	.5	.5	.4	.8	.6	1.0	.8
Congenital factor VIII disorder (286.0)	.0	.1	*	.1	*	*	*	*	*
Congenital factor IX disorder (286.1)	*	*	*	*	*	*	*	*	*
Congenital factor XI deficiency (286.2)	*	*	*	*	*	*	*	*	*
Congenital deficiency of other clotting factors (286.3)	.0	*	.0	*	.0	*	*	*	*
von Willebrand's disease (286.4)	*	*	*	*	*	*	*	*	*
Hemorrhagic disorder due to circulating anticoagulants (286.5)	*	*	*	*	*	*	*	*	*
Defibrination syndrome (286.6)	.3	.3	.3	.2	.2	.5	.4	.5	.5
Acquired coagulation factor deficiency (286.7)	*	*	*	*	*	*	*	*	*
Other and unspecified coagulation defects (286.9)	.2	.2	.2	.2	.1	.3	.2	.4	.2
Purpura and other hemorrhagic conditions (287)	.3	.3	.3	.3	.3	.3	.3	.3	.3
Allergic purpura (287.0)	*	*	*	*	*	*	*	*	*
Qualitative platelet defects (287.1)	*	*	*	*	*	*	*	*	*
Other nonthrombocytopenic purpuras (287.2)	*	*	*	*	*	*	*	*	*
Primary thrombocytopenia (287.3)	.1	.1	.1	.1	.1	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Purpura and other hemorrhagic conditions-Con.									
Secondary thrombocytopenia (287.4)	11	8	3	7	3	1	-	1	-
Thrombocytopenia, unspecified (287.5)	423	206	217	180	189	26	28	23	26
Other specified hemorrhagic conditions (287.8)	-	-	-	-	-	-	-	-	-
Unspecified hemorrhagic conditions (287.9)	39	21	18	14	10	7	8	5	7
Diseases of white blood cells (288)	508	273	235	242	221	31	14	27	12
Agranulocytosis (288.0)	324	176	148	157	137	19	11	18	9
Functional disorders of neutrophil polymorphonuclears (288.1)	18	15	3	10	3	5	-	4	-
Genetic anomalies of leucocytes (288.2)	4	2	2	2	2	-	-	-	-
Eosinophilia (288.3)	39	17	22	14	20	3	2	2	2
Other (288.8)	122	62	60	58	59	4	1	3	1
Unspecified (288.9)	1	1	-	1	-	-	-	-	-
Other diseases of blood and blood-forming organs (289)	2,388	1,364	1,024	1,253	941	111	83	95	73
Secondary polycythemia (289.0)	10	7	3	6	3	1	-	1	-
Chronic lymphadenitis (289.1)	-	-	-	-	-	-	-	-	-
Nonspecific mesenteric lymphadenitis (289.2)	2	1	1	1	1	-	-	-	-
Lymphadenitis, unspecified, except mesenteric (289.3)	3	1	2	1	2	-	-	-	-
Hypersplenism (289.4)	25	8	17	8	15	-	2	-	2
Other diseases of spleen (289.5)	109	60	49	51	43	9	6	8	6
Familial polycythemia (289.6)	2	1	1	-	-	1	1	1	1
Methemoglobinemia (289.7)	1	-	1	-	1	-	-	-	-
Other (289.8)	2,135	1,245	890	1,153	822	92	68	78	59
Unspecified (289.9)	101	41	60	33	54	8	6	7	5
V. Mental disorders (290-319)									
Organic psychotic conditions (290-294)	9,438	3,441	5,997	3,059	5,579	382	418	340	382
Senile and presenile organic psychotic conditions (290)	8,902	3,028	5,874	2,755	5,484	273	390	239	357
Senile dementia, simple type (290.0)	3,192	903	2,289	824	2,124	79	165	69	147
Presenile dementia (290.1)	3,870	1,363	2,507	1,284	2,399	79	108	64	97
Senile dementia, depressed or paranoid type (290.2)	87	20	67	19	63	1	4	1	4
Senile dementia with acute confusional state (290.3)	6	2	4	2	3	-	1	-	1
Arteriosclerotic dementia (290.4)	1,742	740	1,002	626	891	114	111	105	108
Other (290.8)	3	-	3	-	3	-	-	-	-
Unspecified (290.9)	2	-	2	-	1	-	1	-	-
Alcoholic psychoses (291)	433	359	74	264	48	95	26	89	23
Delirium tremens (291.0)	157	135	22	96	15	39	7	38	6
Korsakov's psychosis, alcoholic (291.1)	16	15	1	13	1	2	-	2	-
Other alcoholic dementia (291.2)	90	69	21	55	16	14	5	14	4
Other alcoholic hallucinosis (291.3)	-	-	-	-	-	-	-	-	-
Pathological drunkenness (291.4)	-	-	-	-	-	-	-	-	-
Alcoholic jealousy (291.5)	-	-	-	-	-	-	-	-	-
Other (291.8)	155	129	26	90	13	39	13	34	12
Unspecified (291.9)	15	11	4	10	3	1	1	1	1
Drug psychoses (292)	7	5	2	3	2	2	-	2	-
Drug withdrawal syndrome (292.0)	7	5	2	3	2	2	-	2	-
Paranoid and/or hallucinatory states induced by drugs (292.1)	-	-	-	-	-	-	-	-	-
Pathological drug intoxication (292.2)	-	-	-	-	-	-	-	-	-
Other (292.8)	-	-	-	-	-	-	-	-	-
Unspecified (292.9)	-	-	-	-	-	-	-	-	-
Transient organic psychotic conditions (293)	11	6	5	4	4	2	1	2	1
Acute confusional state (293.0)	2	1	1	1	1	-	-	-	-
Subacute confusional state (293.1)	2	1	1	1	1	-	-	-	-
Other (293.8)	-	-	-	-	-	-	-	-	-
Unspecified (293.9)	7	4	3	2	2	2	1	2	1
Other organic psychotic conditions (chronic) (294)	85	43	42	33	41	10	1	8	1
Korsakov's psychosis or syndrome (nonalcoholic) (294.0)	11	9	2	6	2	3	-	3	-
Other (294.8)	-	-	-	-	-	-	-	-	-
Unspecified (294.9)	74	34	40	27	39	7	1	5	1
Other psychoses (295-299)	3,899	1,403	2,486	1,240	2,260	163	226	149	207
Schizophrenic psychoses (295)	261	124	137	108	119	16	18	16	18
Simple type (295.0)	69	30	39	27	38	3	1	3	1
Hebephrenic type (295.1)	2	1	1	1	-	-	1	-	1
Catatonic type (295.2)	15	9	6	8	4	1	2	1	2
Paranoid type (295.3)	19	6	13	4	11	2	2	2	2
Acute schizophrenic episode (295.4)	-	-	-	-	-	-	-	-	-
Latent schizophrenia (295.5)	-	-	-	-	-	-	-	-	-
Residual schizophrenia (295.6)	50	25	25	23	21	2	4	2	4
Schizoaffective type (295.7)	3	1	2	1	2	-	-	-	-
Other (295.8)	-	-	-	-	-	-	-	-	-
Unspecified (295.9)	103	52	51	44	43	8	8	8	8
Affective psychoses (296)	52	21	31	20	29	1	2	1	1
Manic-depressive psychosis, manic type (296.0)	2	-	2	-	2	-	-	-	-
Manic-depressive psychosis, depressed type (296.1)	25	11	14	10	14	1	-	1	-
Manic-depressive psychosis, circular type but currently manic (296.2)	2	-	2	-	1	-	1	-	-
Manic-depressive psychosis, circular type but currently depressed (296.3)	-	-	-	-	-	-	-	-	-
Manic-depressive psychosis, circular type, mixed (296.4)	-	-	-	-	-	-	-	-	-
Manic-depressive psychosis, circular type, current condition not specified (296.5)	11	6	5	6	4	-	1	-	1
Manic-depressive psychosis, other and unspecified (296.6)	10	4	6	4	6	-	-	-	-
Other (296.8)	-	-	-	-	-	-	-	-	-
Unspecified (296.9)	2	-	2	-	2	-	-	-	-
Paranoid states (297)	7	1	6	1	5	-	1	-	1
Paranoid state, simple (297.0)	-	-	-	-	-	-	-	-	-
Paranoia (297.1)	1	1	-	1	-	-	-	-	-
Paraphrenia (297.2)	-	-	-	-	-	-	-	-	-
Induced psychosis (297.3)	1	-	1	-	-	-	1	-	1

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Purpura and other hemorrhagic conditions-Con.									
Secondary thrombocytopenia (287.4)	*	*	*	*	*	*	*	*	*
Thrombocytopenia, unspecified (287.5)	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2
Other specified hemorrhagic conditions (287.8)	*	*	*	*	*	*	*	*	*
Unspecified hemorrhagic conditions (287.9)	.0	.0	*	*	*	*	*	*	*
Diseases of white blood cells (288)	.2	.2	.2	.2	.2	.2	*	.2	*
Agranulocytosis (288.0)	.1	.1	.1	.2	.1	*	*	*	*
Functional disorders of neutrophil polymorphonuclears (288.1)	*	*	*	*	*	*	*	*	*
Genetic anomalies of leucocytes (288.2)	*	*	*	*	*	*	*	*	*
Eosinophilia (288.3)	.0	*	.0	*	.0	*	*	*	*
Other (288.8)	.0	.1	.0	.1	.1	*	*	*	*
Unspecified (288.9)	*	*	*	*	*	*	*	*	*
Other diseases of blood and blood-forming organs (289)	1.0	1.1	.8	1.2	.9	.6	.4	.7	.5
Secondary polycythemia (289.0)	*	*	*	*	*	*	*	*	*
Chronic lymphadenitis (289.1)	*	*	*	*	*	*	*	*	*
Nonspecific mesenteric lymphadenitis (289.2)	*	*	*	*	*	*	*	*	*
Lymphadenitis, unspecified, except mesenteric (289.3)	*	*	*	*	*	*	*	*	*
Hypersplenism (289.4)	.0	*	*	*	*	*	*	*	*
Other diseases of spleen (289.5)	.0	.0	.0	.0	.0	*	*	*	*
Familial polycythemia (289.6)	*	*	*	*	*	*	*	*	*
Methemoglobinemia (289.7)	*	*	*	*	*	*	*	*	*
Other (289.8)	.9	1.0	.7	1.1	.8	.5	.3	.5	.4
Unspecified (289.9)	.0	.0	.0	.0	.1	*	*	*	*
V. Mental disorders (290-319)									
Organic psychotic conditions (290-294)	3.8	2.8	4.7	3.0	5.2	2.0	2.0	2.4	2.4
Senile and presenile organic psychotic conditions (290)	3.6	2.5	4.6	2.7	5.1	1.4	1.9	1.7	2.2
Senile dementia, simple type (290.0)	1.3	.7	1.8	.8	2.0	.4	.8	.5	.9
Presenile dementia (290.1)	1.6	1.1	2.0	1.3	2.3	.4	.5	.4	.6
Senile dementia, depressed or paranoid type (290.2)	.0	.0	.1	*	.1	*	*	*	*
Senile dementia with acute confusional state (290.3)	*	*	*	*	*	*	*	*	*
Arteriosclerotic dementia (290.4)	.7	.6	.8	.6	.8	.6	.5	.7	.7
Other (290.8)	*	*	*	*	*	*	*	*	*
Unspecified (290.9)	*	*	*	*	*	*	*	*	*
Alcoholic psychoses (291)	.2	.3	.1	.3	.0	.5	.1	.6	.1
Delirium tremens (291.0)	.1	.1	.0	.1	*	.2	*	.3	*
Korsakov's psychosis, alcoholic (291.1)	*	*	*	*	*	*	*	*	*
Other alcoholic dementia (291.2)	.0	.1	.0	.1	*	*	*	*	*
Other alcoholic hallucinosis (291.3)	*	*	*	*	*	*	*	*	*
Pathological drunkenness (291.4)	*	*	*	*	*	*	*	*	*
Alcoholic jealousy (291.5)	*	*	*	*	*	*	*	*	*
Other (291.8)	.1	.1	.0	.1	*	.2	*	.2	*
Unspecified (291.9)	*	*	*	*	*	*	*	*	*
Drug psychoses (292)	*	*	*	*	*	*	*	*	*
Drug withdrawal syndrome (292.0)	*	*	*	*	*	*	*	*	*
Paranoid and/or hallucinatory states induced by drugs (292.1)	*	*	*	*	*	*	*	*	*
Pathological drug intoxication (292.2)	*	*	*	*	*	*	*	*	*
Other (292.8)	*	*	*	*	*	*	*	*	*
Unspecified (292.9)	*	*	*	*	*	*	*	*	*
Transient organic psychotic conditions (293)	*	*	*	*	*	*	*	*	*
Acute confusional state (293.0)	*	*	*	*	*	*	*	*	*
Subacute confusional state (293.1)	*	*	*	*	*	*	*	*	*
Other (293.8)	*	*	*	*	*	*	*	*	*
Unspecified (293.9)	*	*	*	*	*	*	*	*	*
Other organic psychotic conditions (chronic) (294)	.0	.0	.0	.0	.0	*	*	*	*
Korsakov's psychosis or syndrome (nonalcoholic) (294.0)	*	*	*	*	*	*	*	*	*
Other (294.8)	*	*	*	*	*	*	*	*	*
Unspecified (294.9)	.0	.0	.0	.0	.0	*	*	*	*
Other psychoses (295-299)	1.6	1.2	2.0	1.2	2.1	.9	1.1	1.0	1.3
Schizophrenic psychoses (295)	.1	.1	.1	.1	.1	*	*	*	*
Simple type (295.0)	.0	.0	.0	.0	.0	*	*	*	*
Hebephrenic type (295.1)	*	*	*	*	*	*	*	*	*
Catatonic type (295.2)	*	*	*	*	*	*	*	*	*
Paranoid type (295.3)	*	*	*	*	*	*	*	*	*
Acute schizophrenic episode (295.4)	*	*	*	*	*	*	*	*	*
Latent schizophrenia (295.5)	*	*	*	*	*	*	*	*	*
Residual schizophrenia (295.6)	.0	.0	.0	.0	.0	*	*	*	*
Schizoaffective type (295.7)	*	*	*	*	*	*	*	*	*
Other (295.8)	*	*	*	*	*	*	*	*	*
Unspecified (295.9)	.0	.0	.0	.0	.0	*	*	*	*
Affective psychoses (296)	.0	.0	.0	.0	.0	*	*	*	*
Manic-depressive psychosis, manic type (296.0)	*	*	*	*	*	*	*	*	*
Manic-depressive psychosis, depressed type (296.1)	.0	*	*	*	*	*	*	*	*
Manic-depressive psychosis, circular type but currently manic (296.2)	*	*	*	*	*	*	*	*	*
Manic-depressive psychosis, circular type but currently depressed (296.3)	*	*	*	*	*	*	*	*	*
Manic-depressive psychosis, circular type, mixed (296.4)	*	*	*	*	*	*	*	*	*
Manic-depressive psychosis, circular type, current condition not specified (296.5)	*	*	*	*	*	*	*	*	*
Manic-depressive psychosis, other and unspecified (296.6)	*	*	*	*	*	*	*	*	*
Other (296.8)	*	*	*	*	*	*	*	*	*
Unspecified (296.9)	*	*	*	*	*	*	*	*	*
Paranoid states (297)	*	*	*	*	*	*	*	*	*
Paranoid state, simple (297.0)	*	*	*	*	*	*	*	*	*
Paranoia (297.1)	*	*	*	*	*	*	*	*	*
Paraphrenia (297.2)	*	*	*	*	*	*	*	*	*
Induced psychosis (297.3)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Paranoid states-Con.									
Other (297.8)	-	-	-	-	-	-	-	-	-
Unspecified (297.9)	5	-	5	-	5	-	-	-	-
Other nonorganic psychoses (298)	3,564	1,257	2,307	1,111	2,102	146	205	132	187
Depressive type (298.0)	1	-	1	-	1	-	-	-	-
Excitative type (298.1)	-	-	-	-	-	-	-	-	-
Reactive confusion (298.2)	-	-	-	-	-	-	-	-	-
Acute paranoid reaction (298.3)	-	-	-	-	-	-	-	-	-
Psychogenic paranoid psychosis (298.4)	-	-	-	-	-	-	-	-	-
Other and unspecified reactive psychosis (298.8)	-	-	-	-	-	-	-	-	-
Unspecified psychosis (298.9)	3,563	1,257	2,306	1,111	2,101	146	205	132	187
Psychoses with origin specific to childhood (299)	5	-	5	-	5	-	-	-	-
Infantile autism (299.0)	3	-	3	-	3	-	-	-	-
Disintegrative psychosis (299.1)	2	-	2	-	2	-	-	-	-
Other (299.8)	-	-	-	-	-	-	-	-	-
Unspecified (299.9)	-	-	-	-	-	-	-	-	-
Neurotic disorders, personality disorders, and other nonpsychotic mental disorders (300-316)	12,149	7,184	4,965	5,301	4,205	1,883	760	1,740	690
Neurotic disorders (300)	78	32	46	28	42	4	4	4	4
Anxiety states (300.0)	11	1	10	1	10	-	-	-	-
Hysteria (300.1)	24	11	13	10	12	1	1	1	1
Phobic state (300.2)	-	-	-	-	-	-	-	-	-
Obsessive-compulsive disorders (300.3)	2	-	2	-	2	-	-	-	-
Neurotic depression (300.4)	13	6	7	6	7	-	-	-	-
Neurasthenia (300.5)	1	-	1	-	1	-	-	-	-
Depersonalization syndrome (300.6)	1	-	1	-	1	-	-	-	-
Hypochondriasis (300.7)	-	-	-	-	-	-	-	-	-
Other neurotic disorders (300.8)	1	-	1	-	1	-	-	-	-
Unspecified (300.9)	25	14	11	11	8	3	3	3	3
Personality disorders (301)	6	3	3	3	3	-	-	-	-
Paranoid personality disorder (301.0)	-	-	-	-	-	-	-	-	-
Affective personality disorder (301.1)	-	-	-	-	-	-	-	-	-
Schizoid personality disorder (301.2)	-	-	-	-	-	-	-	-	-
Explosive personality disorder (301.3)	-	-	-	-	-	-	-	-	-
Anankastic personality disorder (301.4)	-	-	-	-	-	-	-	-	-
Hysterical personality disorder (301.5)	-	-	-	-	-	-	-	-	-
Asthenic personality disorder (301.6)	-	-	-	-	-	-	-	-	-
Personality disorder with predominantly sociopathic or asocial manifestation (301.7)	2	2	-	2	-	-	-	-	-
Other personality disorders (301.8)	-	-	-	-	-	-	-	-	-
Unspecified (301.9)	4	1	3	1	3	-	-	-	-
Sexual deviations and disorders (302)	-	-	-	-	-	-	-	-	-
Homosexuality (302.0)	-	-	-	-	-	-	-	-	-
Bestiality (302.1)	-	-	-	-	-	-	-	-	-
Pedophilia (302.2)	-	-	-	-	-	-	-	-	-
Transvestism (302.3)	-	-	-	-	-	-	-	-	-
Exhibitionism (302.4)	-	-	-	-	-	-	-	-	-
Trans-sexualism (302.5)	-	-	-	-	-	-	-	-	-
Disorders of psychosexual identity (302.6)	-	-	-	-	-	-	-	-	-
Frigidity and impotence (302.7)	-	-	-	-	-	-	-	-	-
Other (302.8)	-	-	-	-	-	-	-	-	-
Unspecified (302.9)	-	-	-	-	-	-	-	-	-
Alcohol dependence syndrome (303)	5,223	4,082	1,141	2,845	761	1,237	380	1,142	334
Drug dependence (304)	351	270	81	204	53	66	28	63	27
Morphine type (304.0)	17	14	3	11	3	3	-	3	-
Barbiturate type (304.1)	-	-	-	-	-	-	-	-	-
Cocaine (304.2)	12	8	4	4	1	4	3	4	3
Cannabis (304.3)	-	-	-	-	-	-	-	-	-
Amphetamine type and other psychostimulants (304.4)	-	-	-	-	-	-	-	-	-
Hallucinogens (304.5)	-	-	-	-	-	-	-	-	-
Other (304.6)	13	6	7	4	6	2	1	2	1
Combinations of morphine type drug with any other (304.7)	-	-	-	-	-	-	-	-	-
Combinations excluding morphine type drug (304.8)	1	1	-	-	-	1	-	1	-
Unspecified (304.9)	308	241	67	185	43	56	24	53	23
Nondependent abuse of drugs (305)	1,715	1,250	465	853	327	397	138	363	131
Alcohol (305.0)	784	624	160	475	123	149	37	121	31
Tobacco (305.1)	239	137	102	129	98	8	4	7	4
Cannabis (305.2)	1	1	-	1	-	-	-	-	-
Hallucinogens (305.3)	-	-	-	-	-	-	-	-	-
Barbiturates and tranquillizers (305.4)	-	-	-	-	-	-	-	-	-
Morphine type (305.5)	13	11	2	9	2	2	-	2	-
Cocaine type (305.6)	85	63	22	28	8	35	14	34	13
Amphetamine type (305.7)	6	4	2	4	2	-	-	-	-
Antidepressants (305.8)	-	-	-	-	-	-	-	-	-
Other, mixed or unspecified (305.9)	587	410	177	207	94	203	83	199	83
Physiological malfunction arising from mental factors (306)	10	5	5	5	5	-	-	-	-
Musculoskeletal (306.0)	-	-	-	-	-	-	-	-	-
Respiratory (306.1)	4	1	3	1	3	-	-	-	-
Cardiovascular (306.2)	4	4	-	4	-	-	-	-	-
Skin (306.3)	-	-	-	-	-	-	-	-	-
Gastrointestinal (306.4)	2	-	2	-	2	-	-	-	-
Genitourinary (306.5)	-	-	-	-	-	-	-	-	-
Endocrine (306.6)	-	-	-	-	-	-	-	-	-
Organs of special sense (306.7)	-	-	-	-	-	-	-	-	-
Other (306.8)	-	-	-	-	-	-	-	-	-
Unspecified (306.9)	-	-	-	-	-	-	-	-	-
Special symptoms or syndromes not elsewhere classified (307)	199	58	141	51	134	7	7	7	7
Stammering and stuttering (307.0)	-	-	-	-	-	-	-	-	-
Anorexia nervosa (307.1)	70	17	53	16	52	1	1	1	1

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Paranoid states-Con.									
Other (297.8)	*	*	*	*	*	*	*	*	*
Unspecified (297.9)	*	*	*	*	*	*	*	*	*
Other nonorganic psychoses (298)	1.4	1.0	1.8	1.1	2.0	0.8	1.0	0.9	1.2
Depressive type (298.0)	*	*	*	*	*	*	*	*	*
Excitative type (298.1)	*	*	*	*	*	*	*	*	*
Reactive confusion (298.2)	*	*	*	*	*	*	*	*	*
Acute paranoid reaction (298.3)	*	*	*	*	*	*	*	*	*
Psychogenic paranoid psychosis (298.4)	*	*	*	*	*	*	*	*	*
Other and unspecified reactive psychosis (298.8)	*	*	*	*	*	*	*	*	*
Unspecified psychosis (298.9)	1.4	1.0	1.8	1.1	2.0	.8	1.0	.9	1.2
Psychoses with origin specific to childhood (299)	*	*	*	*	*	*	*	*	*
Infantile autism (299.0)	*	*	*	*	*	*	*	*	*
Disintegrative psychosis (299.1)	*	*	*	*	*	*	*	*	*
Other (299.8)	*	*	*	*	*	*	*	*	*
Unspecified (299.9)	*	*	*	*	*	*	*	*	*
Neurotic disorders, personality disorders, and other nonpsychotic mental disorders (300-316)	4.9	5.9	3.9	5.2	3.9	9.9	3.6	12.1	4.3
Neurotic disorders (300)	.0	.0	.0	.0	.0	*	*	*	*
Anxiety states (300.0)	*	*	*	*	*	*	*	*	*
Hysteria (300.1)	.0	*	*	*	*	*	*	*	*
Phobic state (300.2)	*	*	*	*	*	*	*	*	*
Obsessive-compulsive disorders (300.3)	*	*	*	*	*	*	*	*	*
Neurotic depression (300.4)	*	*	*	*	*	*	*	*	*
Neurasthenia (300.5)	*	*	*	*	*	*	*	*	*
Depersonalization syndrome (300.6)	*	*	*	*	*	*	*	*	*
Hypochondriasis (300.7)	*	*	*	*	*	*	*	*	*
Other neurotic disorders (300.8)	*	*	*	*	*	*	*	*	*
Unspecified (300.9)	.0	*	*	*	*	*	*	*	*
Personality disorders (301)	*	*	*	*	*	*	*	*	*
Paranoid personality disorder (301.0)	*	*	*	*	*	*	*	*	*
Affective personality disorder (301.1)	*	*	*	*	*	*	*	*	*
Schizoid personality disorder (301.2)	*	*	*	*	*	*	*	*	*
Explosive personality disorder (301.3)	*	*	*	*	*	*	*	*	*
Anankastic personality disorder (301.4)	*	*	*	*	*	*	*	*	*
Hysterical personality disorder (301.5)	*	*	*	*	*	*	*	*	*
Asthenic personality disorder (301.6)	*	*	*	*	*	*	*	*	*
Personality disorder with predominantly sociopathic or asocial manifestation (301.7)	*	*	*	*	*	*	*	*	*
Other personality disorders (301.8)	*	*	*	*	*	*	*	*	*
Unspecified (301.9)	*	*	*	*	*	*	*	*	*
Sexual deviations and disorders (302)	*	*	*	*	*	*	*	*	*
Homosexuality (302.0)	*	*	*	*	*	*	*	*	*
Bestiality (302.1)	*	*	*	*	*	*	*	*	*
Pedophilia (302.2)	*	*	*	*	*	*	*	*	*
Transvestism (302.3)	*	*	*	*	*	*	*	*	*
Exhibitionism (302.4)	*	*	*	*	*	*	*	*	*
Trans-sexualism (302.5)	*	*	*	*	*	*	*	*	*
Disorders of psychosexual identity (302.6)	*	*	*	*	*	*	*	*	*
Frigidity and impotence (302.7)	*	*	*	*	*	*	*	*	*
Other (302.8)	*	*	*	*	*	*	*	*	*
Unspecified (302.9)	*	*	*	*	*	*	*	*	*
Alcohol dependence syndrome (303)	2.1	3.4	.9	2.8	.7	6.5	1.8	7.9	2.1
Drug dependence (304)	.1	.2	.1	.2	.0	.3	.1	.4	.2
Morphine type (304.0)	*	*	*	*	*	*	*	*	*
Barbiturate type (304.1)	*	*	*	*	*	*	*	*	*
Cocaine (304.2)	*	*	*	*	*	*	*	*	*
Cannabis (304.3)	*	*	*	*	*	*	*	*	*
Amphetamine type and other psychostimulants (304.4)	*	*	*	*	*	*	*	*	*
Hallucinogens (304.5)	*	*	*	*	*	*	*	*	*
Other (304.6)	*	*	*	*	*	*	*	*	*
Combinations of morphine type drug with any other (304.7)	*	*	*	*	*	*	*	*	*
Combinations excluding morphine type drug (304.8)	*	*	*	*	*	*	*	*	*
Unspecified (304.9)	.1	.2	.1	.2	.0	.3	.1	.4	.1
Nondependent abuse of drugs (305)	.7	1.0	.4	.8	.3	2.1	.7	2.5	.8
Alcohol (305.0)	.3	.5	.1	.5	.1	.8	.2	.8	.2
Tobacco (305.1)	.1	.1	.1	.1	.1	*	*	*	*
Cannabis (305.2)	*	*	*	*	*	*	*	*	*
Hallucinogens (305.3)	*	*	*	*	*	*	*	*	*
Barbiturates and tranquillizers (305.4)	*	*	*	*	*	*	*	*	*
Morphine type (305.5)	*	*	*	*	*	*	*	*	*
Cocaine type (305.6)	.0	.1	.0	.0	*	.2	*	.2	*
Amphetamine type (305.7)	*	*	*	*	*	*	*	*	*
Antidepressants (305.8)	*	*	*	*	*	*	*	*	*
Other, mixed or unspecified (305.9)	.2	.3	.1	.2	.1	1.1	.4	1.4	.5
Physiological malfunction arising from mental factors (306)	*	*	*	*	*	*	*	*	*
Musculoskeletal (306.0)	*	*	*	*	*	*	*	*	*
Respiratory (306.1)	*	*	*	*	*	*	*	*	*
Cardiovascular (306.2)	*	*	*	*	*	*	*	*	*
Skin (306.3)	*	*	*	*	*	*	*	*	*
Gastrointestinal (306.4)	*	*	*	*	*	*	*	*	*
Genitourinary (306.5)	*	*	*	*	*	*	*	*	*
Endocrine (306.6)	*	*	*	*	*	*	*	*	*
Organs of special sense (306.7)	*	*	*	*	*	*	*	*	*
Other (306.8)	*	*	*	*	*	*	*	*	*
Unspecified (306.9)	*	*	*	*	*	*	*	*	*
Special symptoms or syndromes not elsewhere classified (307)	.1	.0	.1	.0	.1	*	*	*	*
Stammering and stuttering (307.0)	*	*	*	*	*	*	*	*	*
Anorexia nervosa (307.1)	.0	*	.0	*	.0	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Special symptoms or syndromes not elsewhere classified-Con.									
Tics (307.2)	-	-	-	-	-	-	-	-	-
Stereotyped repetitive movements (307.3)	-	-	-	-	-	-	-	-	-
Specific disorders of sleep (307.4)	-	-	-	-	-	-	-	-	-
Other and unspecified disorders of eating (307.5)	107	30	77	27	73	3	4	3	4
Enuresis (307.6)	-	-	-	-	-	-	-	-	-
Encopresis (307.7)	-	-	-	-	-	-	-	-	-
Psychalgia (307.8)	-	-	-	-	-	-	-	-	-
Other and unspecified (307.9)	22	11	11	8	9	3	2	3	2
Acute reaction to stress (308)	30	16	14	13	12	3	2	3	2
Predominant disturbance of emotions (308.0)	1	-	1	-	-	-	1	-	1
Predominant disturbance of consciousness (308.1)	-	-	-	-	-	-	-	-	-
Predominant psychomotor disturbance (308.2)	-	-	-	-	-	-	-	-	-
Other (308.3)	-	-	-	-	-	-	-	-	-
Mixed (308.4)	-	-	-	-	-	-	-	-	-
Unspecified (308.9)	29	16	13	13	12	3	1	3	1
Adjustment reaction (309)	3	1	2	-	2	1	-	1	-
Brief depressive reaction (309.0)	3	1	2	-	2	1	-	1	-
Prolonged depressive reaction (309.1)	-	-	-	-	-	-	-	-	-
With predominant disturbance of other emotions (309.2)	-	-	-	-	-	-	-	-	-
With predominant disturbance of conduct (309.3)	-	-	-	-	-	-	-	-	-
With mixed disturbance of emotions and conduct (309.4)	-	-	-	-	-	-	-	-	-
Other (309.8)	-	-	-	-	-	-	-	-	-
Unspecified (309.9)	-	-	-	-	-	-	-	-	-
Specific nonpsychotic mental disorders following organic brain damage (310)	4,216	1,352	2,864	1,188	2,670	164	194	155	179
Frontal lobe syndrome (310.0)	2	1	1	-	1	1	-	1	-
Cognitive or personality change of other type (310.1)	-	-	-	-	-	-	-	-	-
Postconcussional syndrome (310.2)	15	10	5	8	3	2	2	2	2
Other (310.8)	1	-	1	-	-	-	1	-	1
Unspecified (310.9)	4,198	1,341	2,857	1,180	2,666	161	191	152	176
Depressive disorder, not elsewhere classified (311)	315	114	201	110	195	4	6	2	5
Disturbance of conduct not elsewhere classified (312)	1	1	-	1	-	-	-	-	-
Unsocialized disturbance of conduct (312.0)	-	-	-	-	-	-	-	-	-
Socialized disturbance of conduct (312.1)	-	-	-	-	-	-	-	-	-
Compulsive conduct disorder (312.2)	-	-	-	-	-	-	-	-	-
Mixed disturbance of conduct and emotions (312.3)	-	-	-	-	-	-	-	-	-
Other (312.8)	-	-	-	-	-	-	-	-	-
Unspecified (312.9)	1	1	-	1	-	-	-	-	-
Disturbance of emotions specific to childhood and adolescence (313)	-	-	-	-	-	-	-	-	-
With anxiety and fearfulness (313.0)	-	-	-	-	-	-	-	-	-
With misery and unhappiness (313.1)	-	-	-	-	-	-	-	-	-
With sensitivity, shyness, and social withdrawal (313.2)	-	-	-	-	-	-	-	-	-
Relationship problems (313.3)	-	-	-	-	-	-	-	-	-
Other or mixed (313.8)	-	-	-	-	-	-	-	-	-
Unspecified (313.9)	-	-	-	-	-	-	-	-	-
Hyperkinetic syndrome of childhood (314)	-	-	-	-	-	-	-	-	-
Simple disturbance of activity and attention (314.0)	-	-	-	-	-	-	-	-	-
Hyperkinesis with developmental delay (314.1)	-	-	-	-	-	-	-	-	-
Hyperkinetic conduct disorder (314.2)	-	-	-	-	-	-	-	-	-
Other (314.8)	-	-	-	-	-	-	-	-	-
Unspecified (314.9)	-	-	-	-	-	-	-	-	-
Specific delays in development (315)	2	-	2	-	1	-	1	-	1
Specific reading retardation (315.0)	-	-	-	-	-	-	-	-	-
Specific arithmetical retardation (315.1)	-	-	-	-	-	-	-	-	-
Other specific learning difficulties (315.2)	-	-	-	-	-	-	-	-	-
Developmental speech or language disorder (315.3)	-	-	-	-	-	-	-	-	-
Specific motor retardation (315.4)	-	-	-	-	-	-	-	-	-
Mixed development disorder (315.5)	-	-	-	-	-	-	-	-	-
Other (315.8)	-	-	-	-	-	-	-	-	-
Unspecified (315.9)	2	-	2	-	1	-	1	-	1
Psychic factors associated with diseases classified elsewhere (316)	-	-	-	-	-	-	-	-	-
Mental retardation (317-319)	380	217	163	187	139	30	24	29	22
Mild mental retardation (317)	1	1	-	1	-	-	-	-	-
Other specified mental retardation (318)	133	73	60	61	51	12	9	12	8
Moderate mental retardation (318.0)	1	1	-	1	-	-	-	-	-
Severe mental retardation (318.1)	85	43	42	36	34	7	8	7	7
Profound mental retardation (318.2)	47	29	18	24	17	5	1	5	1
Unspecified mental retardation (319)	246	143	103	125	88	18	15	17	14
VI. Diseases of the nervous system and sense organs (320-389)									
Inflammatory diseases of the central nervous system (320-326)	1,517	823	694	587	512	236	182	218	162
Bacterial meningitis (320)	564	303	261	212	191	91	70	82	61
Hemophilus meningitis (320.0)	63	42	21	27	16	15	5	14	3
Pneumococcal meningitis (320.1)	188	92	96	66	68	26	28	25	24
Streptococcal meningitis (320.2)	77	35	42	27	30	8	12	6	11
Staphylococcal meningitis (320.3)	20	9	11	7	10	2	1	2	1
Meningitis due to other specified bacteria (320.8)	22	13	9	12	6	1	3	-	3
Meningitis due to unspecified bacterium (320.9)	194	112	82	73	61	39	21	35	19
Meningitis of unspecified cause (322)	453	242	211	159	143	83	68	77	64
Nonpyogenic meningitis (322.0)	1	1	-	1	-	-	-	-	-
Eosinophilic meningitis (322.1)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Special symptoms or syndromes not elsewhere classified-Con.									
Tics (307.2)	*	*	*	*	*	*	*	*	*
Stereotyped repetitive movements (307.3)	*	*	*	*	*	*	*	*	*
Specific disorders of sleep (307.4)	*	*	*	*	*	*	*	*	*
Other and unspecified disorders of eating (307.5)	0.0	0.0	0.1	0.0	0.1	*	*	*	*
Enuresis (307.6)	*	*	*	*	*	*	*	*	*
Encopresis (307.7)	*	*	*	*	*	*	*	*	*
Psychalgia (307.8)	*	*	*	*	*	*	*	*	*
Other and unspecified (307.9)	.0	*	*	*	*	*	*	*	*
Acute reaction to stress (308)	.0	*	*	*	*	*	*	*	*
Predominant disturbance of emotions (308.0)	*	*	*	*	*	*	*	*	*
Predominant disturbance of consciousness (308.1)	*	*	*	*	*	*	*	*	*
Predominant psychomotor disturbance (308.2)	*	*	*	*	*	*	*	*	*
Other (308.3)	*	*	*	*	*	*	*	*	*
Mixed (308.4)	*	*	*	*	*	*	*	*	*
Unspecified (308.9)	.0	*	*	*	*	*	*	*	*
Adjustment reaction (309)	*	*	*	*	*	*	*	*	*
Brief depressive reaction (309.0)	*	*	*	*	*	*	*	*	*
Prolonged depressive reaction (309.1)	*	*	*	*	*	*	*	*	*
With predominant disturbance of other emotions (309.2)	*	*	*	*	*	*	*	*	*
With predominant disturbance of conduct (309.3)	*	*	*	*	*	*	*	*	*
With mixed disturbance of emotions and conduct (309.4)	*	*	*	*	*	*	*	*	*
Other (309.8)	*	*	*	*	*	*	*	*	*
Unspecified (309.9)	*	*	*	*	*	*	*	*	*
Specific nonpsychotic mental disorders following organic brain damage (310)	1.7	1.1	2.2	1.2	2.5	0.9	0.9	1.1	1.1
Frontal lobe syndrome (310.0)	*	*	*	*	*	*	*	*	*
Cognitive or personality change of other type (310.1)	*	*	*	*	*	*	*	*	*
Postconcussional syndrome (310.2)	*	*	*	*	*	*	*	*	*
Other (310.8)	*	*	*	*	*	*	*	*	*
Unspecified (310.9)	1.7	1.1	2.2	1.2	2.5	.8	.9	1.1	1.1
Depressive disorder, not elsewhere classified (311)	.1	.1	.2	.1	.2	*	*	*	*
Disturbance of conduct not elsewhere classified (312)	*	*	*	*	*	*	*	*	*
Unsocialized disturbance of conduct (312.0)	*	*	*	*	*	*	*	*	*
Socialized disturbance of conduct (312.1)	*	*	*	*	*	*	*	*	*
Compulsive conduct disorder (312.2)	*	*	*	*	*	*	*	*	*
Mixed disturbance of conduct and emotions (312.3)	*	*	*	*	*	*	*	*	*
Other (312.8)	*	*	*	*	*	*	*	*	*
Unspecified (312.9)	*	*	*	*	*	*	*	*	*
Disturbance of emotions specific to childhood and adolescence (313)	*	*	*	*	*	*	*	*	*
With anxiety and fearfulness (313.0)	*	*	*	*	*	*	*	*	*
With misery and unhappiness (313.1)	*	*	*	*	*	*	*	*	*
With sensitivity, shyness, and social withdrawal (313.2)	*	*	*	*	*	*	*	*	*
Relationship problems (313.3)	*	*	*	*	*	*	*	*	*
Other or mixed (313.8)	*	*	*	*	*	*	*	*	*
Unspecified (313.9)	*	*	*	*	*	*	*	*	*
Hyperkinetic syndrome of childhood (314)	*	*	*	*	*	*	*	*	*
Simple disturbance of activity and attention (314.0)	*	*	*	*	*	*	*	*	*
Hyperkinesis with developmental delay (314.1)	*	*	*	*	*	*	*	*	*
Hyperkinetic conduct disorder (314.2)	*	*	*	*	*	*	*	*	*
Other (314.8)	*	*	*	*	*	*	*	*	*
Unspecified (314.9)	*	*	*	*	*	*	*	*	*
Specific delays in development (315)	*	*	*	*	*	*	*	*	*
Specific reading retardation (315.0)	*	*	*	*	*	*	*	*	*
Specific arithmetical retardation (315.1)	*	*	*	*	*	*	*	*	*
Other specific learning difficulties (315.2)	*	*	*	*	*	*	*	*	*
Developmental speech or language disorder (315.3)	*	*	*	*	*	*	*	*	*
Specific motor retardation (315.4)	*	*	*	*	*	*	*	*	*
Mixed development disorder (315.5)	*	*	*	*	*	*	*	*	*
Other (315.8)	*	*	*	*	*	*	*	*	*
Unspecified (315.9)	*	*	*	*	*	*	*	*	*
Psychic factors associated with diseases classified elsewhere (316)	*	*	*	*	*	*	*	*	*
Mental retardation (317-319)	.2	.2	.1	.2	.1	.2	.1	.2	.1
Mild mental retardation (317)	*	*	*	*	*	*	*	*	*
Other specified mental retardation (318)	.1	.1	.0	.1	.0	*	*	*	*
Moderate mental retardation (318.0)	*	*	*	*	*	*	*	*	*
Severe mental retardation (318.1)	.0	.0	.0	.0	.0	*	*	*	*
Profound mental retardation (318.2)	.0	.0	*	.0	*	*	*	*	*
Unspecified mental retardation (319)	.1	.1	.1	.1	.1	*	*	*	*
VI. Diseases of the nervous system and sense organs (320-389)									
Inflammatory diseases of the central nervous system (320-326)	.6	.7	.5	.6	.5	1.2	.9	1.5	1.0
Bacterial meningitis (320)	.2	.2	.2	.2	.2	.5	.3	.6	.4
Hemophilus meningitis (320.0)	.0	.0	.0	.0	*	*	*	*	*
Pneumococcal meningitis (320.1)	.1	.1	.1	.1	.1	.1	.1	.2	.1
Streptococcal meningitis (320.2)	.0	.0	.0	.0	.0	*	*	*	*
Staphylococcal meningitis (320.3)	.0	*	*	*	*	*	*	*	*
Meningitis due to other specified bacteria (320.8)	.0	*	*	*	*	*	*	*	*
Meningitis due to unspecified bacterium (320.9)	.1	.1	.1	.1	.1	.2	.1	.2	*
Meningitis of unspecified cause (322)	.2	.2	.2	.2	.1	.4	.3	.5	.4
Nonpyogenic meningitis (322.0)	*	*	*	*	*	*	*	*	*
Eosinophilic meningitis (322.1)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Meningitis of unspecified cause-Con.									
Chronic meningitis (322.2)	13	5	8	3	5	2	3	2	3
Meningitis, unspecified (322.9)	439	236	203	155	138	81	65	75	61
Encephalitis, myelitis, and encephalomyelitis (323)	272	144	128	113	101	31	27	30	25
Encephalitis following immunization procedures (323.5)	-	-	-	-	-	-	-	-	-
Other (323.8)	2	1	1	1	1	-	-	-	-
Unspecified cause (323.9)	270	143	127	112	100	31	27	30	25
Intracranial and intraspinal abscess (324)	168	104	64	76	55	28	9	26	8
Intracranial abscess (324.0)	130	80	50	55	43	25	7	23	6
Intraspinal abscess (324.1)	12	9	3	8	3	1	-	1	-
Of unspecified site (324.9)	26	15	11	13	9	2	2	2	2
Phlebitis and thrombophlebitis of intracranial venous sinuses (325)	14	1	13	1	10	-	3	-	2
Late effects of intracranial abscess or pyogenic infection (326)	46	29	17	26	12	3	5	3	2
Hereditary and degenerative diseases of the central nervous system (330-337)	27,202	12,389	14,813	11,583	13,992	806	821	669	734
Cerebral degenerations usually manifest in childhood (330)	169	102	67	86	61	16	6	11	4
Leucodystrophy (330.0)	103	67	36	56	34	11	2	9	2
Cerebral lipidoses (330.1)	44	22	22	21	19	1	3	-	1
Other cerebral degenerations in childhood (330.8)	18	11	7	7	6	4	1	2	1
Unspecified (330.9)	4	2	2	2	2	-	-	-	-
Other cerebral degenerations (331)	14,931	5,552	9,379	5,164	8,891	388	488	343	454
Alzheimer's disease (331.0)	13,744	4,992	8,752	4,675	8,345	317	407	281	381
Pick's disease (331.1)	25	11	14	10	14	1	-	1	-
Senile degeneration of brain (331.2)	33	9	24	8	23	1	1	1	1
Communicating hydrocephalus (331.3)	14	6	8	6	7	-	1	-	1
Obstructive hydrocephalus (331.4)	596	309	287	260	238	49	49	43	41
Other cerebral degeneration (331.8)	42	22	20	19	18	3	2	2	2
Unspecified (331.9)	477	203	274	186	246	17	28	15	28
Parkinson's disease (332)	7,254	4,244	3,010	4,042	2,876	202	134	146	99
Paralysis agitans (332.0)	7,251	4,241	3,010	4,040	2,876	201	134	145	99
Secondary Parkinsonism (332.1)	3	3	-	2	-	1	-	1	-
Other extrapyramidal disease and abnormal movement disorders (333)	654	339	315	314	274	25	41	22	38
Other degenerative diseases of the basal ganglia (333.0)	181	119	62	106	55	13	7	12	5
Essential and other specified forms of tremor (333.1)	2	1	1	-	1	1	-	1	-
Myoclonus (333.2)	11	4	7	4	7	-	-	-	-
Tics of organic origin (333.3)	-	-	-	-	-	-	-	-	-
Huntington's chorea (333.4)	371	186	185	179	158	7	27	6	26
Other choreas (333.5)	11	3	8	3	6	-	2	-	2
Idiopathic torsion dystonia (333.6)	8	3	5	3	5	-	-	-	-
Symptomatic torsion dystonia (333.7)	1	1	-	1	-	-	-	-	-
Fragments of torsion dystonia (333.8)	42	8	34	8	31	-	3	-	3
Other and unspecified (333.9)	27	14	13	10	11	4	2	3	2
Spinocerebellar disease (334)	271	135	136	120	125	15	11	12	10
Friedreich's ataxia (334.0)	51	22	29	22	28	-	1	-	-
Hereditary spastic paraplegia (334.1)	5	4	1	3	1	1	-	1	-
Primary cerebellar degeneration (334.2)	15	6	9	5	8	1	1	1	1
Other cerebellar ataxia (334.3)	25	14	11	14	9	-	2	-	2
Other (334.8)	60	25	35	19	32	6	3	5	3
Unspecified (334.9)	115	64	51	57	47	7	4	5	4
Anterior horn cell disease (335)	3,749	1,931	1,818	1,788	1,688	143	130	119	119
Werdnig-Hoffmann disease (335.0)	129	81	48	67	42	14	6	10	6
Spinal muscular atrophy (335.1)	48	22	26	21	21	1	5	-	5
Motor neurone disease (335.2)	3,568	1,826	1,742	1,698	1,623	128	119	109	108
Other (335.8)	-	-	-	-	-	-	-	-	-
Unspecified (335.9)	4	2	2	2	2	-	-	-	-
Other diseases of spinal cord (336)	152	73	79	59	68	14	11	13	10
Syringomyelia and syringobulbia (336.0)	33	16	17	13	17	3	-	3	-
Vascular myelopathies (336.1)	31	17	14	15	12	2	2	2	2
Other myelopathy (336.8)	17	5	12	4	11	1	1	-	1
Unspecified diseases of spinal cord (336.9)	71	35	36	27	28	8	8	8	7
Disorders of the autonomic nervous system (337)	22	13	9	10	9	3	-	3	-
Idiopathic peripheral autonomic neuropathy (337.0)	5	4	1	3	1	1	-	1	-
Unspecified (337.9)	17	9	8	7	8	2	-	2	-
Other disorders of the central nervous system (340-349)	8,452	4,243	4,209	3,402	3,451	841	758	779	716
Multiple sclerosis (340)	1,647	594	1,053	549	955	45	98	43	96
Other demyelinating diseases of central nervous system (341)	129	62	67	53	60	9	7	8	7
Neuromyelitis optica (341.0)	2	1	1	-	1	1	-	1	-
Schilder's disease (341.1)	6	3	3	2	3	1	-	1	-
Other (341.8)	29	14	15	12	13	2	2	2	2
Unspecified (341.9)	92	44	48	39	43	5	5	4	5
Hemiplegia (342)	157	72	85	61	77	11	8	10	8
Flaccid hemiplegia (342.0)	-	-	-	-	-	-	-	-	-
Spastic hemiplegia (342.1)	2	1	1	1	1	-	-	-	-
Unspecified (342.9)	155	71	84	60	76	11	8	10	8
Infantile cerebral palsy (343)	773	439	334	354	263	85	71	81	66
Diplegic (343.0)	2	1	1	1	1	-	-	-	-
Hemiplegic (343.1)	-	-	-	-	-	-	-	-	-
Quadriplegic (343.2)	46	28	18	24	16	4	2	4	2
Monoplegic (343.3)	-	-	-	-	-	-	-	-	-
Infantile hemiplegia (343.4)	1	1	-	1	-	-	-	-	-
Other (343.8)	2	1	1	1	1	-	-	-	-
Unspecified (343.9)	722	408	314	327	245	81	69	77	64

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Meningitis of unspecified cause-Con.									
Chronic meningitis (322.2)	*	*	*	*	*	*	*	*	*
Meningitis, unspecified (322.9)	0.2	0.2	0.2	0.2	0.1	0.4	0.3	0.5	0.4
Encephalitis, myelitis, and encephalomyelitis (323)	.1	.1	.1	.1	.1	.2	.1	.2	.2
Encephalitis following immunization procedures (323.5)	*	*	*	*	*	*	*	*	*
Other (323.8)	*	*	*	*	*	*	*	*	*
Unspecified cause (323.9)	.1	.1	.1	.1	.1	.2	.1	.2	.2
Intracranial and intraspinal abscess (324)	.1	.1	.1	.1	.1	.1	*	.2	*
Intracranial abscess (324.0)	.1	.1	.0	.1	.0	.1	*	.2	*
Intraspinal abscess (324.1)	*	*	*	*	*	*	*	*	*
Of unspecified site (324.9)	.0	*	*	*	*	*	*	*	*
Phlebitis and thrombophlebitis of intracranial venous sinuses (325)	*	*	*	*	*	*	*	*	*
Late effects of intracranial abscess or pyogenic infection (326)	.0	.0	*	.0	*	*	*	*	*
Hereditary and degenerative diseases of the central nervous system (330-337)	10.9	10.2	11.6	11.3	13.1	4.2	3.9	4.6	4.6
Cerebral degenerations usually manifest in childhood (330)	.1	.1	.1	.1	.1	*	*	*	*
Leucodystrophy (330.0)	.0	.1	.0	.1	.0	*	*	*	*
Cerebral lipidoses (330.1)	.0	.0	.0	.0	*	*	*	*	*
Other cerebral degenerations in childhood (330.8)	*	*	*	*	*	*	*	*	*
Unspecified (330.9)	*	*	*	*	*	*	*	*	*
Other cerebral degenerations (331)	6.0	4.6	7.4	5.1	8.3	2.0	2.3	2.4	2.8
Alzheimer's disease (331.0)	5.5	4.1	6.9	4.6	7.8	1.7	1.9	1.9	2.4
Pick's disease (331.1)	.0	*	*	*	*	*	*	*	*
Senile degeneration of brain (331.2)	.0	*	.0	*	.0	*	*	*	*
Communicating hydrocephalus (331.3)	*	*	*	*	*	*	*	*	*
Obstructive hydrocephalus (331.4)	.2	.3	.2	.3	.2	.3	.2	.3	.3
Other cerebral degeneration (331.8)	.0	.0	.0	*	*	*	*	*	*
Unspecified (331.9)	.2	.2	.2	.2	.2	*	.1	*	.2
Parkinson's disease (332)	2.9	3.5	2.4	4.0	2.7	1.1	.6	1.0	.6
Paralysis agitans (332.0)	2.9	3.5	2.4	4.0	2.7	1.1	.6	1.0	.6
Secondary Parkinsonism (332.1)	*	*	*	*	*	*	*	*	*
Other extrapyramidal disease and abnormal movement disorders (333)	.3	.3	.2	.3	.3	.1	.2	.2	.2
Other degenerative diseases of the basal ganglia (333.0)	.1	.1	.0	.1	.1	*	*	*	*
Essential and other specified forms of tremor (333.1)	*	*	*	*	*	*	*	*	*
Myoclonus (333.2)	*	*	*	*	*	*	*	*	*
Tics of organic origin (333.3)	*	*	*	*	*	*	*	*	*
Huntington's chorea (333.4)	.1	.2	.1	.2	.1	*	.1	*	.2
Other choreas (333.5)	*	*	*	*	*	*	*	*	*
Idiopathic torsion dystonia (333.6)	*	*	*	*	*	*	*	*	*
Symptomatic torsion dystonia (333.7)	*	*	*	*	*	*	*	*	*
Fragments of torsion dystonia (333.8)	.0	*	.0	*	.0	*	*	*	*
Other and unspecified (333.9)	.0	*	*	*	*	*	*	*	*
Spinocerebellar disease (334)	.1	.1	.1	.1	.1	*	*	*	*
Friedreich's ataxia (334.0)	.0	.0	.0	.0	.0	*	*	*	*
Hereditary spastic paraplegia (334.1)	*	*	*	*	*	*	*	*	*
Primary cerebellar degeneration (334.2)	*	*	*	*	*	*	*	*	*
Other cerebellar ataxia (334.3)	.0	*	*	*	*	*	*	*	*
Other (334.8)	.0	.0	.0	*	.0	*	*	*	*
Unspecified (334.9)	.0	.1	.0	.1	.0	*	*	*	*
Anterior horn cell disease (335)	1.5	1.6	1.4	1.8	1.6	.7	.6	.8	.7
Werdnig-Hoffmann disease (335.0)	.1	.1	.0	.1	.0	*	*	*	*
Spinal muscular atrophy (335.1)	.0	.0	.0	.0	.0	*	*	*	*
Motor neurone disease (335.2)	1.4	1.5	1.4	1.7	1.5	.7	.6	.8	.7
Other (335.8)	*	*	*	*	*	*	*	*	*
Unspecified (335.9)	*	*	*	*	*	*	*	*	*
Other diseases of spinal cord (336)	.1	.1	.1	.1	.1	*	*	*	*
Syringomyelia and syringobulbia (336.0)	.0	*	*	*	*	*	*	*	*
Vascular myelopathies (336.1)	.0	*	*	*	*	*	*	*	*
Other myelopathy (336.8)	*	*	*	*	*	*	*	*	*
Unspecified diseases of spinal cord (336.9)	.0	.0	.0	.0	.0	*	*	*	*
Disorders of the autonomic nervous system (337)	.0	*	*	*	*	*	*	*	*
Idiopathic peripheral autonomic neuropathy (337.0)	*	*	*	*	*	*	*	*	*
Unspecified (337.9)	*	*	*	*	*	*	*	*	*
Other disorders of the central nervous system (340-349)	3.4	3.5	3.3	3.3	3.2	4.4	3.6	5.4	4.5
Multiple sclerosis (340)	.7	.5	.8	.5	.9	.2	.5	.3	.6
Other demyelinating diseases of central nervous system (341)	.1	.1	.1	.1	.1	*	*	*	*
Neuromyelitis optica (341.0)	*	*	*	*	*	*	*	*	*
Schilder's disease (341.1)	*	*	*	*	*	*	*	*	*
Other (341.8)	.0	*	*	*	*	*	*	*	*
Unspecified (341.9)	.0	.0	.0	.0	.0	*	*	*	*
Hemiplegia (342)	.1	.1	.1	.1	.1	*	*	*	*
Flaccid hemiplegia (342.0)	*	*	*	*	*	*	*	*	*
Spastic hemiplegia (342.1)	*	*	*	*	*	*	*	*	*
Unspecified (342.9)	.1	.1	.1	.1	.1	*	*	*	*
Infantile cerebral palsy (343)	.3	.4	.3	.3	.2	.4	.3	.6	.4
Diplegic (343.0)	*	*	*	*	*	*	*	*	*
Hemiplegic (343.1)	*	*	*	*	*	*	*	*	*
Quadriplegic (343.2)	.0	.0	*	.0	*	*	*	*	*
Monoplegic (343.3)	*	*	*	*	*	*	*	*	*
Infantile hemiplegia (343.4)	*	*	*	*	*	*	*	*	*
Other (343.8)	*	*	*	*	*	*	*	*	*
Unspecified (343.9)	.3	.3	.2	.3	.2	.4	.3	.5	.4

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other disorders of the central nervous system-Con.									
Other paralytic syndromes (344)	658	391	267	321	236	70	31	63	29
Quadriplegia (344.0)	202	147	55	109	45	38	10	34	9
Paraplegia (344.1)	116	78	38	60	32	18	6	17	6
Diplegia of upper limbs (344.2)	-	-	-	-	-	-	-	-	-
Monoplegia of lower limb (344.3)	4	3	1	2	-	1	1	1	1
Monoplegia of upper limb (344.4)	2	1	1	1	1	-	-	-	-
Unspecified monoplegia (344.5)	-	-	-	-	-	-	-	-	-
Cauda equina syndrome (344.6)	147	67	80	61	75	6	5	6	5
Other (344.8)	119	58	61	54	54	4	7	3	6
Unspecified (344.9)	68	37	31	34	29	3	2	2	2
Epilepsy (345)	1,627	907	720	636	542	271	178	257	170
Generalized nonconvulsive epilepsy (345.0)	3	1	2	1	1	-	1	-	1
Generalized convulsive epilepsy (345.1)	384	221	163	153	129	68	34	67	33
Petit mal status (345.2)	1	1	-	1	-	-	-	-	-
Grand mal status (345.3)	596	295	301	202	220	93	81	89	77
Partial epilepsy with impairment of consciousness (345.4)	8	5	3	4	2	1	1	1	1
Partial epilepsy without mention of impairment of consciousness (345.5)	4	3	1	2	1	1	-	1	-
Infantile spasms (345.6)	7	5	2	4	1	1	1	1	-
Epilepsia partialis continua (345.7)	4	1	3	-	3	1	-	1	-
Other (345.8)	1	1	-	1	-	-	-	-	-
Unspecified (345.9)	619	374	245	268	185	106	60	97	58
Migraine (346)	3	1	2	1	2	-	-	-	-
Classical migraine (346.0)	-	-	-	-	-	-	-	-	-
Common migraine (346.1)	-	-	-	-	-	-	-	-	-
Variants of migraine (346.2)	-	-	-	-	-	-	-	-	-
Other (346.8)	2	1	1	1	1	-	-	-	-
Unspecified (346.9)	1	-	1	-	1	-	-	-	-
Cataplexy and narcolepsy (347)	1	-	1	-	1	-	-	-	-
Other conditions of brain (348)	3,126	1,617	1,509	1,282	1,166	335	343	303	319
Cerebral cysts (348.0)	46	28	18	24	14	4	4	4	3
Anoxic brain damage (348.1)	1,933	1,037	896	820	668	217	228	200	212
Benign intracranial hypertension (348.2)	44	20	24	12	18	8	6	8	6
Encephalopathy, unspecified (348.3)	480	247	233	201	199	46	34	39	31
Compression of brain (348.4)	81	42	39	31	29	11	10	9	10
Cerebral edema (348.5)	160	80	80	58	60	22	20	17	19
Other (348.8)	103	51	52	44	37	7	15	7	13
Unspecified (348.9)	279	112	167	92	141	20	26	19	25
Other and unspecified disorders of the nervous system (349)	331	160	171	145	149	15	22	14	21
Reaction to spinal or lumbar puncture (349.0)	-	-	-	-	-	-	-	-	-
Nervous system complications from surgically implanted device (349.1)	6	3	3	3	2	-	1	-	-
Disorders of meninges, not elsewhere classified (349.2)	-	-	-	-	-	-	-	-	-
Other (349.8)	214	102	112	94	102	8	10	7	10
Unspecified (349.9)	111	55	56	48	45	7	11	7	11
Disorders of the peripheral nervous system (350-359)	2,080	1,238	842	1,112	770	126	72	107	63
Trigeminal nerve disorders (350)	5	-	5	-	5	-	-	-	-
Other trigeminal neuralgia (350.1)	4	-	4	-	4	-	-	-	-
Atypical face pain (350.2)	-	-	-	-	-	-	-	-	-
Other (350.8)	1	-	1	-	1	-	-	-	-
Unspecified (350.9)	-	-	-	-	-	-	-	-	-
Facial nerve disorders (351)	4	2	2	2	2	-	-	-	-
Bell's palsy (351.0)	3	2	1	2	1	-	-	-	-
Geniculate ganglionitis (351.1)	-	-	-	-	-	-	-	-	-
Other (351.8)	1	-	1	-	1	-	-	-	-
Unspecified (351.9)	-	-	-	-	-	-	-	-	-
Disorders of other cranial nerves (352)	23	14	9	13	9	1	-	1	-
Disorders of olfactory (1st) nerve (352.0)	-	-	-	-	-	-	-	-	-
Glossopharyngeal neuralgia (352.1)	1	-	1	-	1	-	-	-	-
Other disorders of glossopharyngeal (9th) nerve (352.2)	1	1	-	1	-	-	-	-	-
Disorders of pneumogastric (10th) nerve (352.3)	3	1	2	1	2	-	-	-	-
Disorders of accessory (11th) nerve (352.4)	-	-	-	-	-	-	-	-	-
Disorders of hypoglossal (12th) nerve (352.5)	1	1	-	-	-	1	-	1	-
Multiple cranial nerve palsies (352.6)	7	5	2	5	2	-	-	-	-
Unspecified (352.9)	10	6	4	6	4	-	-	-	-
Nerve root and plexus disorders (353)	-	-	-	-	-	-	-	-	-
Brachial plexus lesions (353.0)	-	-	-	-	-	-	-	-	-
Lumbosacral plexus lesions (353.1)	-	-	-	-	-	-	-	-	-
Cervical root lesions, not elsewhere classified (353.2)	-	-	-	-	-	-	-	-	-
Thoracic root lesions, not elsewhere classified (353.3)	-	-	-	-	-	-	-	-	-
Lumbosacral root lesions, not elsewhere classified (353.4)	-	-	-	-	-	-	-	-	-
Neuralgic amyotrophy (353.5)	-	-	-	-	-	-	-	-	-
Phantom limb syndrome (353.6)	-	-	-	-	-	-	-	-	-
Other (353.8)	-	-	-	-	-	-	-	-	-
Unspecified (353.9)	-	-	-	-	-	-	-	-	-
Mononeuritis of upper limb and mononeuritis multiplex (354)	7	4	3	4	3	-	-	-	-
Carpal tunnel syndrome (354.0)	-	-	-	-	-	-	-	-	-
Other lesion of median nerve (354.1)	-	-	-	-	-	-	-	-	-
Lesion of ulnar nerve (354.2)	-	-	-	-	-	-	-	-	-
Lesion of radial nerve (354.3)	-	-	-	-	-	-	-	-	-
Causalgia (354.4)	-	-	-	-	-	-	-	-	-
Mononeuritis multiplex (354.5)	2	-	2	-	2	-	-	-	-
Other (354.8)	5	4	1	4	1	-	-	-	-
Unspecified (354.9)	-	-	-	-	-	-	-	-	-
Mononeuritis of lower limb (355)	46	19	27	15	23	4	4	2	2
Lesion of sciatic nerve (355.0)	-	-	-	-	-	-	-	-	-
Meralgia paraesthetica (355.1)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other disorders of the central nervous system-Con.									
Other paralytic syndromes (344)	0.3	0.3	0.2	0.3	0.2	0.4	0.1	0.4	0.2
Quadriplegia (344.0)	.1	.1	.0	.1	.0	.2	*	.2	*
Paraplegia (344.1)	.0	.1	.0	.1	.0	*	*	*	*
Diplegia of upper limbs (344.2)	*	*	*	*	*	*	*	*	*
Monoplegia of lower limb (344.3)	*	*	*	*	*	*	*	*	*
Monoplegia of upper limb (344.4)	*	*	*	*	*	*	*	*	*
Unspecified monoplegia (344.5)	*	*	*	*	*	*	*	*	*
Cauda equina syndrome (344.6)	.1	.1	.1	.1	.1	*	*	*	*
Other (344.8)	.0	.0	.0	.1	.1	*	*	*	*
Unspecified (344.9)	.0	.0	.0	.0	.0	*	*	*	*
Epilepsy (345)	.7	.7	.6	.6	.5	1.4	.9	1.8	1.1
Generalized nonconvulsive epilepsy (345.0)	*	*	*	*	*	*	*	*	*
Generalized convulsive epilepsy (345.1)	.2	.2	.1	.1	.1	.4	.2	.5	.2
Petit mal status (345.2)	*	*	*	*	*	*	*	*	*
Grand mal status (345.3)	.2	.2	.2	.2	.2	.5	.4	.6	.5
Partial epilepsy with impairment of consciousness (345.4)	*	*	*	*	*	*	*	*	*
Partial epilepsy without mention of impairment of consciousness (345.5)	*	*	*	*	*	*	*	*	*
Infantile spasms (345.6)	*	*	*	*	*	*	*	*	*
Epilepsia partialis continua (345.7)	*	*	*	*	*	*	*	*	*
Other (345.8)	*	*	*	*	*	*	*	*	*
Unspecified (345.9)	.2	.3	.2	.3	.2	.6	.3	.7	.4
Migraine (346)	*	*	*	*	*	*	*	*	*
Classical migraine (346.0)	*	*	*	*	*	*	*	*	*
Common migraine (346.1)	*	*	*	*	*	*	*	*	*
Variants of migraine (346.2)	*	*	*	*	*	*	*	*	*
Other (346.8)	*	*	*	*	*	*	*	*	*
Unspecified (346.9)	*	*	*	*	*	*	*	*	*
Cataplexy and narcolepsy (347)	*	*	*	*	*	*	*	*	*
Other conditions of brain (348)	1.3	1.3	1.2	1.3	1.1	1.8	1.6	2.1	2.0
Cerebral cysts (348.0)	.0	.0	*	.0	*	*	*	*	*
Anoxic brain damage (348.1)	.8	.9	.7	.8	.6	1.1	1.1	1.4	1.3
Benign intracranial hypertension (348.2)	.0	.0	.0	*	*	*	*	*	*
Encephalopathy, unspecified (348.3)	.2	.2	.2	.2	.2	.2	.2	.3	.2
Compression of brain (348.4)	.0	.0	.0	.0	.0	*	*	*	*
Cerebral edema (348.5)	.1	.1	.1	.1	.1	.1	.1	*	*
Other (348.8)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified (348.9)	.1	.1	.1	.1	.1	.1	.1	*	.2
Other and unspecified disorders of the nervous system (349)	.1	.1	.1	.1	.1	*	.1	*	.1
Reaction to spinal or lumbar puncture (349.0)	*	*	*	*	*	*	*	*	*
Nervous system complications from surgically implanted device (349.1)	*	*	*	*	*	*	*	*	*
Disorders of meninges, not elsewhere classified (349.2)	*	*	*	*	*	*	*	*	*
Other (349.8)	.1	.1	.1	.1	.1	*	*	*	*
Unspecified (349.9)	.0	.0	.0	.0	.0	*	*	*	*
Disorders of the peripheral nervous system (350-359)	.8	1.0	.7	1.1	.7	.7	.3	.7	.4
Trigeminal nerve disorders (350)	*	*	*	*	*	*	*	*	*
Other trigeminal neuralgia (350.1)	*	*	*	*	*	*	*	*	*
Atypical face pain (350.2)	*	*	*	*	*	*	*	*	*
Other (350.8)	*	*	*	*	*	*	*	*	*
Unspecified (350.9)	*	*	*	*	*	*	*	*	*
Facial nerve disorders (351)	*	*	*	*	*	*	*	*	*
Bell's palsy (351.0)	*	*	*	*	*	*	*	*	*
Geniculate ganglionitis (351.1)	*	*	*	*	*	*	*	*	*
Other (351.8)	*	*	*	*	*	*	*	*	*
Unspecified (351.9)	*	*	*	*	*	*	*	*	*
Disorders of other cranial nerves (352)	.0	*	*	*	*	*	*	*	*
Disorders of olfactory (1st) nerve (352.0)	*	*	*	*	*	*	*	*	*
Glossopharyngeal neuralgia (352.1)	*	*	*	*	*	*	*	*	*
Other disorders of glossopharyngeal (9th) nerve (352.2)	*	*	*	*	*	*	*	*	*
Disorders of pneumogastric (10th) nerve (352.3)	*	*	*	*	*	*	*	*	*
Disorders of accessory (11th) nerve (352.4)	*	*	*	*	*	*	*	*	*
Disorders of hypoglossal (12th) nerve (352.5)	*	*	*	*	*	*	*	*	*
Multiple cranial nerve palsies (352.6)	*	*	*	*	*	*	*	*	*
Unspecified (352.9)	*	*	*	*	*	*	*	*	*
Nerve root and plexus disorders (353)	*	*	*	*	*	*	*	*	*
Brachial plexus lesions (353.0)	*	*	*	*	*	*	*	*	*
Lumbosacral plexus lesions (353.1)	*	*	*	*	*	*	*	*	*
Cervical root lesions, not elsewhere classified (353.2)	*	*	*	*	*	*	*	*	*
Thoracic root lesions, not elsewhere classified (353.3)	*	*	*	*	*	*	*	*	*
Lumbosacral root lesions, not elsewhere classified (353.4)	*	*	*	*	*	*	*	*	*
Neuralgic amyotrophy (353.5)	*	*	*	*	*	*	*	*	*
Phantom limb syndrome (353.6)	*	*	*	*	*	*	*	*	*
Other (353.8)	*	*	*	*	*	*	*	*	*
Unspecified (353.9)	*	*	*	*	*	*	*	*	*
Mononeuritis of upper limb and mononeuritis multiplex (354)	*	*	*	*	*	*	*	*	*
Carpal tunnel syndrome (354.0)	*	*	*	*	*	*	*	*	*
Other lesion of median nerve (354.1)	*	*	*	*	*	*	*	*	*
Lesion of ulnar nerve (354.2)	*	*	*	*	*	*	*	*	*
Lesion of radial nerve (354.3)	*	*	*	*	*	*	*	*	*
Causalgia (354.4)	*	*	*	*	*	*	*	*	*
Mononeuritis multiplex (354.5)	*	*	*	*	*	*	*	*	*
Other (354.8)	*	*	*	*	*	*	*	*	*
Unspecified (354.9)	*	*	*	*	*	*	*	*	*
Mononeuritis of lower limb (355)	.0	*	.0	*	.0	*	*	*	*
Lesion of sciatic nerve (355.0)	*	*	*	*	*	*	*	*	*
Meralgia paraesthetica (355.1)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Mononeuritis of lower limb-Con.									
Lesion of femoral nerve (355.2)	1	1	-	-	-	1	-	-	-
Lesion of lateral popliteal nerve (355.3)	-	-	-	-	-	-	-	-	-
Lesion of medial popliteal nerve (355.4)	-	-	-	-	-	-	-	-	-
Tarsal tunnel syndrome (355.5)	-	-	-	-	-	-	-	-	-
Lesion of plantar nerve (355.6)	-	-	-	-	-	-	-	-	-
Other (355.7)	-	-	-	-	-	-	-	-	-
Unspecified mononeuritis of lower limb (355.8)	-	-	-	-	-	-	-	-	-
Mononeuritis of unspecified site (355.9)	45	18	27	15	23	3	4	2	2
Hereditary and idiopathic peripheral neuropathy (356)	450	247	203	225	188	22	15	18	14
Hereditary peripheral neuropathy (356.0)	-	-	-	-	-	-	-	-	-
Peroneal muscular atrophy (356.1)	25	15	10	15	10	-	-	-	-
Hereditary sensory neuropathy (356.2)	4	-	4	-	4	-	-	-	-
Refsum's disease (356.3)	-	-	-	-	-	-	-	-	-
Idiopathic progressive polyneuropathy (356.4)	7	4	3	4	3	-	-	-	-
Other (356.8)	320	170	150	155	139	15	11	11	10
Unspecified (356.9)	94	58	36	51	32	7	4	7	4
Inflammatory and toxic neuropathy (357)	220	114	106	102	93	12	13	12	13
Acute infective polyneuritis (357.0)	203	105	98	96	86	9	12	9	12
Alcoholic polyneuropathy (357.5)	5	3	2	1	1	2	1	2	1
Polyneuropathy due to drugs (357.6)	-	-	-	-	-	-	-	-	-
Polyneuropathy due to other toxic agents (357.7)	-	-	-	-	-	-	-	-	-
Other (357.8)	-	-	-	-	-	-	-	-	-
Unspecified (357.9)	12	6	6	5	6	1	-	1	-
Myoneural disorders (358)	407	195	212	179	191	16	21	13	19
Myasthenia gravis (358.0)	266	128	138	120	127	8	11	5	9
Toxic myoneural disorders (358.2)	-	-	-	-	-	-	-	-	-
Other (358.8)	11	6	5	6	5	-	-	-	-
Unspecified (358.9)	130	61	69	53	59	8	10	8	10
Muscular dystrophies and other myopathies (359)	918	643	275	572	256	71	19	61	15
Congenital hereditary muscular dystrophy (359.0)	30	17	13	12	12	5	1	4	1
Hereditary progressive muscular dystrophy (359.1)	599	475	124	425	116	50	8	44	4
Myotonic disorders (359.2)	144	79	65	75	62	4	3	2	3
Familial periodic paralysis (359.3)	2	-	2	-	2	-	-	-	-
Toxic myopathy (359.4)	5	4	1	2	1	2	-	2	-
Other (359.8)	32	17	15	15	12	2	3	2	3
Unspecified (359.9)	106	51	55	43	51	8	4	7	4
Disorders of the eye and adnexa (360-379)	41	12	29	10	20	2	9	2	9
Disorders of the globe (360)	3	2	1	2	-	-	1	-	1
Purulent endophthalmitis (360.0)	1	-	1	-	-	-	1	-	1
Other endophthalmitis (360.1)	-	-	-	-	-	-	-	-	-
Degenerative disorders of globe (360.2)	-	-	-	-	-	-	-	-	-
Hypotony of eye (360.3)	-	-	-	-	-	-	-	-	-
Degenerated conditions of globe (360.4)	2	2	-	2	-	-	-	-	-
Retained (old) intraocular foreign body, magnetic (360.5)	-	-	-	-	-	-	-	-	-
Retained (old) intraocular foreign body, nonmagnetic (360.6)	-	-	-	-	-	-	-	-	-
Other disorders of globe (360.8)	-	-	-	-	-	-	-	-	-
Unspecified (360.9)	-	-	-	-	-	-	-	-	-
Retinal detachments and defects (361)	-	-	-	-	-	-	-	-	-
Retinal detachment with retinal defect (361.0)	-	-	-	-	-	-	-	-	-
Retinoschisis and retinal cysts (361.1)	-	-	-	-	-	-	-	-	-
Serous retinal detachment (361.2)	-	-	-	-	-	-	-	-	-
Retinal defects without detachment (361.3)	-	-	-	-	-	-	-	-	-
Other forms of retinal detachment (361.8)	-	-	-	-	-	-	-	-	-
Unspecified (361.9)	-	-	-	-	-	-	-	-	-
Other retinal disorders (362)	2	1	1	1	1	-	-	-	-
Other background retinopathy and retinal vascular changes (362.1)	-	-	-	-	-	-	-	-	-
Other proliferative retinopathy (362.2)	-	-	-	-	-	-	-	-	-
Retinal vascular occlusion (362.3)	-	-	-	-	-	-	-	-	-
Separation of retinal layers (362.4)	-	-	-	-	-	-	-	-	-
Degeneration of macula and posterior pole (362.5)	1	-	1	-	1	-	-	-	-
Peripheral retinal degenerations (362.6)	-	-	-	-	-	-	-	-	-
Hereditary retinal dystrophies (362.7)	1	1	-	1	-	-	-	-	-
Other retinal disorders (362.8)	-	-	-	-	-	-	-	-	-
Unspecified (362.9)	-	-	-	-	-	-	-	-	-
Chorioretinal inflammations and scars and other disorders of choroid (363)	-	-	-	-	-	-	-	-	-
Focal chorioretinitis and focal retinochoroiditis (363.0)	-	-	-	-	-	-	-	-	-
Disseminated chorioretinitis and disseminated retinochoroiditis (363.1)	-	-	-	-	-	-	-	-	-
Other and unspecified forms of chorioretinitis and retinochoroiditis (363.2)	-	-	-	-	-	-	-	-	-
Chorioretinal scars (363.3)	-	-	-	-	-	-	-	-	-
Choroidal degenerations (363.4)	-	-	-	-	-	-	-	-	-
Hereditary choroidal dystrophies (363.5)	-	-	-	-	-	-	-	-	-
Choroidal hemorrhage and rupture (363.6)	-	-	-	-	-	-	-	-	-
Choroidal detachment (363.7)	-	-	-	-	-	-	-	-	-
Other disorders of choroid (363.8)	-	-	-	-	-	-	-	-	-
Unspecified (363.9)	-	-	-	-	-	-	-	-	-
Disorders of iris and ciliary body (364)	-	-	-	-	-	-	-	-	-
Acute and subacute iridocyclitis (364.0)	-	-	-	-	-	-	-	-	-
Chronic iridocyclitis (364.1)	-	-	-	-	-	-	-	-	-
Certain types of iridocyclitis (364.2)	-	-	-	-	-	-	-	-	-
Unspecified iridocyclitis (364.3)	-	-	-	-	-	-	-	-	-
Vascular disorders of iris and ciliary body (364.4)	-	-	-	-	-	-	-	-	-
Degenerations of iris and ciliary body (364.5)	-	-	-	-	-	-	-	-	-
Cysts of iris, ciliary body, and anterior chamber (364.6)	-	-	-	-	-	-	-	-	-
Adhesions and disruptions of iris and ciliary body (364.7)	-	-	-	-	-	-	-	-	-
Other disorders of iris and ciliary body (364.8)	-	-	-	-	-	-	-	-	-
Unspecified (364.9)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Mononeuritis of lower limb-Con.									
Lesion of femoral nerve (355.2)	*	*	*	*	*	*	*	*	*
Lesion of lateral popliteal nerve (355.3)	*	*	*	*	*	*	*	*	*
Lesion of medial popliteal nerve (355.4)	*	*	*	*	*	*	*	*	*
Tarsal tunnel syndrome (355.5)	*	*	*	*	*	*	*	*	*
Lesion of plantar nerve (355.6)	*	*	*	*	*	*	*	*	*
Other (355.7)	*	*	*	*	*	*	*	*	*
Unspecified mononeuritis of lower limb (355.8)	*	*	*	*	*	*	*	*	*
Mononeuritis of unspecified site (355.9)	0.0	*	0.0	*	0.0	*	*	*	*
Hereditary and idiopathic peripheral neuropathy (356)	.2	0.2	.2	0.2	.2	0.1	*	*	*
Hereditary peripheral neuropathy (356.0)	*	*	*	*	*	*	*	*	*
Peroneal muscular atrophy (356.1)	.0	*	*	*	*	*	*	*	*
Hereditary sensory neuropathy (356.2)	*	*	*	*	*	*	*	*	*
Refsum's disease (356.3)	*	*	*	*	*	*	*	*	*
Idiopathic progressive polyneuropathy (356.4)	*	*	*	*	*	*	*	*	*
Other (356.8)	.1	.1	.1	.2	.1	*	*	*	*
Unspecified (356.9)	.0	.0	.0	.0	.0	*	*	*	*
Inflammatory and toxic neuropathy (357)	.1	.1	.1	.1	.1	*	*	*	*
Acute infective polyneuritis (357.0)	.1	.1	.1	.1	.1	*	*	*	*
Alcoholic polyneuropathy (357.5)	*	*	*	*	*	*	*	*	*
Polyneuropathy due to drugs (357.6)	*	*	*	*	*	*	*	*	*
Polyneuropathy due to other toxic agents (357.7)	*	*	*	*	*	*	*	*	*
Other (357.8)	*	*	*	*	*	*	*	*	*
Unspecified (357.9)	*	*	*	*	*	*	*	*	*
Myoneural disorders (358)	.2	.2	.2	.2	.2	*	0.1	*	*
Myasthenia gravis (358.0)	.1	.1	.1	.1	.1	*	*	*	*
Toxic myoneural disorders (358.2)	*	*	*	*	*	*	*	*	*
Other (358.8)	*	*	*	*	*	*	*	*	*
Unspecified (358.9)	.1	.1	.1	.1	.1	*	*	*	*
Muscular dystrophies and other myopathies (359)	.4	.5	.2	.6	.2	.4	*	0.4	*
Congenital hereditary muscular dystrophy (359.0)	.0	*	*	*	*	*	*	*	*
Hereditary progressive muscular dystrophy (359.1)	.2	.4	.1	.4	.1	.3	*	.3	*
Myotonic disorders (359.2)	.1	.1	.1	.1	.1	*	*	*	*
Familial periodic paralysis (359.3)	*	*	*	*	*	*	*	*	*
Toxic myopathy (359.4)	*	*	*	*	*	*	*	*	*
Other (359.8)	.0	*	*	*	*	*	*	*	*
Unspecified (359.9)	.0	.0	.0	.0	.0	*	*	*	*
Disorders of the eye and adnexa (360-379)	.0	*	.0	*	.0	*	*	*	*
Disorders of the globe (360)	*	*	*	*	*	*	*	*	*
Purulent endophthalmitis (360.0)	*	*	*	*	*	*	*	*	*
Other endophthalmitis (360.1)	*	*	*	*	*	*	*	*	*
Degenerative disorders of globe (360.2)	*	*	*	*	*	*	*	*	*
Hypotony of eye (360.3)	*	*	*	*	*	*	*	*	*
Degenerated conditions of globe (360.4)	*	*	*	*	*	*	*	*	*
Retained (old) intraocular foreign body, magnetic (360.5)	*	*	*	*	*	*	*	*	*
Retained (old) intraocular foreign body, nonmagnetic (360.6)	*	*	*	*	*	*	*	*	*
Other disorders of globe (360.8)	*	*	*	*	*	*	*	*	*
Unspecified (360.9)	*	*	*	*	*	*	*	*	*
Retinal detachments and defects (361)	*	*	*	*	*	*	*	*	*
Retinal detachment with retinal defect (361.0)	*	*	*	*	*	*	*	*	*
Retinoschisis and retinal cysts (361.1)	*	*	*	*	*	*	*	*	*
Serous retinal detachment (361.2)	*	*	*	*	*	*	*	*	*
Retinal defects without detachment (361.3)	*	*	*	*	*	*	*	*	*
Other forms of retinal detachment (361.8)	*	*	*	*	*	*	*	*	*
Unspecified (361.9)	*	*	*	*	*	*	*	*	*
Other retinal disorders (362)	*	*	*	*	*	*	*	*	*
Other background retinopathy and retinal vascular changes (362.1)	*	*	*	*	*	*	*	*	*
Other proliferative retinopathy (362.2)	*	*	*	*	*	*	*	*	*
Retinal vascular occlusion (362.3)	*	*	*	*	*	*	*	*	*
Separation of retinal layers (362.4)	*	*	*	*	*	*	*	*	*
Degeneration of macula and posterior pole (362.5)	*	*	*	*	*	*	*	*	*
Peripheral retinal degenerations (362.6)	*	*	*	*	*	*	*	*	*
Hereditary retinal dystrophies (362.7)	*	*	*	*	*	*	*	*	*
Other retinal disorders (362.8)	*	*	*	*	*	*	*	*	*
Unspecified (362.9)	*	*	*	*	*	*	*	*	*
Chorioretinal inflammations and scars and other disorders of choroid (363)	*	*	*	*	*	*	*	*	*
Focal chorioretinitis and focal retinochoroiditis (363.0)	*	*	*	*	*	*	*	*	*
Disseminated chorioretinitis and disseminated retinochoroiditis (363.1)	*	*	*	*	*	*	*	*	*
Other and unspecified forms of chorioretinitis and retinochoroiditis (363.2)	*	*	*	*	*	*	*	*	*
Chorioretinal scars (363.3)	*	*	*	*	*	*	*	*	*
Choroidal degenerations (363.4)	*	*	*	*	*	*	*	*	*
Hereditary choroidal dystrophies (363.5)	*	*	*	*	*	*	*	*	*
Choroidal hemorrhage and rupture (363.6)	*	*	*	*	*	*	*	*	*
Choroidal detachment (363.7)	*	*	*	*	*	*	*	*	*
Other disorders of choroid (363.8)	*	*	*	*	*	*	*	*	*
Unspecified (363.9)	*	*	*	*	*	*	*	*	*
Disorders of iris and ciliary body (364)	*	*	*	*	*	*	*	*	*
Acute and subacute iridocyclitis (364.0)	*	*	*	*	*	*	*	*	*
Chronic iridocyclitis (364.1)	*	*	*	*	*	*	*	*	*
Certain types of iridocyclitis (364.2)	*	*	*	*	*	*	*	*	*
Unspecified iridocyclitis (364.3)	*	*	*	*	*	*	*	*	*
Vascular disorders of iris and ciliary body (364.4)	*	*	*	*	*	*	*	*	*
Degenerations of iris and ciliary body (364.5)	*	*	*	*	*	*	*	*	*
Cysts of iris, ciliary body, and anterior chamber (364.6)	*	*	*	*	*	*	*	*	*
Adhesions and disruptions of iris and ciliary body (364.7)	*	*	*	*	*	*	*	*	*
Other disorders of iris and ciliary body (364.8)	*	*	*	*	*	*	*	*	*
Unspecified (364.9)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Disorders of the eye and adnexa-Con.									
Glaucoma (365)	5	1	4	1	2	-	2	-	2
Borderline glaucoma (365.0)	-	-	-	-	-	-	-	-	-
Open-angle glaucoma (365.1)	-	-	-	-	-	-	-	-	-
Primary angle-closure glaucoma (365.2)	1	-	1	-	1	-	-	-	-
Corticosteroid-induced glaucoma (365.3)	-	-	-	-	-	-	-	-	-
Glaucoma associated with congenital anomalies, with dystrophies, and with systemic syndromes (365.4)	-	-	-	-	-	-	-	-	-
Glaucoma associated with disorders of the lens (365.5)	-	-	-	-	-	-	-	-	-
Glaucoma associated with other ocular disorders (365.6)	-	-	-	-	-	-	-	-	-
Other glaucoma (365.8)	-	-	-	-	-	-	-	-	-
Unspecified (365.9)	4	1	3	1	1	-	2	-	2
Cataract (366)	2	1	1	1	1	-	-	-	-
Infantile, juvenile, and presenile cataract (366.0)	-	-	-	-	-	-	-	-	-
Senile cataract (366.1)	-	-	-	-	-	-	-	-	-
Traumatic cataract (366.2)	-	-	-	-	-	-	-	-	-
Cataract secondary to ocular disorders (366.3)	-	-	-	-	-	-	-	-	-
Cataract associated with other disorders (366.4)	-	-	-	-	-	-	-	-	-
After-cataract (366.5)	-	-	-	-	-	-	-	-	-
Other cataract (366.8)	-	-	-	-	-	-	-	-	-
Unspecified (366.9)	2	1	1	1	1	-	-	-	-
Disorders of refraction and accommodation (367)	-	-	-	-	-	-	-	-	-
Hypermetropia (367.0)	-	-	-	-	-	-	-	-	-
Myopia (367.1)	-	-	-	-	-	-	-	-	-
Astigmatism (367.2)	-	-	-	-	-	-	-	-	-
Anisometropia and aniseikonia (367.3)	-	-	-	-	-	-	-	-	-
Presbyopia (367.4)	-	-	-	-	-	-	-	-	-
Disorders of accommodation (367.5)	-	-	-	-	-	-	-	-	-
Other (367.8)	-	-	-	-	-	-	-	-	-
Unspecified (367.9)	-	-	-	-	-	-	-	-	-
Visual disturbances (368)	1	1	-	1	-	-	-	-	-
Amblyopia ex anopsia (368.0)	-	-	-	-	-	-	-	-	-
Subjective visual disturbances (368.1)	-	-	-	-	-	-	-	-	-
Diplopia (368.2)	-	-	-	-	-	-	-	-	-
Other disorders of binocular vision (368.3)	-	-	-	-	-	-	-	-	-
Visual field defects (368.4)	-	-	-	-	-	-	-	-	-
Color vision deficiencies (368.5)	-	-	-	-	-	-	-	-	-
Night blindness (368.6)	-	-	-	-	-	-	-	-	-
Other visual disturbances (368.8)	1	1	-	1	-	-	-	-	-
Unspecified (368.9)	-	-	-	-	-	-	-	-	-
Blindness and low vision (369)	10	1	9	1	6	-	3	-	3
Blindness, both eyes (369.0)	10	1	9	1	6	-	3	-	3
Blindness, one eye, low vision, other eye (369.1)	-	-	-	-	-	-	-	-	-
Low vision, both eyes (369.2)	-	-	-	-	-	-	-	-	-
Unqualified visual loss, both eyes (369.3)	-	-	-	-	-	-	-	-	-
Blindness, one eye (369.6)	-	-	-	-	-	-	-	-	-
Low vision, one eye (369.7)	-	-	-	-	-	-	-	-	-
Unqualified visual loss, one eye (369.8)	-	-	-	-	-	-	-	-	-
Unspecified visual loss (369.9)	-	-	-	-	-	-	-	-	-
Keratitis (370)	1	-	1	-	1	-	-	-	-
Corneal ulcer (370.0)	-	-	-	-	-	-	-	-	-
Other superficial keratitis without conjunctivitis (370.2)	-	-	-	-	-	-	-	-	-
Certain types of keratoconjunctivitis (370.3)	-	-	-	-	-	-	-	-	-
Other and unspecified keratoconjunctivitis (370.4)	-	-	-	-	-	-	-	-	-
Interstitial and deep keratitis (370.5)	-	-	-	-	-	-	-	-	-
Corneal neovascularization (370.6)	-	-	-	-	-	-	-	-	-
Other forms of keratitis (370.8)	-	-	-	-	-	-	-	-	-
Unspecified (370.9)	1	-	1	-	1	-	-	-	-
Corneal opacity and other disorders of cornea (371)	-	-	-	-	-	-	-	-	-
Corneal scars and opacities (371.0)	-	-	-	-	-	-	-	-	-
Corneal pigmentations and deposits (371.1)	-	-	-	-	-	-	-	-	-
Corneal edema (371.2)	-	-	-	-	-	-	-	-	-
Changes of corneal membranes (371.3)	-	-	-	-	-	-	-	-	-
Corneal degenerations (371.4)	-	-	-	-	-	-	-	-	-
Hereditary corneal dystrophies (371.5)	-	-	-	-	-	-	-	-	-
Keratoconus (371.6)	-	-	-	-	-	-	-	-	-
Other corneal deformities (371.7)	-	-	-	-	-	-	-	-	-
Other corneal disorders (371.8)	-	-	-	-	-	-	-	-	-
Unspecified (371.9)	-	-	-	-	-	-	-	-	-
Disorders of conjunctiva (372)	2	2	-	-	-	2	-	2	-
Acute conjunctivitis (372.0)	1	1	-	-	-	1	-	1	-
Chronic conjunctivitis (372.1)	-	-	-	-	-	-	-	-	-
Blepharoconjunctivitis (372.2)	-	-	-	-	-	-	-	-	-
Other and unspecified conjunctivitis (372.3)	-	-	-	-	-	-	-	-	-
Pterygium (372.4)	1	1	-	-	-	1	-	1	-
Conjunctival degenerations and deposits (372.5)	-	-	-	-	-	-	-	-	-
Conjuntival scars (372.6)	-	-	-	-	-	-	-	-	-
Conjunctival vascular disorders and cysts (372.7)	-	-	-	-	-	-	-	-	-
Other disorders of conjunctiva (372.8)	-	-	-	-	-	-	-	-	-
Unspecified (372.9)	-	-	-	-	-	-	-	-	-
Inflammation of eyelids (373)	1	-	1	-	1	-	-	-	-
Blepharitis (373.0)	-	-	-	-	-	-	-	-	-
Hordeolum and other deep inflammation of eyelid (373.1)	1	-	1	-	1	-	-	-	-
Chalazion (373.2)	-	-	-	-	-	-	-	-	-
Noninfectious dermatoses of eyelid (373.3)	-	-	-	-	-	-	-	-	-
Other (373.8)	-	-	-	-	-	-	-	-	-
Unspecified (373.9)	-	-	-	-	-	-	-	-	-
Other disorders of eyelids (374)	-	-	-	-	-	-	-	-	-
Entropion and trichiasis of eyelid (374.0)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

(Page 54 of 140)

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Disorders of the eye and adnexa-Con.									
Glaucoma (365)	*	*	*	*	*	*	*	*	*
Borderline glaucoma (365.0)	*	*	*	*	*	*	*	*	*
Open-angle glaucoma (365.1)	*	*	*	*	*	*	*	*	*
Primary angle-closure glaucoma (365.2)	*	*	*	*	*	*	*	*	*
Corticosteroid-induced glaucoma (365.3)	*	*	*	*	*	*	*	*	*
Glaucoma associated with congenital anomalies, with dystrophies, and with systemic syndromes (365.4)	*	*	*	*	*	*	*	*	*
Glaucoma associated with disorders of the lens (365.5)	*	*	*	*	*	*	*	*	*
Glaucoma associated with other ocular disorders (365.6)	*	*	*	*	*	*	*	*	*
Other glaucoma (365.8)	*	*	*	*	*	*	*	*	*
Unspecified (365.9)	*	*	*	*	*	*	*	*	*
Cataract (366)	*	*	*	*	*	*	*	*	*
Infantile, juvenile, and presenile cataract (366.0)	*	*	*	*	*	*	*	*	*
Senile cataract (366.1)	*	*	*	*	*	*	*	*	*
Traumatic cataract (366.2)	*	*	*	*	*	*	*	*	*
Cataract secondary to ocular disorders (366.3)	*	*	*	*	*	*	*	*	*
Cataract associated with other disorders (366.4)	*	*	*	*	*	*	*	*	*
After-cataract (366.5)	*	*	*	*	*	*	*	*	*
Other cataract (366.8)	*	*	*	*	*	*	*	*	*
Unspecified (366.9)	*	*	*	*	*	*	*	*	*
Disorders of refraction and accommodation (367)	*	*	*	*	*	*	*	*	*
Hypermetropia (367.0)	*	*	*	*	*	*	*	*	*
Myopia (367.1)	*	*	*	*	*	*	*	*	*
Astigmatism (367.2)	*	*	*	*	*	*	*	*	*
Anisometropia and aniseikonia (367.3)	*	*	*	*	*	*	*	*	*
Presbyopia (367.4)	*	*	*	*	*	*	*	*	*
Disorders of accommodation (367.5)	*	*	*	*	*	*	*	*	*
Other (367.8)	*	*	*	*	*	*	*	*	*
Unspecified (367.9)	*	*	*	*	*	*	*	*	*
Visual disturbances (368)	*	*	*	*	*	*	*	*	*
Amblyopia ex anopsia (368.0)	*	*	*	*	*	*	*	*	*
Subjective visual disturbances (368.1)	*	*	*	*	*	*	*	*	*
Diplopia (368.2)	*	*	*	*	*	*	*	*	*
Other disorders of binocular vision (368.3)	*	*	*	*	*	*	*	*	*
Visual field defects (368.4)	*	*	*	*	*	*	*	*	*
Color vision deficiencies (368.5)	*	*	*	*	*	*	*	*	*
Night blindness (368.6)	*	*	*	*	*	*	*	*	*
Other visual disturbances (368.8)	*	*	*	*	*	*	*	*	*
Unspecified (368.9)	*	*	*	*	*	*	*	*	*
Blindness and low vision (369)	*	*	*	*	*	*	*	*	*
Blindness, both eyes (369.0)	*	*	*	*	*	*	*	*	*
Blindness, one eye, low vision, other eye (369.1)	*	*	*	*	*	*	*	*	*
Low vision, both eyes (369.2)	*	*	*	*	*	*	*	*	*
Unqualified visual loss, both eyes (369.3)	*	*	*	*	*	*	*	*	*
Blindness, one eye (369.6)	*	*	*	*	*	*	*	*	*
Low vision, one eye (369.7)	*	*	*	*	*	*	*	*	*
Unqualified visual loss, one eye (369.8)	*	*	*	*	*	*	*	*	*
Unspecified visual loss (369.9)	*	*	*	*	*	*	*	*	*
Keratitis (370)	*	*	*	*	*	*	*	*	*
Corneal ulcer (370.0)	*	*	*	*	*	*	*	*	*
Other superficial keratitis without conjunctivitis (370.2)	*	*	*	*	*	*	*	*	*
Certain types of keratoconjunctivitis (370.3)	*	*	*	*	*	*	*	*	*
Other and unspecified keratoconjunctivitis (370.4)	*	*	*	*	*	*	*	*	*
Interstitial and deep keratitis (370.5)	*	*	*	*	*	*	*	*	*
Corneal neovascularization (370.6)	*	*	*	*	*	*	*	*	*
Other forms of keratitis (370.8)	*	*	*	*	*	*	*	*	*
Unspecified (370.9)	*	*	*	*	*	*	*	*	*
Corneal opacity and other disorders of cornea (371)	*	*	*	*	*	*	*	*	*
Corneal scars and opacities (371.0)	*	*	*	*	*	*	*	*	*
Corneal pigmentations and deposits (371.1)	*	*	*	*	*	*	*	*	*
Corneal edema (371.2)	*	*	*	*	*	*	*	*	*
Changes of corneal membranes (371.3)	*	*	*	*	*	*	*	*	*
Corneal degenerations (371.4)	*	*	*	*	*	*	*	*	*
Hereditary corneal dystrophies (371.5)	*	*	*	*	*	*	*	*	*
Keratoconus (371.6)	*	*	*	*	*	*	*	*	*
Other corneal deformities (371.7)	*	*	*	*	*	*	*	*	*
Other corneal disorders (371.8)	*	*	*	*	*	*	*	*	*
Unspecified (371.9)	*	*	*	*	*	*	*	*	*
Disorders of conjunctiva (372)	*	*	*	*	*	*	*	*	*
Acute conjunctivitis (372.0)	*	*	*	*	*	*	*	*	*
Chronic conjunctivitis (372.1)	*	*	*	*	*	*	*	*	*
Blepharoconjunctivitis (372.2)	*	*	*	*	*	*	*	*	*
Other and unspecified conjunctivitis (372.3)	*	*	*	*	*	*	*	*	*
Pterygium (372.4)	*	*	*	*	*	*	*	*	*
Conjunctival degenerations and deposits (372.5)	*	*	*	*	*	*	*	*	*
Conjuntival scars (372.6)	*	*	*	*	*	*	*	*	*
Conjunctival vascular disorders and cysts (372.7)	*	*	*	*	*	*	*	*	*
Other disorders of conjunctiva (372.8)	*	*	*	*	*	*	*	*	*
Unspecified (372.9)	*	*	*	*	*	*	*	*	*
Inflammation of eyelids (373)	*	*	*	*	*	*	*	*	*
Blepharitis (373.0)	*	*	*	*	*	*	*	*	*
Hordeolum and other deep inflammation of eyelid (373.1)	*	*	*	*	*	*	*	*	*
Chalazion (373.2)	*	*	*	*	*	*	*	*	*
Noninfectious dermatoses of eyelid (373.3)	*	*	*	*	*	*	*	*	*
Other (373.8)	*	*	*	*	*	*	*	*	*
Unspecified (373.9)	*	*	*	*	*	*	*	*	*
Other disorders of eyelids (374)	*	*	*	*	*	*	*	*	*
Entropion and trichiasis of eyelid (374.0)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other disorders of eyelids-Con.									
Ectropion (374.1)	-	-	-	-	-	-	-	-	-
Lagophthalmos (374.2)	-	-	-	-	-	-	-	-	-
Ptosis of eyelid (374.3)	-	-	-	-	-	-	-	-	-
Other disorders affecting eyelid function (374.4)	-	-	-	-	-	-	-	-	-
Degenerative disorders of eyelids and periocular area (374.5)	-	-	-	-	-	-	-	-	-
Other disorders of eyelid (374.8)	-	-	-	-	-	-	-	-	-
Unspecified (374.9)	-	-	-	-	-	-	-	-	-
Disorders of lacrimal system (375)	-	-	-	-	-	-	-	-	-
Dacryoadenitis (375.0)	-	-	-	-	-	-	-	-	-
Other disorders of lacrimal gland (375.1)	-	-	-	-	-	-	-	-	-
Epiphora (375.2)	-	-	-	-	-	-	-	-	-
Acute and unspecified inflammation of lacrimal passages (375.3)	-	-	-	-	-	-	-	-	-
Chronic inflammation of lacrimal passages (375.4)	-	-	-	-	-	-	-	-	-
Stenosis and insufficiency of lacrimal passages (375.5)	-	-	-	-	-	-	-	-	-
Other changes of lacrimal passages (375.6)	-	-	-	-	-	-	-	-	-
Other disorders of lacrimal system (375.8)	-	-	-	-	-	-	-	-	-
Unspecified (375.9)	-	-	-	-	-	-	-	-	-
Disorders of the orbit (376)	9	3	6	3	4	-	2	-	2
Acute inflammation of orbit (376.0)	8	3	5	3	4	-	1	-	1
Chronic inflammatory disorders of orbit (376.1)	-	-	-	-	-	-	-	-	-
Other exophthalmic conditions (376.3)	1	-	1	-	-	-	1	-	1
Deformity of orbit (376.4)	-	-	-	-	-	-	-	-	-
Enophthalmos (376.5)	-	-	-	-	-	-	-	-	-
Retained (old) foreign body following penetrating wound of orbit (376.6)	-	-	-	-	-	-	-	-	-
Other disorders of orbit (376.8)	-	-	-	-	-	-	-	-	-
Unspecified (376.9)	-	-	-	-	-	-	-	-	-
Disorders of optic nerve and visual pathways (377)	1	-	1	-	1	-	-	-	-
Papilledema (377.0)	-	-	-	-	-	-	-	-	-
Optic atrophy (377.1)	-	-	-	-	-	-	-	-	-
Other disorders of optic disc (377.2)	-	-	-	-	-	-	-	-	-
Optic neuritis (377.3)	1	-	1	-	1	-	-	-	-
Other disorders of optic nerve (377.4)	-	-	-	-	-	-	-	-	-
Disorders of optic chiasm (377.5)	-	-	-	-	-	-	-	-	-
Disorders of other visual pathways (377.6)	-	-	-	-	-	-	-	-	-
Disorders of visual cortex (377.7)	-	-	-	-	-	-	-	-	-
Unspecified (377.9)	-	-	-	-	-	-	-	-	-
Strabismus and other disorders of binocular eye movements (378)	3	-	3	-	3	-	-	-	-
Convergent concomitant strabismus (378.0)	-	-	-	-	-	-	-	-	-
Divergent concomitant strabismus (378.1)	1	-	1	-	1	-	-	-	-
Intermittent heterotropia (378.2)	-	-	-	-	-	-	-	-	-
Other and unspecified heterotropia (378.3)	-	-	-	-	-	-	-	-	-
Heterophoria (378.4)	-	-	-	-	-	-	-	-	-
Paralytic strabismus (378.5)	1	-	1	-	1	-	-	-	-
Mechanical strabismus (378.6)	-	-	-	-	-	-	-	-	-
Other strabismus (378.7)	-	-	-	-	-	-	-	-	-
Other disorders of binocular eye movements (378.8)	-	-	-	-	-	-	-	-	-
Unspecified (378.9)	1	-	1	-	1	-	-	-	-
Other disorders of eye (379)	1	-	1	-	-	-	1	-	1
Scleritis and episcleritis (379.0)	-	-	-	-	-	-	-	-	-
Other disorders of sclera (379.1)	-	-	-	-	-	-	-	-	-
Disorders of vitreous body (379.2)	1	-	1	-	-	-	1	-	1
Aphakia and other disorders of lens (379.3)	-	-	-	-	-	-	-	-	-
Anomalies of pupillary function (379.4)	-	-	-	-	-	-	-	-	-
Nystagmus and other irregular eye movements (379.5)	-	-	-	-	-	-	-	-	-
Other disorders of eye and adnexa (379.8)	-	-	-	-	-	-	-	-	-
Unspecified (379.9)	-	-	-	-	-	-	-	-	-
Diseases of the ear and mastoid process (380-389)	76	43	33	32	24	11	9	11	7
Disorders of external ear (380)	4	3	1	2	1	1	-	1	-
Perichondritis of pinna (380.0)	-	-	-	-	-	-	-	-	-
Infective otitis externa (380.1)	4	3	1	2	1	1	-	1	-
Other otitis externa (380.2)	-	-	-	-	-	-	-	-	-
Noninfective disorders of pinna (380.3)	-	-	-	-	-	-	-	-	-
Impacted cerumen (380.4)	-	-	-	-	-	-	-	-	-
Acquired stenosis of external ear canal (380.5)	-	-	-	-	-	-	-	-	-
Other disorders of external ear (380.8)	-	-	-	-	-	-	-	-	-
Unspecified (380.9)	-	-	-	-	-	-	-	-	-
Nonsuppurative otitis media and Eustachian tube disorders (381)	-	-	-	-	-	-	-	-	-
Acute nonsuppurative otitis media (381.0)	-	-	-	-	-	-	-	-	-
Chronic serous otitis media (381.1)	-	-	-	-	-	-	-	-	-
Chronic mucoid otitis media (381.2)	-	-	-	-	-	-	-	-	-
Other and unspecified chronic nonsuppurative otitis media (381.3)	-	-	-	-	-	-	-	-	-
Nonsuppurative otitis media, not specified as acute or chronic (381.4)	-	-	-	-	-	-	-	-	-
Eustachian salpingitis (381.5)	-	-	-	-	-	-	-	-	-
Obstruction of Eustachian tube (381.6)	-	-	-	-	-	-	-	-	-
Patulous Eustachian tube (381.7)	-	-	-	-	-	-	-	-	-
Other disorders of Eustachian tube (381.8)	-	-	-	-	-	-	-	-	-
Unspecified Eustachian tube disorder (381.9)	-	-	-	-	-	-	-	-	-
Suppurative and unspecified otitis media (382)	51	28	23	21	18	7	5	7	3
Acute suppurative otitis media (382.0)	3	3	-	2	-	1	-	1	-
Chronic tubotympanic suppurative otitis media (382.1)	-	-	-	-	-	-	-	-	-
Chronic atticoantral suppurative otitis media (382.2)	-	-	-	-	-	-	-	-	-
Unspecified chronic suppurative otitis media (382.3)	-	-	-	-	-	-	-	-	-
Unspecified suppurative otitis media (382.4)	6	4	2	2	2	2	-	2	-
Unspecified otitis media (382.9)	42	21	21	17	16	4	5	4	3
Mastoiditis and related conditions (383)	12	7	5	4	2	3	3	3	3
Acute mastoiditis (383.0)	2	-	2	-	1	-	1	-	1
Chronic mastoiditis (383.1)	1	-	1	-	1	-	-	-	-
Petrositis (383.2)	1	1	-	1	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other disorders of eyelids-Con.									
Ectropion (374.1)	*	*	*	*	*	*	*	*	*
Lagophthalmos (374.2)	*	*	*	*	*	*	*	*	*
Ptosis of eyelid (374.3)	*	*	*	*	*	*	*	*	*
Other disorders affecting eyelid function (374.4)	*	*	*	*	*	*	*	*	*
Degenerative disorders of eyelids and periocular area (374.5)	*	*	*	*	*	*	*	*	*
Other disorders of eyelid (374.8)	*	*	*	*	*	*	*	*	*
Unspecified (374.9)	*	*	*	*	*	*	*	*	*
Disorders of lacrimal system (375)	*	*	*	*	*	*	*	*	*
Dacryoadenitis (375.0)	*	*	*	*	*	*	*	*	*
Other disorders of lacrimal gland (375.1)	*	*	*	*	*	*	*	*	*
Epiphora (375.2)	*	*	*	*	*	*	*	*	*
Acute and unspecified inflammation of lacrimal passages (375.3)	*	*	*	*	*	*	*	*	*
Chronic inflammation of lacrimal passages (375.4)	*	*	*	*	*	*	*	*	*
Stenosis and insufficiency of lacrimal passages (375.5)	*	*	*	*	*	*	*	*	*
Other changes of lacrimal passages (375.6)	*	*	*	*	*	*	*	*	*
Other disorders of lacrimal system (375.8)	*	*	*	*	*	*	*	*	*
Unspecified (375.9)	*	*	*	*	*	*	*	*	*
Disorders of the orbit (376)	*	*	*	*	*	*	*	*	*
Acute inflammation of orbit (376.0)	*	*	*	*	*	*	*	*	*
Chronic inflammatory disorders of orbit (376.1)	*	*	*	*	*	*	*	*	*
Other exophthalmic conditions (376.3)	*	*	*	*	*	*	*	*	*
Deformity of orbit (376.4)	*	*	*	*	*	*	*	*	*
Enophthalmos (376.5)	*	*	*	*	*	*	*	*	*
Retained (old) foreign body following penetrating wound of orbit (376.6)	*	*	*	*	*	*	*	*	*
Other disorders of orbit (376.8)	*	*	*	*	*	*	*	*	*
Unspecified (376.9)	*	*	*	*	*	*	*	*	*
Disorders of optic nerve and visual pathways (377)	*	*	*	*	*	*	*	*	*
Papilledema (377.0)	*	*	*	*	*	*	*	*	*
Optic atrophy (377.1)	*	*	*	*	*	*	*	*	*
Other disorders of optic disc (377.2)	*	*	*	*	*	*	*	*	*
Optic neuritis (377.3)	*	*	*	*	*	*	*	*	*
Other disorders of optic nerve (377.4)	*	*	*	*	*	*	*	*	*
Disorders of optic chiasm (377.5)	*	*	*	*	*	*	*	*	*
Disorders of other visual pathways (377.6)	*	*	*	*	*	*	*	*	*
Disorders of visual cortex (377.7)	*	*	*	*	*	*	*	*	*
Unspecified (377.9)	*	*	*	*	*	*	*	*	*
Strabismus and other disorders of binocular eye movements (378)	*	*	*	*	*	*	*	*	*
Convergent concomitant strabismus (378.0)	*	*	*	*	*	*	*	*	*
Divergent concomitant strabismus (378.1)	*	*	*	*	*	*	*	*	*
Intermittent heterotropia (378.2)	*	*	*	*	*	*	*	*	*
Other and unspecified heterotropia (378.3)	*	*	*	*	*	*	*	*	*
Heterophoria (378.4)	*	*	*	*	*	*	*	*	*
Paralytic strabismus (378.5)	*	*	*	*	*	*	*	*	*
Mechanical strabismus (378.6)	*	*	*	*	*	*	*	*	*
Other strabismus (378.7)	*	*	*	*	*	*	*	*	*
Other disorders of binocular eye movements (378.8)	*	*	*	*	*	*	*	*	*
Unspecified (378.9)	*	*	*	*	*	*	*	*	*
Other disorders of eye (379)	*	*	*	*	*	*	*	*	*
Scleritis and episcleritis (379.0)	*	*	*	*	*	*	*	*	*
Other disorders of sclera (379.1)	*	*	*	*	*	*	*	*	*
Disorders of vitreous body (379.2)	*	*	*	*	*	*	*	*	*
Aphakia and other disorders of lens (379.3)	*	*	*	*	*	*	*	*	*
Anomalies of pupillary function (379.4)	*	*	*	*	*	*	*	*	*
Nystagmus and other irregular eye movements (379.5)	*	*	*	*	*	*	*	*	*
Other disorders of eye and adnexa (379.8)	*	*	*	*	*	*	*	*	*
Unspecified (379.9)	*	*	*	*	*	*	*	*	*
Diseases of the ear and mastoid process (380-389)	0.0	0.0	0.0	0.0	0.0	*	*	*	*
Disorders of external ear (380)	*	*	*	*	*	*	*	*	*
Perichondritis of pinna (380.0)	*	*	*	*	*	*	*	*	*
Infective otitis externa (380.1)	*	*	*	*	*	*	*	*	*
Other otitis externa (380.2)	*	*	*	*	*	*	*	*	*
Noninfective disorders of pinna (380.3)	*	*	*	*	*	*	*	*	*
Impacted cerumen (380.4)	*	*	*	*	*	*	*	*	*
Acquired stenosis of external ear canal (380.5)	*	*	*	*	*	*	*	*	*
Other disorders of external ear (380.8)	*	*	*	*	*	*	*	*	*
Unspecified (380.9)	*	*	*	*	*	*	*	*	*
Nonsuppurative otitis media and Eustachian tube disorders (381)	*	*	*	*	*	*	*	*	*
Acute nonsuppurative otitis media (381.0)	*	*	*	*	*	*	*	*	*
Chronic serous otitis media (381.1)	*	*	*	*	*	*	*	*	*
Chronic mucoid otitis media (381.2)	*	*	*	*	*	*	*	*	*
Other and unspecified chronic nonsuppurative otitis media (381.3)	*	*	*	*	*	*	*	*	*
Nonsuppurative otitis media, not specified as acute or chronic (381.4)	*	*	*	*	*	*	*	*	*
Eustachian salpingitis (381.5)	*	*	*	*	*	*	*	*	*
Obstruction of Eustachian tube (381.6)	*	*	*	*	*	*	*	*	*
Patulous Eustachian tube (381.7)	*	*	*	*	*	*	*	*	*
Other disorders of Eustachian tube (381.8)	*	*	*	*	*	*	*	*	*
Unspecified Eustachian tube disorder (381.9)	*	*	*	*	*	*	*	*	*
Suppurative and unspecified otitis media (382)	.0	.0	.0	.0	*	*	*	*	*
Acute suppurative otitis media (382.0)	*	*	*	*	*	*	*	*	*
Chronic tubotympanic suppurative otitis media (382.1)	*	*	*	*	*	*	*	*	*
Chronic atticoantral suppurative otitis media (382.2)	*	*	*	*	*	*	*	*	*
Unspecified chronic suppurative otitis media (382.3)	*	*	*	*	*	*	*	*	*
Unspecified suppurative otitis media (382.4)	*	*	*	*	*	*	*	*	*
Unspecified otitis media (382.9)	.0	.0	.0	*	*	*	*	*	*
Mastoiditis and related conditions (383)	*	*	*	*	*	*	*	*	*
Acute mastoiditis (383.0)	*	*	*	*	*	*	*	*	*
Chronic mastoiditis (383.1)	*	*	*	*	*	*	*	*	*
Petrositis (383.2)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Mastoiditis and related conditions-Con.									
Other (383.8)	-	-	-	-	-	-	-	-	-
Unspecified mastoiditis (383.9)	8	6	2	3	-	3	2	3	2
Other disorders of tympanic membrane (384)	2	2	-	2	-	-	-	-	-
Acute myringitis without mention of otitis media (384.0)	-	-	-	-	-	-	-	-	-
Chronic myringitis without mention of otitis media (384.1)	1	1	-	1	-	-	-	-	-
Perforation of tympanic membrane (384.2)	-	-	-	-	-	-	-	-	-
Other (384.8)	1	1	-	1	-	-	-	-	-
Unspecified (384.9)	-	-	-	-	-	-	-	-	-
Other disorders of middle ear and mastoid (385)	1	-	1	-	-	-	1	-	1
Tympanosclerosis (385.0)	-	-	-	-	-	-	-	-	-
Adhesive middle ear disease (385.1)	-	-	-	-	-	-	-	-	-
Other acquired abnormality of ear ossicles (385.2)	-	-	-	-	-	-	-	-	-
Cholesteatoma of middle ear and mastoid (385.3)	1	-	1	-	-	-	1	-	1
Other (385.8)	-	-	-	-	-	-	-	-	-
Unspecified (385.9)	-	-	-	-	-	-	-	-	-
Vertiginous syndromes and other disorders of vestibular system (386)	3	2	1	2	1	-	-	-	-
Meniere's disease (386.0)	2	1	1	1	1	-	-	-	-
Other and unspecified peripheral vertigo (386.1)	-	-	-	-	-	-	-	-	-
Vertigo of central origin (386.2)	-	-	-	-	-	-	-	-	-
Labyrinthitis (386.3)	1	1	-	1	-	-	-	-	-
Labyrinthine fistula (386.4)	-	-	-	-	-	-	-	-	-
Labyrinthine dysfunction (386.5)	-	-	-	-	-	-	-	-	-
Other disorders of labyrinth (386.8)	-	-	-	-	-	-	-	-	-
Unspecified vertiginous syndromes and labyrinthine disorders (386.9)	-	-	-	-	-	-	-	-	-
Otosclerosis (387)	-	-	-	-	-	-	-	-	-
Otosclerosis involving oval window, nonobliterative (387.0)	-	-	-	-	-	-	-	-	-
Otosclerosis involving oval window, obliterative (387.1)	-	-	-	-	-	-	-	-	-
Cochlear otosclerosis (387.2)	-	-	-	-	-	-	-	-	-
Other (387.8)	-	-	-	-	-	-	-	-	-
Unspecified (387.9)	-	-	-	-	-	-	-	-	-
Other disorders of ear (388)	-	-	-	-	-	-	-	-	-
Degenerative and vascular disorders of ear (388.0)	-	-	-	-	-	-	-	-	-
Noise effects on inner ear (388.1)	-	-	-	-	-	-	-	-	-
Sudden hearing loss, unspecified (388.2)	-	-	-	-	-	-	-	-	-
Tinnitus (388.3)	-	-	-	-	-	-	-	-	-
Other abnormal auditory perception (388.4)	-	-	-	-	-	-	-	-	-
Disorders of acoustic nerve (388.5)	-	-	-	-	-	-	-	-	-
Otorrhea (388.6)	-	-	-	-	-	-	-	-	-
Otalgia (388.7)	-	-	-	-	-	-	-	-	-
Other (388.8)	-	-	-	-	-	-	-	-	-
Unspecified (388.9)	-	-	-	-	-	-	-	-	-
Deafness (389)	3	1	2	1	2	-	-	-	-
Conductive deafness (389.0)	-	-	-	-	-	-	-	-	-
Sensorineural deafness (389.1)	-	-	-	-	-	-	-	-	-
Mixed conductive and sensorineural deafness (389.2)	-	-	-	-	-	-	-	-	-
Deaf mutism, not elsewhere classified (389.7)	-	-	-	-	-	-	-	-	-
Other specified forms of deafness (389.8)	-	-	-	-	-	-	-	-	-
Unspecified deafness (389.9)	3	1	2	1	2	-	-	-	-
VII. Diseases of the circulatory system (390-459)									
Acute rheumatic fever (390-392)	66	32	34	26	26	6	8	6	8
Rheumatic fever without mention of heart involvement (390)	6	3	3	3	2	-	1	-	1
Rheumatic fever with heart involvement (391)	60	29	31	23	24	6	7	6	7
Acute rheumatic pericarditis (391.0)	30	17	13	11	8	6	5	6	5
Acute rheumatic endocarditis (391.1)	18	6	12	6	12	-	-	-	-
Acute rheumatic myocarditis (391.2)	-	-	-	-	-	-	-	-	-
Other acute rheumatic heart disease (391.8)	4	2	2	2	1	-	1	-	1
Acute rheumatic heart disease, unspecified (391.9)	8	4	4	4	3	-	1	-	1
Rheumatic chorea (392)	-	-	-	-	-	-	-	-	-
With heart involvement (392.0)	-	-	-	-	-	-	-	-	-
Without mention of heart involvement (392.9)	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (393-398)	5,952	1,798	4,154	1,629	3,802	169	352	140	282
Chronic rheumatic pericarditis (393)	3	2	1	2	1	-	-	-	-
Diseases of mitral valve (394)	2,690	740	1,950	675	1,768	65	182	52	138
Mitral stenosis (394.0)	895	159	736	145	678	14	58	11	42
Rheumatic mitral insufficiency (394.1)	158	46	112	43	102	3	10	2	8
Mitral stenosis with insufficiency (394.2)	83	14	69	12	63	2	6	2	3
Other and unspecified (394.9)	1,554	521	1,033	475	925	46	108	37	85
Diseases of aortic valve (395)	173	77	96	66	92	11	4	11	4
Rheumatic aortic stenosis (395.0)	91	31	60	29	60	2	-	2	-
Rheumatic aortic insufficiency (395.1)	19	13	6	10	5	3	1	3	1
Rheumatic aortic stenosis with insufficiency (395.2)	9	7	2	6	2	1	-	1	-
Other and unspecified (395.9)	54	26	28	21	25	5	3	5	3
Diseases of mitral and aortic valves (396)	1,105	389	716	353	665	36	51	32	46
Diseases of other endocardial structures (397)	515	181	334	156	295	25	39	20	33
Diseases of tricuspid valve (397.0)	143	57	86	46	74	11	12	9	11
Rheumatic diseases of pulmonary valve (397.1)	3	1	2	1	2	-	-	-	-
Rheumatic diseases of endocardium, valve unspecified (397.9)	369	123	246	109	219	14	27	11	22

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Mastoiditis and related conditions-Con.									
Other (383.8)	*	*	*	*	*	*	*	*	*
Unspecified mastoiditis (383.9)	*	*	*	*	*	*	*	*	*
Other disorders of tympanic membrane (384)	*	*	*	*	*	*	*	*	*
Acute myringitis without mention of otitis media (384.0)	*	*	*	*	*	*	*	*	*
Chronic myringitis without mention of otitis media (384.1)	*	*	*	*	*	*	*	*	*
Perforation of tympanic membrane (384.2)	*	*	*	*	*	*	*	*	*
Other (384.8)	*	*	*	*	*	*	*	*	*
Unspecified (384.9)	*	*	*	*	*	*	*	*	*
Other disorders of middle ear and mastoid (385)	*	*	*	*	*	*	*	*	*
Tympanosclerosis (385.0)	*	*	*	*	*	*	*	*	*
Adhesive middle ear disease (385.1)	*	*	*	*	*	*	*	*	*
Other acquired abnormality of ear ossicles (385.2)	*	*	*	*	*	*	*	*	*
Cholesteatoma of middle ear and mastoid (385.3)	*	*	*	*	*	*	*	*	*
Other (385.8)	*	*	*	*	*	*	*	*	*
Unspecified (385.9)	*	*	*	*	*	*	*	*	*
Vertiginous syndromes and other disorders of vestibular system (386)	*	*	*	*	*	*	*	*	*
Meniere's disease (386.0)	*	*	*	*	*	*	*	*	*
Other and unspecified peripheral vertigo (386.1)	*	*	*	*	*	*	*	*	*
Vertigo of central origin (386.2)	*	*	*	*	*	*	*	*	*
Labyrinthitis (386.3)	*	*	*	*	*	*	*	*	*
Labyrinthine fistula (386.4)	*	*	*	*	*	*	*	*	*
Labyrinthine dysfunction (386.5)	*	*	*	*	*	*	*	*	*
Other disorders of labyrinth (386.8)	*	*	*	*	*	*	*	*	*
Unspecified vertiginous syndromes and labyrinthine disorders (386.9)	*	*	*	*	*	*	*	*	*
Otosclerosis (387)	*	*	*	*	*	*	*	*	*
Otosclerosis involving oval window, nonobliterative (387.0)	*	*	*	*	*	*	*	*	*
Otosclerosis involving oval window, obliterative (387.1)	*	*	*	*	*	*	*	*	*
Cochlear otosclerosis (387.2)	*	*	*	*	*	*	*	*	*
Other (387.8)	*	*	*	*	*	*	*	*	*
Unspecified (387.9)	*	*	*	*	*	*	*	*	*
Other disorders of ear (388)	*	*	*	*	*	*	*	*	*
Degenerative and vascular disorders of ear (388.0)	*	*	*	*	*	*	*	*	*
Noise effects on inner ear (388.1)	*	*	*	*	*	*	*	*	*
Sudden hearing loss, unspecified (388.2)	*	*	*	*	*	*	*	*	*
Tinnitus (388.3)	*	*	*	*	*	*	*	*	*
Other abnormal auditory perception (388.4)	*	*	*	*	*	*	*	*	*
Disorders of acoustic nerve (388.5)	*	*	*	*	*	*	*	*	*
Otorrhea (388.6)	*	*	*	*	*	*	*	*	*
Otalgia (388.7)	*	*	*	*	*	*	*	*	*
Other (388.8)	*	*	*	*	*	*	*	*	*
Unspecified (388.9)	*	*	*	*	*	*	*	*	*
Deafness (389)	*	*	*	*	*	*	*	*	*
Conductive deafness (389.0)	*	*	*	*	*	*	*	*	*
Sensorineural deafness (389.1)	*	*	*	*	*	*	*	*	*
Mixed conductive and sensorineural deafness (389.2)	*	*	*	*	*	*	*	*	*
Deaf mutism, not elsewhere classified (389.7)	*	*	*	*	*	*	*	*	*
Other specified forms of deafness (389.8)	*	*	*	*	*	*	*	*	*
Unspecified deafness (389.9)	*	*	*	*	*	*	*	*	*
VII. Diseases of the circulatory system (390-459)									
Acute rheumatic fever (390-392)	0.0	0.0	0.0	0.0	0.0	*	*	*	*
Rheumatic fever without mention of heart involvement (390)	*	*	*	*	*	*	*	*	*
Rheumatic fever with heart involvement (391)	.0	.0	.0	.0	.0	*	*	*	*
Acute rheumatic pericarditis (391.0)	.0	*	*	*	*	*	*	*	*
Acute rheumatic endocarditis (391.1)	*	*	*	*	*	*	*	*	*
Acute rheumatic myocarditis (391.2)	*	*	*	*	*	*	*	*	*
Other acute rheumatic heart disease (391.8)	*	*	*	*	*	*	*	*	*
Acute rheumatic heart disease, unspecified (391.9)	*	*	*	*	*	*	*	*	*
Rheumatic chorea (392)	*	*	*	*	*	*	*	*	*
With heart involvement (392.0)	*	*	*	*	*	*	*	*	*
Without mention of heart involvement (392.9)	*	*	*	*	*	*	*	*	*
Chronic rheumatic heart disease (393-398)	2.4	1.5	3.3	1.6	3.6	0.9	1.7	1.0	1.8
Chronic rheumatic pericarditis (393)	*	*	*	*	*	*	*	*	*
Diseases of mitral valve (394)	1.1	.6	1.5	.7	1.7	.3	.9	.4	.9
Mitral stenosis (394.0)	.4	.1	.6	.1	.6	*	.3	*	.3
Rheumatic mitral insufficiency (394.1)	.1	.0	.1	.0	.1	*	*	*	*
Mitral stenosis with insufficiency (394.2)	.0	*	.1	*	.1	*	*	*	*
Other and unspecified (394.9)	.6	.4	.8	.5	.9	.2	.5	.3	.5
Diseases of aortic valve (395)	.1	.1	.1	.1	.1	*	*	*	*
Rheumatic aortic stenosis (395.0)	.0	.0	.0	.0	.1	*	*	*	*
Rheumatic aortic insufficiency (395.1)	*	*	*	*	*	*	*	*	*
Rheumatic aortic stenosis with insufficiency (395.2)	*	*	*	*	*	*	*	*	*
Other and unspecified (395.9)	.0	.0	.0	.0	.0	*	*	*	*
Diseases of mitral and aortic valves (396)	.4	.3	.6	.3	.6	.2	.2	.2	.3
Diseases of other endocardial structures (397)	.2	.1	.3	.2	.3	.1	.2	.1	.2
Diseases of tricuspid valve (397.0)	.1	.0	.1	.0	.1	*	*	*	*
Rheumatic diseases of pulmonary valve (397.1)	*	*	*	*	*	*	*	*	*
Rheumatic diseases of endocardium, valve unspecified (397.9)	.1	.1	.2	.1	.2	*	.1	*	.1

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Chronic rheumatic heart disease-Con.									
Other rheumatic heart disease (398)	1,466	409	1,057	377	981	32	76	25	61
Rheumatic myocarditis (398.0)	1	-	1	-	1	-	-	-	-
Other and unspecified (398.9)	1,465	409	1,056	377	980	32	76	25	61
Hypertensive disease (401-404)	32,618	13,614	19,004	9,587	14,186	4,027	4,818	3,827	4,625
Essential hypertension (401)	4,618	1,812	2,806	1,360	2,238	452	568	427	548
Specified as malignant (401.0)	52	18	34	10	25	8	9	8	8
Specified as benign (401.1)	2	-	2	-	2	-	-	-	-
Not specified as malignant or benign (401.9)	4,564	1,794	2,770	1,350	2,211	444	559	419	540
Hypertensive heart disease (402)	21,072	8,822	12,250	6,077	9,088	2,745	3,162	2,608	3,028
Specified as malignant (402.0)	35	16	19	8	13	8	6	8	6
Specified as benign (402.1)	12	3	9	1	6	2	3	2	3
Not specified as malignant or benign (402.9)	21,025	8,803	12,222	6,068	9,069	2,735	3,153	2,598	3,019
Hypertensive renal disease (403)	4,551	2,021	2,530	1,502	1,860	519	670	492	642
Specified as malignant (403.0)	39	18	21	10	8	8	13	8	13
Specified as benign (403.1)	7	1	6	1	4	-	2	-	2
Not specified as malignant or benign (403.9)	4,505	2,002	2,503	1,491	1,848	511	655	484	627
Hypertensive heart and renal disease (404)	2,377	959	1,418	648	1,000	311	418	300	407
Specified as malignant (404.0)	14	7	7	3	1	4	6	4	6
Specified as benign (404.1)	1	1	-	-	-	1	-	1	-
Not specified as malignant or benign (404.9)	2,362	951	1,411	645	999	306	412	295	401
Ischemic heart disease (410-414)	489,171	252,597	236,574	229,937	213,922	22,660	22,652	19,858	20,713
Acute myocardial infarction (410)	239,008	129,483	109,525	117,850	98,402	11,633	11,123	10,260	10,176
Other acute and subacute forms of ischemic heart disease (411)	3,333	1,968	1,365	1,667	1,140	301	225	272	207
Old myocardial infarction (412)	956	609	347	549	307	60	40	53	38
Angina pectoris (413)	1,070	443	627	391	568	52	59	48	55
Other forms of chronic ischemic heart disease (414)	244,804	120,094	124,710	109,480	113,505	10,614	11,205	9,225	10,237
Coronary atherosclerosis (414.0)	158,470	72,199	86,271	65,313	78,659	6,886	7,612	6,035	6,991
Aneurysm of heart (414.1)	302	190	112	182	102	8	10	5	9
Other (414.8)	12,689	7,767	4,922	7,252	4,444	515	478	438	428
Unspecified (414.9)	73,343	39,938	33,405	36,733	30,300	3,205	3,105	2,747	2,809
Diseases of pulmonary circulation (415-417)	11,848	5,382	6,466	4,438	5,349	944	1,117	889	1,062
Acute pulmonary heart disease (415)	9,482	4,357	5,125	3,587	4,236	770	889	728	857
Acute cor pulmonale (415.0)	10	5	5	4	5	1	-	1	-
Pulmonary embolism (415.1)	9,472	4,352	5,120	3,583	4,231	769	889	727	857
Chronic pulmonary heart disease (416)	2,311	998	1,313	827	1,087	171	226	158	203
Primary pulmonary hypertension (416.0)	1,282	488	794	389	627	99	167	91	151
Kyphoscoliotic heart disease (416.1)	102	21	81	18	79	3	2	3	1
Other (416.8)	1	-	1	-	1	-	-	-	-
Pulmonary heart disease, unspecified (416.9)	926	489	437	420	380	69	57	64	51
Other diseases of pulmonary circulation (417)	55	27	28	24	26	3	2	3	2
Arteriovenous fistula of pulmonary vessels (417.0)	2	1	1	1	1	-	-	-	-
Aneurysm of pulmonary artery (417.1)	16	8	8	7	8	1	-	1	-
Other (417.8)	20	10	10	8	9	2	1	2	1
Unspecified (417.9)	17	8	9	8	8	-	1	-	1
Other forms of heart disease (420-429)	189,572	91,198	98,374	76,607	84,815	14,591	13,559	13,237	12,573
Acute pericarditis (420)	54	30	24	25	21	5	3	5	3
Acute and subacute endocarditis (421)	921	541	380	431	293	110	87	102	81
Acute and subacute bacterial endocarditis (421.0)	903	526	377	419	290	107	87	100	81
Acute endocarditis, unspecified (421.9)	18	15	3	12	3	3	-	2	-
Acute myocarditis (422)	309	151	158	112	109	39	49	30	42
Other diseases of pericardium (423)	452	268	184	220	151	48	33	44	32
Hemopericardium (423.0)	30	15	15	13	15	2	-	2	-
Adhesive pericarditis (423.1)	12	9	3	9	1	-	2	-	2
Constrictive pericarditis (423.2)	66	39	27	35	23	4	4	4	3
Other (423.8)	6	5	1	5	-	-	1	-	1
Unspecified (423.9)	338	200	138	158	112	42	26	38	26
Other diseases of endocardium (424)	13,004	5,500	7,504	5,023	6,928	477	576	414	510
Mitral valve disorders (424.0)	2,044	736	1,308	691	1,195	45	113	39	97
Aortic valve disorders (424.1)	7,966	3,593	4,373	3,311	4,091	282	282	245	255
Tricuspid valve disorders, specified as nonrheumatic (424.2)	5	-	5	-	4	-	1	-	1
Pulmonary valve disorders (424.3)	9	7	2	5	2	2	-	1	-
Endocarditis, valve unspecified (424.9)	2,980	1,164	1,816	1,016	1,636	148	180	129	157
Cardiomyopathy (425)	22,473	13,668	8,805	10,947	7,064	2,721	1,741	2,481	1,613
Endomyocardial fibrosis (425.0)	10	4	6	3	6	1	-	1	-
Hypertrophic obstructive cardiomyopathy (425.1)	263	99	164	83	149	16	15	16	15
Obscure cardiomyopathy of Africa (425.2)	2	2	-	2	-	-	-	-	-
Endocardial fibroelastosis (425.3)	80	51	29	33	21	18	8	15	6
Other primary cardiomyopathies (425.4)	20,645	12,422	8,223	10,062	6,595	2,360	1,628	2,135	1,504
Alcoholic cardiomyopathy (425.5)	858	733	125	470	81	263	44	253	43
Secondary cardiomyopathy, unspecified (425.9)	615	357	258	294	212	63	46	61	45
Conduction disorders (426)	838	382	456	324	393	58	63	54	55
Atrioventricular block, complete (426.0)	312	114	198	100	172	14	26	13	23
Atrioventricular block, other and unspecified (426.1)	32	11	21	11	18	-	3	-	3
Left bundle branch hemiblock (426.2)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Chronic rheumatic heart disease-Con.									
Other rheumatic heart disease (398)	0.6	0.3	0.8	0.4	0.9	0.2	0.4	0.2	0.4
Rheumatic myocarditis (398.0)	*	*	*	*	*	*	*	*	*
Other and unspecified (398.9)	.6	.3	.8	.4	.9	.2	.4	.2	.4
Hypertensive disease (401-404)	13.1	11.2	14.9	9.4	13.3	21.1	23.0	26.5	28.8
Essential hypertension (401)	1.9	1.5	2.2	1.3	2.1	2.4	2.7	3.0	3.4
Specified as malignant (401.0)	.0	*	.0	*	.0	*	*	*	*
Specified as benign (401.1)	*	*	*	*	*	*	*	*	*
Not specified as malignant or benign (401.9)	1.8	1.5	2.2	1.3	2.1	2.3	2.7	2.9	3.4
Hypertensive heart disease (402)	8.5	7.3	9.6	5.9	8.5	14.4	15.1	18.1	18.9
Specified as malignant (402.0)	.0	*	*	*	*	*	*	*	*
Specified as benign (402.1)	*	*	*	*	*	*	*	*	*
Not specified as malignant or benign (402.9)	8.5	7.3	9.6	5.9	8.5	14.3	15.1	18.0	18.8
Hypertensive renal disease (403)	1.8	1.7	2.0	1.5	1.7	2.7	3.2	3.4	4.0
Specified as malignant (403.0)	.0	*	.0	*	*	*	*	*	*
Specified as benign (403.1)	*	*	*	*	*	*	*	*	*
Not specified as malignant or benign (403.9)	1.8	1.7	2.0	1.5	1.7	2.7	3.1	3.4	3.9
Hypertensive heart and renal disease (404)	1.0	.8	1.1	.6	.9	1.6	2.0	2.1	2.5
Specified as malignant (404.0)	*	*	*	*	*	*	*	*	*
Specified as benign (404.1)	*	*	*	*	*	*	*	*	*
Not specified as malignant or benign (404.9)	.9	.8	1.1	.6	.9	1.6	2.0	2.0	2.5
Ischemic heart disease (410-414)	196.7	208.3	185.6	225.1	200.8	118.7	108.3	137.7	128.9
Acute myocardial infarction (410)	96.1	106.8	85.9	115.4	92.3	60.9	53.2	71.1	63.4
Other acute and subacute forms of ischemic heart disease (411)	1.3	1.6	1.1	1.6	1.1	1.6	1.1	1.9	1.3
Old myocardial infarction (412)	.4	.5	.3	.5	.3	.3	.2	.4	.2
Angina pectoris (413)	.4	.4	.5	.4	.5	.3	.3	.3	.3
Other forms of chronic ischemic heart disease (414)	98.4	99.1	97.8	107.2	106.5	55.6	53.6	64.0	63.7
Coronary atherosclerosis (414.0)	63.7	59.6	67.7	63.9	73.8	36.1	36.4	41.9	43.5
Aneurysm of heart (414.1)	.1	.2	.1	.2	.1	*	*	*	*
Other (414.8)	5.1	6.4	3.9	7.1	4.2	2.7	2.3	3.0	2.7
Unspecified (414.9)	29.5	32.9	26.2	36.0	28.4	16.8	14.8	19.0	17.5
Diseases of pulmonary circulation (415-417)	4.8	4.4	5.1	4.3	5.0	4.9	5.3	6.2	6.6
Acute pulmonary heart disease (415)	3.8	3.6	4.0	3.5	4.0	4.0	4.3	5.0	5.3
Acute cor pulmonale (415.0)	*	*	*	*	*	*	*	*	*
Pulmonary embolism (415.1)	3.8	3.6	4.0	3.5	4.0	4.0	4.3	5.0	5.3
Chronic pulmonary heart disease (416)	.9	.8	1.0	.8	1.0	.9	1.1	1.1	1.3
Primary pulmonary hypertension (416.0)	.5	.4	.6	.4	.6	.5	.8	.6	.9
Kyphoscoliotic heart disease (416.1)	.0	.0	.1	*	.1	*	*	*	*
Other (416.8)	*	*	*	*	*	*	*	*	*
Pulmonary heart disease, unspecified (416.9)	.4	.4	.3	.4	.4	.4	.3	.4	.3
Other diseases of pulmonary circulation (417)	.0	.0	.0	.0	.0	*	*	*	*
Arteriovenous fistula of pulmonary vessels (417.0)	*	*	*	*	*	*	*	*	*
Aneurysm of pulmonary artery (417.1)	*	*	*	*	*	*	*	*	*
Other (417.8)	.0	*	*	*	*	*	*	*	*
Unspecified (417.9)	*	*	*	*	*	*	*	*	*
Other forms of heart disease (420-429)	76.2	75.2	77.2	75.0	79.6	76.4	64.8	91.8	78.3
Acute pericarditis (420)	.0	.0	.0	.0	.0	*	*	*	*
Acute and subacute endocarditis (421)	.4	.4	.3	.4	.3	.6	.4	.7	.5
Acute and subacute bacterial endocarditis (421.0)	.4	.4	.3	.4	.3	.6	.4	.7	.5
Acute endocarditis, unspecified (421.9)	*	*	*	*	*	*	*	*	*
Acute myocarditis (422)	.1	.1	.1	.1	.1	.2	.2	.2	.3
Other diseases of pericardium (423)	.2	.2	.1	.2	.1	.3	.2	.3	.2
Hemopericardium (423.0)	.0	*	*	*	*	*	*	*	*
Adhesive pericarditis (423.1)	*	*	*	*	*	*	*	*	*
Constrictive pericarditis (423.2)	.0	.0	.0	.0	.0	*	*	*	*
Other (423.8)	*	*	*	*	*	*	*	*	*
Unspecified (423.9)	.1	.2	.1	.2	.1	.2	.1	.3	.2
Other diseases of endocardium (424)	5.2	4.5	5.9	4.9	6.5	2.5	2.8	2.9	3.2
Mitral valve disorders (424.0)	.8	.6	1.0	.7	1.1	.2	.5	.3	.6
Aortic valve disorders (424.1)	3.2	3.0	3.4	3.2	3.8	1.5	1.3	1.7	1.6
Tricuspid valve disorders, specified as nonrheumatic (424.2)	*	*	*	*	*	*	*	*	*
Pulmonary valve disorders (424.3)	*	*	*	*	*	*	*	*	*
Endocarditis, valve unspecified (424.9)	1.2	1.0	1.4	1.0	1.5	.8	.9	.9	1.0
Cardiomyopathy (425)	9.0	11.3	6.9	10.7	6.6	14.2	8.3	17.2	10.0
Endomyocardial fibrosis (425.0)	*	*	*	*	*	*	*	*	*
Hypertrophic obstructive cardiomyopathy (425.1)	.1	.1	.1	.1	.1	*	*	*	*
Obscure cardiomyopathy of Africa (425.2)	*	*	*	*	*	*	*	*	*
Endocardial fibroelastosis (425.3)	.0	.0	.0	.0	.0	*	*	*	*
Other primary cardiomyopathies (425.4)	8.3	10.2	6.5	9.9	6.2	12.4	7.8	14.8	9.4
Alcoholic cardiomyopathy (425.5)	.3	.6	.1	.5	.1	1.4	.2	1.8	.3
Secondary cardiomyopathy, unspecified (425.9)	.2	.3	.2	.3	.2	.3	.2	.4	.3
Conduction disorders (426)	.3	.3	.4	.3	.4	.3	.3	.4	.3
Atrioventricular block, complete (426.0)	.1	.1	.2	.1	.2	*	.1	*	.1
Atrioventricular block, other and unspecified (426.1)	.0	*	.0	*	*	*	*	*	*
Left bundle branch hemiblock (426.2)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Conduction disorders-Con.									
Other left bundle branch block (426.3)	10	4	6	3	6	1	-	1	-
Right bundle branch block (426.4)	5	4	1	2	1	2	-	2	-
Bundle branch block, unspecified (426.5)	6	3	3	3	3	-	-	-	-
Other heart block (426.6)	10	4	6	4	5	-	1	-	-
Anomalous atrioventricular excitation (426.7)	47	29	18	23	16	6	2	4	2
Other (426.8)	285	156	129	130	109	26	20	25	17
Unspecified (426.9)	131	57	74	48	63	9	11	9	10
Cardiac dysrhythmias (427)	39,742	18,974	20,768	15,833	17,441	3,141	3,327	2,827	3,096
Paroxysmal supraventricular tachycardia (427.0)	19	6	13	6	11	-	2	-	2
Paroxysmal ventricular tachycardia (427.1)	553	314	239	272	203	42	36	40	33
Paroxysmal tachycardia, unspecified (427.2)	2	-	2	-	2	-	-	-	-
Atrial fibrillation and flutter (427.3)	3,157	1,028	2,129	936	1,972	92	157	75	140
Ventricular fibrillation and flutter (427.4)	1,449	817	632	727	528	90	104	83	100
Cardiac arrest (427.5)	29,190	14,187	15,003	11,632	12,334	2,555	2,669	2,307	2,486
Premature beats (427.6)	71	44	27	39	24	5	3	5	3
Other (427.8)	604	234	370	206	322	28	48	23	44
Unspecified (427.9)	4,697	2,344	2,353	2,015	2,045	329	308	294	288
Heart failure (428)	37,927	15,089	22,838	13,314	20,488	1,775	2,350	1,631	2,166
Congestive heart failure (428.0)	34,156	13,344	20,812	11,825	18,716	1,519	2,096	1,397	1,931
Left heart failure (428.1)	154	64	90	58	80	6	10	6	9
Unspecified (428.9)	3,617	1,681	1,936	1,431	1,692	250	244	228	226
Ill-defined descriptions and complications of heart disease (429)	73,852	36,595	37,257	30,378	31,927	6,217	5,330	5,649	4,975
Myocarditis, unspecified (429.0)	553	255	298	195	212	60	86	57	81
Myocardial degeneration (429.1)	526	275	251	229	209	46	42	42	39
Cardiovascular disease, unspecified (429.2)	69,120	33,995	35,125	28,261	30,178	5,734	4,947	5,202	4,608
Cardiomegaly (429.3)	751	467	284	345	228	122	56	114	56
Rupture of chordae tendinae (429.5)	13	6	7	6	6	-	1	-	1
Rupture of papillary muscle (429.6)	11	5	6	4	6	1	-	1	-
Other (429.8)	122	64	58	51	47	13	11	13	11
Unspecified (429.9)	2,756	1,528	1,228	1,287	1,041	241	187	220	179
Cerebrovascular diseases (430-438)	144,088	56,697	87,391	48,024	76,502	8,673	10,889	7,653	9,754
Subarachnoid hemorrhage (430)	6,815	2,379	4,436	1,971	3,585	408	851	345	697
Intracerebral hemorrhage (431)	17,852	7,941	9,911	6,264	8,370	1,677	1,541	1,405	1,325
Other and unspecified intracranial hemorrhage (432)	2,723	1,286	1,437	988	1,154	298	283	260	237
Nontraumatic extradural hemorrhage (432.0)	2	-	2	-	2	-	-	-	-
Subdural hemorrhage (432.1)	506	278	228	220	179	58	49	53	46
Unspecified intracranial hemorrhage (432.9)	2,215	1,008	1,207	768	973	240	234	207	191
Occlusion and stenosis of precerebral arteries (433)	1,256	697	559	651	503	46	56	43	49
Basilar artery (433.0)	303	173	130	153	114	20	16	19	14
Carotid artery (433.1)	848	466	382	445	350	21	32	19	29
Vertebral artery (433.2)	25	15	10	13	7	2	3	2	2
Multiple and bilateral (433.3)	61	31	30	29	25	2	5	2	4
Other (433.8)	15	11	4	10	4	1	-	1	-
Unspecified (433.9)	4	1	3	1	3	-	-	-	-
Occlusion of cerebral arteries (434)	18,912	7,295	11,617	6,327	10,356	968	1,261	871	1,145
Cerebral thrombosis (434.0)	7,802	2,649	5,153	2,376	4,708	273	445	256	422
Cerebral embolism (434.1)	651	263	388	240	364	23	24	20	19
Unspecified (434.9)	10,459	4,383	6,076	3,711	5,284	672	792	595	704
Transient cerebral ischemia (435)	336	128	208	112	197	16	11	15	10
Acute but ill-defined cerebrovascular disease (436)	80,745	31,073	49,672	26,616	43,801	4,457	5,871	4,013	5,393
Other and ill-defined cerebrovascular diseases (437)	9,325	3,318	6,007	2,936	5,447	382	560	347	512
Cerebral atherosclerosis (437.0)	3,967	1,266	2,701	1,148	2,533	118	168	103	149
Other generalized ischemic cerebrovascular disease (437.1)	631	260	371	219	311	41	60	39	54
Hypertensive encephalopathy (437.2)	45	18	27	12	14	6	13	6	12
Cerebral aneurysm, nonruptured (437.3)	382	145	237	131	195	14	42	13	40
Cerebral arteritis (437.4)	75	29	46	23	39	6	7	5	7
Moyamoya disease (437.5)	9	3	6	1	4	2	2	1	2
Nonpyogenic thrombosis of intracranial venous sinus (437.6)	-	-	-	-	-	-	-	-	-
Other (437.8)	56	27	29	23	23	4	6	4	6
Unspecified (437.9)	4,160	1,570	2,590	1,379	2,328	191	262	176	242
Late effects of cerebrovascular diseases (438)	6,124	2,580	3,544	2,159	3,089	421	455	354	386
Diseases of arteries, arterioles, and capillaries (440-448)	42,692	21,419	21,273	19,576	19,262	1,843	2,011	1,599	1,842
Atherosclerosis (440)	18,047	6,859	11,188	6,232	10,315	627	873	563	817
Of aorta (440.0)	71	35	36	32	33	3	3	3	3
Of renal artery (440.1)	54	25	29	24	28	1	1	1	1
Of arteries of the extremities (440.2)	901	358	543	310	472	48	71	44	67
Of other specified arteries (440.8)	5	1	4	1	4	-	-	-	-
Generalized and unspecified (440.9)	17,016	6,440	10,576	5,865	9,778	575	798	515	746
Aortic aneurysm (441)	16,402	10,806	5,596	10,068	5,051	738	545	589	479
Dissecting aneurysm, any part (441.0)	3,081	1,861	1,220	1,622	1,059	239	161	186	139
Thoracic aneurysm, ruptured (441.1)	1,295	673	622	598	554	75	68	53	56
Thoracic aneurysm without mention of rupture (441.2)	616	308	308	273	265	35	43	32	39
Abdominal aneurysm, ruptured (441.3)	6,804	4,986	1,818	4,784	1,709	202	109	164	95
Abdominal aneurysm without mention of rupture (441.4)	1,895	1,256	639	1,190	581	66	58	51	54
Aortic aneurysm of unspecified site, ruptured (441.5)	2,052	1,327	725	1,236	655	91	70	77	62
Aortic aneurysm of unspecified site without mention of rupture (441.6)	659	395	264	365	228	30	36	26	34
Other aneurysm (442)	707	451	256	394	226	57	30	51	28
Of artery of upper extremity (442.0)	1	-	1	-	1	-	-	-	-
Of renal artery (442.1)	25	19	6	19	6	-	-	-	-
Of iliac artery (442.2)	169	142	27	118	20	24	7	22	7
Of artery of lower extremity (442.3)	43	30	13	27	11	3	2	3	2

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Conduction disorders-Con.									
Other left bundle branch block (426.3)	*	*	*	*	*	*	*	*	*
Right bundle branch block (426.4)	*	*	*	*	*	*	*	*	*
Bundle branch block, unspecified (426.5)	*	*	*	*	*	*	*	*	*
Other heart block (426.6)	*	*	*	*	*	*	*	*	*
Anomalous atrioventricular excitation (426.7)	0.0	0.0	*	0.0	*	*	*	*	*
Other (426.8)	.1	.1	0.1	.1	0.1	0.1	0.1	0.2	*
Unspecified (426.9)	.1	.0	.1	.0	.1	*	*	*	*
Cardiac dysrhythmias (427)	16.0	15.7	16.3	15.5	16.4	16.4	15.9	19.6	19.3
Paroxysmal supraventricular tachycardia (427.0)	*	*	*	*	*	*	*	*	*
Paroxysmal ventricular tachycardia (427.1)	.2	.3	.2	.3	.2	.2	.2	.3	.2
Paroxysmal tachycardia, unspecified (427.2)	*	*	*	*	*	*	*	*	*
Atrial fibrillation and flutter (427.3)	1.3	.8	1.7	.9	1.9	.5	.8	.5	.9
Ventricular fibrillation and flutter (427.4)	.6	.7	.5	.7	.5	.5	.5	.6	.6
Cardiac arrest (427.5)	11.7	11.7	11.8	11.4	11.6	13.4	12.8	16.0	15.5
Premature beats (427.6)	.0	.0	.0	.0	.0	*	*	*	*
Other (427.8)	.2	.2	.3	.2	.3	.1	.2	.2	.3
Unspecified (427.9)	1.9	1.9	1.8	2.0	1.9	1.7	1.5	2.0	1.8
Heart failure (428)	15.2	12.4	17.9	13.0	19.2	9.3	11.2	11.3	13.5
Congestive heart failure (428.0)	13.7	11.0	16.3	11.6	17.6	8.0	10.0	9.7	12.0
Left heart failure (428.1)	.1	.1	.1	.1	.1	*	*	*	*
Unspecified (428.9)	1.5	1.4	1.5	1.4	1.6	1.3	1.2	1.6	1.4
Ill-defined descriptions and complications of heart disease (429)	29.7	30.2	29.2	29.7	30.0	32.6	25.5	39.2	31.0
Myocarditis, unspecified (429.0)	.2	.2	.2	.2	.2	.3	.4	.4	.5
Myocardial degeneration (429.1)	.2	.2	.2	.2	.2	.2	.2	.3	.2
Cardiovascular disease, unspecified (429.2)	27.8	28.0	27.6	27.7	28.3	30.0	23.7	36.1	28.7
Cardiomegaly (429.3)	.3	.4	.2	.3	.2	.6	.3	.8	.3
Rupture of chordae tendinae (429.5)	*	*	*	*	*	*	*	*	*
Rupture of papillary muscle (429.6)	*	*	*	*	*	*	*	*	*
Other (429.8)	.0	.1	.0	.0	.0	*	*	*	*
Unspecified (429.9)	1.1	1.3	1.0	1.3	1.0	1.3	.9	1.5	1.1
Cerebrovascular diseases (430-438)	57.9	46.8	68.6	47.0	71.8	45.4	52.1	53.1	60.7
Subarachnoid hemorrhage (430)	2.7	2.0	3.5	1.9	3.4	2.1	4.1	2.4	4.3
Intracerebral hemorrhage (431)	7.2	6.5	7.8	6.1	7.9	8.8	7.4	9.7	8.2
Other and unspecified intracranial hemorrhage (432)	1.1	1.1	1.1	1.0	1.1	1.6	1.4	1.8	1.5
Nontraumatic extradural hemorrhage (432.0)	*	*	*	*	*	*	*	*	*
Subdural hemorrhage (432.1)	.2	.2	.2	.2	.2	.3	.2	.4	.3
Unspecified intracranial hemorrhage (432.9)	.9	.8	.9	.8	.9	1.3	1.1	1.4	1.2
Occlusion and stenosis of precerebral arteries (433)	.5	.6	.4	.6	.5	.2	.3	.3	.3
Basilar artery (433.0)	.1	.1	.1	.1	.1	.1	*	*	*
Carotid artery (433.1)	.3	.4	.3	.4	.3	.1	.2	*	.2
Vertebral artery (433.2)	.0	*	*	*	*	*	*	*	*
Multiple and bilateral (433.3)	.0	.0	.0	.0	.0	*	*	*	*
Other (433.8)	*	*	*	*	*	*	*	*	*
Unspecified (433.9)	*	*	*	*	*	*	*	*	*
Occlusion of cerebral arteries (434)	7.6	6.0	9.1	6.2	9.7	5.1	6.0	6.0	7.1
Cerebral thrombosis (434.0)	3.1	2.2	4.0	2.3	4.4	1.4	2.1	1.8	2.6
Cerebral embolism (434.1)	.3	.2	.3	.2	.3	.1	.1	.1	*
Unspecified (434.9)	4.2	3.6	4.8	3.6	5.0	3.5	3.8	4.1	4.4
Transient cerebral ischemia (435)	.1	.1	.2	.1	.2	*	*	*	*
Acute but ill-defined cerebrovascular disease (436)	32.5	25.6	39.0	26.1	41.1	23.3	28.1	27.8	33.6
Other and ill-defined cerebrovascular diseases (437)	3.7	2.7	4.7	2.9	5.1	2.0	2.7	2.4	3.2
Cerebral atherosclerosis (437.0)	1.6	1.0	2.1	1.1	2.4	.6	.8	.7	.9
Other generalized ischemic cerebrovascular disease (437.1)	.3	.2	.3	.2	.3	.2	.3	.3	.3
Hypertensive encephalopathy (437.2)	.0	*	.0	*	*	*	*	*	*
Cerebral aneurysm, nonruptured (437.3)	.2	.1	.2	.1	.2	*	.2	*	.2
Cerebral arteritis (437.4)	.0	.0	.0	.0	.0	*	*	*	*
Moyamoya disease (437.5)	*	*	*	*	*	*	*	*	*
Nonpyogenic thrombosis of intracranial venous sinus (437.6)	*	*	*	*	*	*	*	*	*
Other (437.8)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified (437.9)	1.7	1.3	2.0	1.4	2.2	1.0	1.3	1.2	1.5
Late effects of cerebrovascular diseases (438)	2.5	2.1	2.8	2.1	2.9	2.2	2.2	2.5	2.4
Diseases of arteries, arterioles, and capillaries (440-448)	17.2	17.7	16.7	19.2	18.1	9.7	9.6	11.1	11.5
Atherosclerosis (440)	7.3	5.7	8.8	6.1	9.7	3.3	4.2	3.9	5.1
Of aorta (440.0)	.0	.0	.0	.0	.0	*	*	*	*
Of renal artery (440.1)	.0	.0	.0	.0	.0	*	*	*	*
Of arteries of the extremities (440.2)	.4	.3	.4	.3	.4	.3	.3	.3	.4
Of other specified arteries (440.8)	*	*	*	*	*	*	*	*	*
Generalized and unspecified (440.9)	6.8	5.3	8.3	5.7	9.2	3.0	3.8	3.6	4.6
Aortic aneurysm (441)	6.6	8.9	4.4	9.9	4.7	3.9	2.6	4.1	3.0
Dissecting aneurysm, any part (441.0)	1.2	1.5	1.0	1.6	1.0	1.3	.8	1.3	.9
Thoracic aneurysm, ruptured (441.1)	.5	.6	.5	.6	.5	.4	.3	.4	.3
Thoracic aneurysm without mention of rupture (441.2)	.2	.3	.2	.3	.2	.2	.2	.2	.2
Abdominal aneurysm, ruptured (441.3)	2.7	4.1	1.4	4.7	1.6	1.1	.5	1.1	.6
Abdominal aneurysm without mention of rupture (441.4)	.8	1.0	.5	1.2	.5	.3	.3	.4	.3
Aortic aneurysm of unspecified site, ruptured (441.5)	.8	1.1	.6	1.2	.6	.5	.3	.5	.4
Aortic aneurysm of unspecified site without mention of rupture (441.6)	.3	.3	.2	.4	.2	.2	.2	.2	.2
Other aneurysm (442)	.3	.4	.2	.4	.2	.3	.1	.4	.2
Of artery of upper extremity (442.0)	*	*	*	*	*	*	*	*	*
Of renal artery (442.1)	.0	*	*	*	*	*	*	*	*
Of iliac artery (442.2)	.1	.1	.0	.1	.0	.1	*	.2	*
Of artery of lower extremity (442.3)	.0	.0	*	.0	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other aneurysm-Con.									
Of other specified artery (442.8)	110	42	68	38	61	4	7	4	7
Of unspecified site (442.9)	359	218	141	192	127	26	14	22	12
Other peripheral vascular disease (443)	4,065	1,875	2,190	1,595	1,842	280	348	267	326
Raynaud's syndrome (443.0)	6	2	4	-	4	2	-	2	-
Thromboangiitis obliterans (Buerger's disease) (443.1)	5	3	2	3	2	-	-	-	-
Other (443.8)	31	11	20	11	19	-	1	-	1
Unspecified (443.9)	4,023	1,859	2,164	1,581	1,817	278	347	265	325
Arterial embolism and thrombosis (444)	1,371	509	862	452	803	57	59	55	52
Of abdominal aorta (444.0)	127	39	88	31	83	8	5	8	4
Of other aorta (444.1)	296	112	184	99	169	13	15	12	14
Of arteries of the extremities (444.2)	545	190	355	171	332	19	23	18	20
Of other specified artery (444.8)	98	40	58	36	56	4	2	4	2
Of unspecified artery (444.9)	305	128	177	115	163	13	14	13	12
Polyarteritis nodosa and allied conditions (446)	808	309	499	275	422	34	77	29	72
Polyarteritis nodosa (446.0)	125	65	60	60	56	5	4	4	3
Acute febrile mucocutaneous lymphnode syndrome (MCLS) (446.1)	5	2	3	1	1	1	2	-	2
Hypersensitivity angiitis (446.2)	108	44	64	40	52	4	12	3	12
Lethal midline granuloma (446.3)	6	4	2	4	2	-	-	-	-
Wegener's granulomatosis (446.4)	204	93	111	89	106	4	5	4	4
Giant cell arteritis (446.5)	108	25	83	25	82	-	1	-	-
Thrombotic microangiopathy (446.6)	245	74	171	54	119	20	52	18	50
Takayasu disease (446.7)	7	2	5	2	4	-	1	-	1
Other disorders of arteries and arterioles (447)	1,241	587	654	541	580	46	74	42	63
Arteriovenous fistula, acquired (447.0)	15	8	7	3	6	5	1	5	-
Stricture of artery (447.1)	133	56	77	53	67	3	10	2	10
Rupture of artery (447.2)	205	153	52	139	47	14	5	14	4
Hyperplasia of renal artery (447.3)	2	-	2	-	2	-	-	-	-
Celiac artery compression syndrome (447.4)	1	-	1	-	1	-	-	-	-
Necrosis of artery (447.5)	2	1	1	1	1	-	-	-	-
Arteritis, unspecified (447.6)	555	210	345	196	305	14	40	12	33
Other (447.8)	24	14	10	13	10	1	-	1	-
Unspecified (447.9)	304	145	159	136	141	9	18	8	16
Diseases of capillaries (448)	51	23	28	19	23	4	5	3	5
Hereditary hemorrhagic telangiectasia (448.0)	34	14	20	12	17	2	3	2	3
Nevus, non-neoplastic (448.1)	-	-	-	-	-	-	-	-	-
Other and unspecified (448.9)	17	9	8	7	6	2	2	1	2
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	4,238	2,026	2,212	1,644	1,867	382	345	348	318
Phlebitis and thrombophlebitis (451)	1,366	617	749	498	630	119	119	115	110
Of superficial vessels of lower extremities (451.0)	2	1	1	1	1	-	-	-	-
Of deep vessels of lower extremities (451.1)	536	240	296	192	234	48	62	46	58
Of lower extremities, unspecified (451.2)	450	222	228	171	193	51	35	50	30
Of other sites (451.8)	33	13	20	11	18	2	2	1	2
Of unspecified site (451.9)	345	141	204	123	184	18	20	18	20
Portal vein thrombosis (452)	47	28	19	28	19	-	-	-	-
Other venous embolism and thrombosis (453)	380	169	211	140	177	29	34	26	32
Budd-Chiari syndrome (453.0)	41	23	18	21	16	2	2	2	2
Thrombophlebitis migrans (453.1)	2	1	1	-	1	1	-	-	-
Of vena cava (453.2)	44	24	20	23	15	1	5	1	5
Of renal vein (453.3)	20	8	12	6	7	2	5	1	5
Of other specified veins (453.8)	126	52	74	39	63	13	11	12	10
Of unspecified site (453.9)	147	61	86	51	75	10	11	10	10
Varicose veins of lower extremities (454)	168	85	83	69	70	16	13	13	13
With ulcer (454.0)	33	12	21	10	15	2	6	2	6
With inflammation (454.1)	9	5	4	3	3	2	1	-	1
With ulcer and inflammation (454.2)	8	2	6	1	6	1	-	1	-
Without mention of ulcer or inflammation (454.9)	118	66	52	55	46	11	6	10	6
Hemorrhoids (455)	12	7	5	4	3	3	2	3	2
Internal hemorrhoids without mention of complication (455.0)	-	-	-	-	-	-	-	-	-
Internal thrombosed hemorrhoids (455.1)	-	-	-	-	-	-	-	-	-
Internal hemorrhoids with other complication (455.2)	-	-	-	-	-	-	-	-	-
External hemorrhoids without mention of complication (455.3)	-	-	-	-	-	-	-	-	-
External thrombosed hemorrhoids (455.4)	-	-	-	-	-	-	-	-	-
External hemorrhoids with other complication (455.5)	-	-	-	-	-	-	-	-	-
Unspecified hemorrhoids without mention of complication (455.6)	6	3	3	2	1	1	2	1	2
Unspecified thrombosed hemorrhoids (455.7)	-	-	-	-	-	-	-	-	-
Unspecified hemorrhoids with other complication (455.8)	6	4	2	2	2	2	-	2	-
Residual hemorrhoidal skin tags (455.9)	-	-	-	-	-	-	-	-	-
Varicose veins of other sites (456)	399	255	144	209	126	46	18	37	16
Esophageal varices with bleeding (456.0)	319	202	117	165	100	37	17	33	15
Esophageal varices without mention of bleeding (456.1)	52	37	15	29	14	8	1	4	1
Sublingual varices (456.3)	-	-	-	-	-	-	-	-	-
Scrotal varices (456.4)	1	1	...	1	...	-	...	-	...
Pelvic varices (456.5)	1	-	1	-	1	-	-	-	-
Vulval varices (456.6)	-	...	-	...	-	...	-	...	-
Other (456.8)	26	15	11	14	11	1	-	-	-
Noninfective disorders of lymphatic channels (457)	41	15	26	13	23	2	3	2	2
Other lymphedema (457.1)	20	7	13	6	11	1	2	1	2
Lymphangitis (457.2)	1	-	1	-	1	-	-	-	-
Other noninfective disorders of lymphatic channels (457.8)	18	8	10	7	9	1	1	1	-
Unspecified (457.9)	2	-	2	-	2	-	-	-	-
Hypotension (458)	921	419	502	331	402	88	100	81	94
Orthostatic hypotension (458.0)	11	8	3	7	3	1	-	1	-
Chronic hypotension (458.1)	-	-	-	-	-	-	-	-	-
Unspecified (458.9)	910	411	499	324	399	87	100	80	94

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other aneurysm-Con.									
Of other specified artery (442.8)	0.0	0.0	0.1	0.0	0.1	*	*	*	*
Of unspecified site (442.9)	.1	.2	.1	.2	.1	0.1	*	0.2	*
Other peripheral vascular disease (443)	1.6	1.5	1.7	1.6	1.7	1.5	1.7	1.9	2.0
Raynaud's syndrome (443.0)	*	*	*	*	*	*	*	*	*
Thromboangiitis obliterans (Buerger's disease) (443.1)	*	*	*	*	*	*	*	*	*
Other (443.8)	.0	*	.0	*	*	*	*	*	*
Unspecified (443.9)	1.6	1.5	1.7	1.5	1.7	1.5	1.7	1.8	2.0
Arterial embolism and thrombosis (444)	.6	.4	.7	.4	.8	.3	.3	.4	.3
Of abdominal aorta (444.0)	.1	.0	.1	.0	.1	*	*	*	*
Of other aorta (444.1)	.1	.1	.1	.1	.2	*	*	*	*
Of arteries of the extremities (444.2)	.2	.2	.3	.2	.3	*	.1	*	.1
Of other specified artery (444.8)	.0	.0	.0	.0	.1	*	*	*	*
Of unspecified artery (444.9)	.1	.1	.1	.1	.2	*	*	*	*
Polyarteritis nodosa and allied conditions (446)	.3	.3	.4	.3	.4	.2	.4	.2	.4
Polyarteritis nodosa (446.0)	.1	.1	.0	.1	.1	*	*	*	*
Acute febrile mucocutaneous lymphnode syndrome (MCLS) (446.1)	*	*	*	*	*	*	*	*	*
Hypersensitivity angiitis (446.2)	.0	.0	.1	.0	.0	*	*	*	*
Lethal midline granuloma (446.3)	*	*	*	*	*	*	*	*	*
Wegener's granulomatosis (446.4)	.1	.1	.1	.1	.1	*	*	*	*
Giant cell arteritis (446.5)	.0	.0	.1	.0	.1	*	*	*	*
Thrombotic microangiopathy (446.6)	.1	.1	.1	.1	.1	.1	.2	*	.3
Takayasu disease (446.7)	*	*	*	*	*	*	*	*	*
Other disorders of arteries and arterioles (447)	.5	.5	.5	.5	.5	.2	.4	.3	.4
Arteriovenous fistula, acquired (447.0)	*	*	*	*	*	*	*	*	*
Stricture of artery (447.1)	.1	.0	.1	.1	.1	*	*	*	*
Rupture of artery (447.2)	.1	.1	.0	.1	.0	*	*	*	*
Hyperplasia of renal artery (447.3)	*	*	*	*	*	*	*	*	*
Celiac artery compression syndrome (447.4)	*	*	*	*	*	*	*	*	*
Necrosis of artery (447.5)	*	*	*	*	*	*	*	*	*
Arteritis, unspecified (447.6)	.2	.2	.3	.2	.3	*	.2	*	.2
Other (447.8)	.0	*	*	*	*	*	*	*	*
Unspecified (447.9)	.1	.1	.1	.1	.1	*	*	*	*
Diseases of capillaries (448)	.0	.0	.0	*	.0	*	*	*	*
Hereditary hemorrhagic telangiectasia (448.0)	.0	*	.0	*	*	*	*	*	*
Nevus, non-neoplastic (448.1)	*	*	*	*	*	*	*	*	*
Other and unspecified (448.9)	*	*	*	*	*	*	*	*	*
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	1.7	1.7	1.7	1.6	1.8	2.0	1.6	2.4	2.0
Phlebitis and thrombophlebitis (451)	.5	.5	.6	.5	.6	.6	.6	.8	.7
Of superficial vessels of lower extremities (451.0)	*	*	*	*	*	*	*	*	*
Of deep vessels of lower extremities (451.1)	.2	.2	.2	.2	.2	.3	.3	.3	.4
Of lower extremities, unspecified (451.2)	.2	.2	.2	.2	.2	.3	.2	.3	.2
Of other sites (451.8)	.0	*	.0	*	*	*	*	*	*
Of unspecified site (451.9)	.1	.1	.2	.1	.2	*	.1	*	.1
Portal vein thrombosis (452)	.0	.0	*	.0	*	*	*	*	*
Other venous embolism and thrombosis (453)	.2	.1	.2	.1	.2	.2	.2	.2	.2
Budd-Chiari syndrome (453.0)	.0	.0	*	.0	*	*	*	*	*
Thrombophlebitis migrans (453.1)	*	*	*	*	*	*	*	*	*
Of vena cava (453.2)	.0	.0	.0	.0	*	*	*	*	*
Of renal vein (453.3)	.0	*	*	*	*	*	*	*	*
Of other specified veins (453.8)	.1	.0	.1	.0	.1	*	*	*	*
Of unspecified site (453.9)	.1	.1	.1	.0	.1	*	*	*	*
Varicose veins of lower extremities (454)	.1	.1	.1	.1	.1	*	*	*	*
With ulcer (454.0)	.0	*	.0	*	*	*	*	*	*
With inflammation (454.1)	*	*	*	*	*	*	*	*	*
With ulcer and inflammation (454.2)	*	*	*	*	*	*	*	*	*
Without mention of ulcer or inflammation (454.9)	.0	.1	.0	.1	.0	*	*	*	*
Hemorrhoids (455)	*	*	*	*	*	*	*	*	*
Internal hemorrhoids without mention of complication (455.0)	*	*	*	*	*	*	*	*	*
Internal thrombosed hemorrhoids (455.1)	*	*	*	*	*	*	*	*	*
Internal hemorrhoids with other complication (455.2)	*	*	*	*	*	*	*	*	*
External hemorrhoids without mention of complication (455.3)	*	*	*	*	*	*	*	*	*
External thrombosed hemorrhoids (455.4)	*	*	*	*	*	*	*	*	*
External hemorrhoids with other complication (455.5)	*	*	*	*	*	*	*	*	*
Unspecified hemorrhoids without mention of complication (455.6)	*	*	*	*	*	*	*	*	*
Unspecified thrombosed hemorrhoids (455.7)	*	*	*	*	*	*	*	*	*
Unspecified hemorrhoids with other complication (455.8)	*	*	*	*	*	*	*	*	*
Residual hemorrhoidal skin tags (455.9)	*	*	*	*	*	*	*	*	*
Varicose veins of other sites (456)	.2	.2	.1	.2	.1	.2	*	.3	*
Esophageal varices with bleeding (456.0)	.1	.2	.1	.2	.1	.2	*	.2	*
Esophageal varices without mention of bleeding (456.1)	.0	.0	*	.0	*	*	*	*	*
Sublingual varices (456.3)	*	*	*	*	*	*	*	*	*
Scrotal varices (456.4)	*	*	---	*	---	*	---	*	---
Pelvic varices (456.5)	*	*	*	*	*	*	*	*	*
Vulval varices (456.6)	*	---	*	---	*	---	*	---	*
Other (456.8)	.0	*	*	*	*	*	*	*	*
Noninfective disorders of lymphatic channels (457)	.0	*	.0	*	.0	*	*	*	*
Other lymphedema (457.1)	.0	*	*	*	*	*	*	*	*
Lymphangitis (457.2)	*	*	*	*	*	*	*	*	*
Other noninfective disorders of lymphatic channels (457.8)	*	*	*	*	*	*	*	*	*
Unspecified (457.9)	*	*	*	*	*	*	*	*	*
Hypotension (458)	.4	.3	.4	.3	.4	.5	.5	.6	.6
Orthostatic hypotension (458.0)	*	*	*	*	*	*	*	*	*
Chronic hypotension (458.1)	*	*	*	*	*	*	*	*	*
Unspecified (458.9)	.4	.3	.4	.3	.4	.5	.5	.6	.6

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Diseases of veins and lymphatics, and other diseases of circulatory system-Con.									
Other disorders of circulatory system (459)	904	431	473	352	417	79	56	71	49
Hemorrhage, unspecified (459.0)	397	195	202	161	169	34	33	29	27
Post-phlebitic syndrome (459.1)	1	-	1	-	1	-	-	-	-
Compression of vein (459.2)	30	14	16	11	15	3	1	3	1
Other (459.8)	23	9	14	7	12	2	2	2	2
Unspecified (459.9)	453	213	240	173	220	40	20	37	19
VIII. Diseases of the respiratory system (460-519)									
Acute respiratory infections (460-466)	897	386	511	335	454	51	57	48	46
Acute nasopharyngitis (common cold) (460)	6	5	1	4	1	1	-	1	-
Acute sinusitis (461)	10	5	5	4	4	1	1	1	1
Maxillary (461.0)	1	-	1	-	1	-	-	-	-
Frontal (461.1)	-	-	-	-	-	-	-	-	-
Ethmoidal (461.2)	-	-	-	-	-	-	-	-	-
Sphenoidal (461.3)	-	-	-	-	-	-	-	-	-
Other (461.8)	1	1	-	1	-	-	-	-	-
Unspecified (461.9)	8	4	4	3	3	1	1	1	1
Acute pharyngitis (462)	21	8	13	6	12	2	1	2	1
Acute tonsillitis (463)	3	1	2	-	2	1	-	1	-
Acute laryngitis and tracheitis (464)	73	37	36	31	26	6	10	6	8
Acute laryngitis (464.0)	14	7	7	7	6	-	1	-	1
Acute tracheitis (464.1)	14	7	7	6	5	1	2	1	1
Acute laryngotracheitis (464.2)	6	2	4	2	3	-	1	-	1
Acute epiglottitis (464.3)	36	19	17	14	12	5	5	5	5
Croup (464.4)	3	2	1	2	-	-	1	-	-
Acute upper respiratory infections of multiple or unspecified sites (465)	151	61	90	57	83	4	7	4	5
Acute laryngopharyngitis (465.0)	-	-	-	-	-	-	-	-	-
Other multiple sites (465.8)	-	-	-	-	-	-	-	-	-
Unspecified site (465.9)	151	61	90	57	83	4	7	4	5
Acute bronchitis and bronchiolitis (466)	633	269	364	233	326	36	38	33	31
Acute bronchitis (466.0)	533	220	313	204	289	16	24	14	18
Acute bronchiolitis (466.1)	100	49	51	29	37	20	14	19	13
Other diseases of upper respiratory tract (470-478)	328	172	156	145	131	27	25	22	22
Deflected nasal septum (470)	-	-	-	-	-	-	-	-	-
Nasal polyps (471)	1	-	1	-	1	-	-	-	-
Polyp of nasal cavity (471.0)	-	-	-	-	-	-	-	-	-
Polypoid sinus degeneration (471.1)	-	-	-	-	-	-	-	-	-
Other polyp of sinus (471.8)	-	-	-	-	-	-	-	-	-
Unspecified (471.9)	1	-	1	-	1	-	-	-	-
Chronic pharyngitis and nasopharyngitis (472)	3	1	2	-	2	1	-	-	-
Chronic rhinitis (472.0)	2	-	2	-	2	-	-	-	-
Chronic pharyngitis (472.1)	1	1	-	-	-	1	-	-	-
Chronic nasopharyngitis (472.2)	-	-	-	-	-	-	-	-	-
Chronic sinusitis (473)	77	41	36	38	29	3	7	3	5
Maxillary (473.0)	7	3	4	3	3	-	1	-	1
Frontal (473.1)	1	1	-	1	-	-	-	-	-
Ethmoidal (473.2)	2	2	-	1	-	1	-	1	-
Sphenoidal (473.3)	3	2	1	1	-	1	1	1	1
Other (473.8)	7	4	3	4	1	-	2	-	1
Unspecified (473.9)	57	29	28	28	25	1	3	1	2
Chronic disease of tonsils and adenoids (474)	2	1	1	1	1	-	-	-	-
Chronic tonsillitis (474.0)	-	-	-	-	-	-	-	-	-
Hypertrophy of tonsils and adenoids (474.1)	1	1	-	1	-	-	-	-	-
Adenoid vegetations (474.2)	-	-	-	-	-	-	-	-	-
Other chronic disease of tonsils and adenoids (474.8)	-	-	-	-	-	-	-	-	-
Unspecified (474.9)	1	-	1	-	1	-	-	-	-
Peritonsillar abscess (475)	24	13	11	11	11	2	-	2	-
Chronic laryngitis and laryngotracheitis (476)	4	1	3	1	2	-	1	-	1
Chronic laryngitis (476.0)	3	1	2	1	1	-	1	-	1
Chronic laryngotracheitis (476.1)	1	-	1	-	1	-	-	-	-
Allergic rhinitis (477)	9	4	5	4	4	-	1	-	1
Due to pollen (477.0)	-	-	-	-	-	-	-	-	-
Due to other allergen (477.8)	1	-	1	-	1	-	-	-	-
Cause unspecified (477.9)	8	4	4	4	3	-	1	-	1
Other diseases of upper respiratory tract (478)	208	111	97	90	81	21	16	17	15
Hypertrophy of nasal turbinates (478.0)	1	-	1	-	1	-	-	-	-
Other diseases of nasal cavity and sinuses (478.1)	4	1	3	1	1	-	2	-	2
Other diseases of pharynx, not elsewhere classified (478.2)	90	56	34	50	29	6	5	4	5
Paralysis of vocal cords or larynx (478.3)	31	14	17	12	15	2	2	1	2
Polyp of vocal cord or larynx (478.4)	1	-	1	-	1	-	-	-	-
Other diseases of vocal cords (478.5)	1	-	1	-	-	-	1	-	1
Edema of larynx (478.6)	17	10	7	7	7	3	-	2	-
Other diseases of larynx, not elsewhere classified (478.7)	49	22	27	13	21	9	6	9	5
Upper respiratory tract hypersensitivity reaction, site unspecified (478.8)	1	-	1	-	1	-	-	-	-
Other and unspecified diseases of upper respiratory tract (478.9)	13	8	5	7	5	1	-	1	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Diseases of veins and lymphatics, and other diseases of circulatory system-Con.									
Other disorders of circulatory system (459)	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.5	0.3
Hemorrhage, unspecified (459.0)	.2	.2	.2	.2	.2	.2	.2	.2	.2
Post-phlebitic syndrome (459.1)	*	*	*	*	*	*	*	*	*
Compression of vein (459.2)	.0	*	*	*	*	*	*	*	*
Other (459.8)	.0	*	*	*	*	*	*	*	*
Unspecified (459.9)	.2	.2	.2	.2	.2	.2	.1	.3	*
VIII. Diseases of the respiratory system (460-519)									
Acute respiratory infections (460-466)	.4	.3	.4	.3	.4	.3	.3	.3	.3
Acute nasopharyngitis (common cold) (460)	*	*	*	*	*	*	*	*	*
Acute sinusitis (461)	*	*	*	*	*	*	*	*	*
Maxillary (461.0)	*	*	*	*	*	*	*	*	*
Frontal (461.1)	*	*	*	*	*	*	*	*	*
Ethmoidal (461.2)	*	*	*	*	*	*	*	*	*
Sphenoidal (461.3)	*	*	*	*	*	*	*	*	*
Other (461.8)	*	*	*	*	*	*	*	*	*
Unspecified (461.9)	*	*	*	*	*	*	*	*	*
Acute pharyngitis (462)	.0	*	*	*	*	*	*	*	*
Acute tonsillitis (463)	*	*	*	*	*	*	*	*	*
Acute laryngitis and tracheitis (464)	.0	.0	.0	.0	.0	*	*	*	*
Acute laryngitis (464.0)	*	*	*	*	*	*	*	*	*
Acute tracheitis (464.1)	*	*	*	*	*	*	*	*	*
Acute laryngotracheitis (464.2)	*	*	*	*	*	*	*	*	*
Acute epiglottitis (464.3)	.0	*	*	*	*	*	*	*	*
Croup (464.4)	*	*	*	*	*	*	*	*	*
Acute upper respiratory infections of multiple or unspecified sites (465)	.1	.1	.1	.1	.1	*	*	*	*
Acute laryngopharyngitis (465.0)	*	*	*	*	*	*	*	*	*
Other multiple sites (465.8)	*	*	*	*	*	*	*	*	*
Unspecified site (465.9)	.1	.1	.1	.1	.1	*	*	*	*
Acute bronchitis and bronchiolitis (466)	.3	.2	.3	.2	.3	.2	.2	.2	.2
Acute bronchitis (466.0)	.2	.2	.2	.2	.3	*	.1	*	*
Acute bronchiolitis (466.1)	.0	.0	.0	.0	.0	.1	*	*	*
Other diseases of upper respiratory tract (470-478)	.1	.1	.1	.1	.1	.1	.1	.2	.1
Deflected nasal septum (470)	*	*	*	*	*	*	*	*	*
Nasal polyps (471)	*	*	*	*	*	*	*	*	*
Polyp of nasal cavity (471.0)	*	*	*	*	*	*	*	*	*
Polypoid sinus degeneration (471.1)	*	*	*	*	*	*	*	*	*
Other polyp of sinus (471.8)	*	*	*	*	*	*	*	*	*
Unspecified (471.9)	*	*	*	*	*	*	*	*	*
Chronic pharyngitis and nasopharyngitis (472)	*	*	*	*	*	*	*	*	*
Chronic rhinitis (472.0)	*	*	*	*	*	*	*	*	*
Chronic pharyngitis (472.1)	*	*	*	*	*	*	*	*	*
Chronic nasopharyngitis (472.2)	*	*	*	*	*	*	*	*	*
Chronic sinusitis (473)	.0	.0	.0	.0	.0	*	*	*	*
Maxillary (473.0)	*	*	*	*	*	*	*	*	*
Frontal (473.1)	*	*	*	*	*	*	*	*	*
Ethmoidal (473.2)	*	*	*	*	*	*	*	*	*
Sphenoidal (473.3)	*	*	*	*	*	*	*	*	*
Other (473.8)	*	*	*	*	*	*	*	*	*
Unspecified (473.9)	.0	.0	.0	.0	.0	*	*	*	*
Chronic disease of tonsils and adenoids (474)	*	*	*	*	*	*	*	*	*
Chronic tonsillitis (474.0)	*	*	*	*	*	*	*	*	*
Hypertrophy of tonsils and adenoids (474.1)	*	*	*	*	*	*	*	*	*
Adenoid vegetations (474.2)	*	*	*	*	*	*	*	*	*
Other chronic disease of tonsils and adenoids (474.8)	*	*	*	*	*	*	*	*	*
Unspecified (474.9)	*	*	*	*	*	*	*	*	*
Peritonsillar abscess (475)	.0	*	*	*	*	*	*	*	*
Chronic laryngitis and laryngotracheitis (476)	*	*	*	*	*	*	*	*	*
Chronic laryngitis (476.0)	*	*	*	*	*	*	*	*	*
Chronic laryngotracheitis (476.1)	*	*	*	*	*	*	*	*	*
Allergic rhinitis (477)	*	*	*	*	*	*	*	*	*
Due to pollen (477.0)	*	*	*	*	*	*	*	*	*
Due to other allergen (477.8)	*	*	*	*	*	*	*	*	*
Cause unspecified (477.9)	*	*	*	*	*	*	*	*	*
Other diseases of upper respiratory tract (478)	.1	.1	.1	.1	.1	.1	*	*	*
Hypertrophy of nasal turbinates (478.0)	*	*	*	*	*	*	*	*	*
Other diseases of nasal cavity and sinuses (478.1)	*	*	*	*	*	*	*	*	*
Other diseases of pharynx, not elsewhere classified (478.2)	.0	.0	.0	.0	.0	*	*	*	*
Paralysis of vocal cords or larynx (478.3)	.0	*	*	*	*	*	*	*	*
Polyp of vocal cord or larynx (478.4)	*	*	*	*	*	*	*	*	*
Other diseases of vocal cords (478.5)	*	*	*	*	*	*	*	*	*
Edema of larynx (478.6)	*	*	*	*	*	*	*	*	*
Other diseases of larynx, not elsewhere classified (478.7)	.0	.0	.0	*	.0	*	*	*	*
Upper respiratory tract hypersensitivity reaction, site unspecified (478.8)	*	*	*	*	*	*	*	*	*
Other and unspecified diseases of upper respiratory tract (478.9)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Pneumonia and influenza (480-487)	79,513	36,898	42,615	32,101	38,705	4,797	3,910	4,161	3,402
Viral pneumonia (480)	720	342	378	295	340	47	38	39	30
Pneumonia due to adenovirus (480.0)	7	3	4	2	4	1	–	1	–
Pneumonia due to respiratory syncytial virus (480.1)	32	21	11	13	6	8	5	7	4
Pneumonia due to parainfluenza virus (480.2)	2	1	1	–	–	1	1	–	–
Pneumonia due to other virus, not elsewhere classified (480.8)	6	2	4	2	1	–	3	–	2
Viral pneumonia, unspecified (480.9)	673	315	358	278	329	37	29	31	24
Pneumococcal pneumonia (481)	2,620	1,304	1,316	1,009	1,118	295	198	264	183
Other bacterial pneumonia (482)	3,607	1,922	1,685	1,640	1,452	282	233	248	208
Pneumonia due to Klebsiella pneumoniae (482.0)	285	157	128	123	110	34	18	30	16
Pneumonia due to Pseudomonas (482.1)	540	323	217	281	188	42	29	34	25
Pneumonia due to Hemophilus influenzae (H. influenzae) (482.2)	90	51	39	43	36	8	3	8	2
Pneumonia due to Streptococcus (482.3)	338	175	163	149	134	26	29	23	26
Pneumonia due to Staphylococcus (482.4)	887	475	412	418	366	57	46	52	42
Pneumonia due to other specified bacteria (482.8)	230	141	89	121	76	20	13	18	11
Bacterial pneumonia, unspecified (482.9)	1,237	600	637	505	542	95	95	83	86
Pneumonia due to other specified organism (483)	149	77	72	64	60	13	12	12	11
Bronchopneumonia, organism unspecified (485)	6,376	3,037	3,339	2,535	3,014	502	325	450	275
Pneumonia, organism unspecified (486)	63,943	29,417	34,526	25,807	31,473	3,610	3,053	3,102	2,651
Influenza (487)	2,098	799	1,299	751	1,248	48	51	46	44
With pneumonia (487.0)	1,040	435	605	411	580	24	25	23	22
With other respiratory manifestations (487.1)	1,023	353	670	329	645	24	25	23	22
With other manifestations (487.8)	35	11	24	11	23	–	1	–	–
Chronic obstructive pulmonary diseases and allied conditions (490-496)	86,679	49,416	37,263	45,234	34,945	4,182	2,318	3,628	2,027
Bronchitis, not specified as acute or chronic (490)	615	246	369	216	345	30	24	25	18
Chronic bronchitis (491)	2,985	1,632	1,353	1,510	1,294	122	59	100	47
Simple chronic bronchitis (491.0)	104	53	51	50	50	3	1	3	1
Mucopurulent chronic bronchitis (491.1)	28	17	11	14	11	3	–	3	–
Obstructive chronic bronchitis (491.2)	2,106	1,197	909	1,120	875	77	34	65	25
Other chronic bronchitis (491.8)	98	45	53	36	49	9	4	6	3
Unspecified (491.9)	649	320	329	290	309	30	20	23	18
Emphysema (492)	15,706	9,408	6,298	8,769	6,059	639	239	552	211
Asthma (493)	4,819	1,885	2,934	1,358	2,338	527	596	460	526
Extrinsic asthma (493.0)	53	26	27	18	21	8	6	8	5
Intrinsic asthma (493.1)	15	5	10	5	6	–	4	–	3
Asthma, unspecified (493.9)	4,751	1,854	2,897	1,335	2,311	519	586	452	518
Bronchiectasis (494)	929	331	598	302	571	29	27	23	13
Extrinsic allergic alveolitis (495)	26	19	7	17	7	2	–	1	–
Farmers' lung (495.0)	12	11	1	11	1	–	–	–	–
Bagassosis (495.1)	–	–	–	–	–	–	–	–	–
Bird fanciers' lung (495.2)	2	2	–	2	–	–	–	–	–
Suberosis (495.3)	–	–	–	–	–	–	–	–	–
Maltworkers' lung (495.4)	–	–	–	–	–	–	–	–	–
Mushroom-workers' lung (495.5)	–	–	–	–	–	–	–	–	–
Maple-bark-strippers' lung (495.6)	–	–	–	–	–	–	–	–	–
"Ventilation" pneumonitis (495.7)	–	–	–	–	–	–	–	–	–
Other allergic pneumonitis (495.8)	1	1	–	1	–	–	–	–	–
Unspecified allergic alveolitis (495.9)	11	5	6	3	6	2	–	1	–
Chronic airways obstruction, not elsewhere classified (496)	61,599	35,895	25,704	33,062	24,331	2,833	1,373	2,467	1,212
Pneumoconioses and other lung diseases due to external agents (500-508)	9,108	5,132	3,976	4,493	3,499	639	477	574	432
Coalworkers' pneumoconiosis (500)	734	727	7	702	6	25	1	25	1
Asbestosis (501)	302	282	20	263	19	19	1	19	–
Pneumoconiosis due to other silica or silicates (502)	150	146	4	119	4	27	–	26	–
Pneumoconiosis due to other inorganic dust (503)	4	2	2	2	2	–	–	–	–
Pneumopathy due to inhalation of other dust (504)	10	7	3	7	3	–	–	–	–
Pneumoconiosis, unspecified (505)	135	130	5	117	5	13	–	13	–
Respiratory conditions due to chemical fumes and vapors (506)	23	17	6	11	6	6	–	5	–
Bronchitis and pneumonitis due to fumes and vapors (506.0)	18	12	6	6	6	6	–	5	–
Acute pulmonary edema due to fumes and vapors (506.1)	2	2	–	2	–	–	–	–	–
Upper respiratory inflammation due to fumes and vapors (506.2)	–	–	–	–	–	–	–	–	–
Other acute and subacute respiratory conditions due to fumes and vapors (506.3)	–	–	–	–	–	–	–	–	–
Chronic respiratory conditions due to fumes and vapors (506.4)	3	3	–	3	–	–	–	–	–
Unspecified (506.9)	–	–	–	–	–	–	–	–	–
Pneumonitis due to solids and liquids (507)	7,702	3,795	3,907	3,250	3,433	545	474	482	431
Due to inhalation of food or vomit (507.0)	7,694	3,790	3,904	3,245	3,430	545	474	482	431
Due to inhalation of oils and essences (507.1)	8	5	3	5	3	–	–	–	–
Other (507.8)	–	–	–	–	–	–	–	–	–
Respiratory conditions due to other and unspecified external agents (508)	48	26	22	22	21	4	1	4	–
Acute pulmonary manifestations due to radiation (508.0)	34	22	12	19	11	3	1	3	–
Chronic and other pulmonary manifestations due to radiation (508.1)	10	4	6	3	6	1	–	1	–
Other (508.8)	4	–	4	–	4	–	–	–	–
Unspecified (508.9)	–	–	–	–	–	–	–	–	–

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Pneumonia and influenza (480-487)	32.0	30.4	33.4	31.4	36.3	25.1	18.7	28.9	21.2
Viral pneumonia (480)	.3	.3	.3	.3	.3	.2	.2	.3	.2
Pneumonia due to adenovirus (480.0)	*	*	*	*	*	*	*	*	*
Pneumonia due to respiratory syncytial virus (480.1)	.0	.0	*	*	*	*	*	*	*
Pneumonia due to parainfluenza virus (480.2)	*	*	*	*	*	*	*	*	*
Pneumonia due to other virus, not elsewhere classified (480.8)	*	*	*	*	*	*	*	*	*
Viral pneumonia, unspecified (480.9)	.3	.3	.3	.3	.3	.2	.1	.2	.1
Pneumococcal pneumonia (481)	1.1	1.1	1.0	1.0	1.0	1.5	.9	1.8	1.1
Other bacterial pneumonia (482)	1.5	1.6	1.3	1.6	1.4	1.5	1.1	1.7	1.3
Pneumonia due to Klebsiella pneumoniae (482.0)	.1	.1	.1	.1	.1	.2	*	.2	*
Pneumonia due to Pseudomonas (482.1)	.2	.3	.2	.3	.2	.2	.1	.2	.2
Pneumonia due to Hemophilus influenzae (H. influenzae) (482.2)	.0	.0	.0	.0	.0	*	*	*	*
Pneumonia due to Streptococcus (482.3)	.1	.1	.1	.1	.1	.1	.1	.2	.2
Pneumonia due to Staphylococcus (482.4)	.4	.4	.3	.4	.3	.3	.2	.4	.3
Pneumonia due to other specified bacteria (482.8)	.1	.1	.1	.1	.1	.1	*	*	*
Bacterial pneumonia, unspecified (482.9)	.5	.5	.5	.5	.5	.5	.5	.6	.5
Pneumonia due to other specified organism (483)	.1	.1	.1	.1	.1	*	*	*	*
Bronchopneumonia, organism unspecified (485)	2.6	2.5	2.6	2.5	2.8	2.6	1.6	3.1	1.7
Pneumonia, organism unspecified (486)	25.7	24.3	27.1	25.3	29.5	18.9	14.6	21.5	16.5
Influenza (487)	.8	.7	1.0	.7	1.2	.3	.2	.3	.3
With pneumonia (487.0)	.4	.4	.5	.4	.5	.1	.1	.2	.1
With other respiratory manifestations (487.1)	.4	.3	.5	.3	.6	.1	.1	.2	.1
With other manifestations (487.8)	.0	*	.0	*	.0	*	*	*	*
Chronic obstructive pulmonary diseases and allied conditions (490-496)	34.9	40.8	29.2	44.3	32.8	21.9	11.1	25.2	12.6
Bronchitis, not specified as acute or chronic (490)	.2	.2	.3	.2	.3	.2	.1	.2	*
Chronic bronchitis (491)	1.2	1.3	1.1	1.5	1.2	.6	.3	.7	.3
Simple chronic bronchitis (491.0)	.0	.0	.0	.0	.0	*	*	*	*
Mucopurulent chronic bronchitis (491.1)	.0	*	*	*	*	*	*	*	*
Obstructive chronic bronchitis (491.2)	.8	1.0	.7	1.1	.8	.4	.2	.5	.2
Other chronic bronchitis (491.8)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified (491.9)	.3	.3	.3	.3	.3	.2	.1	.2	*
Emphysema (492)	6.3	7.8	4.9	8.6	5.7	3.3	1.1	3.8	1.3
Asthma (493)	1.9	1.6	2.3	1.3	2.2	2.8	2.9	3.2	3.3
Extrinsic asthma (493.0)	.0	.0	.0	*	.0	*	*	*	*
Intrinsic asthma (493.1)	*	*	*	*	*	*	*	*	*
Asthma, unspecified (493.9)	1.9	1.5	2.3	1.3	2.2	2.7	2.8	3.1	3.2
Bronchiectasis (494)	.4	.3	.5	.3	.5	.2	.1	.2	*
Extrinsic allergic alveolitis (495)	.0	*	*	*	*	*	*	*	*
Farmers' lung (495.0)	*	*	*	*	*	*	*	*	*
Bagassosis (495.1)	*	*	*	*	*	*	*	*	*
Bird fanciers' lung (495.2)	*	*	*	*	*	*	*	*	*
Suberosis (495.3)	*	*	*	*	*	*	*	*	*
Maltworkers' lung (495.4)	*	*	*	*	*	*	*	*	*
Mushroom-workers' lung (495.5)	*	*	*	*	*	*	*	*	*
Maple-bark-strippers' lung (495.6)	*	*	*	*	*	*	*	*	*
"Ventilation" pneumonitis (495.7)	*	*	*	*	*	*	*	*	*
Other allergic pneumonitis (495.8)	*	*	*	*	*	*	*	*	*
Unspecified allergic alveolitis (495.9)	*	*	*	*	*	*	*	*	*
Chronic airways obstruction, not elsewhere classified (496)	24.8	29.6	20.2	32.4	22.8	14.8	6.6	17.1	7.5
Pneumoconioses and other lung diseases due to external agents (500-508)	3.7	4.2	3.1	4.4	3.3	3.3	2.3	4.0	2.7
Coalworkers' pneumoconiosis (500)	.3	.6	*	.7	*	.1	*	.2	*
Asbestosis (501)	.1	.2	.0	.3	*	*	*	*	*
Pneumoconiosis due to other silica or silicates (502)	.1	.1	*	.1	*	.1	*	.2	*
Pneumoconiosis due to other inorganic dust (503)	*	*	*	*	*	*	*	*	*
Pneumopathy due to inhalation of other dust (504)	*	*	*	*	*	*	*	*	*
Pneumoconiosis, unspecified (505)	.1	.1	*	.1	*	*	*	*	*
Respiratory conditions due to chemical fumes and vapors (506)	.0	*	*	*	*	*	*	*	*
Bronchitis and pneumonitis due to fumes and vapors (506.0)	*	*	*	*	*	*	*	*	*
Acute pulmonary edema due to fumes and vapors (506.1)	*	*	*	*	*	*	*	*	*
Upper respiratory inflammation due to fumes and vapors (506.2)	*	*	*	*	*	*	*	*	*
Other acute and subacute respiratory conditions due to fumes and vapors (506.3)	*	*	*	*	*	*	*	*	*
Chronic respiratory conditions due to fumes and vapors (506.4)	*	*	*	*	*	*	*	*	*
Unspecified (506.9)	*	*	*	*	*	*	*	*	*
Pneumonitis due to solids and liquids (507)	3.1	3.1	3.1	3.2	3.2	2.9	2.3	3.3	2.7
Due to inhalation of food or vomit (507.0)	3.1	3.1	3.1	3.2	3.2	2.9	2.3	3.3	2.7
Due to inhalation of oils and essences (507.1)	*	*	*	*	*	*	*	*	*
Other (507.8)	*	*	*	*	*	*	*	*	*
Respiratory conditions due to other and unspecified external agents (508)	.0	.0	.0	.0	.0	*	*	*	*
Acute pulmonary manifestations due to radiation (508.0)	.0	.0	*	*	*	*	*	*	*
Chronic and other pulmonary manifestations due to radiation (508.1)	*	*	*	*	*	*	*	*	*
Other (508.8)	*	*	*	*	*	*	*	*	*
Unspecified (508.9)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other diseases of respiratory system (510-519)	15,680	8,071	7,609	6,985	6,607	1,086	1,002	932	889
Empyema (510)	367	235	132	186	106	49	26	45	23
With fistula (510.0)	58	42	16	36	13	6	3	5	2
Without mention of fistula (510.9)	309	193	116	150	93	43	23	40	21
Pleurisy (511)	877	402	475	339	404	63	71	56	64
Without mention of effusion or current tuberculosis (511.0)	41	31	10	25	8	6	2	6	2
With effusion with mention of a bacterial cause other than tuberculosis (511.1)	2	1	1	1	1	-	-	-	-
Other specified forms of effusion, except tuberculous (511.8)	64	37	27	28	21	9	6	9	6
Unspecified pleural effusion (511.9)	770	333	437	285	374	48	63	41	56
Pneumothorax (512)	358	190	168	148	134	42	34	42	32
Abscess of lung and mediastinum (513)	442	297	145	205	116	92	29	84	28
Abscess of lung (513.0)	435	294	141	202	112	92	29	84	28
Abscess of mediastinum (513.1)	7	3	4	3	4	-	-	-	-
Pulmonary congestion and hypostasis (514)	771	344	427	282	358	62	69	59	66
Postinflammatory pulmonary fibrosis (515)	5,270	2,772	2,498	2,563	2,276	209	222	158	178
Other alveolar and parietoalveolar pneumopathy (516)	1,097	602	495	515	425	87	70	69	65
Pulmonary alveolar proteinosis (516.0)	8	4	4	2	4	2	-	2	-
Pulmonary alveolar microlithiasis (516.2)	1	-	1	-	-	-	1	-	1
Idiopathic fibrosing alveolitis (516.3)	163	97	66	90	57	7	9	5	9
Other (516.8)	923	500	423	423	363	77	60	61	55
Unspecified (516.9)	2	1	1	-	1	1	-	1	-
Other diseases of lung (518)	5,467	2,806	2,661	2,387	2,268	419	393	361	350
Pulmonary collapse (518.0)	215	96	119	73	105	23	14	23	13
Interstitial emphysema (518.1)	31	15	16	10	15	5	1	3	1
Compensatory emphysema (518.2)	1	-	1	-	1	-	-	-	-
Pulmonary eosinophilia (518.3)	252	147	105	126	92	21	13	20	12
Acute edema of lung, unspecified (518.4)	268	124	144	107	126	17	18	14	18
Pulmonary insufficiency following trauma and surgery (518.5)	1,672	876	796	714	630	162	166	139	153
Other diseases of lung, not elsewhere classified (518.8)	3,028	1,548	1,480	1,357	1,299	191	181	162	153
Other diseases of respiratory system (519)	1,031	423	608	360	520	63	88	58	83
Tracheostomy malfunction (519.0)	15	9	6	6	3	3	3	3	3
Other diseases of trachea and bronchus, not elsewhere classified (519.1)	259	111	148	88	109	23	39	22	36
Mediastinitis (519.2)	40	20	20	17	18	3	2	1	2
Other diseases of mediastinum, not elsewhere classified (519.3)	37	12	25	11	21	1	4	1	4
Disorders of diaphragm (519.4)	21	15	6	13	5	2	1	2	1
Other diseases of respiratory system, not elsewhere classified (519.8)	547	205	342	181	308	24	34	22	32
Unspecified (519.9)	112	51	61	44	56	7	5	7	5
IX. Diseases of the digestive system (520-579)									
Diseases of oral cavity, salivary glands, and jaws (520-529)	101	57	44	45	37	12	7	11	3
Disorders of tooth development and eruption (520)	-	-	-	-	-	-	-	-	-
Anodontia (520.0)	-	-	-	-	-	-	-	-	-
Supernumerary teeth (520.1)	-	-	-	-	-	-	-	-	-
Abnormalities of size and form (520.2)	-	-	-	-	-	-	-	-	-
Mottled teeth (520.3)	-	-	-	-	-	-	-	-	-
Disturbances of tooth formation (520.4)	-	-	-	-	-	-	-	-	-
Hereditary disturbances in tooth structure, not elsewhere classified (520.5)	-	-	-	-	-	-	-	-	-
Disturbances in tooth eruption (520.6)	-	-	-	-	-	-	-	-	-
Teething syndrome (520.7)	-	-	-	-	-	-	-	-	-
Other disorders of tooth development (520.8)	-	-	-	-	-	-	-	-	-
Unspecified (520.9)	-	-	-	-	-	-	-	-	-
Diseases of hard tissues of teeth (521)	1	-	1	-	1	-	-	-	-
Dental caries (521.0)	1	-	1	-	1	-	-	-	-
Excessive attrition (521.1)	-	-	-	-	-	-	-	-	-
Abrasion (521.2)	-	-	-	-	-	-	-	-	-
Erosion (521.3)	-	-	-	-	-	-	-	-	-
Pathological resorption (521.4)	-	-	-	-	-	-	-	-	-
Hypercementosis (521.5)	-	-	-	-	-	-	-	-	-
Ankylosis of teeth (521.6)	-	-	-	-	-	-	-	-	-
Posteruptive color changes (521.7)	-	-	-	-	-	-	-	-	-
Other diseases of hard tissues of teeth (521.8)	-	-	-	-	-	-	-	-	-
Unspecified (521.9)	-	-	-	-	-	-	-	-	-
Diseases of pulp and periapical tissues (522)	12	8	4	7	3	1	1	1	1
Pulpitis (522.0)	-	-	-	-	-	-	-	-	-
Necrosis of the pulp (522.1)	-	-	-	-	-	-	-	-	-
Pulp degeneration (522.2)	-	-	-	-	-	-	-	-	-
Abnormal hard tissue formation in pulp (522.3)	-	-	-	-	-	-	-	-	-
Acute apical periodontitis of pulpal origin (522.4)	3	3	-	2	-	1	-	1	-
Periapical abscess without sinus (522.5)	8	4	4	4	3	-	1	-	1
Chronic apical periodontitis (522.6)	-	-	-	-	-	-	-	-	-
Periapical abscess with sinus (522.7)	-	-	-	-	-	-	-	-	-
Radicular cyst (522.8)	-	-	-	-	-	-	-	-	-
Other and unspecified (522.9)	1	1	-	1	-	-	-	-	-
Gingival and periodontal diseases (523)	12	6	6	5	6	1	-	1	-
Acute gingivitis (523.0)	-	-	-	-	-	-	-	-	-
Chronic gingivitis (523.1)	2	1	1	1	1	-	-	-	-
Gingival recession (523.2)	-	-	-	-	-	-	-	-	-
Acute periodontitis (523.3)	3	-	3	-	3	-	-	-	-
Chronic periodontitis (523.4)	3	2	1	1	1	1	-	1	-
Periodontosis (523.5)	1	-	1	-	1	-	-	-	-
Accretions on teeth (523.6)	-	-	-	-	-	-	-	-	-
Other periodontal diseases (523.8)	2	2	-	2	-	-	-	-	-
Unspecified (523.9)	1	1	-	1	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other diseases of respiratory system (510-519)	6.3	6.7	6.0	6.8	6.2	5.7	4.8	6.5	5.5
Empyema (510)	.1	.2	.1	.2	.1	.3	.1	.3	.1
With fistula (510.0)	.0	.0	*	.0	*	*	*	*	*
Without mention of fistula (510.9)	.1	.2	.1	.1	.1	.2	.1	.3	.1
Pleurisy (511)	.4	.3	.4	.3	.4	.3	.3	.4	.4
Without mention of effusion or current tuberculosis (511.0)	.0	.0	*	.0	*	*	*	*	*
With effusion with mention of a bacterial cause other than tuberculosis (511.1)	*	*	*	*	*	*	*	*	*
Other specified forms of effusion, except tuberculous (511.8)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified pleural effusion (511.9)	.3	.3	.3	.3	.4	.3	.3	.3	.3
Pneumothorax (512)	.1	.2	.1	.1	.1	.2	.2	.3	.2
Abscess of lung and mediastinum (513)	.2	.2	.1	.2	.1	.5	.1	.6	.2
Abscess of lung (513.0)	.2	.2	.1	.2	.1	.5	.1	.6	.2
Abscess of mediastinum (513.1)	*	*	*	*	*	*	*	*	*
Pulmonary congestion and hypostasis (514)	.3	.3	.3	.3	.3	.3	.3	.4	.4
Postinflammatory pulmonary fibrosis (515)	2.1	2.3	2.0	2.5	2.1	1.1	1.1	1.1	1.1
Other alveolar and parietoalveolar pneumopathy (516)	.4	.5	.4	.5	.4	.5	.3	.5	.4
Pulmonary alveolar proteinosis (516.0)	*	*	*	*	*	*	*	*	*
Pulmonary alveolar microlithiasis (516.2)	*	*	*	*	*	*	*	*	*
Idiopathic fibrosing alveolitis (516.3)	.1	.1	.1	.1	.1	*	*	*	*
Other (516.8)	.4	.4	.3	.4	.3	.4	.3	.4	.3
Unspecified (516.9)	*	*	*	*	*	*	*	*	*
Other diseases of lung (518)	2.2	2.3	2.1	2.3	2.1	2.2	1.9	2.5	2.2
Pulmonary collapse (518.0)	.1	.1	.1	.1	.1	.1	*	.2	*
Interstitial emphysema (518.1)	.0	*	*	*	*	*	*	*	*
Compensatory emphysema (518.2)	*	*	*	*	*	*	*	*	*
Pulmonary eosinophilia (518.3)	.1	.1	.1	.1	.1	.1	*	.1	*
Acute edema of lung, unspecified (518.4)	.1	.1	.1	.1	.1	*	*	*	*
Pulmonary insufficiency following trauma and surgery (518.5)	.7	.7	.6	.7	.6	.8	.8	1.0	1.0
Other diseases of lung, not elsewhere classified (518.8)	1.2	1.3	1.2	1.3	1.2	1.0	.9	1.1	1.0
Other diseases of respiratory system (519)	.4	.3	.5	.4	.5	.3	.4	.4	.5
Tracheostomy malfunction (519.0)	*	*	*	*	*	*	*	*	*
Other diseases of trachea and bronchus, not elsewhere classified (519.1)	.1	.1	.1	.1	.1	.1	.2	.2	.2
Mediastinitis (519.2)	.0	.0	.0	*	*	*	*	*	*
Other diseases of mediastinum, not elsewhere classified (519.3)	.0	*	.0	*	*	*	*	*	*
Disorders of diaphragm (519.4)	.0	*	*	*	.0	*	*	*	*
Other diseases of respiratory system, not elsewhere classified (519.8)	.2	.2	.3	.2	.3	.1	.2	.2	.2
Unspecified (519.9)	.0	.0	.0	.0	.1	*	*	*	*
IX. Diseases of the digestive system (520-579)									
Diseases of oral cavity, salivary glands, and jaws (520-529)	.0	.0	.0	.0	.0	*	*	*	*
Disorders of tooth development and eruption (520)	*	*	*	*	*	*	*	*	*
Anodontia (520.0)	*	*	*	*	*	*	*	*	*
Supernumerary teeth (520.1)	*	*	*	*	*	*	*	*	*
Abnormalities of size and form (520.2)	*	*	*	*	*	*	*	*	*
Mottled teeth (520.3)	*	*	*	*	*	*	*	*	*
Disturbances of tooth formation (520.4)	*	*	*	*	*	*	*	*	*
Hereditary disturbances in tooth structure, not elsewhere classified (520.5)	*	*	*	*	*	*	*	*	*
Disturbances in tooth eruption (520.6)	*	*	*	*	*	*	*	*	*
Teething syndrome (520.7)	*	*	*	*	*	*	*	*	*
Other disorders of tooth development (520.8)	*	*	*	*	*	*	*	*	*
Unspecified (520.9)	*	*	*	*	*	*	*	*	*
Diseases of hard tissues of teeth (521)	*	*	*	*	*	*	*	*	*
Dental caries (521.0)	*	*	*	*	*	*	*	*	*
Excessive attrition (521.1)	*	*	*	*	*	*	*	*	*
Abrasion (521.2)	*	*	*	*	*	*	*	*	*
Erosion (521.3)	*	*	*	*	*	*	*	*	*
Pathological resorption (521.4)	*	*	*	*	*	*	*	*	*
Hypercementosis (521.5)	*	*	*	*	*	*	*	*	*
Ankylosis of teeth (521.6)	*	*	*	*	*	*	*	*	*
Posteruptive color changes (521.7)	*	*	*	*	*	*	*	*	*
Other diseases of hard tissues of teeth (521.8)	*	*	*	*	*	*	*	*	*
Unspecified (521.9)	*	*	*	*	*	*	*	*	*
Diseases of pulp and periapical tissues (522)	*	*	*	*	*	*	*	*	*
Pulpitis (522.0)	*	*	*	*	*	*	*	*	*
Necrosis of the pulp (522.1)	*	*	*	*	*	*	*	*	*
Pulp degeneration (522.2)	*	*	*	*	*	*	*	*	*
Abnormal hard tissue formation in pulp (522.3)	*	*	*	*	*	*	*	*	*
Acute apical periodontitis of pulpal origin (522.4)	*	*	*	*	*	*	*	*	*
Periapical abscess without sinus (522.5)	*	*	*	*	*	*	*	*	*
Chronic apical periodontitis (522.6)	*	*	*	*	*	*	*	*	*
Periapical abscess with sinus (522.7)	*	*	*	*	*	*	*	*	*
Radicular cyst (522.8)	*	*	*	*	*	*	*	*	*
Other and unspecified (522.9)	*	*	*	*	*	*	*	*	*
Gingival and periodontal diseases (523)	*	*	*	*	*	*	*	*	*
Acute gingivitis (523.0)	*	*	*	*	*	*	*	*	*
Chronic gingivitis (523.1)	*	*	*	*	*	*	*	*	*
Gingival recession (523.2)	*	*	*	*	*	*	*	*	*
Acute periodontitis (523.3)	*	*	*	*	*	*	*	*	*
Chronic periodontitis (523.4)	*	*	*	*	*	*	*	*	*
Periodontosis (523.5)	*	*	*	*	*	*	*	*	*
Accretions on teeth (523.6)	*	*	*	*	*	*	*	*	*
Other periodontal diseases (523.8)	*	*	*	*	*	*	*	*	*
Unspecified (523.9)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Diseases of oral cavity, salivary glands, and jaws-Con.									
Dentofacial anomalies, including malocclusion (524)	2	1	1	1	-	-	1	-	-
Major anomalies of jaw size (524.0)	1	1	-	1	-	-	-	-	-
Anomalies of relationship of jaw to cranial base (524.1)	-	-	-	-	-	-	-	-	-
Anomalies of dental arch relationship (524.2)	-	-	-	-	-	-	-	-	-
Anomalies of tooth position (524.3)	-	-	-	-	-	-	-	-	-
Malocclusion, unspecified (524.4)	-	-	-	-	-	-	-	-	-
Dentofacial functional abnormalities (524.5)	-	-	-	-	-	-	-	-	-
Temporomandibular joint disorders (524.6)	-	-	-	-	-	-	-	-	-
Other dentofacial anomalies (524.8)	-	-	-	-	-	-	-	-	-
Unspecified (524.9)	1	-	1	-	-	-	1	-	-
Other diseases and conditions of the teeth and supporting structures (525)	6	4	2	4	1	-	1	-	-
Exfoliation of teeth due to systemic causes (525.0)	-	-	-	-	-	-	-	-	-
Loss of teeth due to accident, extraction or local periodontal disease (525.1)	-	-	-	-	-	-	-	-	-
Atrophy of edentulous alveolar ridge (525.2)	-	-	-	-	-	-	-	-	-
Retained dental root (525.3)	-	-	-	-	-	-	-	-	-
Other (525.8)	5	3	2	3	1	-	1	-	-
Unspecified (525.9)	1	1	-	1	-	-	-	-	-
Diseases of the jaws (526)	4	3	1	2	1	1	-	1	-
Developmental odontogenic cysts (526.0)	-	-	-	-	-	-	-	-	-
Fissural cysts of jaw (526.1)	-	-	-	-	-	-	-	-	-
Other cysts of jaws (526.2)	-	-	-	-	-	-	-	-	-
Central giant cell (reparative) granuloma (526.3)	-	-	-	-	-	-	-	-	-
Inflammatory conditions (526.4)	3	2	1	1	1	1	-	1	-
Alveolitis of jaw (526.5)	-	-	-	-	-	-	-	-	-
Other diseases of the jaws (526.8)	-	-	-	-	-	-	-	-	-
Unspecified (526.9)	1	1	-	1	-	-	-	-	-
Diseases of the salivary glands (527)	32	14	18	12	16	2	2	2	1
Atrophy (527.0)	-	-	-	-	-	-	-	-	-
Hypertrophy (527.1)	-	-	-	-	-	-	-	-	-
Sialoadenitis (527.2)	30	12	18	10	16	2	2	2	1
Abscess (527.3)	1	1	-	1	-	-	-	-	-
Fistula (527.4)	-	-	-	-	-	-	-	-	-
Sialolithiasis (527.5)	-	-	-	-	-	-	-	-	-
Mucocele (527.6)	-	-	-	-	-	-	-	-	-
Disturbance of salivary secretion (527.7)	-	-	-	-	-	-	-	-	-
Other (527.8)	1	1	-	1	-	-	-	-	-
Unspecified (527.9)	-	-	-	-	-	-	-	-	-
Diseases of the oral soft tissues, excluding lesions specific for gingiva and tongue (528)	31	21	10	14	8	7	2	6	1
Stomatitis (528.0)	4	2	2	1	1	1	1	1	1
Cancrum oris (528.1)	-	-	-	-	-	-	-	-	-
Oral aphthae (528.2)	1	-	1	-	1	-	-	-	-
Cellulitis and abscess (528.3)	9	6	3	2	3	4	-	3	-
Cysts (528.4)	-	-	-	-	-	-	-	-	-
Diseases of lips (528.5)	1	1	-	1	-	-	-	-	-
Leukoplakia of oral mucosa, including tongue (528.6)	-	-	-	-	-	-	-	-	-
Other disturbances of oral epithelium, including tongue (528.7)	-	-	-	-	-	-	-	-	-
Oral submucous fibrosis, including of tongue (528.8)	-	-	-	-	-	-	-	-	-
Other and unspecified (528.9)	16	12	4	10	3	2	1	2	-
Diseases and other conditions of the tongue (529)	1	-	1	-	1	-	-	-	-
Glossitis (529.0)	1	-	1	-	1	-	-	-	-
Geographic tongue (529.1)	-	-	-	-	-	-	-	-	-
Median rhomboid glossitis (529.2)	-	-	-	-	-	-	-	-	-
Hypertrophy of tongue papillae (529.3)	-	-	-	-	-	-	-	-	-
Atrophy of tongue papillae (529.4)	-	-	-	-	-	-	-	-	-
Plicated tongue (529.5)	-	-	-	-	-	-	-	-	-
Glossodynia (529.6)	-	-	-	-	-	-	-	-	-
Other conditions of the tongue (529.8)	-	-	-	-	-	-	-	-	-
Unspecified (529.9)	-	-	-	-	-	-	-	-	-
Diseases of esophagus, stomach, and duodenum (530-537)	9,290	4,528	4,762	3,983	4,318	545	444	479	395
Diseases of esophagus (530)	1,851	953	898	869	812	84	86	73	81
Achalasia and cardiospasm (530.0)	71	34	37	30	33	4	4	4	4
Esophagitis (530.1)	552	277	275	246	245	31	30	27	29
Ulcer of esophagus (530.2)	127	69	58	64	54	5	4	5	3
Stricture and stenosis of esophagus (530.3)	298	146	152	136	145	10	7	8	7
Perforation of esophagus (530.4)	201	104	97	91	91	13	6	12	6
Dyskinesia of esophagus (530.5)	192	95	97	89	91	6	6	4	6
Diverticulum of esophagus, acquired (530.6)	67	34	33	34	32	-	1	-	1
Gastro-esophageal laceration-hemorrhage syndrome (530.7)	75	46	29	45	24	1	5	1	4
Other disorders of esophagus (530.8)	218	117	101	104	79	13	22	11	20
Unspecified (530.9)	50	31	19	30	18	1	1	1	1
Gastric ulcer (531)	1,886	857	1,029	713	930	144	99	121	85
Acute with hemorrhage (531.0)	21	11	10	10	6	1	4	1	3
Acute with perforation (531.1)	2	2	-	2	-	-	-	-	-
Acute with hemorrhage and perforation (531.2)	2	2	-	1	-	1	-	-	-
Acute without mention of hemorrhage or perforation (531.3)	6	3	3	1	2	2	1	2	1
Chronic or unspecified with hemorrhage (531.4)	937	476	461	396	410	80	51	66	45
Chronic or unspecified with perforation (531.5)	649	249	400	211	367	38	33	35	29
Chronic or unspecified with hemorrhage and perforation (531.6)	79	37	42	33	41	4	1	4	1
Chronic without mention of hemorrhage or perforation (531.7)	3	-	3	-	3	-	-	-	-
Unspecified as acute or chronic without mention of hemorrhage or perforation (531.9)	187	77	110	59	101	18	9	13	6
Duodenal ulcer (532)	1,998	1,043	955	927	874	116	81	102	66
Acute with hemorrhage (532.0)	24	14	10	14	8	-	2	-	2
Acute with perforation (532.1)	8	5	3	5	3	-	-	-	-
Acute with hemorrhage and perforation (532.2)	-	-	-	-	-	-	-	-	-
Acute without mention of hemorrhage or perforation (532.3)	4	2	2	2	1	-	1	-	1
Chronic or unspecified with hemorrhage (532.4)	922	507	415	459	376	48	39	42	28
Chronic or unspecified with perforation (532.5)	794	373	421	319	390	54	31	47	29

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Diseases of oral cavity, salivary glands, and jaws-Con.									
Dentofacial anomalies, including malocclusion (524)	*	*	*	*	*	*	*	*	*
Major anomalies of jaw size (524.0)	*	*	*	*	*	*	*	*	*
Anomalies of relationship of jaw to cranial base (524.1)	*	*	*	*	*	*	*	*	*
Anomalies of dental arch relationship (524.2)	*	*	*	*	*	*	*	*	*
Anomalies of tooth position (524.3)	*	*	*	*	*	*	*	*	*
Malocclusion, unspecified (524.4)	*	*	*	*	*	*	*	*	*
Dentofacial functional abnormalities (524.5)	*	*	*	*	*	*	*	*	*
Temporomandibular joint disorders (524.6)	*	*	*	*	*	*	*	*	*
Other dentofacial anomalies (524.8)	*	*	*	*	*	*	*	*	*
Unspecified (524.9)	*	*	*	*	*	*	*	*	*
Other diseases and conditions of the teeth and supporting structures (525)	*	*	*	*	*	*	*	*	*
Exfoliation of teeth due to systemic causes (525.0)	*	*	*	*	*	*	*	*	*
Loss of teeth due to accident, extraction or local periodontal disease (525.1)	*	*	*	*	*	*	*	*	*
Atrophy of edentulous alveolar ridge (525.2)	*	*	*	*	*	*	*	*	*
Retained dental root (525.3)	*	*	*	*	*	*	*	*	*
Other (525.8)	*	*	*	*	*	*	*	*	*
Unspecified (525.9)	*	*	*	*	*	*	*	*	*
Diseases of the jaws (526)	*	*	*	*	*	*	*	*	*
Developmental odontogenic cysts (526.0)	*	*	*	*	*	*	*	*	*
Fissural cysts of jaw (526.1)	*	*	*	*	*	*	*	*	*
Other cysts of jaws (526.2)	*	*	*	*	*	*	*	*	*
Central giant cell (reparative) granuloma (526.3)	*	*	*	*	*	*	*	*	*
Inflammatory conditions (526.4)	*	*	*	*	*	*	*	*	*
Alveolitis of jaw (526.5)	*	*	*	*	*	*	*	*	*
Other diseases of the jaws (526.8)	*	*	*	*	*	*	*	*	*
Unspecified (526.9)	*	*	*	*	*	*	*	*	*
Diseases of the salivary glands (527)	0.0	*	*	*	*	*	*	*	*
Atrophy (527.0)	*	*	*	*	*	*	*	*	*
Hypertrophy (527.1)	*	*	*	*	*	*	*	*	*
Sialoadenitis (527.2)	.0	*	*	*	*	*	*	*	*
Abscess (527.3)	*	*	*	*	*	*	*	*	*
Fistula (527.4)	*	*	*	*	*	*	*	*	*
Sialolithiasis (527.5)	*	*	*	*	*	*	*	*	*
Mucocele (527.6)	*	*	*	*	*	*	*	*	*
Disturbance of salivary secretion (527.7)	*	*	*	*	*	*	*	*	*
Other (527.8)	*	*	*	*	*	*	*	*	*
Unspecified (527.9)	*	*	*	*	*	*	*	*	*
Diseases of the oral soft tissues, excluding lesions specific for gingiva and tongue (528)	.0	0.0	*	*	*	*	*	*	*
Stomatitis (528.0)	*	*	*	*	*	*	*	*	*
Cancrum oris (528.1)	*	*	*	*	*	*	*	*	*
Oral aphthae (528.2)	*	*	*	*	*	*	*	*	*
Cellulitis and abscess (528.3)	*	*	*	*	*	*	*	*	*
Cysts (528.4)	*	*	*	*	*	*	*	*	*
Diseases of lips (528.5)	*	*	*	*	*	*	*	*	*
Leukoplakia of oral mucosa, including tongue (528.6)	*	*	*	*	*	*	*	*	*
Other disturbances of oral epithelium, including tongue (528.7)	*	*	*	*	*	*	*	*	*
Oral submucous fibrosis, including of tongue (528.8)	*	*	*	*	*	*	*	*	*
Other and unspecified (528.9)	*	*	*	*	*	*	*	*	*
Diseases and other conditions of the tongue (529)	*	*	*	*	*	*	*	*	*
Glossitis (529.0)	*	*	*	*	*	*	*	*	*
Geographic tongue (529.1)	*	*	*	*	*	*	*	*	*
Median rhomboid glossitis (529.2)	*	*	*	*	*	*	*	*	*
Hypertrophy of tongue papillae (529.3)	*	*	*	*	*	*	*	*	*
Atrophy of tongue papillae (529.4)	*	*	*	*	*	*	*	*	*
Plicated tongue (529.5)	*	*	*	*	*	*	*	*	*
Glossodynia (529.6)	*	*	*	*	*	*	*	*	*
Other conditions of the tongue (529.8)	*	*	*	*	*	*	*	*	*
Unspecified (529.9)	*	*	*	*	*	*	*	*	*
Diseases of esophagus, stomach, and duodenum (530-537)	3.7	3.7	3.7	3.9	4.1	2.9	2.1	3.3	2.5
Diseases of esophagus (530)	.7	.8	.7	.9	.8	.4	.4	.5	.5
Achalasia and cardiospasm (530.0)	.0	.0	.0	.0	.0	*	*	*	*
Esophagitis (530.1)	.2	.2	.2	.2	.2	.2	.1	.2	.2
Ulcer of esophagus (530.2)	.1	.1	.0	.1	.1	*	*	*	*
Stricture and stenosis of esophagus (530.3)	.1	.1	.1	.1	.1	*	*	*	*
Perforation of esophagus (530.4)	.1	.1	.1	.1	.1	*	*	*	*
Dyskinesia of esophagus (530.5)	.1	.1	.1	.1	.1	*	*	*	*
Diverticulum of esophagus, acquired (530.6)	.0	.0	.0	.0	.0	*	*	*	*
Gastro-esophageal laceration-hemorrhage syndrome (530.7)	.0	.0	.0	.0	.0	*	*	*	*
Other disorders of esophagus (530.8)	.1	.1	.1	.1	.1	*	.1	*	.1
Unspecified (530.9)	.0	.0	*	.0	*	*	*	*	*
Gastric ulcer (531)	.8	.7	.8	.7	.9	.8	.5	.8	.5
Acute with hemorrhage (531.0)	.0	*	*	*	*	*	*	*	*
Acute with perforation (531.1)	*	*	*	*	*	*	*	*	*
Acute with hemorrhage and perforation (531.2)	*	*	*	*	*	*	*	*	*
Acute without mention of hemorrhage or perforation (531.3)	*	*	*	*	*	*	*	*	*
Chronic or unspecified with hemorrhage (531.4)	.4	.4	.4	.4	.4	.4	.2	.5	.3
Chronic or unspecified with perforation (531.5)	.3	.2	.3	.2	.3	.2	.2	.2	.2
Chronic or unspecified with hemorrhage and perforation (531.6)	.0	.0	.0	.0	.0	*	*	*	*
Chronic without mention of hemorrhage or perforation (531.7)	*	*	*	*	*	*	*	*	*
Unspecified as acute or chronic without mention of hemorrhage or perforation (531.9)	.1	.1	.1	.1	.1	*	*	*	*
Duodenal ulcer (532)	.8	.9	.7	.9	.8	.6	.4	.7	.4
Acute with hemorrhage (532.0)	.0	*	*	*	*	*	*	*	*
Acute with perforation (532.1)	*	*	*	*	*	*	*	*	*
Acute with hemorrhage and perforation (532.2)	*	*	*	*	*	*	*	*	*
Acute without mention of hemorrhage or perforation (532.3)	*	*	*	*	*	*	*	*	*
Chronic or unspecified with hemorrhage (532.4)	.4	.4	.3	.4	.4	.3	.2	.3	.2
Chronic or unspecified with perforation (532.5)	.3	.3	.3	.3	.4	.3	.1	.3	.2

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Duodenal ulcer-Con.									
Chronic or unspecified with hemorrhage and perforation (532.6)	85	48	37	43	33	5	4	4	4
Chronic without mention of hemorrhage or perforation (532.7)	1	1	–	–	–	1	–	1	–
Unspecified as acute or chronic without mention of hemorrhage or perforation (532.9)	160	93	67	85	63	8	4	8	2
Peptic ulcer, site unspecified (533)	2,302	1,073	1,229	954	1,119	119	110	109	99
Acute with hemorrhage (533.0)	24	10	14	8	13	2	1	2	1
Acute with perforation (533.1)	–	–	–	–	–	–	–	–	–
Acute with hemorrhage and perforation (533.2)	2	2	–	2	–	–	–	–	–
Acute without mention of hemorrhage or perforation (533.3)	7	3	4	3	4	–	–	–	–
Chronic or unspecified with hemorrhage (533.4)	1,323	676	647	601	585	75	62	68	55
Chronic or unspecified with perforation (533.5)	541	197	344	174	313	23	31	23	29
Chronic or unspecified with hemorrhage and perforation (533.6)	55	24	31	22	26	2	5	2	4
Chronic without mention of hemorrhage or perforation (533.7)	5	3	2	3	2	–	–	–	–
Unspecified as acute or chronic without mention of hemorrhage or perforation (533.9)	345	158	187	141	176	17	11	14	10
Gastrojejunal ulcer (534)	71	38	33	33	30	5	3	4	3
Acute with hemorrhage (534.0)	–	–	–	–	–	–	–	–	–
Acute with perforation (534.1)	–	–	–	–	–	–	–	–	–
Acute with hemorrhage and perforation (534.2)	–	–	–	–	–	–	–	–	–
Acute without mention of hemorrhage or perforation (534.3)	–	–	–	–	–	–	–	–	–
Chronic or unspecified with hemorrhage (534.4)	42	27	15	23	13	4	2	3	2
Chronic or unspecified with perforation (534.5)	14	6	8	6	8	–	–	–	–
Chronic or unspecified with hemorrhage and perforation (534.6)	2	1	1	1	1	–	–	–	–
Chronic without mention of hemorrhage or perforation (534.7)	1	–	1	–	1	–	–	–	–
Unspecified as acute or chronic without mention of hemorrhage or perforation (534.9)	12	4	8	3	7	1	1	1	1
Gastritis and duodenitis (535)	690	347	343	300	306	47	37	41	36
Acute gastritis (535.0)	69	39	30	37	26	2	4	2	4
Atrophic gastritis (535.1)	41	16	25	15	21	1	4	1	4
Gastric mucosal hypertrophy (535.2)	4	2	2	2	1	–	1	–	1
Alcoholic gastritis (535.3)	85	63	22	45	17	18	5	16	4
Other gastritis (535.4)	196	102	94	85	86	17	8	13	8
Unspecified gastritis and gastroduodenitis (535.5)	285	120	165	111	150	9	15	9	15
Duodenitis (535.6)	10	5	5	5	5	–	–	–	–
Disorders of function of stomach (536)	137	68	69	62	62	6	7	5	5
Achlorhydria (536.0)	–	–	–	–	–	–	–	–	–
Acute dilatation of stomach (536.1)	5	2	3	2	3	–	–	–	–
Habit vomiting (536.2)	3	1	2	1	2	–	–	–	–
Dyspepsia and other disorders of function of stomach (536.8)	66	34	32	30	26	4	6	3	4
Unspecified (536.9)	63	31	32	29	31	2	1	2	1
Other disorders of stomach and duodenum (537)	355	149	206	125	185	24	21	24	20
Adult hypertrophic pyloric stenosis (537.0)	124	58	66	48	58	10	8	10	8
Gastric diverticulum (537.1)	–	–	–	–	–	–	–	–	–
Chronic duodenal ileus (537.2)	1	–	1	–	1	–	–	–	–
Other obstruction of duodenum (537.3)	6	5	1	5	1	–	–	–	–
Fistula of stomach or duodenum (537.4)	33	16	17	13	17	3	–	3	–
Gastroptosis (537.5)	–	–	–	–	–	–	–	–	–
Hourglass stricture or stenosis of stomach (537.6)	1	–	1	–	1	–	–	–	–
Other (537.8)	85	23	62	19	57	4	5	4	4
Unspecified (537.9)	105	47	58	40	50	7	8	7	8
Appendicitis (540-543)	438	257	181	212	145	45	36	39	32
Acute appendicitis (540)	375	221	154	179	121	42	33	36	29
With generalized peritonitis (540.0)	322	184	138	149	112	35	26	30	24
With peritoneal abscess (540.1)	28	22	6	16	2	6	4	5	4
Without mention of peritonitis (540.9)	25	15	10	14	7	1	3	1	1
Appendicitis, unqualified (541)	56	31	25	28	22	3	3	3	3
Other appendicitis (542)	1	–	1	–	1	–	–	–	–
Other diseases of appendix (543)	6	5	1	5	1	–	–	–	–
Hernia of abdominal cavity (550-553)	1,342	548	794	480	712	68	82	63	73
Inguinal hernia (550)	228	175	53	143	46	32	7	30	5
Inguinal hernia with gangrene (550.0)	34	24	10	20	10	4	–	4	–
Inguinal hernia with obstruction without mention of gangrene (550.1)	151	113	38	96	32	17	6	16	5
Inguinal hernia without mention of obstruction or gangrene (550.9)	43	38	5	27	4	11	1	10	–
Other hernia of abdominal cavity, with gangrene (551)	101	22	79	19	64	3	15	2	13
Femoral with gangrene (551.0)	8	1	7	1	7	–	–	–	–
Umbilical with gangrene (551.1)	11	4	7	3	4	1	3	1	3
Ventral (incisional) with gangrene (551.2)	37	4	33	3	27	1	6	1	5
Diaphragmatic with gangrene (551.3)	9	2	7	2	6	–	1	–	–
Of other specified sites with gangrene (551.8)	8	2	6	1	6	1	–	–	–
Of unspecified site with gangrene (551.9)	28	9	19	9	14	–	5	–	5
Other hernia of abdominal cavity with obstruction, without mention of gangrene (552)	457	138	319	122	283	16	36	16	35
Femoral with obstruction (552.0)	57	12	45	11	44	1	1	1	1
Umbilical with obstruction (552.1)	43	13	30	11	23	2	7	2	7
Ventral (incisional) with obstruction (552.2)	141	34	107	30	91	4	16	4	16
Diaphragmatic with obstruction (552.3)	71	20	51	19	51	1	–	1	–
Of other specified sites with obstruction (552.8)	17	5	12	3	11	2	1	2	1
Of unspecified site with obstruction (552.9)	128	54	74	48	63	6	11	6	10
Other hernia of abdominal cavity without mention of obstruction or gangrene (553)	556	213	343	196	319	17	24	15	20
Femoral (553.0)	5	–	5	–	3	–	2	–	2
Umbilical (553.1)	27	14	13	12	9	2	4	2	4
Ventral (incisional) (553.2)	56	21	35	18	31	3	4	3	3
Diaphragmatic (553.3)	369	121	248	117	239	4	9	2	6
Of other specified sites (553.8)	13	6	7	6	6	–	1	–	1
Of unspecified site (553.9)	86	51	35	43	31	8	4	8	4

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Duodenal ulcer-Con.									
Chronic or unspecified with hemorrhage and perforation (532.6)	0.0	0.0	0.0	0.0	0.0	*	*	*	*
Chronic without mention of hemorrhage or perforation (532.7)	*	*	*	*	*	*	*	*	*
Unspecified as acute or chronic without mention of hemorrhage or perforation (532.9)	.1	.1	.1	.1	.1	*	*	*	*
Peptic ulcer, site unspecified (533)	.9	.9	1.0	.9	1.1	0.6	0.5	0.8	0.6
Acute with hemorrhage (533.0)	.0	*	*	*	*	*	*	*	*
Acute with perforation (533.1)	*	*	*	*	*	*	*	*	*
Acute with hemorrhage and perforation (533.2)	*	*	*	*	*	*	*	*	*
Acute without mention of hemorrhage or perforation (533.3)	*	*	*	*	*	*	*	*	*
Chronic or unspecified with hemorrhage (533.4)	.5	.6	.5	.6	.5	.4	.3	.5	.3
Chronic or unspecified with perforation (533.5)	.2	.2	.3	.2	.3	.1	.1	.2	.2
Chronic or unspecified with hemorrhage and perforation (533.6)	.0	.0	.0	.0	.0	*	*	*	*
Chronic without mention of hemorrhage or perforation (533.7)	*	*	*	*	*	*	*	*	*
Unspecified as acute or chronic without mention of hemorrhage or perforation (533.9)	.1	.1	.1	.1	.2	*	*	*	*
Gastrojejunal ulcer (534)	.0	.0	.0	.0	.0	*	*	*	*
Acute with hemorrhage (534.0)	*	*	*	*	*	*	*	*	*
Acute with perforation (534.1)	*	*	*	*	*	*	*	*	*
Acute with hemorrhage and perforation (534.2)	*	*	*	*	*	*	*	*	*
Acute without mention of hemorrhage or perforation (534.3)	*	*	*	*	*	*	*	*	*
Chronic or unspecified with hemorrhage (534.4)	.0	.0	*	.0	*	*	*	*	*
Chronic or unspecified with perforation (534.5)	*	*	*	*	*	*	*	*	*
Chronic or unspecified with hemorrhage and perforation (534.6)	*	*	*	*	*	*	*	*	*
Chronic without mention of hemorrhage or perforation (534.7)	*	*	*	*	*	*	*	*	*
Unspecified as acute or chronic without mention of hemorrhage or perforation (534.9)	*	*	*	*	*	*	*	*	*
Gastritis and duodenitis (535)	.3	.3	.3	.3	.3	.2	.2	.3	.2
Acute gastritis (535.0)	.0	.0	.0	.0	.0	*	*	*	*
Atrophic gastritis (535.1)	.0	*	.0	*	.0	*	*	*	*
Gastric mucosal hypertrophy (535.2)	*	*	*	*	*	*	*	*	*
Alcoholic gastritis (535.3)	.0	.1	.0	.0	*	*	*	*	*
Other gastritis (535.4)	.1	.1	.1	.1	.1	*	*	*	*
Unspecified gastritis and gastroduodenitis (535.5)	.1	.1	.1	.1	.1	*	*	*	*
Duodenitis (535.6)	*	*	*	*	*	*	*	*	*
Disorders of function of stomach (536)	.1	.1	.1	.1	.1	*	*	*	*
Achlorhydria (536.0)	*	*	*	*	*	*	*	*	*
Acute dilatation of stomach (536.1)	*	*	*	*	*	*	*	*	*
Habit vomiting (536.2)	*	*	*	*	*	*	*	*	*
Dyspepsia and other disorders of function of stomach (536.8)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified (536.9)	.0	.0	.0	.0	.0	*	*	*	*
Other disorders of stomach and duodenum (537)	.1	.1	.2	.1	.2	.1	.1	.2	.1
Adult hypertrophic pyloric stenosis (537.0)	.0	.0	.1	.0	.1	*	*	*	*
Gastric diverticulum (537.1)	*	*	*	*	*	*	*	*	*
Chronic duodenal ileus (537.2)	*	*	*	*	*	*	*	*	*
Other obstruction of duodenum (537.3)	*	*	*	*	*	*	*	*	*
Fistula of stomach or duodenum (537.4)	.0	*	*	*	*	*	*	*	*
Gastroptosis (537.5)	*	*	*	*	*	*	*	*	*
Hourglass stricture or stenosis of stomach (537.6)	*	*	*	*	*	*	*	*	*
Other (537.8)	.0	.0	.0	*	.1	*	*	*	*
Unspecified (537.9)	.0	.0	.0	.0	.0	*	*	*	*
Appendicitis (540-543)	.2	.2	.1	.2	.1	.2	.2	.3	.2
Acute appendicitis (540)	.2	.2	.1	.2	.1	.2	.2	.2	.2
With generalized peritonitis (540.0)	.1	.2	.1	.1	.1	.2	.1	.2	.1
With peritoneal abscess (540.1)	.0	.0	*	*	*	*	*	*	*
Without mention of peritonitis (540.9)	.0	*	*	*	*	*	*	*	*
Appendicitis, unqualified (541)	.0	.0	.0	.0	.0	*	*	*	*
Other appendicitis (542)	*	*	*	*	*	*	*	*	*
Other diseases of appendix (543)	*	*	*	*	*	*	*	*	*
Hernia of abdominal cavity (550-553)	.5	.5	.6	.5	.7	.4	.4	.4	.5
Inguinal hernia (550)	.1	.1	.0	.1	.0	.2	*	.2	*
Inguinal hernia with gangrene (550.0)	.0	.0	*	.0	*	*	*	*	*
Inguinal hernia with obstruction without mention of gangrene (550.1)	.1	.1	.0	.1	.0	*	*	*	*
Inguinal hernia without mention of obstruction or gangrene (550.9)	.0	.0	*	.0	*	*	*	*	*
Other hernia of abdominal cavity, with gangrene (551)	.0	.0	.1	*	.1	*	*	*	*
Femoral with gangrene (551.0)	*	*	*	*	*	*	*	*	*
Umbilical with gangrene (551.1)	*	*	*	*	*	*	*	*	*
Ventral (incisional) with gangrene (551.2)	.0	*	.0	*	.0	*	*	*	*
Diaphragmatic with gangrene (551.3)	*	*	*	*	*	*	*	*	*
Of other specified sites with gangrene (551.8)	*	*	*	*	*	*	*	*	*
Of unspecified site with gangrene (551.9)	.0	*	*	*	*	*	*	*	*
Other hernia of abdominal cavity with obstruction, without mention of gangrene (552)	.2	.1	.3	.1	.3	*	.2	*	.2
Femoral with obstruction (552.0)	.0	*	.0	*	.0	*	*	*	*
Umbilical with obstruction (552.1)	.0	*	.0	*	.0	*	*	*	*
Ventral (incisional) with obstruction (552.2)	.1	.0	.1	.0	.1	*	*	*	*
Diaphragmatic with obstruction (552.3)	.0	.0	.0	*	.0	*	*	*	*
Of other specified sites with obstruction (552.8)	*	*	*	*	*	*	*	*	*
Of unspecified site with obstruction (552.9)	.1	.0	.1	.0	.1	*	*	*	*
Other hernia of abdominal cavity without mention of obstruction or gangrene (553)	.2	.2	.3	.2	.3	*	.1	*	.1
Femoral (553.0)	*	*	*	*	*	*	*	*	*
Umbilical (553.1)	.0	*	*	*	*	*	*	*	*
Ventral (incisional) (553.2)	.0	.0	.0	*	.0	*	*	*	*
Diaphragmatic (553.3)	.1	.1	.2	.1	.2	*	*	*	*
Of other specified sites (553.8)	*	*	*	*	*	*	*	*	*
Of unspecified site (553.9)	.0	.0	.0	.0	.0	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Noninfective enteritis and colitis (555-558)	8,824	3,091	5,733	2,709	5,228	382	505	338	452
Regional enteritis (555)	354	126	228	115	215	11	13	11	12
Small intestine (555.0)	10	4	6	4	6	-	-	-	-
Large intestine (555.1)	14	8	6	8	6	-	-	-	-
Small intestine with large intestine (555.2)	2	-	2	-	2	-	-	-	-
Unspecified site (555.9)	328	114	214	103	201	11	13	11	12
Idiopathic proctocolitis (556)	327	138	189	127	180	11	9	10	9
Vascular insufficiency of intestine (557)	7,033	2,412	4,621	2,108	4,216	304	405	265	361
Acute (557.0)	4,521	1,552	2,969	1,351	2,742	201	227	176	201
Chronic (557.1)	359	110	249	100	229	10	20	9	18
Unspecified (557.9)	2,153	750	1,403	657	1,245	93	158	80	142
Other noninfective gastroenteritis and colitis (558)	1,110	415	695	359	617	56	78	52	70
Other diseases of intestines and peritoneum (560-569)	11,379	4,088	7,291	3,489	6,542	599	749	542	701
Intestinal obstruction without mention of hernia (560)	4,496	1,584	2,912	1,307	2,590	277	322	256	305
Intussusception (560.0)	40	25	15	20	11	5	4	4	4
Paralytic ileus (560.1)	332	140	192	117	165	23	27	20	26
Volvulus (560.2)	618	291	327	229	286	62	41	58	36
Impaction of intestine (560.3)	155	45	110	38	96	7	14	6	12
Other intestinal obstruction (560.8)	348	106	242	88	217	18	25	18	23
Unspecified intestinal obstruction (560.9)	3,003	977	2,026	815	1,815	162	211	150	204
Diverticula of intestine (562)	3,092	950	2,142	888	1,990	62	152	55	139
Small intestine (562.0)	26	8	18	8	17	-	1	-	1
Colon (562.1)	3,066	942	2,124	880	1,973	62	151	55	138
Functional digestive disorders, not elsewhere classified (564)	223	94	129	81	119	13	10	11	9
Constipation (564.0)	41	11	30	10	27	1	3	1	3
Irritable colon (564.1)	65	27	38	24	38	3	-	3	-
Other postoperative functional disorders (564.4)	-	-	-	-	-	-	-	-	-
Functional diarrhea (564.5)	-	-	-	-	-	-	-	-	-
Anal spasm (564.6)	-	-	-	-	-	-	-	-	-
Megacolon, other than Hirschsprung's (564.7)	76	37	39	31	36	6	3	5	3
Other functional disorders of intestine (564.8)	34	14	20	12	16	2	4	2	3
Unspecified (564.9)	7	5	2	4	2	1	-	-	-
Anal fissure and fistula (565)	19	7	12	5	11	2	1	2	1
Anal fissure (565.0)	1	1	-	1	-	-	-	-	-
Anal fistula (565.1)	18	6	12	4	11	2	1	2	1
Abscess of anal and rectal regions (566)	112	50	62	36	53	14	9	13	8
Peritonitis (567)	1,340	586	754	477	653	109	101	97	97
Pneumococcal peritonitis (567.1)	2	-	2	-	1	-	1	-	1
Other suppurative peritonitis (567.2)	443	224	219	178	177	46	42	38	40
Other peritonitis (567.8)	14	4	10	4	8	-	2	-	2
Unspecified (567.9)	881	358	523	295	467	63	56	59	54
Other disorders of peritoneum (568)	214	76	138	61	115	15	23	15	21
Peritoneal adhesions (568.0)	116	31	85	25	73	6	12	6	12
Other (568.8)	87	40	47	33	36	7	11	7	9
Unspecified (568.9)	11	5	6	3	6	2	-	2	-
Other disorders of intestine (569)	1,883	741	1,142	634	1,011	107	131	93	121
Anal and rectal polyp (569.0)	6	2	4	2	2	-	2	-	2
Rectal prolapse (569.1)	15	3	12	2	12	1	-	1	-
Stenosis of rectum and anus (569.2)	4	2	2	1	2	1	-	1	-
Hemorrhage of rectum and anus (569.3)	88	35	53	30	45	5	8	4	7
Other disorders of rectum and anus (569.4)	47	22	25	19	17	3	8	3	8
Abscess of intestine (569.5)	34	13	21	12	19	1	2	1	2
Other (569.8)	1,292	498	794	427	712	71	82	62	76
Unspecified (569.9)	397	166	231	141	202	25	29	21	26
Other diseases of digestive system (570-579)	43,803	25,654	18,149	21,386	15,243	4,268	2,906	3,730	2,522
Acute and subacute necrosis of liver (570)	377	193	184	161	153	32	31	28	27
Chronic liver disease and cirrhosis (571)	25,815	16,627	9,188	13,889	7,589	2,738	1,599	2,393	1,360
Alcoholic fatty liver (571.0)	596	421	175	275	104	146	71	138	67
Acute alcoholic hepatitis (571.1)	873	570	303	463	237	107	66	96	55
Alcoholic cirrhosis of liver (571.2)	8,042	5,861	2,181	4,887	1,684	974	497	856	423
Alcoholic liver damage, unspecified (571.3)	2,474	1,824	650	1,376	456	448	194	403	164
Chronic hepatitis (571.4)	775	324	451	267	395	57	56	38	42
Cirrhosis of liver without mention of alcohol (571.5)	11,840	7,064	4,776	6,185	4,165	879	611	742	516
Biliary cirrhosis (571.6)	375	57	318	53	299	4	19	2	14
Other chronic nonalcoholic liver disease (571.8)	556	344	212	245	152	99	60	95	58
Unspecified chronic liver disease without mention of alcohol (571.9)	284	162	122	138	97	24	25	23	21
Liver abscess and sequelae of chronic liver disease (572)	3,596	2,099	1,497	1,691	1,159	408	338	358	303
Abscess of liver (572.0)	133	61	72	47	55	14	17	12	14
Portal pyemia (572.1)	3	1	2	-	2	1	-	1	-
Hepatic coma (572.2)	392	233	159	183	115	50	44	47	41
Portal hypertension (572.3)	105	68	37	61	32	7	5	7	3
Hepatorenal syndrome (572.4)	514	333	181	268	137	65	44	59	40
Other sequelae of chronic liver disease (572.8)	2,449	1,403	1,046	1,132	818	271	228	232	205
Other disorders of liver (573)	1,593	892	701	721	578	171	123	144	105
Chronic passive congestion of liver (573.0)	19	12	7	8	5	4	2	4	1
Hepatitis unspecified (573.3)	596	291	305	245	261	46	44	36	39
Hepatic infarction (573.4)	37	21	16	17	12	4	4	2	3
Other (573.8)	174	98	76	72	65	26	11	22	9
Unspecified (573.9)	767	470	297	379	235	91	62	80	53

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Noninfective enteritis and colitis (555-558)	3.5	2.5	4.5	2.7	4.9	2.0	2.4	2.3	2.8
Regional enteritis (555)	.1	.1	.2	.1	.2	*	*	*	*
Small intestine (555.0)	*	*	*	*	*	*	*	*	*
Large intestine (555.1)	*	*	*	*	*	*	*	*	*
Small intestine with large intestine (555.2)	*	*	*	*	*	*	*	*	*
Unspecified site (555.9)	.1	.1	.2	.1	.2	*	*	*	*
Idiopathic proctocolitis (556)	.1	.1	.1	.1	.2	*	*	*	*
Vascular insufficiency of intestine (557)	2.8	2.0	3.6	2.1	4.0	1.6	1.9	1.8	2.2
Acute (557.0)	1.8	1.3	2.3	1.3	2.6	1.1	1.1	1.2	1.3
Chronic (557.1)	.1	.1	.2	.1	.2	*	.1	*	*
Unspecified (557.9)	.9	.6	1.1	.6	1.2	.5	.8	.6	.9
Other noninfective gastroenteritis and colitis (558)	.4	.3	.5	.4	.6	.3	.4	.4	.4
Other diseases of intestines and peritoneum (560-569)	4.6	3.4	5.7	3.4	6.1	3.1	3.6	3.8	4.4
Intestinal obstruction without mention of hernia (560)	1.8	1.3	2.3	1.3	2.4	1.5	1.5	1.8	1.9
Intussusception (560.0)	.0	.0	*	.0	*	*	*	*	*
Paralytic ileus (560.1)	.1	.1	.2	.1	.2	.1	.1	.1	.2
Volvulus (560.2)	.2	.2	.3	.2	.3	.3	.2	.4	.2
Impaction of intestine (560.3)	.1	.0	.1	.0	.1	*	*	*	*
Other intestinal obstruction (560.8)	.1	.1	.2	.1	.2	*	.1	*	.1
Unspecified intestinal obstruction (560.9)	1.2	.8	1.6	.8	1.7	.8	1.0	1.0	1.3
Diverticula of intestine (562)	1.2	.8	1.7	.9	1.9	.3	.7	.4	.9
Small intestine (562.0)	.0	*	*	*	*	*	*	*	*
Colon (562.1)	1.2	.8	1.7	.9	1.9	.3	.7	.4	.9
Functional digestive disorders, not elsewhere classified (564)	.1	.1	.1	.1	.1	*	*	*	*
Constipation (564.0)	.0	*	.0	*	.0	*	*	*	*
Irritable colon (564.1)	.0	.0	.0	.0	.0	*	*	*	*
Other postoperative functional disorders (564.4)	*	*	*	*	*	*	*	*	*
Functional diarrhea (564.5)	*	*	*	*	*	*	*	*	*
Anal spasm (564.6)	*	*	*	*	*	*	*	*	*
Megacolon, other than Hirschsprung's (564.7)	.0	.0	.0	.0	.0	*	*	*	*
Other functional disorders of intestine (564.8)	.0	*	.0	*	*	*	*	*	*
Unspecified (564.9)	*	*	*	*	*	*	*	*	*
Anal fissure and fistula (565)	*	*	*	*	*	*	*	*	*
Anal fissure (565.0)	*	*	*	*	*	*	*	*	*
Anal fistula (565.1)	*	*	*	*	*	*	*	*	*
Abscess of anal and rectal regions (566)	.0	.0	.0	.0	.0	*	*	*	*
Peritonitis (567)	.5	.5	.6	.5	.6	.6	.5	.7	.6
Pneumococcal peritonitis (567.1)	*	*	*	*	*	*	*	*	*
Other suppurative peritonitis (567.2)	.2	.2	.2	.2	.2	.2	.2	.3	.2
Other peritonitis (567.8)	*	*	*	*	*	*	*	*	*
Unspecified (567.9)	.4	.3	.4	.3	.4	.3	.3	.4	.3
Other disorders of peritoneum (568)	.1	.1	.1	.1	.1	*	.1	*	.1
Peritoneal adhesions (568.0)	.0	.0	.1	.0	.1	*	*	*	*
Other (568.8)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified (568.9)	*	*	*	*	*	*	*	*	*
Other disorders of intestine (569)	.8	.6	.9	.6	.9	.6	.6	.6	.8
Anal and rectal polyp (569.0)	*	*	*	*	*	*	*	*	*
Rectal prolapse (569.1)	*	*	*	*	*	*	*	*	*
Stenosis of rectum and anus (569.2)	*	*	*	*	*	*	*	*	*
Hemorrhage of rectum and anus (569.3)	.0	.0	.0	.0	.0	*	*	*	*
Other disorders of rectum and anus (569.4)	.0	.0	.0	*	*	*	*	*	*
Abscess of intestine (569.5)	.0	*	.0	*	*	*	*	*	*
Other (569.8)	.5	.4	.6	.4	.7	.4	.4	.4	.5
Unspecified (569.9)	.2	.1	.2	.1	.2	.1	.1	.1	.2
Other diseases of digestive system (570-579)	17.6	21.2	14.2	20.9	14.3	22.3	13.9	25.9	15.7
Acute and subacute necrosis of liver (570)	.2	.2	.1	.2	.1	.2	.1	.2	.2
Chronic liver disease and cirrhosis (571)	10.4	13.7	7.2	13.6	7.1	14.3	7.6	16.6	8.5
Alcoholic fatty liver (571.0)	.2	.3	.1	.3	.1	.8	.3	1.0	.4
Acute alcoholic hepatitis (571.1)	.4	.5	.2	.5	.2	.6	.3	.7	.3
Alcoholic cirrhosis of liver (571.2)	3.2	4.8	1.7	4.8	1.6	5.1	2.4	5.9	2.6
Alcoholic liver damage, unspecified (571.3)	1.0	1.5	.5	1.3	.4	2.3	.9	2.8	1.0
Chronic hepatitis (571.4)	.3	.3	.4	.3	.4	.3	.3	.3	.3
Cirrhosis of liver without mention of alcohol (571.5)	4.8	5.8	3.7	6.1	3.9	4.6	2.9	5.1	3.2
Biliary cirrhosis (571.6)	.2	.0	.2	.1	.3	*	*	*	*
Other chronic nonalcoholic liver disease (571.8)	.2	.3	.2	.2	.1	.5	.3	.7	.4
Unspecified chronic liver disease without mention of alcohol (571.9)	.1	.1	.1	.1	.1	.1	.1	.2	.1
Liver abscess and sequelae of chronic liver disease (572)	1.4	1.7	1.2	1.7	1.1	2.1	1.6	2.5	1.9
Abscess of liver (572.0)	.1	.1	.1	.0	.1	*	*	*	*
Portal pyemia (572.1)	*	*	*	*	*	*	*	*	*
Hepatic coma (572.2)	.2	.2	.1	.2	.1	.3	.2	.3	.3
Portal hypertension (572.3)	.0	.1	.0	.1	.0	*	*	*	*
Hepatorenal syndrome (572.4)	.2	.3	.1	.3	.1	.3	.2	.4	.2
Other sequelae of chronic liver disease (572.8)	1.0	1.2	.8	1.1	.8	1.4	1.1	1.6	1.3
Other disorders of liver (573)	.6	.7	.5	.7	.5	.9	.6	1.0	.7
Chronic passive congestion of liver (573.0)	*	*	*	*	*	*	*	*	*
Hepatitis unspecified (573.3)	.2	.2	.2	.2	.2	.2	.2	.2	.2
Hepatic infarction (573.4)	.0	.0	*	*	*	*	*	*	*
Other (573.8)	.1	.1	.1	.1	.1	.1	*	.2	*
Unspecified (573.9)	.3	.4	.2	.4	.2	.5	.3	.6	.3

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other diseases of digestive system-Con.									
Cholelithiasis (574)	1,356	567	789	515	714	52	75	41	63
Calculus of gallbladder with acute cholecystitis (574.0)	157	71	86	64	78	7	8	6	8
Calculus of gallbladder with other cholecystitis (574.1)	264	100	164	93	145	7	19	3	18
Calculus of gallbladder without mention of cholecystitis (574.2)	657	266	391	243	357	23	34	19	28
Calculus of bile duct with acute cholecystitis (574.3)	21	8	13	7	12	1	1	1	1
Calculus of bile duct with other cholecystitis (574.4)	32	15	17	14	17	1	-	1	-
Calculus of bile duct without mention of cholecystitis (574.5)	225	107	118	94	105	13	13	11	8
Other disorders of gallbladder (575)	1,666	713	953	641	852	72	101	55	85
Acute cholecystitis (575.0)	667	318	349	286	311	32	38	24	32
Other cholecystitis (575.1)	623	235	388	208	345	27	43	21	35
Obstruction of gallbladder (575.2)	5	3	2	3	2	-	-	-	-
Hydrops of gallbladder (575.3)	3	1	2	1	1	-	1	-	1
Perforation of gallbladder (575.4)	65	26	39	22	38	4	1	3	1
Fistula of gallbladder (575.5)	8	2	6	2	6	-	-	-	-
Cholesterolosis of gallbladder (575.6)	-	-	-	-	-	-	-	-	-
Other (575.8)	20	12	8	11	7	1	1	-	1
Unspecified (575.9)	275	116	159	108	142	8	17	7	15
Other disorders of biliary tract (576)	885	383	502	334	437	49	65	41	56
Cholangitis (576.1)	446	201	245	177	212	24	33	18	28
Obstruction of bile duct (576.2)	211	84	127	72	117	12	10	11	8
Perforation of bile duct (576.3)	5	1	4	-	4	1	-	1	-
Fistula of bile duct (576.4)	5	1	4	1	4	-	-	-	-
Spasm of sphincter of Oddi (576.5)	-	-	-	-	-	-	-	-	-
Other (576.8)	186	84	102	73	83	11	19	10	18
Unspecified (576.9)	32	12	20	11	17	1	3	1	2
Diseases of pancreas (577)	2,611	1,424	1,187	1,095	993	329	194	305	176
Acute pancreatitis (577.0)	2,191	1,162	1,029	916	875	246	154	229	142
Chronic pancreatitis (577.1)	197	121	76	84	54	37	22	34	19
Cyst and pseudocyst of pancreas (577.2)	84	56	28	38	21	18	7	17	4
Other diseases of pancreas (577.8)	65	43	22	32	18	11	4	10	4
Unspecified (577.9)	74	42	32	25	25	17	7	15	7
Gastrointestinal hemorrhage (578)	5,782	2,705	3,077	2,298	2,703	407	374	356	341
Hematemesis (578.0)	29	18	11	13	11	5	-	3	-
Melena (578.1)	5	1	4	1	3	-	1	-	-
Hemorrhage of gastrointestinal tract, unspecified (578.9)	5,748	2,686	3,062	2,284	2,689	402	373	353	341
Intestinal malabsorption (579)	122	51	71	41	65	10	6	9	6
Celiac disease (579.0)	16	8	8	7	8	1	-	1	-
Tropical sprue (579.1)	14	5	9	5	9	-	-	-	-
Pancreatic steatorrhea (579.4)	-	-	-	-	-	-	-	-	-
Other (579.8)	8	3	5	2	3	1	2	1	2
Unspecified (579.9)	84	35	49	27	45	8	4	7	4
X. Diseases of the genitourinary system (580-629)									
Nephritis, nephrotic syndrome, and nephrosis (580-589)	20,764	10,005	10,759	8,021	8,550	1,984	2,209	1,806	2,049
Acute glomerulonephritis (580)	90	46	44	38	40	8	4	5	3
With lesion of proliferative glomerulonephritis (580.0)	1	-	1	-	1	-	-	-	-
With lesion of rapidly progressive glomerulonephritis (580.4)	-	-	-	-	-	-	-	-	-
With other specified pathological lesion in kidney (580.8)	8	3	5	3	5	-	-	-	-
Unspecified (580.9)	81	43	38	35	34	8	4	5	3
Nephrotic syndrome (581)	206	99	107	80	91	19	16	19	15
With lesion of proliferative glomerulonephritis (581.0)	1	-	1	-	1	-	-	-	-
With lesion of membranous glomerulonephritis (581.1)	2	2	-	2	-	-	-	-	-
With lesion of membranoproliferative glomerulonephritis (581.2)	-	-	-	-	-	-	-	-	-
With lesion of minimal change glomerulonephritis (581.3)	9	6	3	3	3	3	-	3	-
With other specified pathological lesion in kidney (581.8)	-	-	-	-	-	-	-	-	-
Unspecified (581.9)	194	91	103	75	87	16	16	16	15
Chronic glomerulonephritis (582)	1,039	516	523	388	404	128	119	117	110
With lesion of proliferative glomerulonephritis (582.0)	-	-	-	-	-	-	-	-	-
With lesion of membranous glomerulonephritis (582.1)	1	-	1	-	1	-	-	-	-
With lesion of membranoproliferative glomerulonephritis (582.2)	-	-	-	-	-	-	-	-	-
With lesion of rapidly progressive glomerulonephritis (582.4)	-	-	-	-	-	-	-	-	-
With other specified pathological lesion in kidney (582.8)	35	14	21	11	18	3	3	3	1
Unspecified (582.9)	1,003	502	501	377	385	125	116	114	109
Nephritis and nephropathy, not specified as acute or chronic (583)	418	207	211	175	180	32	31	26	27
With lesion of proliferative glomerulonephritis (583.0)	5	3	2	3	1	-	1	-	-
With lesion of membranous glomerulonephritis (583.1)	28	21	7	18	5	3	2	3	1
With lesion of membranoproliferative glomerulonephritis (583.2)	13	7	6	7	6	-	-	-	-
With lesion of rapidly progressive glomerulonephritis (583.4)	12	4	8	3	7	1	1	1	1
With lesion of renal cortical necrosis (583.6)	6	6	-	6	-	-	-	-	-
With lesion of renal medullary necrosis (583.7)	5	2	3	2	3	-	-	-	-
With other specified pathological lesion in kidney (583.8)	76	28	48	23	43	5	5	2	5
With unspecified pathological lesion in kidney (583.9)	273	136	137	113	115	23	22	20	20
Acute renal failure (584)	3,128	1,474	1,654	1,217	1,388	257	266	239	245
With lesion of tubular necrosis (584.5)	232	90	142	78	126	12	16	11	14
With lesion of renal cortical necrosis (584.6)	1	-	1	-	1	-	-	-	-
With lesion of renal medullary (papillary) necrosis (584.7)	2	1	1	1	-	-	1	-	1
With other specified pathological lesion in kidney (584.8)	2	1	1	1	1	-	-	-	-
Unspecified (584.9)	2,891	1,382	1,509	1,137	1,260	245	249	228	230
Chronic renal failure (585)	5,045	2,455	2,590	1,858	1,913	597	677	528	625
Renal failure, unspecified (586)	10,723	5,147	5,576	4,226	4,497	921	1,079	850	1,007
Renal sclerosis, unspecified (587)	64	40	24	27	17	13	7	13	7

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other diseases of digestive system-Con.									
Cholelithiasis (574)	0.5	0.5	0.6	0.5	0.7	0.3	0.4	0.3	0.4
Calculus of gallbladder with acute cholecystitis (574.0)	.1	.1	.1	.1	.1	*	*	*	*
Calculus of gallbladder with other cholecystitis (574.1)	.1	.1	.1	.1	.1	*	*	*	*
Calculus of gallbladder without mention of cholecystitis (574.2)	.3	.2	.3	.2	.3	.1	.2	*	.2
Calculus of bile duct with acute cholecystitis (574.3)	.0	*	*	*	*	*	*	*	*
Calculus of bile duct with other cholecystitis (574.4)	.0	*	*	*	*	*	*	*	*
Calculus of bile duct without mention of cholecystitis (574.5)	.1	.1	.1	.1	.1	*	*	*	*
Other disorders of gallbladder (575)	.7	.6	.7	.6	.8	.4	.5	.4	.5
Acute cholecystitis (575.0)	.3	.3	.3	.3	.3	.2	.2	.2	.2
Other cholecystitis (575.1)	.3	.2	.3	.2	.3	.1	.2	.1	.2
Obstruction of gallbladder (575.2)	*	*	*	*	*	*	*	*	*
Hydrops of gallbladder (575.3)	*	*	*	*	*	*	*	*	*
Perforation of gallbladder (575.4)	.0	.0	.0	.0	.0	*	*	*	*
Fistula of gallbladder (575.5)	*	*	*	*	*	*	*	*	*
Cholesterolosis of gallbladder (575.6)	*	*	*	*	*	*	*	*	*
Other (575.8)	.0	*	*	*	*	*	*	*	*
Unspecified (575.9)	.1	.1	.1	.1	.1	*	*	*	*
Other disorders of biliary tract (576)	.4	.3	.4	.3	.4	.3	.3	.3	.3
Cholangitis (576.1)	.2	.2	.2	.2	.2	.1	.2	*	.2
Obstruction of bile duct (576.2)	.1	.1	.1	.1	.1	*	*	*	*
Perforation of bile duct (576.3)	*	*	*	*	*	*	*	*	*
Fistula of bile duct (576.4)	*	*	*	*	*	*	*	*	*
Spasm of sphincter of Oddi (576.5)	*	*	*	*	*	*	*	*	*
Other (576.8)	.1	.1	.1	.1	.1	*	*	*	*
Unspecified (576.9)	.0	*	.0	*	*	*	*	*	*
Diseases of pancreas (577)	1.0	1.2	.9	1.1	.9	1.7	.9	2.1	1.1
Acute pancreatitis (577.0)	.9	1.0	.8	.9	.8	1.3	.7	1.6	.9
Chronic pancreatitis (577.1)	.1	.1	.1	.1	.1	.2	.1	.2	*
Cyst and pseudocyst of pancreas (577.2)	.0	.0	.0	.0	.0	*	*	*	*
Other diseases of pancreas (577.8)	.0	.0	.0	.0	*	*	*	*	*
Unspecified (577.9)	.0	.0	.0	.0	.0	*	*	*	*
Gastrointestinal hemorrhage (578)	2.3	2.2	2.4	2.2	2.5	2.1	1.8	2.5	2.1
Hematemesis (578.0)	.0	*	*	*	*	*	*	*	*
Melena (578.1)	*	*	*	*	*	*	*	*	*
Hemorrhage of gastrointestinal tract, unspecified (578.9)	2.3	2.2	2.4	2.2	2.5	2.1	1.8	2.4	2.1
Intestinal malabsorption (579)	.0	.0	.1	.0	.1	*	*	*	*
Celiac disease (579.0)	*	*	*	*	*	*	*	*	*
Tropical sprue (579.1)	*	*	*	*	*	*	*	*	*
Pancreatic steatorrhea (579.4)	*	*	*	*	*	*	*	*	*
Other (579.8)	*	*	*	*	*	*	*	*	*
Unspecified (579.9)	.0	.0	.0	.0	.0	*	*	*	*
X. Diseases of the genitourinary system (580-629)									
Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.3	8.3	8.4	7.9	8.0	10.4	10.6	12.5	12.8
Acute glomerulonephritis (580)	.0	.0	.0	.0	.0	*	*	*	*
With lesion of proliferative glomerulonephritis (580.0)	*	*	*	*	*	*	*	*	*
With lesion of rapidly progressive glomerulonephritis (580.4)	*	*	*	*	*	*	*	*	*
With other specified pathological lesion in kidney (580.8)	*	*	*	*	*	*	*	*	*
Unspecified (580.9)	.0	.0	.0	.0	.0	*	*	*	*
Nephrotic syndrome (581)	.1	.1	.1	.1	.1	*	*	*	*
With lesion of proliferative glomerulonephritis (581.0)	*	*	*	*	*	*	*	*	*
With lesion of membranous glomerulonephritis (581.1)	*	*	*	*	*	*	*	*	*
With lesion of membranoproliferative glomerulonephritis (581.2)	*	*	*	*	*	*	*	*	*
With lesion of minimal change glomerulonephritis (581.3)	*	*	*	*	*	*	*	*	*
With other specified pathological lesion in kidney (581.8)	*	*	*	*	*	*	*	*	*
Unspecified (581.9)	.1	.1	.1	.1	.1	*	*	*	*
Chronic glomerulonephritis (582)	.4	.4	.4	.4	.4	.7	.6	.8	.7
With lesion of proliferative glomerulonephritis (582.0)	*	*	*	*	*	*	*	*	*
With lesion of membranous glomerulonephritis (582.1)	*	*	*	*	*	*	*	*	*
With lesion of membranoproliferative glomerulonephritis (582.2)	*	*	*	*	*	*	*	*	*
With lesion of rapidly progressive glomerulonephritis (582.4)	*	*	*	*	*	*	*	*	*
With other specified pathological lesion in kidney (582.8)	.0	*	.0	*	*	*	*	*	*
Unspecified (582.9)	.4	.4	.4	.4	.4	.7	.6	.8	.7
Nephritis and nephropathy, not specified as acute or chronic (583)	.2	.2	.2	.2	.2	.2	.1	.2	.2
With lesion of proliferative glomerulonephritis (583.0)	*	*	*	*	*	*	*	*	*
With lesion of membranous glomerulonephritis (583.1)	.0	.0	*	*	*	*	*	*	*
With lesion of membranoproliferative glomerulonephritis (583.2)	*	*	*	*	*	*	*	*	*
With lesion of rapidly progressive glomerulonephritis (583.4)	*	*	*	*	*	*	*	*	*
With lesion of renal cortical necrosis (583.6)	*	*	*	*	*	*	*	*	*
With lesion of renal medullary necrosis (583.7)	*	*	*	*	*	*	*	*	*
With other specified pathological lesion in kidney (583.8)	.0	.0	.0	.0	.0	*	*	*	*
With unspecified pathological lesion in kidney (583.9)	.1	.1	.1	.1	.1	.1	.1	.1	.1
Acute renal failure (584)	1.3	1.2	1.3	1.2	1.3	1.3	1.3	1.7	1.5
With lesion of tubular necrosis (584.5)	.1	.1	.1	.1	.1	*	*	*	*
With lesion of renal cortical necrosis (584.6)	*	*	*	*	*	*	*	*	*
With lesion of renal medullary (papillary) necrosis (584.7)	*	*	*	*	*	*	*	*	*
With other specified pathological lesion in kidney (584.8)	*	*	*	*	*	*	*	*	*
Unspecified (584.9)	1.2	1.1	1.2	1.1	1.2	1.3	1.2	1.6	1.4
Chronic renal failure (585)	2.0	2.0	2.0	1.8	1.8	3.1	3.2	3.7	3.9
Renal failure, unspecified (586)	4.3	4.2	4.4	4.1	4.2	4.8	5.2	5.9	6.3
Renal sclerosis, unspecified (587)	.0	.0	.0	.0	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Nephritis, nephrotic syndrome, and nephrosis-Con.									
Disorders resulting from impaired renal function (588)	50	20	30	11	20	9	10	9	10
Renal osteodystrophy (588.0)	11	6	5	5	1	1	4	1	4
Nephrogenic diabetes insipidus (588.1)	4	2	2	1	2	1	-	1	-
Other (588.8)	35	12	23	5	17	7	6	7	6
Unspecified (588.9)	-	-	-	-	-	-	-	-	-
Small kidney of unknown cause (589)	1	1	-	1	-	-	-	-	-
Unilateral (589.0)	-	-	-	-	-	-	-	-	-
Bilateral (589.1)	-	-	-	-	-	-	-	-	-
Unspecified (589.9)	1	1	-	1	-	-	-	-	-
Other diseases of urinary system (590-599)	16,878	6,355	10,523	5,058	8,894	1,297	1,629	1,191	1,501
Infections of kidney (590)	1,296	404	892	339	795	65	97	57	81
Chronic pyelonephritis and chronic pyonephrosis (590.0)	263	91	172	76	159	15	13	12	10
Acute pyelonephritis and acute pyonephrosis (590.1)	228	88	140	73	118	15	22	14	21
Renal and perinephric abscess (590.2)	94	27	67	22	62	5	5	3	5
Pyeloureteritis cystica (590.3)	-	-	-	-	-	-	-	-	-
Pyelonephritis or pyonephrosis, not specified as acute or chronic (590.8)	670	188	482	159	433	29	49	27	38
Infection of kidney, unspecified (590.9)	41	10	31	9	23	1	8	1	7
Hydronephrosis (591)	84	36	48	29	44	7	4	6	4
Calculus of kidney and ureter (592)	294	113	181	100	160	13	21	12	19
Calculus of kidney (592.0)	246	93	153	84	135	9	18	8	16
Calculus of ureter (592.1)	23	8	15	6	12	2	3	2	3
Urinary calculus, unspecified (592.9)	25	12	13	10	13	2	-	2	-
Other disorders of kidney and ureter (593)	3,298	1,668	1,630	1,138	1,127	530	503	490	467
Nephroptosis (593.0)	1	1	-	1	-	-	-	-	-
Hypertrophy of kidney (593.1)	-	-	-	-	-	-	-	-	-
Cyst of kidney, acquired (593.2)	3	2	1	2	1	-	-	-	-
Stricture or kinking of ureter (593.3)	12	6	6	4	6	2	-	2	-
Other ureteric obstruction (593.4)	67	28	39	21	34	7	5	7	5
Hydroureter (593.5)	-	-	-	-	-	-	-	-	-
Postural proteinuria (593.6)	1	1	-	-	-	1	-	1	-
Vesicoureteric reflux (593.7)	3	1	2	1	2	-	-	-	-
Other (593.8)	168	91	77	82	71	9	6	8	6
Unspecified (593.9)	3,043	1,538	1,505	1,027	1,013	511	492	472	456
Calculus of lower urinary tract (594)	15	5	10	5	10	-	-	-	-
Calculus in diverticulum of bladder (594.0)	-	-	-	-	-	-	-	-	-
Other calculus in bladder (594.1)	9	4	5	4	5	-	-	-	-
Calculus in urethra (594.2)	1	1	-	1	-	-	-	-	-
Other lower urinary tract calculus (594.8)	1	-	1	-	1	-	-	-	-
Unspecified (594.9)	4	-	4	-	4	-	-	-	-
Cystitis (595)	137	37	100	35	90	2	10	2	10
Acute cystitis (595.0)	10	2	8	2	7	-	1	-	1
Chronic interstitial cystitis (595.1)	-	-	-	-	-	-	-	-	-
Other chronic cystitis (595.2)	19	5	14	5	13	-	1	-	1
Trigonitis (595.3)	-	-	-	-	-	-	-	-	-
Other (595.8)	10	3	7	3	5	-	2	-	2
Unspecified (595.9)	98	27	71	25	65	2	6	2	6
Other disorders of bladder (596)	186	100	86	83	79	17	7	16	6
Bladder-neck obstruction (596.0)	37	35	2	28	2	7	-	6	-
Intestinovesical fistula (596.1)	65	18	47	15	43	3	4	3	4
Vesical fistula, not elsewhere classified (596.2)	5	2	3	2	3	-	-	-	-
Diverticulum of bladder (596.3)	2	2	-	1	-	1	-	1	-
Atony of bladder (596.4)	31	18	13	17	12	1	1	1	1
Other functional disorders of bladder (596.5)	11	3	8	2	8	1	-	1	-
Rupture of bladder, nontraumatic (596.6)	11	9	2	7	1	2	1	2	-
Hemorrhage into bladder wall (596.7)	-	-	-	-	-	-	-	-	-
Other (596.8)	12	7	5	6	5	1	-	1	-
Unspecified (596.9)	12	6	6	5	5	1	1	1	1
Urethritis, not sexually transmitted, and urethral syndrome (597)	6	5	1	5	1	-	-	-	-
Urethral abscess (597.0)	4	3	1	3	1	-	-	-	-
Other urethritis (597.8)	2	2	-	2	-	-	-	-	-
Urethral stricture (598)	36	34	2	24	2	10	-	10	-
Infective (598.0)	1	-	1	-	1	-	-	-	-
Traumatic (598.1)	-	-	-	-	-	-	-	-	-
Postoperative (598.2)	-	-	-	-	-	-	-	-	-
Other (598.8)	-	-	-	-	-	-	-	-	-
Unspecified (598.9)	35	34	1	24	1	10	-	10	-
Other disorders of urethra and urinary tract (599)	11,526	3,953	7,573	3,300	6,586	653	987	598	914
Urinary tract infection, site not specified (599.0)	11,180	3,728	7,452	3,113	6,476	615	976	563	903
Urethral fistula (599.1)	5	4	1	3	1	1	-	1	-
Urethral diverticulum (599.2)	-	-	-	-	-	-	-	-	-
Urethral caruncle (599.3)	-	-	-	-	-	-	-	-	-
Urethral false passage (599.4)	-	-	-	-	-	-	-	-	-
Prolapsed urethral mucosa (599.5)	-	-	-	-	-	-	-	-	-
Urinary obstruction, unspecified (599.6)	263	194	69	162	65	32	4	29	4
Hematuria (599.7)	38	13	25	10	22	3	3	3	3
Other (599.8)	12	4	8	4	6	-	2	-	2
Unspecified (599.9)	28	10	18	8	16	2	2	2	2

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Nephritis, nephrotic syndrome, and nephrosis-Con.									
Disorders resulting from impaired renal function (588)	0.0	0.0	0.0	*	0.0	*	*	*	*
Renal osteodystrophy (588.0)	*	*	*	*	*	*	*	*	*
Nephrogenic diabetes insipidus (588.1)	*	*	*	*	*	*	*	*	*
Other (588.8)	.0	*	.0	*	*	*	*	*	*
Unspecified (588.9)	*	*	*	*	*	*	*	*	*
Small kidney of unknown cause (589)	*	*	*	*	*	*	*	*	*
Unilateral (589.0)	*	*	*	*	*	*	*	*	*
Bilateral (589.1)	*	*	*	*	*	*	*	*	*
Unspecified (589.9)	*	*	*	*	*	*	*	*	*
Other diseases of urinary system (590-599)	6.8	5.2	8.3	5.0	8.3	6.8	7.8	8.3	9.3
Infections of kidney (590)	.5	.3	.7	.3	.7	.3	.5	.4	.5
Chronic pyelonephritis and chronic pyonephrosis (590.0)	.1	.1	.1	.1	.1	*	*	*	*
Acute pyelonephritis and acute pyonephrosis (590.1)	.1	.1	.1	.1	.1	*	.1	*	.1
Renal and perinephric abscess (590.2)	.0	.0	.1	.0	.1	*	*	*	*
Pyeloureteritis cystica (590.3)	*	*	*	*	*	*	*	*	*
Pyelonephritis or pyonephrosis, not specified as acute or chronic (590.8)	.3	.2	.4	.2	.4	.2	.2	.2	.2
Infection of kidney, unspecified (590.9)	.0	*	.0	*	.0	*	*	*	*
Hydronephrosis (591)	.0	.0	.0	.0	.0	*	*	*	*
Calculus of kidney and ureter (592)	.1	.1	.1	.1	.2	*	.1	*	*
Calculus of kidney (592.0)	.1	.1	.1	.1	.1	*	*	*	*
Calculus of ureter (592.1)	.0	*	*	*	*	*	*	*	*
Urinary calculus, unspecified (592.9)	.0	*	*	*	*	*	*	*	*
Other disorders of kidney and ureter (593)	1.3	1.4	1.3	1.1	1.1	2.8	2.4	3.4	2.9
Nephroptosis (593.0)	*	*	*	*	*	*	*	*	*
Hypertrophy of kidney (593.1)	*	*	*	*	*	*	*	*	*
Cyst of kidney, acquired (593.2)	*	*	*	*	*	*	*	*	*
Stricture or kinking of ureter (593.3)	*	*	*	*	*	*	*	*	*
Other ureteric obstruction (593.4)	.0	.0	.0	.0	.0	*	*	*	*
Hydroureter (593.5)	*	*	*	*	*	*	*	*	*
Postural proteinuria (593.6)	*	*	*	*	*	*	*	*	*
Vesicoureteric reflux (593.7)	*	*	*	*	*	*	*	*	*
Other (593.8)	.1	.1	.1	.1	.1	*	*	*	*
Unspecified (593.9)	1.2	1.3	1.2	1.0	1.0	2.7	2.4	3.3	2.8
Calculus of lower urinary tract (594)	*	*	*	*	*	*	*	*	*
Calculus in diverticulum of bladder (594.0)	*	*	*	*	*	*	*	*	*
Other calculus in bladder (594.1)	*	*	*	*	*	*	*	*	*
Calculus in urethra (594.2)	*	*	*	*	*	*	*	*	*
Other lower urinary tract calculus (594.8)	*	*	*	*	*	*	*	*	*
Unspecified (594.9)	*	*	*	*	*	*	*	*	*
Cystitis (595)	.1	.0	.1	.0	.1	*	*	*	*
Acute cystitis (595.0)	*	*	*	*	*	*	*	*	*
Chronic interstitial cystitis (595.1)	*	*	*	*	*	*	*	*	*
Other chronic cystitis (595.2)	*	*	*	*	*	*	*	*	*
Trigonitis (595.3)	*	*	*	*	*	*	*	*	*
Other (595.8)	*	*	*	*	*	*	*	*	*
Unspecified (595.9)	.0	.0	.1	.0	.1	*	*	*	*
Other disorders of bladder (596)	.1	.1	.1	.1	.1	*	*	*	*
Bladder-neck obstruction (596.0)	.0	.0	*	.0	*	*	*	*	*
Intestinovesical fistula (596.1)	.0	*	.0	*	.0	*	*	*	*
Vesical fistula, not elsewhere classified (596.2)	*	*	*	*	*	*	*	*	*
Diverticulum of bladder (596.3)	*	*	*	*	*	*	*	*	*
Atony of bladder (596.4)	.0	*	*	*	*	*	*	*	*
Other functional disorders of bladder (596.5)	*	*	*	*	*	*	*	*	*
Rupture of bladder, nontraumatic (596.6)	*	*	*	*	*	*	*	*	*
Hemorrhage into bladder wall (596.7)	*	*	*	*	*	*	*	*	*
Other (596.8)	*	*	*	*	*	*	*	*	*
Unspecified (596.9)	*	*	*	*	*	*	*	*	*
Urethritis, not sexually transmitted, and urethral syndrome (597)	*	*	*	*	*	*	*	*	*
Urethral abscess (597.0)	*	*	*	*	*	*	*	*	*
Other urethritis (597.8)	*	*	*	*	*	*	*	*	*
Urethral stricture (598)	.0	.0	*	.0	*	*	*	*	*
Infective (598.0)	*	*	*	*	*	*	*	*	*
Traumatic (598.1)	*	*	*	*	*	*	*	*	*
Postoperative (598.2)	*	*	*	*	*	*	*	*	*
Other (598.8)	*	*	*	*	*	*	*	*	*
Unspecified (598.9)	.0	.0	*	.0	*	*	*	*	*
Other disorders of urethra and urinary tract (599)	4.6	3.3	5.9	3.2	6.2	3.4	4.7	4.1	5.7
Urinary tract infection, site not specified (599.0)	4.5	3.1	5.8	3.0	6.1	3.2	4.7	3.9	5.6
Urethral fistula (599.1)	*	*	*	*	*	*	*	*	*
Urethral diverticulum (599.2)	*	*	*	*	*	*	*	*	*
Urethral caruncle (599.3)	*	*	*	*	*	*	*	*	*
Urethral false passage (599.4)	*	*	*	*	*	*	*	*	*
Prolapsed urethral mucosa (599.5)	*	*	*	*	*	*	*	*	*
Urinary obstruction, unspecified (599.6)	.1	.2	.1	.2	.1	.2	*	.2	*
Hematuria (599.7)	.0	*	.0	*	.0	*	*	*	*
Other (599.8)	*	*	*	*	*	*	*	*	*
Unspecified (599.9)	.0	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Diseases of male genital organs (600-608)	701	701	...	609	...	92	...	84	...
Hyperplasia of prostate (600)	455	455	...	402	...	53	...	48	...
Inflammatory diseases of prostate (601)	46	46	...	43	...	3	...	3	...
Acute prostatitis (601.0)	6	6	...	5	...	1	...	1	...
Chronic prostatitis (601.1)	4	4	...	4	...	-	...	-	...
Abscess of prostate (601.2)	6	6	...	5	...	1	...	1	...
Prostatocystitis (601.3)	1	1	...	1	...	-	...	-	...
Other (601.8)	-	-	...	-	...	-	...	-	...
Unspecified (601.9)	29	29	...	28	...	1	...	1	...
Other disorders of prostate (602)	103	103	...	92	...	11	...	10	...
Calculus of prostate (602.0)	-	-	...	-	...	-	...	-	...
Congestion or hemorrhage of prostate (602.1)	3	3	...	3	...	-	...	-	...
Atrophy of prostate (602.2)	-	-	...	-	...	-	...	-	...
Other (602.8)	4	4	...	4	...	-	...	-	...
Unspecified (602.9)	96	96	...	85	...	11	...	10	...
Hydrocele (603)	1	1	...	1	...	-	...	-	...
Encysted hydrocele (603.0)	-	-	...	-	...	-	...	-	...
Infected hydrocele (603.1)	-	-	...	-	...	-	...	-	...
Other (603.8)	-	-	...	-	...	-	...	-	...
Unspecified (603.9)	1	1	...	1	...	-	...	-	...
Orchitis and epididymitis (604)	15	15	...	14	...	1	...	1	...
Orchitis, epididymitis, and epididymo-orchitis, with abscess (604.0)	3	3	...	3	...	-	...	-	...
Orchitis, epididymitis, and epididymo-orchitis, without mention of abscess (604.9)	12	12	...	11	...	1	...	1	...
Redundant prepuce and phimosis (605)	-	-	...	-	...	-	...	-	...
Infertility, male (606)	-	-	...	-	...	-	...	-	...
Disorders of penis (607)	19	19	...	10	...	9	...	9	...
Leukoplakia of penis (607.0)	-	-	...	-	...	-	...	-	...
Balanoposthitis (607.1)	1	1	...	1	...	-	...	-	...
Other inflammatory disorders of penis (607.2)	17	17	...	8	...	9	...	9	...
Priapism (607.3)	-	-	...	-	...	-	...	-	...
Other (607.8)	1	1	...	1	...	-	...	-	...
Unspecified (607.9)	-	-	...	-	...	-	...	-	...
Other disorders of male genital organs (608)	62	62	...	47	...	15	...	13	...
Seminal vesiculitis (608.0)	-	-	...	-	...	-	...	-	...
Spermatocele (608.1)	-	-	...	-	...	-	...	-	...
Torsion of testis (608.2)	-	-	...	-	...	-	...	-	...
Atrophy of testis (608.3)	-	-	...	-	...	-	...	-	...
Other inflammatory disorders of male genital organs (608.4)	40	40	...	30	...	10	...	9	...
Other (608.8)	21	21	...	16	...	5	...	4	...
Unspecified (608.9)	1	1	...	1	...	-	...	-	...
Disorders of breast (610-611)	32	-	32	-	23	-	9	-	9
Benign mammary dysplasias (610)	-	-	-	-	-	-	-	-	-
Solitary cyst of breast (610.0)	-	-	-	-	-	-	-	-	-
Diffuse cystic mastopathy (610.1)	-	-	-	-	-	-	-	-	-
Fibroadenosis of breast (610.2)	-	-	-	-	-	-	-	-	-
Fibrosclerosis of breast (610.3)	-	-	-	-	-	-	-	-	-
Mammary duct ectasia (610.4)	-	-	-	-	-	-	-	-	-
Other (610.8)	-	-	-	-	-	-	-	-	-
Mammary dysplasia, unspecified (610.9)	-	-	-	-	-	-	-	-	-
Other disorders of breast (611)	32	-	32	-	23	-	9	-	9
Inflammatory disease of breast (611.0)	8	-	8	-	7	-	1	-	1
Hypertrophy of breast (611.1)	1	-	1	-	-	-	1	-	1
Fissure of nipple (611.2)	-	-	-	-	-	-	-	-	-
Fat necrosis of breast (611.3)	-	-	-	-	-	-	-	-	-
Atrophy of breast (611.4)	-	-	-	-	-	-	-	-	-
Galactocele (611.5)	-	...	-	...	-	...	-	...	-
Galactorrhea not associated with childbirth (611.6)	-	...	-	...	-	...	-	...	-
Signs and symptoms in breast (611.7)	-	-	-	-	-	-	-	-	-
Other (611.8)	1	-	1	-	1	-	-	-	-
Unspecified (611.9)	22	-	22	-	15	-	7	-	7
Inflammatory disease of female pelvic organs (614-616)	120	...	120	...	92	...	28	...	28
Inflammatory disease of ovary, fallopian tube, pelvic cellular tissue, and peritoneum (614)	92	...	92	...	69	...	23	...	23
Acute salpingitis and oophoritis (614.0)	-	...	-	...	-	...	-	...	-
Chronic salpingitis and oophoritis (614.1)	-	...	-	...	-	...	-	...	-
Salpingitis and oophoritis, not specified as acute, subacute, or chronic (614.2)	14	...	14	...	5	...	9	...	9
Acute parametritis and pelvic cellulitis (614.3)	-	...	-	...	-	...	-	...	-
Chronic or unspecified parametritis and pelvic cellulitis (614.4)	67	...	67	...	58	...	9	...	9
Acute or unspecified pelvic peritonitis, female (614.5)	1	...	1	...	1	...	-	...	-
Pelvic peritoneal adhesions, female (614.6)	1	...	1	...	-	...	1	...	1
Other chronic pelvic peritonitis, female (614.7)	-	...	-	...	-	...	-	...	-
Other specified inflammatory disease of female pelvic organs and tissues (614.8)	-	...	-	...	-	...	-	...	-
Unspecified inflammatory disease of female pelvic organs and tissues (614.9)	9	...	9	...	5	...	4	...	4
Inflammatory diseases of uterus, except cervix (615)	16	...	16	...	11	...	5	...	5
Acute (615.0)	-	...	-	...	-	...	-	...	-
Chronic (615.1)	-	...	-	...	-	...	-	...	-
Unspecified (615.9)	16	...	16	...	11	...	5	...	5
Inflammatory disease of cervix, vagina, and vulva (616)	12	...	12	...	12	...	-	...	-
Cervicitis and endocervicitis (616.0)	-	...	-	...	-	...	-	...	-
Vaginitis and vulvovaginitis (616.1)	8	...	8	...	8	...	-	...	-
Cyst of Bartholin's gland (616.2)	1	...	1	...	1	...	-	...	-
Abscess of Bartholin's gland (616.3)	1	...	1	...	1	...	-	...	-
Other abscess of vulva (616.4)	1	...	1	...	1	...	-	...	-
Ulceration of vulva (616.5)	-	...	-	...	-	...	-	...	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Diseases of male genital organs (600-608)	0.3	0.6	...	0.6	...	0.5	...	0.6	...
Hyperplasia of prostate (600)	.2	.4	...	.4	...	.3	...	.3	...
Inflammatory diseases of prostate (601)	.0	.0	...	.0	...	*	...	*	...
Acute prostatitis (601.0)	*	*	...	*	...	*	...	*	...
Chronic prostatitis (601.1)	*	*	...	*	...	*	...	*	...
Abscess of prostate (601.2)	*	*	...	*	...	*	...	*	...
Prostatocystitis (601.3)	*	*	...	*	...	*	...	*	...
Other (601.8)	*	*	...	*	...	*	...	*	...
Unspecified (601.9)	.0	.0	...	.0	...	*	...	*	...
Other disorders of prostate (602)	.0	.1	...	.1	...	*	...	*	...
Calculus of prostate (602.0)	*	*	...	*	...	*	...	*	...
Congestion or hemorrhage of prostate (602.1)	*	*	...	*	...	*	...	*	...
Atrophy of prostate (602.2)	*	*	...	*	...	*	...	*	...
Other (602.8)	*	*	...	*	...	*	...	*	...
Unspecified (602.9)	.0	.1	...	.1	...	*	...	*	...
Hydrocele (603)	*	*	...	*	...	*	...	*	...
Encysted hydrocele (603.0)	*	*	...	*	...	*	...	*	...
Infected hydrocele (603.1)	*	*	...	*	...	*	...	*	...
Other (603.8)	*	*	...	*	...	*	...	*	...
Unspecified (603.9)	*	*	...	*	...	*	...	*	...
Orchitis and epididymitis (604)	*	*	...	*	...	*	...	*	...
Orchitis, epididymitis, and epididymo-orchitis, with abscess (604.0)	*	*	...	*	...	*	...	*	...
Orchitis, epididymitis, and epididymo-orchitis, without mention of abscess (604.9)	*	*	...	*	...	*	...	*	...
Redundant prepuce and phimosis (605)	*	*	...	*	...	*	...	*	...
Infertility, male (606)	*	*	...	*	...	*	...	*	...
Disorders of penis (607)	*	*	...	*	...	*	...	*	...
Leukoplakia of penis (607.0)	*	*	...	*	...	*	...	*	...
Balanoposthitis (607.1)	*	*	...	*	...	*	...	*	...
Other inflammatory disorders of penis (607.2)	*	*	...	*	...	*	...	*	...
Priapism (607.3)	*	*	...	*	...	*	...	*	...
Other (607.8)	*	*	...	*	...	*	...	*	...
Unspecified (607.9)	*	*	...	*	...	*	...	*	...
Other disorders of male genital organs (608)	.0	.1	...	.0	...	*	...	*	...
Seminal vesiculitis (608.0)	*	*	...	*	...	*	...	*	...
Spermatocele (608.1)	*	*	...	*	...	*	...	*	...
Torsion of testis (608.2)	*	*	...	*	...	*	...	*	...
Atrophy of testis (608.3)	*	*	...	*	...	*	...	*	...
Other inflammatory disorders of male genital organs (608.4)	.0	.0	...	.0	...	*	...	*	...
Other (608.8)	.0	.0	...	*	...	*	...	*	...
Unspecified (608.9)	*	*	...	*	...	*	...	*	...
Disorders of breast (610-611)	.0	*	0.0	*	0.0	*	*	*	*
Benign mammary dysplasias (610)	*	*	*	*	*	*	*	*	*
Solitary cyst of breast (610.0)	*	*	*	*	*	*	*	*	*
Diffuse cystic mastopathy (610.1)	*	*	*	*	*	*	*	*	*
Fibroadenosis of breast (610.2)	*	*	*	*	*	*	*	*	*
Fibrosclerosis of breast (610.3)	*	*	*	*	*	*	*	*	*
Mammary duct ectasia (610.4)	*	*	*	*	*	*	*	*	*
Other (610.8)	*	*	*	*	*	*	*	*	*
Mammary dysplasia, unspecified (610.9)	*	*	*	*	*	*	*	*	*
Other disorders of breast (611)	.0	*	.0	*	.0	*	*	*	*
Inflammatory disease of breast (611.0)	*	*	*	*	*	*	*	*	*
Hypertrophy of breast (611.1)	*	*	*	*	*	*	*	*	*
Fissure of nipple (611.2)	*	*	*	*	*	*	*	*	*
Fat necrosis of breast (611.3)	*	*	*	*	*	*	*	*	*
Atrophy of breast (611.4)	*	*	*	*	*	*	*	*	*
Galactocele (611.5)	*	...	*	...	*	...	*	...	*
Galactorrhea not associated with childbirth (611.6)	*	...	*	...	*	...	*	...	*
Signs and symptoms in breast (611.7)	*	*	*	*	*	*	*	*	*
Other (611.8)	*	*	*	*	*	*	*	*	*
Unspecified (611.9)	.0	*	.0	*	*	*	*	*	*
Inflammatory disease of female pelvic organs (614-616)	.0	...	.1	...	.1	...	0.1	...	0.2
Inflammatory disease of ovary, fallopian tube, pelvic cellular tissue, and peritoneum (614)	.0	...	.1	...	.1	...	.1	...	.1
Acute salpingitis and oophoritis (614.0)	*	...	*	...	*	...	*	...	*
Chronic salpingitis and oophoritis (614.1)	*	...	*	...	*	...	*	...	*
Salpingitis and oophoritis, not specified as acute, subacute, or chronic (614.2)	*	...	*	...	*	...	*	...	*
Acute parametritis and pelvic cellulitis (614.3)	*	...	*	...	*	...	*	...	*
Chronic or unspecified parametritis and pelvic cellulitis (614.4)	.0	...	.1	...	.1	...	*	...	*
Acute or unspecified pelvic peritonitis, female (614.5)	*	...	*	...	*	...	*	...	*
Pelvic peritoneal adhesions, female (614.6)	*	...	*	...	*	...	*	...	*
Other chronic pelvic peritonitis, female (614.7)	*	...	*	...	*	...	*	...	*
Other specified inflammatory disease of female pelvic organs and tissues (614.8)	*	...	*	...	*	...	*	...	*
Unspecified inflammatory disease of female pelvic organs and tissues (614.9)	*	...	*	...	*	...	*	...	*
Inflammatory diseases of uterus, except cervix (615)	*	...	*	...	*	...	*	...	*
Acute (615.0)	*	...	*	...	*	...	*	...	*
Chronic (615.1)	*	...	*	...	*	...	*	...	*
Unspecified (615.9)	*	...	*	...	*	...	*	...	*
Inflammatory disease of cervix, vagina, and vulva (616)	*	...	*	...	*	...	*	...	*
Cervicitis and endocervicitis (616.0)	*	...	*	...	*	...	*	...	*
Vaginitis and vulvovaginitis (616.1)	*	...	*	...	*	...	*	...	*
Cyst of Bartholin's gland (616.2)	*	...	*	...	*	...	*	...	*
Abscess of Bartholin's gland (616.3)	*	...	*	...	*	...	*	...	*
Other abscess of vulva (616.4)	*	...	*	...	*	...	*	...	*
Ulceration of vulva (616.5)	*	...	*	...	*	...	*	...	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Inflammatory disease of cervix, vagina, and vulva-Con.									
Other (616.8)	1	...	1	...	1	...	-	...	-
Unspecified (616.9)	-	...	-	...	-	...	-	...	-
Other disorders of female genital tract (617-629)	142	...	142	...	122	...	20	...	20
Endometriosis (617)	1	...	1	...	1	...	-	...	-
Uterus (617.0)	-	...	-	...	-	...	-	...	-
Ovary (617.1)	-	...	-	...	-	...	-	...	-
Fallopian tube (617.2)	-	...	-	...	-	...	-	...	-
Pelvic peritoneum (617.3)	-	...	-	...	-	...	-	...	-
Rectovaginal septum and vagina (617.4)	-	...	-	...	-	...	-	...	-
Intestine (617.5)	-	...	-	...	-	...	-	...	-
Endometriosis in scar or skin (617.6)	-	...	-	...	-	...	-	...	-
Other specified sites (617.8)	-	...	-	...	-	...	-	...	-
Site unspecified (617.9)	1	...	1	...	1	...	-	...	-
Genital prolapse (618)	19	...	19	...	19	...	-	...	-
Prolapse of vaginal walls without mention of uterine prolapse (618.0)	7	...	7	...	7	...	-	...	-
Uterine prolapse without mention of vaginal wall prolapse (618.1)	9	...	9	...	9	...	-	...	-
Uterovaginal prolapse, incomplete (618.2)	-	...	-	...	-	...	-	...	-
Uterovaginal prolapse, complete (618.3)	1	...	1	...	1	...	-	...	-
Uterovaginal prolapse, unspecified (618.4)	1	...	1	...	1	...	-	...	-
Prolapse of vaginal vault after hysterectomy (618.5)	-	...	-	...	-	...	-	...	-
Vaginal enterocele, congenital or acquired (618.6)	-	...	-	...	-	...	-	...	-
Old laceration of muscles of pelvic floor (618.7)	-	...	-	...	-	...	-	...	-
Other (618.8)	1	...	1	...	1	...	-	...	-
Unspecified (618.9)	-	...	-	...	-	...	-	...	-
Fistulae involving female genital tract (619)	58	...	58	...	49	...	9	...	9
Urinary - genital tract fistulae, female (619.0)	10	...	10	...	9	...	1	...	1
Digestive - genital tract fistulae, female (619.1)	44	...	44	...	37	...	7	...	7
Genital tract - skin fistulae, female (619.2)	-	...	-	...	-	...	-	...	-
Other (619.8)	1	...	1	...	1	...	-	...	-
Unspecified fistula involving female genital tract (619.9)	3	...	3	...	2	...	1	...	1
Noninflammatory disorders of ovary, fallopian tube, and broad ligament (620)	27	...	27	...	21	...	6	...	6
Follicular cyst of ovary (620.0)	-	...	-	...	-	...	-	...	-
Corpus luteum cyst or hematoma (620.1)	-	...	-	...	-	...	-	...	-
Other and unspecified ovarian cyst (620.2)	17	...	17	...	13	...	4	...	4
Acquired atrophy of ovary and fallopian tube (620.3)	-	...	-	...	-	...	-	...	-
Prolapse or hernia of ovary and fallopian tube (620.4)	-	...	-	...	-	...	-	...	-
Torsion of ovary, ovarian pedicle or fallopian tube (620.5)	-	...	-	...	-	...	-	...	-
Broad ligament laceration syndrome (620.6)	-	...	-	...	-	...	-	...	-
Hematoma of broad ligament (620.7)	-	...	-	...	-	...	-	...	-
Other (620.8)	3	...	3	...	2	...	1	...	1
Unspecified (620.9)	7	...	7	...	6	...	1	...	1
Disorders of uterus, not elsewhere classified (621)	8	...	8	...	7	...	1	...	1
Polyp of corpus uteri (621.0)	1	...	1	...	1	...	-	...	-
Chronic subinvolution of uterus (621.1)	-	...	-	...	-	...	-	...	-
Hypertrophy of uterus (621.2)	1	...	1	...	1	...	-	...	-
Endometrial cystic hyperplasia (621.3)	-	...	-	...	-	...	-	...	-
Hematometra (621.4)	-	...	-	...	-	...	-	...	-
Intrauterine synechiae (621.5)	-	...	-	...	-	...	-	...	-
Malposition of uterus (621.6)	-	...	-	...	-	...	-	...	-
Chronic inversion of uterus (621.7)	-	...	-	...	-	...	-	...	-
Other (621.8)	4	...	4	...	4	...	-	...	-
Unspecified disorders of uterus (621.9)	2	...	2	...	1	...	1	...	1
Noninflammatory disorders of cervix (622)	1	...	1	...	1	...	-	...	-
Erosion and ectropion of cervix (622.0)	-	...	-	...	-	...	-	...	-
Dysplasia of cervix (uteri) (622.1)	-	...	-	...	-	...	-	...	-
Leukoplakia of cervix (uteri) (622.2)	-	...	-	...	-	...	-	...	-
Old laceration of cervix (622.3)	-	...	-	...	-	...	-	...	-
Stricture and stenosis of cervix (622.4)	-	...	-	...	-	...	-	...	-
Incompetence of cervix (622.5)	-	...	-	...	-	...	-	...	-
Hypertrophic elongation of cervix (622.6)	-	...	-	...	-	...	-	...	-
Mucous polyp of cervix (622.7)	-	...	-	...	-	...	-	...	-
Other (622.8)	1	...	1	...	1	...	-	...	-
Unspecified (622.9)	-	...	-	...	-	...	-	...	-
Noninflammatory disorders of vagina (623)	14	...	14	...	13	...	1	...	1
Dysplasia of vagina (623.0)	-	...	-	...	-	...	-	...	-
Leukoplakia of vagina (623.1)	-	...	-	...	-	...	-	...	-
Stricture or atresia of vagina (623.2)	-	...	-	...	-	...	-	...	-
Tight hymenal ring (623.3)	-	...	-	...	-	...	-	...	-
Old vaginal laceration (623.4)	-	...	-	...	-	...	-	...	-
Leukorrhea, not specified as infective (623.5)	-	...	-	...	-	...	-	...	-
Vaginal hematoma (623.6)	-	...	-	...	-	...	-	...	-
Polyp of vagina (623.7)	-	...	-	...	-	...	-	...	-
Other (623.8)	13	...	13	...	12	...	1	...	1
Unspecified (623.9)	1	...	1	...	1	...	-	...	-
Noninflammatory disorders of vulva and perineum (624)	-	...	-	...	-	...	-	...	-
Dystrophy of vulva (624.0)	-	...	-	...	-	...	-	...	-
Atrophy of vulva (624.1)	-	...	-	...	-	...	-	...	-
Hypertrophy of clitoris (624.2)	-	...	-	...	-	...	-	...	-
Hypertrophy of labia (624.3)	-	...	-	...	-	...	-	...	-
Old laceration or scarring of vulva (624.4)	-	...	-	...	-	...	-	...	-
Hematoma of vulva (624.5)	-	...	-	...	-	...	-	...	-
Polyp of labia and vulva (624.6)	-	...	-	...	-	...	-	...	-
Other (624.8)	-	...	-	...	-	...	-	...	-
Unspecified (624.9)	-	...	-	...	-	...	-	...	-
Pain and other symptoms associated with female genital organs (625)	1	...	1	...	-	...	1	...	1
Dyspareunia (625.0)	-	...	-	...	-	...	-	...	-
Vaginismus (625.1)	-	...	-	...	-	...	-	...	-
Mittelschmerz (625.2)	-	...	-	...	-	...	-	...	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Inflammatory disease of cervix, vagina, and vulva-Con.									
Other (616.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified (616.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other disorders of female genital tract (617-629)	0.1	. . .	0.1	. . .	0.1	. . .	0.1	. . .	0.1
Endometriosis (617)	*	. . .	*	. . .	*	. . .	*	. . .	*
Uterus (617.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Ovary (617.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Fallopian tube (617.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Pelvic peritoneum (617.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Rectovaginal septum and vagina (617.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Intestine (617.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Endometriosis in scar or skin (617.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other specified sites (617.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Site unspecified (617.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Genital prolapse (618)	*	. . .	*	. . .	*	. . .	*	. . .	*
Prolapse of vaginal walls without mention of uterine prolapse (618.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Uterine prolapse without mention of vaginal wall prolapse (618.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Uterovaginal prolapse, incomplete (618.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Uterovaginal prolapse, complete (618.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Uterovaginal prolapse, unspecified (618.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Prolapse of vaginal vault after hysterectomy (618.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Vaginal enterocele, congenital or acquired (618.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
Old laceration of muscles of pelvic floor (618.7)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other (618.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified (618.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Fistulae involving female genital tract (619)	.0	. . .	.0	. . .	.0	. . .	*	. . .	*
Urinary - genital tract fistulae, female (619.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Digestive - genital tract fistulae, female (619.1)	.0	. . .	.0	. . .	.0	. . .	*	. . .	*
Genital tract - skin fistulae, female (619.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other (619.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified fistula involving female genital tract (619.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Noninflammatory disorders of ovary, fallopian tube, and broad ligament (620)	.0	. . .	.0	. . .	.0	. . .	*	. . .	*
Follicular cyst of ovary (620.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Corpus luteum cyst or hematoma (620.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other and unspecified ovarian cyst (620.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Acquired atrophy of ovary and fallopian tube (620.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Prolapse or hernia of ovary and fallopian tube (620.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Torsion of ovary, ovarian pedicle or fallopian tube (620.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Broad ligament laceration syndrome (620.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
Hematoma of broad ligament (620.7)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other (620.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified (620.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Disorders of uterus, not elsewhere classified (621)	*	. . .	*	. . .	*	. . .	*	. . .	*
Polyp of corpus uteri (621.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Chronic subinvolution of uterus (621.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Hypertrophy of uterus (621.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Endometrial cystic hyperplasia (621.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Hematometra (621.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Intrauterine synechiae (621.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Malposition of uterus (621.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
Chronic inversion of uterus (621.7)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other (621.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified disorders of uterus (621.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Noninflammatory disorders of cervix (622)	*	. . .	*	. . .	*	. . .	*	. . .	*
Erosion and ectropion of cervix (622.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Dysplasia of cervix (uteri) (622.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Leukoplakia of cervix (uteri) (622.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Old laceration of cervix (622.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Stricture and stenosis of cervix (622.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Incompetence of cervix (622.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Hypertrophic elongation of cervix (622.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
Mucous polyp of cervix (622.7)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other (622.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified (622.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Noninflammatory disorders of vagina (623)	*	. . .	*	. . .	*	. . .	*	. . .	*
Dysplasia of vagina (623.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Leukoplakia of vagina (623.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Stricture or atresia of vagina (623.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Tight hymenal ring (623.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Old vaginal laceration (623.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Leukorrhea, not specified as infective (623.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Vaginal hematoma (623.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
Polyp of vagina (623.7)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other (623.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified (623.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Noninflammatory disorders of vulva and perineum (624)	*	. . .	*	. . .	*	. . .	*	. . .	*
Dystrophy of vulva (624.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Atrophy of vulva (624.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Hypertrophy of clitoris (624.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Hypertrophy of labia (624.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Old laceration or scarring of vulva (624.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Hematoma of vulva (624.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Polyp of labia and vulva (624.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other (624.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified (624.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Pain and other symptoms associated with female genital organs (625)	*	. . .	*	. . .	*	. . .	*	. . .	*
Dyspareunia (625.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Vaginismus (625.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Mittelschmerz (625.2)	*	. . .	*	. . .	*	. . .	*	. . .	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Pain and other symptoms associated with female genital organs-Con.									
Dysmenorrhea (625.3)	-	...	-	...	-	...	-	...	-
Premenstrual tension syndromes (625.4)	-	...	-	...	-	...	-	...	-
Pelvic congestion syndrome (625.5)	-	...	-	...	-	...	-	...	-
Stress incontinence, female (625.6)	-	...	-	...	-	...	-	...	-
Other (625.8)	-	...	-	...	-	...	-	...	-
Unspecified (625.9)	1	...	1	...	-	...	1	...	1
Disorders of menstruation and other abnormal bleeding from female genital tract (626)	7	...	7	...	6	...	1	...	1
Absence of menstruation (626.0)	-	...	-	...	-	...	-	...	-
Scanty or infrequent menstruation (626.1)	-	...	-	...	-	...	-	...	-
Excessive or frequent menstruation (626.2)	1	...	1	...	-	...	1	...	1
Puberty bleeding (626.3)	-	...	-	...	-	...	-	...	-
Irregular menstrual cycle (626.4)	-	...	-	...	-	...	-	...	-
Ovulation bleeding (626.5)	-	...	-	...	-	...	-	...	-
Metrorrhagia (626.6)	-	...	-	...	-	...	-	...	-
Postcoital bleeding (626.7)	-	...	-	...	-	...	-	...	-
Other (626.8)	-	...	-	...	-	...	-	...	-
Unspecified (626.9)	6	...	6	...	6	...	-	...	-
Menopausal and postmenopausal disorders (627)	1	...	1	...	1	...	-	...	-
Premenopausal menorrhagia (627.0)	-	...	-	...	-	...	-	...	-
Postmenopausal bleeding (627.1)	1	...	1	...	1	...	-	...	-
Menopausal or female climacteric states (627.2)	-	...	-	...	-	...	-	...	-
Postmenopausal atrophic vaginitis (627.3)	-	...	-	...	-	...	-	...	-
States associated with artificial menopause (627.4)	-	...	-	...	-	...	-	...	-
Other (627.8)	-	...	-	...	-	...	-	...	-
Unspecified (627.9)	-	...	-	...	-	...	-	...	-
Infertility, female (628)	-	...	-	...	-	...	-	...	-
Associated with anovulation (628.0)	-	...	-	...	-	...	-	...	-
Of tubal origin (628.2)	-	...	-	...	-	...	-	...	-
Of uterine origin (628.3)	-	...	-	...	-	...	-	...	-
Of cervical or vaginal origin (628.4)	-	...	-	...	-	...	-	...	-
Of other specified origin (628.8)	-	...	-	...	-	...	-	...	-
Of unspecified origin (628.9)	-	...	-	...	-	...	-	...	-
Other disorders of female genital organs (629)	5	...	5	...	4	...	1	...	1
Hematocele, female (629.0)	-	...	-	...	-	...	-	...	-
Hydrocele, canal of Nuck (629.1)	-	...	-	...	-	...	-	...	-
Other (629.8)	1	...	1	...	1	...	-	...	-
Unspecified (629.9)	4	...	4	...	3	...	1	...	1
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)									
Pregnancy with abortive outcome (630-638)	57	...	57	...	23	...	34	...	33
Hydatidiform mole (630)	2	...	2	...	1	...	1	...	1
Other abnormal product of conception (631)	-	...	-	...	-	...	-	...	-
Missed abortion (632)	-	...	-	...	-	...	-	...	-
Ectopic pregnancy (633)	41	...	41	...	14	...	27	...	26
Abdominal pregnancy (633.0)	1	...	1	...	-	...	1	...	1
Tubal pregnancy (633.1)	14	...	14	...	7	...	7	...	7
Ovarian pregnancy (633.2)	-	...	-	...	-	...	-	...	-
Other ectopic pregnancy (633.8)	-	...	-	...	-	...	-	...	-
Unspecified (633.9)	26	...	26	...	7	...	19	...	18
Spontaneous abortion (634)	6	...	6	...	4	...	2	...	2
Complicated by genital tract and pelvic infection (634.0)	5	...	5	...	3	...	2	...	2
Complicated by delayed or excessive hemorrhage (634.1)	-	...	-	...	-	...	-	...	-
Complicated by damage to pelvic organs and tissues (634.2)	-	...	-	...	-	...	-	...	-
Complicated by renal failure (634.3)	-	...	-	...	-	...	-	...	-
Complicated by metabolic disorder (634.4)	-	...	-	...	-	...	-	...	-
Complicated by shock (634.5)	-	...	-	...	-	...	-	...	-
Complicated by embolism (634.6)	-	...	-	...	-	...	-	...	-
With other specified complications (634.7)	1	...	1	...	1	...	-	...	-
With unspecified complications (634.8)	-	...	-	...	-	...	-	...	-
Without mention of complication (634.9)	-	...	-	...	-	...	-	...	-
Legally induced abortion (635)	1	...	1	...	-	...	1	...	1
Complicated by genital tract and pelvic infection (635.0)	-	...	-	...	-	...	-	...	-
Complicated by delayed or excessive hemorrhage (635.1)	-	...	-	...	-	...	-	...	-
Complicated by damage to pelvic organs and tissues (635.2)	1	...	1	...	-	...	1	...	1
Complicated by renal failure (635.3)	-	...	-	...	-	...	-	...	-
Complicated by metabolic disorder (635.4)	-	...	-	...	-	...	-	...	-
Complicated by shock (635.5)	-	...	-	...	-	...	-	...	-
Complicated by embolism (635.6)	-	...	-	...	-	...	-	...	-
With other specified complications (635.7)	-	...	-	...	-	...	-	...	-
With unspecified complications (635.8)	-	...	-	...	-	...	-	...	-
Without mention of complication (635.9)	-	...	-	...	-	...	-	...	-
Illegally induced abortion (636)	1	...	1	...	1	...	-	...	-
Complicated by genital tract and pelvic infection (636.0)	-	...	-	...	-	...	-	...	-
Complicated by delayed or excessive hemorrhage (636.1)	-	...	-	...	-	...	-	...	-
Complicated by damage to pelvic organs and tissues (636.2)	-	...	-	...	-	...	-	...	-
Complicated by renal failure (636.3)	-	...	-	...	-	...	-	...	-
Complicated by metabolic disorder (636.4)	-	...	-	...	-	...	-	...	-
Complicated by shock (636.5)	-	...	-	...	-	...	-	...	-
Complicated by embolism (636.6)	-	...	-	...	-	...	-	...	-
With other specified complications (636.7)	-	...	-	...	-	...	-	...	-
With unspecified complications (636.8)	-	...	-	...	-	...	-	...	-
Without mention of complication (636.9)	1	...	1	...	1	...	-	...	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Pain and other symptoms associated with female genital organs-Con.									
Dysmenorrhea (625.3)	*	...	*	...	*	...	*	...	*
Premenstrual tension syndromes (625.4)	*	...	*	...	*	...	*	...	*
Pelvic congestion syndrome (625.5)	*	...	*	...	*	...	*	...	*
Stress incontinence, female (625.6)	*	...	*	...	*	...	*	...	*
Other (625.8)	*	...	*	...	*	...	*	...	*
Unspecified (625.9)	*	...	*	...	*	...	*	...	*
Disorders of menstruation and other abnormal bleeding from female genital tract (626)	*	...	*	...	*	...	*	...	*
Absence of menstruation (626.0)	*	...	*	...	*	...	*	...	*
Scanty or infrequent menstruation (626.1)	*	...	*	...	*	...	*	...	*
Excessive or frequent menstruation (626.2)	*	...	*	...	*	...	*	...	*
Puberty bleeding (626.3)	*	...	*	...	*	...	*	...	*
Irregular menstrual cycle (626.4)	*	...	*	...	*	...	*	...	*
Ovulation bleeding (626.5)	*	...	*	...	*	...	*	...	*
Metrorrhagia (626.6)	*	...	*	...	*	...	*	...	*
Postcoital bleeding (626.7)	*	...	*	...	*	...	*	...	*
Other (626.8)	*	...	*	...	*	...	*	...	*
Unspecified (626.9)	*	...	*	...	*	...	*	...	*
Menopausal and postmenopausal disorders (627)	*	...	*	...	*	...	*	...	*
Premenopausal menorrhagia (627.0)	*	...	*	...	*	...	*	...	*
Postmenopausal bleeding (627.1)	*	...	*	...	*	...	*	...	*
Menopausal or female climacteric states (627.2)	*	...	*	...	*	...	*	...	*
Postmenopausal atrophic vaginitis (627.3)	*	...	*	...	*	...	*	...	*
States associated with artificial menopause (627.4)	*	...	*	...	*	...	*	...	*
Other (627.8)	*	...	*	...	*	...	*	...	*
Unspecified (627.9)	*	...	*	...	*	...	*	...	*
Infertility, female (628)	*	...	*	...	*	...	*	...	*
Associated with anovulation (628.0)	*	...	*	...	*	...	*	...	*
Of tubal origin (628.2)	*	...	*	...	*	...	*	...	*
Of uterine origin (628.3)	*	...	*	...	*	...	*	...	*
Of cervical or vaginal origin (628.4)	*	...	*	...	*	...	*	...	*
Of other specified origin (628.8)	*	...	*	...	*	...	*	...	*
Of unspecified origin (628.9)	*	...	*	...	*	...	*	...	*
Other disorders of female genital organs (629)	*	...	*	...	*	...	*	...	*
Hematocele, female (629.0)	*	...	*	...	*	...	*	...	*
Hydrocele, canal of Nuck (629.1)	*	...	*	...	*	...	*	...	*
Other (629.8)	*	...	*	...	*	...	*	...	*
Unspecified (629.9)	*	...	*	...	*	...	*	...	*
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)									
Pregnancy with abortive outcome (630-638)	0.0	...	0.0	...	0.0	...	0.2	...	0.2
Hydatidiform mole (630)	*	...	*	...	*	...	*	...	*
Other abnormal product of conception (631)	*	...	*	...	*	...	*	...	*
Missed abortion (632)	*	...	*	...	*	...	*	...	*
Ectopic pregnancy (633)	.0	...	.0	...	*	...	.1	...	.2
Abdominal pregnancy (633.0)	*	...	*	...	*	...	*	...	*
Tubal pregnancy (633.1)	*	...	*	...	*	...	*	...	*
Ovarian pregnancy (633.2)	*	...	*	...	*	...	*	...	*
Other ectopic pregnancy (633.8)	*	...	*	...	*	...	*	...	*
Unspecified (633.9)	.0	...	.0	...	*	...	*	...	*
Spontaneous abortion (634)	*	...	*	...	*	...	*	...	*
Complicated by genital tract and pelvic infection (634.0)	*	...	*	...	*	...	*	...	*
Complicated by delayed or excessive hemorrhage (634.1)	*	...	*	...	*	...	*	...	*
Complicated by damage to pelvic organs and tissues (634.2)	*	...	*	...	*	...	*	...	*
Complicated by renal failure (634.3)	*	...	*	...	*	...	*	...	*
Complicated by metabolic disorder (634.4)	*	...	*	...	*	...	*	...	*
Complicated by shock (634.5)	*	...	*	...	*	...	*	...	*
Complicated by embolism (634.6)	*	...	*	...	*	...	*	...	*
With other specified complications (634.7)	*	...	*	...	*	...	*	...	*
With unspecified complications (634.8)	*	...	*	...	*	...	*	...	*
Without mention of complication (634.9)	*	...	*	...	*	...	*	...	*
Legally induced abortion (635)	*	...	*	...	*	...	*	...	*
Complicated by genital tract and pelvic infection (635.0)	*	...	*	...	*	...	*	...	*
Complicated by delayed or excessive hemorrhage (635.1)	*	...	*	...	*	...	*	...	*
Complicated by damage to pelvic organs and tissues (635.2)	*	...	*	...	*	...	*	...	*
Complicated by renal failure (635.3)	*	...	*	...	*	...	*	...	*
Complicated by metabolic disorder (635.4)	*	...	*	...	*	...	*	...	*
Complicated by shock (635.5)	*	...	*	...	*	...	*	...	*
Complicated by embolism (635.6)	*	...	*	...	*	...	*	...	*
With other specified complications (635.7)	*	...	*	...	*	...	*	...	*
With unspecified complications (635.8)	*	...	*	...	*	...	*	...	*
Without mention of complication (635.9)	*	...	*	...	*	...	*	...	*
Illegally induced abortion (636)	*	...	*	...	*	...	*	...	*
Complicated by genital tract and pelvic infection (636.0)	*	...	*	...	*	...	*	...	*
Complicated by delayed or excessive hemorrhage (636.1)	*	...	*	...	*	...	*	...	*
Complicated by damage to pelvic organs and tissues (636.2)	*	...	*	...	*	...	*	...	*
Complicated by renal failure (636.3)	*	...	*	...	*	...	*	...	*
Complicated by metabolic disorder (636.4)	*	...	*	...	*	...	*	...	*
Complicated by shock (636.5)	*	...	*	...	*	...	*	...	*
Complicated by embolism (636.6)	*	...	*	...	*	...	*	...	*
With other specified complications (636.7)	*	...	*	...	*	...	*	...	*
With unspecified complications (636.8)	*	...	*	...	*	...	*	...	*
Without mention of complication (636.9)	*	...	*	...	*	...	*	...	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Pregnancy with abortive outcome-Con.									
Unspecified abortion (637)	6	...	6	...	3	...	3	...	3
Complicated by genital tract and pelvic infection (637.0)	-	...	-	...	-	...	-	...	-
Complicated by delayed or excessive hemorrhage (637.1)	1	...	1	...	-	...	1	...	1
Complicated by damage to pelvic organs and tissues (637.2)	2	...	2	...	1	...	1	...	1
Complicated by renal failure (637.3)	-	...	-	...	-	...	-	...	-
Complicated by metabolic disorder (637.4)	-	...	-	...	-	...	-	...	-
Complicated by shock (637.5)	-	...	-	...	-	...	-	...	-
Complicated by embolism (637.6)	-	...	-	...	-	...	-	...	-
With other specified complications (637.7)	2	...	2	...	2	...	-	...	-
With unspecified complications (637.8)	-	...	-	...	-	...	-	...	-
Without mention of complication (637.9)	1	...	1	...	-	...	1	...	1
Failed attempted abortion (638)	-	...	-	...	-	...	-	...	-
Complicated by genital tract and pelvic infection (638.0)	-	...	-	...	-	...	-	...	-
Complicated by delayed or excessive hemorrhage (638.1)	-	...	-	...	-	...	-	...	-
Complicated by damage to pelvic organs and tissues (638.2)	-	...	-	...	-	...	-	...	-
Complicated by renal failure (638.3)	-	...	-	...	-	...	-	...	-
Complicated by metabolic disorder (638.4)	-	...	-	...	-	...	-	...	-
Complicated by shock (638.5)	-	...	-	...	-	...	-	...	-
Complicated by embolism (638.6)	-	...	-	...	-	...	-	...	-
With other specified complications (638.7)	-	...	-	...	-	...	-	...	-
With unspecified complications (638.8)	-	...	-	...	-	...	-	...	-
Without mention of complication (638.9)	-	...	-	...	-	...	-	...	-
Complications mainly related to pregnancy (640-648)	125	...	125	...	73	...	52	...	49
Hemorrhage in early pregnancy (640)	-	...	-	...	-	...	-	...	-
Antepartum hemorrhage, abruptio placentae, and placenta praevia (641)	26	...	26	...	17	...	9	...	9
Hypertension complicating pregnancy, childbirth, and the puerperium (642)	65	...	65	...	35	...	30	...	27
Benign essential hypertension complicating pregnancy, childbirth, and the puerperium (642.0)	1	...	1	...	1	...	-	...	-
Hypertension secondary to renal disease, complicating pregnancy, childbirth, and the puerperium (642.1)	-	...	-	...	-	...	-	...	-
Other pre-existing hypertension complicating pregnancy, childbirth, and the puerperium (642.2)	1	...	1	...	-	...	1	...	1
Transient hypertension of pregnancy (642.3)	-	...	-	...	-	...	-	...	-
Mild or unspecified pre-eclampsia (642.4)	21	...	21	...	11	...	10	...	8
Severe pre-eclampsia (642.5)	10	...	10	...	6	...	4	...	4
Eclampsia (642.6)	25	...	25	...	14	...	11	...	11
Pre-eclampsia or eclampsia superimposed on pre-existing hypertension (642.7)	2	...	2	...	1	...	1	...	1
Unspecified hypertension complicating pregnancy, childbirth, and the puerperium (642.9)	5	...	5	...	2	...	3	...	2
Excessive vomiting in pregnancy (643)	1	...	1	...	-	...	1	...	1
Early or threatened labor (644)	-	...	-	...	-	...	-	...	-
Prolonged pregnancy (645)	-	...	-	...	-	...	-	...	-
Other complications of pregnancy, not elsewhere classified (646)	12	...	12	...	7	...	5	...	5
Papyraceous fetus (646.0)	-	...	-	...	-	...	-	...	-
Edema or excessive weight gain in pregnancy without mention of hypertension (646.1)	-	...	-	...	-	...	-	...	-
Unspecified renal disease in pregnancy without mention of hypertension (646.2)	-	...	-	...	-	...	-	...	-
Habitual aborter (646.3)	-	...	-	...	-	...	-	...	-
Peripheral neuritis in pregnancy (646.4)	-	...	-	...	-	...	-	...	-
Asymptomatic bacteriuria in pregnancy (646.5)	-	...	-	...	-	...	-	...	-
Infections of genitourinary tract in pregnancy (646.6)	6	...	6	...	5	...	1	...	1
Liver disorders in pregnancy (646.7)	4	...	4	...	-	...	4	...	4
Other specified complications of pregnancy (646.8)	1	...	1	...	1	...	-	...	-
Unspecified complication of pregnancy (646.9)	1	...	1	...	1	...	-	...	-
Infective and parasitic conditions in the mother classifiable elsewhere but complicating pregnancy, childbirth, and the puerperium (647)	6	...	6	...	4	...	2	...	2
Syphilis (647.0)	-	...	-	...	-	...	-	...	-
Gonorrhea (647.1)	-	...	-	...	-	...	-	...	-
Other venereal diseases (647.2)	-	...	-	...	-	...	-	...	-
Tuberculosis (647.3)	-	...	-	...	-	...	-	...	-
Malaria (647.4)	-	...	-	...	-	...	-	...	-
Rubella (647.5)	-	...	-	...	-	...	-	...	-
Other viral diseases (647.6)	-	...	-	...	-	...	-	...	-
Other specified infective and parasitic diseases (647.8)	6	...	6	...	4	...	2	...	2
Unspecified infection or infestation (647.9)	-	...	-	...	-	...	-	...	-
Other current conditions in the mother classifiable elsewhere but complicating pregnancy, childbirth, and the puerperium (648)	15	...	15	...	10	...	5	...	5
Diabetes mellitus (648.0)	-	...	-	...	-	...	-	...	-
Thyroid dysfunction (648.1)	-	...	-	...	-	...	-	...	-
Anemia (648.2)	-	...	-	...	-	...	-	...	-
Drug dependence (648.3)	-	...	-	...	-	...	-	...	-
Mental disorders (648.4)	-	...	-	...	-	...	-	...	-
Congenital cardiovascular disorders (648.5)	-	...	-	...	-	...	-	...	-
Other cardiovascular diseases (648.6)	13	...	13	...	8	...	5	...	5
Bone and joint disorders of back, pelvis, and lower limbs (648.7)	-	...	-	...	-	...	-	...	-
Abnormal glucose tolerance (648.8)	-	...	-	...	-	...	-	...	-
Other (648.9)	2	...	2	...	2	...	-	...	-
Normal delivery, and other indications for care in pregnancy, labor, and delivery (650-659)	6	...	6	...	3	...	3	...	3
Delivery in a completely normal case (650)	-	...	-	...	-	...	-	...	-
Multiple gestation (651)	-	...	-	...	-	...	-	...	-
Malposition and malpresentation of fetus (652)	-	...	-	...	-	...	-	...	-
Disproportion (653)	-	...	-	...	-	...	-	...	-
Abnormality of organs and soft tissues of pelvis (654)	-	...	-	...	-	...	-	...	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

(Page 88 of 140)

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Pregnancy with abortive outcome-Con.									
Unspecified abortion (637)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by genital tract and pelvic infection (637.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by delayed or excessive hemorrhage (637.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by damage to pelvic organs and tissues (637.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by renal failure (637.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by metabolic disorder (637.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by shock (637.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by embolism (637.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
With other specified complications (637.7)	*	. . .	*	. . .	*	. . .	*	. . .	*
With unspecified complications (637.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Without mention of complication (637.9)	*	. . .	*	. . .	*	. . .	*	. . .	
Failed attempted abortion (638)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by genital tract and pelvic infection (638.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by delayed or excessive hemorrhage (638.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by damage to pelvic organs and tissues (638.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by renal failure (638.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by metabolic disorder (638.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by shock (638.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complicated by embolism (638.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
With other specified complications (638.7)	*	. . .	*	. . .	*	. . .	*	. . .	*
With unspecified complications (638.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Without mention of complication (638.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Complications mainly related to pregnancy (640-648)	0.1	. . .	0.1	. . .	0.1	. . .	0.2	. . .	0.3
Hemorrhage in early pregnancy (640)	*	. . .	*	. . .	*	. . .	*	. . .	*
Antepartum hemorrhage, abruptio placentae, and placenta praevia (641)	.0	. . .	.0	. . .	*	. . .	*	. . .	*
Hypertension complicating pregnancy, childbirth, and the puerperium (642)	.0	. . .	.1	. . .	.0	. . .	.1	. . .	.2
Benign essential hypertension complicating pregnancy, childbirth, and the puerperium (642.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Hypertension secondary to renal disease, complicating pregnancy, childbirth, and the puerperium (642.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other pre-existing hypertension complicating pregnancy, childbirth, and the puerperium (642.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Transient hypertension of pregnancy (642.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Mild or unspecified pre-eclampsia (642.4)	.0	. . .	.0	. . .	*	. . .	*	. . .	*
Severe pre-eclampsia (642.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Eclampsia (642.6)	.0	. . .	.0	. . .	*	. . .	*	. . .	*
Pre-eclampsia or eclampsia superimposed on pre-existing hypertension (642.7)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified hypertension complicating pregnancy, childbirth, and the puerperium (642.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Excessive vomiting in pregnancy (643)	*	. . .	*	. . .	*	. . .	*	. . .	*
Early or threatened labor (644)	*	. . .	*	. . .	*	. . .	*	. . .	*
Prolonged pregnancy (645)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other complications of pregnancy, not elsewhere classified (646)	*	. . .	*	. . .	*	. . .	*	. . .	*
Papyraceous fetus (646.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Edema or excessive weight gain in pregnancy without mention of hypertension (646.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified renal disease in pregnancy without mention of hypertension (646.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Habitual aborter (646.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Peripheral neuritis in pregnancy (646.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Asymptomatic bacteriuria in pregnancy (646.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Infections of genitourinary tract in pregnancy (646.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
Liver disorders in pregnancy (646.7)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other specified complications of pregnancy (646.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified complication of pregnancy (646.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Infective and parasitic conditions in the mother classifiable elsewhere but complicating pregnancy, childbirth, and the puerperium (647)	*	. . .	*	. . .	*	. . .	*	. . .	*
Syphilis (647.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Gonorrhea (647.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other venereal diseases (647.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Tuberculosis (647.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Malaria (647.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Rubella (647.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other viral diseases (647.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other specified infective and parasitic diseases (647.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Unspecified infection or infestation (647.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other current conditions in the mother classifiable elsewhere but complicating pregnancy, childbirth, and the puerperium (648)	*	. . .	*	. . .	*	. . .	*	. . .	*
Diabetes mellitus (648.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Thyroid dysfunction (648.1)	*	. . .	*	. . .	*	. . .	*	. . .	*
Anemia (648.2)	*	. . .	*	. . .	*	. . .	*	. . .	*
Drug dependence (648.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Mental disorders (648.4)	*	. . .	*	. . .	*	. . .	*	. . .	*
Congenital cardiovascular disorders (648.5)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other cardiovascular diseases (648.6)	*	. . .	*	. . .	*	. . .	*	. . .	*
Bone and joint disorders of back, pelvis, and lower limbs (648.7)	*	. . .	*	. . .	*	. . .	*	. . .	*
Abnormal glucose tolerance (648.8)	*	. . .	*	. . .	*	. . .	*	. . .	*
Other (648.9)	*	. . .	*	. . .	*	. . .	*	. . .	*
Normal delivery, and other indications for care in pregnancy, labor, and delivery (650-659)	*	. . .	*	. . .	*	. . .	*	. . .	*
Delivery in a completely normal case (650)	*	. . .	*	. . .	*	. . .	*	. . .	*
Multiple gestation (651)	*	. . .	*	. . .	*	. . .	*	. . .	*
Malposition and malpresentation of fetus (652)	*	. . .	*	. . .	*	. . .	*	. . .	*
Disproportion (653)	*	. . .	*	. . .	*	. . .	*	. . .	*
Abnormality of organs and soft tissues of pelvis (654)	*	. . .	*	. . .	*	. . .	*	. . .	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

(Page 89 of 140)

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Normal delivery, and other indications for care in pregnancy, labor, and delivery-Con.									
Known or suspected fetal abnormality affecting management of mother (655)	-	...	-	...	-	...	-	...	-
Other fetal and placental problems affecting management of mother (656)	2	...	2	...	1	...	1	...	1
Polyhydramnios (657)	-	...	-	...	-	...	-	...	-
Other problems associated with amniotic cavity and membranes (658)	4	...	4	...	2	...	2	...	2
Other indications for care or intervention related to labor and delivery and not elsewhere classified (659)	-	...	-	...	-	...	-	...	-
Complications occurring mainly in the course of labor and delivery (660-669)	56	...	56	...	27	...	29	...	25
Obstructed labor (660)	-	...	-	...	-	...	-	...	-
Abnormality of forces of labor (661)	-	...	-	...	-	...	-	...	-
Long labor (662)	-	...	-	...	-	...	-	...	-
Umbilical cord complications (663)	-	...	-	...	-	...	-	...	-
Trauma to perineum and vulva during delivery (664)	1	...	1	...	-	...	1	...	-
Other obstetrical trauma (665)	8	...	8	...	2	...	6	...	4
Postpartum hemorrhage (666)	18	...	18	...	9	...	9	...	8
Retained placenta or membranes without hemorrhage (667)	2	...	2	...	2	...	-	...	-
Complications of the administration of anesthetic or other sedation in labor and delivery (668)	1	...	1	...	1	...	-	...	-
Other complications of labor and delivery, not elsewhere classified (669)	26	...	26	...	13	...	13	...	13
Complications of the puerperium (670-676)	99	...	99	...	51	...	48	...	43
Major puerperal infection (670)	7	...	7	...	4	...	3	...	2
Venous complications in pregnancy and the puerperium (671)	16	...	16	...	10	...	6	...	6
Pyrexia of unknown origin during the puerperium (672)	-	...	-	...	-	...	-	...	-
Obstetrical pulmonary embolism (673)	35	...	35	...	18	...	17	...	15
Other and unspecified complications of the puerperium, not elsewhere classified (674)	41	...	41	...	19	...	22	...	20
Infections of the breast and nipple associated with childbirth (675)	-	...	-	...	-	...	-	...	-
Other disorders of the breast associated with childbirth and disorders of lactation (676)	-	...	-	...	-	...	-	...	-
XII. Diseases of the skin and subcutaneous tissue (680-709)									
Infections of skin and subcutaneous tissue (680-686)	771	315	456	250	378	65	78	59	70
Carbuncle and furuncle (680)	1	1	-	1	-	-	-	-	-
Face (680.0)	-	-	-	-	-	-	-	-	-
Neck (680.1)	-	-	-	-	-	-	-	-	-
Trunk (680.2)	-	-	-	-	-	-	-	-	-
Upper arm and forearm (680.3)	-	-	-	-	-	-	-	-	-
Hand (680.4)	-	-	-	-	-	-	-	-	-
Buttock (680.5)	-	-	-	-	-	-	-	-	-
Leg, except foot (680.6)	-	-	-	-	-	-	-	-	-
Foot (680.7)	-	-	-	-	-	-	-	-	-
Other specified site (680.8)	-	-	-	-	-	-	-	-	-
Unspecified site (680.9)	1	1	-	1	-	-	-	-	-
Cellulitis and abscess of finger and toe (681)	4	2	2	1	2	1	-	1	-
Finger (681.0)	2	1	1	1	1	-	-	-	-
Toe (681.1)	2	1	1	-	1	1	-	1	-
Unspecified digit (681.9)	-	-	-	-	-	-	-	-	-
Other cellulitis and abscess (682)	626	254	372	206	311	48	61	43	54
Face (682.0)	13	5	8	4	7	1	1	1	1
Neck (682.1)	13	5	8	4	6	1	2	1	1
Trunk (682.2)	57	13	44	10	33	3	11	3	10
Upper arm and forearm (682.3)	47	25	22	18	18	7	4	6	3
Hand, except fingers (682.4)	6	3	3	3	2	-	1	-	1
Buttock (682.5)	11	2	9	1	7	1	2	1	1
Leg, except foot (682.6)	195	86	109	73	93	13	16	12	15
Foot, except toes (682.7)	42	19	23	16	21	3	2	2	2
Other specified site (682.8)	16	7	9	7	7	-	2	-	2
Unspecified site (682.9)	226	89	137	70	117	19	20	17	18
Acute lymphadenitis (683)	2	1	1	-	-	1	1	1	-
Impetigo (684)	2	1	1	1	-	-	1	-	1
Pilonidal cyst (685)	-	-	-	-	-	-	-	-	-
With abscess (685.0)	-	-	-	-	-	-	-	-	-
Without mention of abscess (685.1)	-	-	-	-	-	-	-	-	-
Other local infections of skin and subcutaneous tissue (686)	136	56	80	41	65	15	15	14	15
Pyoderma (686.0)	4	1	3	1	3	-	-	-	-
Pyogenic granuloma (686.1)	11	9	2	4	1	5	1	4	1
Other local infections of skin and subcutaneous tissue (686.8)	2	-	2	-	2	-	-	-	-
Unspecified local infections of skin and subcutaneous tissue (686.9)	119	46	73	36	59	10	14	10	14

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Normal delivery, and other indications for care in pregnancy, labor, and delivery-Con.									
Known or suspected fetal abnormality affecting management of mother (655)	*	...	*	...	*	...	*	...	*
Other fetal and placental problems affecting management of mother (656)	*	...	*	...	*	...	*	...	*
Polyhydramnios (657)	*	...	*	...	*	...	*	...	*
Other problems associated with amniotic cavity and membranes (658)	*	...	*	...	*	...	*	...	*
Other indications for care or intervention related to labor and delivery and not elsewhere classified (659)	*	...	*	...	*	...	*	...	*
Complications occurring mainly in the course of labor and delivery (660-669)	0.0	...	0.0	...	0.0	...	0.1	...	0.2
Obstructed labor (660)	*	...	*	...	*	...	*	...	*
Abnormality of forces of labor (661)	*	...	*	...	*	...	*	...	*
Long labor (662)	*	...	*	...	*	...	*	...	*
Umbilical cord complications (663)	*	...	*	...	*	...	*	...	*
Trauma to perineum and vulva during delivery (664)	*	...	*	...	*	...	*	...	*
Other obstetrical trauma (665)	*	...	*	...	*	...	*	...	*
Postpartum hemorrhage (666)	*	...	*	...	*	...	*	...	*
Retained placenta or membranes without hemorrhage (667)	*	...	*	...	*	...	*	...	*
Complications of the administration of anesthetic or other sedation in labor and delivery (668)	*	...	*	...	*	...	*	...	*
Other complications of labor and delivery, not elsewhere classified (669)	.0	...	.0	...	*	...	*	...	*
Complications of the puerperium (670-676)	.0	...	.1	...	.0	...	.2	...	.3
Major puerperal infection (670)	*	...	*	...	*	...	*	...	*
Venous complications in pregnancy and the puerperium (671)	*	...	*	...	*	...	*	...	*
Pyrexia of unknown origin during the puerperium (672)	*	...	*	...	*	...	*	...	*
Obstetrical pulmonary embolism (673)	.0	...	.0	...	*	...	*	...	*
Other and unspecified complications of the puerperium, not elsewhere classified (674)	.0	...	.0	...	*	...	.1	...	.1
Infections of the breast and nipple associated with childbirth (675)	*	...	*	...	*	...	*	...	*
Other disorders of the breast associated with childbirth and disorders of lactation (676)	*	...	*	...	*	...	*	...	*
XII. Diseases of the skin and subcutaneous tissue (680-709)									
Infections of skin and subcutaneous tissue (680-686)	.3	0.3	.4	0.2	.4	0.3	.4	0.4	.4
Carbuncle and furuncle (680)	*	*	*	*	*	*	*	*	*
Face (680.0)	*	*	*	*	*	*	*	*	*
Neck (680.1)	*	*	*	*	*	*	*	*	*
Trunk (680.2)	*	*	*	*	*	*	*	*	*
Upper arm and forearm (680.3)	*	*	*	*	*	*	*	*	*
Hand (680.4)	*	*	*	*	*	*	*	*	*
Buttock (680.5)	*	*	*	*	*	*	*	*	*
Leg, except foot (680.6)	*	*	*	*	*	*	*	*	*
Foot (680.7)	*	*	*	*	*	*	*	*	*
Other specified site (680.8)	*	*	*	*	*	*	*	*	*
Unspecified site (680.9)	*	*	*	*	*	*	*	*	*
Cellulitis and abscess of finger and toe (681)	*	*	*	*	*	*	*	*	*
Finger (681.0)	*	*	*	*	*	*	*	*	*
Toe (681.1)	*	*	*	*	*	*	*	*	*
Unspecified digit (681.9)	*	*	*	*	*	*	*	*	*
Other cellulitis and abscess (682)	.3	.2	.3	.2	.3	.3	.3	.3	.3
Face (682.0)	*	*	*	*	*	*	*	*	*
Neck (682.1)	*	*	*	*	*	*	*	*	*
Trunk (682.2)	.0	*	.0	*	.0	*	*	*	*
Upper arm and forearm (682.3)	.0	.0	.0	*	*	*	*	*	*
Hand, except fingers (682.4)	*	*	*	*	*	*	*	*	*
Buttock (682.5)	*	*	*	*	*	*	*	*	*
Leg, except foot (682.6)	.1	.1	.1	.1	.1	*	*	*	*
Foot, except toes (682.7)	.0	*	.0	*	.0	*	*	*	*
Other specified site (682.8)	*	*	*	*	*	*	*	*	*
Unspecified site (682.9)	.1	.1	.1	.1	.1	*	.1	*	*
Acute lymphadenitis (683)	*	*	*	*	*	*	*	*	*
Impetigo (684)	*	*	*	*	*	*	*	*	*
Pilonidal cyst (685)	*	*	*	*	*	*	*	*	*
With abscess (685.0)	*	*	*	*	*	*	*	*	*
Without mention of abscess (685.1)	*	*	*	*	*	*	*	*	*
Other local infections of skin and subcutaneous tissue (686)	.1	.0	.1	.0	.1	*	*	*	*
Pyoderma (686.0)	*	*	*	*	*	*	*	*	*
Pyogenic granuloma (686.1)	*	*	*	*	*	*	*	*	*
Other local infections of skin and subcutaneous tissue (686.8)	*	*	*	*	*	*	*	*	*
Unspecified local infections of skin and subcutaneous tissue (686.9)	.0	.0	.1	.0	.1	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other inflammatory conditions of skin and subcutaneous tissue (690-698)	360	118	242	84	164	34	78	28	75
Erythematosquamous dermatosis (690)	-	-	-	-	-	-	-	-	-
Atopic dermatitis and related conditions (691)	2	-	2	-	1	-	1	-	1
Diaper or napkin rash (691.0)	1	-	1	-	-	-	1	-	1
Other (691.8)	1	-	1	-	1	-	-	-	-
Contact dermatitis and other eczema (692)	10	3	7	2	6	1	1	1	1
Due to detergents (692.0)	-	-	-	-	-	-	-	-	-
Due to oils and greases (692.1)	-	-	-	-	-	-	-	-	-
Due to solvents (692.2)	-	-	-	-	-	-	-	-	-
Due to drugs and medicaments in contact with skin (692.3)	-	-	-	-	-	-	-	-	-
Due to other chemical products (692.4)	-	-	-	-	-	-	-	-	-
Due to food in contact with skin (692.5)	-	-	-	-	-	-	-	-	-
Due to plants (except food) (692.6)	-	-	-	-	-	-	-	-	-
Due to solar radiation (692.7)	-	-	-	-	-	-	-	-	-
Due to other specified agents (692.8)	-	-	-	-	-	-	-	-	-
Unspecified cause (692.9)	10	3	7	2	6	1	1	1	1
Dermatitis due to substances taken internally (693)	5	2	3	2	2	-	1	-	1
Due to drugs and medicaments (693.0)	2	1	1	1	1	-	-	-	-
Due to food (693.1)	3	1	2	1	1	-	1	-	1
Due to other specified substance (693.8)	-	-	-	-	-	-	-	-	-
Due to unspecified substance (693.9)	-	-	-	-	-	-	-	-	-
Bullous dermatoses (694)	112	32	80	25	65	7	15	5	14
Dermatitis herpetiformis (694.0)	-	-	-	-	-	-	-	-	-
Subcorneal pustular dermatosis (694.1)	-	-	-	-	-	-	-	-	-
Juvenile dermatitis herpetiformis (694.2)	-	-	-	-	-	-	-	-	-
Impetigo herpetiformis (694.3)	-	-	-	-	-	-	-	-	-
Pemphigus (694.4)	52	13	39	9	35	4	4	3	4
Pemphigoid (694.5)	57	17	40	14	29	3	11	2	10
Benign mucous membrane pemphigoid (694.6)	3	2	1	2	1	-	-	-	-
Other bullous dermatoses (694.8)	-	-	-	-	-	-	-	-	-
Unspecified (694.9)	-	-	-	-	-	-	-	-	-
Erythematous conditions (695)	214	72	142	46	83	26	59	22	57
Toxic erythema (695.0)	-	-	-	-	-	-	-	-	-
Erythema multiforme (695.1)	104	36	68	17	31	19	37	17	35
Erythema nodosum (695.2)	-	-	-	-	-	-	-	-	-
Rosacea (695.3)	-	-	-	-	-	-	-	-	-
Lupus erythematosus (695.4)	73	18	55	17	41	1	14	1	14
Other erythematous conditions (695.8)	26	11	15	6	8	5	7	4	7
Unspecified (695.9)	11	7	4	6	3	1	1	-	1
Psoriasis and similar disorders (696)	16	9	7	9	6	-	1	-	1
Psoriatic arthropathy (696.0)	4	2	2	2	2	-	-	-	-
Other psoriasis (696.1)	12	7	5	7	4	-	1	-	1
Parapsoriasis (696.2)	-	-	-	-	-	-	-	-	-
Pityriasis rosea (696.3)	-	-	-	-	-	-	-	-	-
Pityriasis rubra pilaris (696.4)	-	-	-	-	-	-	-	-	-
Other and unspecified pityriasis (696.5)	-	-	-	-	-	-	-	-	-
Other (696.8)	-	-	-	-	-	-	-	-	-
Lichen (697)	1	-	1	-	1	-	-	-	-
Lichen planus (697.0)	1	-	1	-	1	-	-	-	-
Lichen nitidus (697.1)	-	-	-	-	-	-	-	-	-
Other lichen, not elsewhere classified (697.8)	-	-	-	-	-	-	-	-	-
Unspecified (697.9)	-	-	-	-	-	-	-	-	-
Pruritus and related conditions (698)	-	-	-	-	-	-	-	-	-
Pruritis ani (698.0)	-	-	-	-	-	-	-	-	-
Pruritis of genital organs (698.1)	-	-	-	-	-	-	-	-	-
Prurigo (698.2)	-	-	-	-	-	-	-	-	-
Lichenification and lichen simplex chronicus (698.3)	-	-	-	-	-	-	-	-	-
Dermatitis factitia (artefacta) (698.4)	-	-	-	-	-	-	-	-	-
Other pruritic conditions (698.8)	-	-	-	-	-	-	-	-	-
Unspecified (698.9)	-	-	-	-	-	-	-	-	-
Other diseases of skin and subcutaneous tissue (700-709)	2,426	862	1,564	578	1,074	284	490	271	480
Corns and callosities (700)	-	-	-	-	-	-	-	-	-
Other hypertrophic and atrophic conditions of skin (701)	2	-	2	-	2	-	-	-	-
Circumscribed scleroderma (701.0)	1	-	1	-	1	-	-	-	-
Keratoderma, acquired (701.1)	-	-	-	-	-	-	-	-	-
Acquired acanthosis nigricans (701.2)	-	-	-	-	-	-	-	-	-
Striae atrophicae (701.3)	-	-	-	-	-	-	-	-	-
Keloid scar (701.4)	-	-	-	-	-	-	-	-	-
Other abnormal granulation tissue (701.5)	-	-	-	-	-	-	-	-	-
Other hypertrophic and atrophic conditions of skin (701.8)	1	-	1	-	1	-	-	-	-
Unspecified (701.9)	-	-	-	-	-	-	-	-	-
Other dermatoses (702)	-	-	-	-	-	-	-	-	-
Diseases of nail (703)	-	-	-	-	-	-	-	-	-
Ingrowing nail (703.0)	-	-	-	-	-	-	-	-	-
Other diseases of nail (703.8)	-	-	-	-	-	-	-	-	-
Unspecified (703.9)	-	-	-	-	-	-	-	-	-
Diseases of hair and hair follicles (704)	-	-	-	-	-	-	-	-	-
Alopecia (704.0)	-	-	-	-	-	-	-	-	-
Hirsutism (704.1)	-	-	-	-	-	-	-	-	-
Abnormalities of the hair (704.2)	-	-	-	-	-	-	-	-	-
Variations in hair color (704.3)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other inflammatory conditions of skin and subcutaneous tissue (690-698)	0.1	0.1	0.2	0.1	0.2	0.2	0.4	0.2	0.5
Erythematosquamous dermatosis (690)	*	*	*	*	*	*	*	*	*
Atopic dermatitis and related conditions (691)	*	*	*	*	*	*	*	*	*
Diaper or napkin rash (691.0)	*	*	*	*	*	*	*	*	*
Other (691.8)	*	*	*	*	*	*	*	*	*
Contact dermatitis and other eczema (692)	*	*	*	*	*	*	*	*	*
Due to detergents (692.0)	*	*	*	*	*	*	*	*	*
Due to oils and greases (692.1)	*	*	*	*	*	*	*	*	*
Due to solvents (692.2)	*	*	*	*	*	*	*	*	*
Due to drugs and medicaments in contact with skin (692.3)	*	*	*	*	*	*	*	*	*
Due to other chemical products (692.4)	*	*	*	*	*	*	*	*	*
Due to food in contact with skin (692.5)	*	*	*	*	*	*	*	*	*
Due to plants (except food) (692.6)	*	*	*	*	*	*	*	*	*
Due to solar radiation (692.7)	*	*	*	*	*	*	*	*	*
Due to other specified agents (692.8)	*	*	*	*	*	*	*	*	*
Unspecified cause (692.9)	*	*	*	*	*	*	*	*	*
Dermatitis due to substances taken internally (693)	*	*	*	*	*	*	*	*	*
Due to drugs and medicaments (693.0)	*	*	*	*	*	*	*	*	*
Due to food (693.1)	*	*	*	*	*	*	*	*	*
Due to other specified substance (693.8)	*	*	*	*	*	*	*	*	*
Due to unspecified substance (693.9)	*	*	*	*	*	*	*	*	*
Bullous dermatoses (694)	.0	.0	.1	.0	.1	*	*	*	*
Dermatitis herpetiformis (694.0)	*	*	*	*	*	*	*	*	*
Subcorneal pustular dermatosis (694.1)	*	*	*	*	*	*	*	*	*
Juvenile dermatitis herpetiformis (694.2)	*	*	*	*	*	*	*	*	*
Impetigo herpetiformis (694.3)	*	*	*	*	*	*	*	*	*
Pemphigus (694.4)	.0	*	.0	*	.0	*	*	*	*
Pemphigoid (694.5)	.0	*	.0	*	.0	*	*	*	*
Benign mucous membrane pemphigoid (694.6)	*	*	*	*	*	*	*	*	*
Other bullous dermatoses (694.8)	*	*	*	*	*	*	*	*	*
Unspecified (694.9)	*	*	*	*	*	*	*	*	*
Erythematous conditions (695)	.1	.1	.1	.0	.1	.1	.3	.2	.4
Toxic erythema (695.0)	*	*	*	*	*	*	*	*	*
Erythema multiforme (695.1)	.0	.0	.1	*	.0	*	.2	*	.2
Erythema nodosum (695.2)	*	*	*	*	*	*	*	*	*
Rosacea (695.3)	*	*	*	*	*	*	*	*	*
Lupus erythematosus (695.4)	.0	*	.0	*	.0	*	*	*	*
Other erythematous conditions (695.8)	.0	*	*	*	*	*	*	*	*
Unspecified (695.9)	*	*	*	*	*	*	*	*	*
Psoriasis and similar disorders (696)	*	*	*	*	*	*	*	*	*
Psoriatic arthropathy (696.0)	*	*	*	*	*	*	*	*	*
Other psoriasis (696.1)	*	*	*	*	*	*	*	*	*
Parapsoriasis (696.2)	*	*	*	*	*	*	*	*	*
Pityriasis rosea (696.3)	*	*	*	*	*	*	*	*	*
Pityriasis rubra pilaris (696.4)	*	*	*	*	*	*	*	*	*
Other and unspecified pityriasis (696.5)	*	*	*	*	*	*	*	*	*
Other (696.8)	*	*	*	*	*	*	*	*	*
Lichen (697)	*	*	*	*	*	*	*	*	*
Lichen planus (697.0)	*	*	*	*	*	*	*	*	*
Lichen nitidus (697.1)	*	*	*	*	*	*	*	*	*
Other lichen, not elsewhere classified (697.8)	*	*	*	*	*	*	*	*	*
Unspecified (697.9)	*	*	*	*	*	*	*	*	*
Pruritus and related conditions (698)	*	*	*	*	*	*	*	*	*
Pruritis ani (698.0)	*	*	*	*	*	*	*	*	*
Pruritis of genital organs (698.1)	*	*	*	*	*	*	*	*	*
Prurigo (698.2)	*	*	*	*	*	*	*	*	*
Lichenification and lichen simplex chronicus (698.3)	*	*	*	*	*	*	*	*	*
Dermatitis factitia (artefacta) (698.4)	*	*	*	*	*	*	*	*	*
Other pruritic conditions (698.8)	*	*	*	*	*	*	*	*	*
Unspecified (698.9)	*	*	*	*	*	*	*	*	*
Other diseases of skin and subcutaneous tissue (700-709)	1.0	.7	1.2	.6	1.0	1.5	2.3	1.9	3.0
Corns and callosities (700)	*	*	*	*	*	*	*	*	*
Other hypertrophic and atrophic conditions of skin (701)	*	*	*	*	*	*	*	*	*
Circumscribed scleroderma (701.0)	*	*	*	*	*	*	*	*	*
Keratoderma, acquired (701.1)	*	*	*	*	*	*	*	*	*
Acquired acanthosis nigricans (701.2)	*	*	*	*	*	*	*	*	*
Striae atrophicae (701.3)	*	*	*	*	*	*	*	*	*
Keloid scar (701.4)	*	*	*	*	*	*	*	*	*
Other abnormal granulation tissue (701.5)	*	*	*	*	*	*	*	*	*
Other hypertrophic and atrophic conditions of skin (701.8)	*	*	*	*	*	*	*	*	*
Unspecified (701.9)	*	*	*	*	*	*	*	*	*
Other dermatoses (702)	*	*	*	*	*	*	*	*	*
Diseases of nail (703)	*	*	*	*	*	*	*	*	*
Ingrowing nail (703.0)	*	*	*	*	*	*	*	*	*
Other diseases of nail (703.8)	*	*	*	*	*	*	*	*	*
Unspecified (703.9)	*	*	*	*	*	*	*	*	*
Diseases of hair and hair follicles (704)	*	*	*	*	*	*	*	*	*
Alopecia (704.0)	*	*	*	*	*	*	*	*	*
Hirsutism (704.1)	*	*	*	*	*	*	*	*	*
Abnormalities of the hair (704.2)	*	*	*	*	*	*	*	*	*
Variations in hair color (704.3)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Diseases of hair and hair follicles-Con.									
Other diseases of hair and hair follicles (704.8)	-	-	-	-	-	-	-	-	-
Unspecified (704.9)	-	-	-	-	-	-	-	-	-
Disorders of sweat glands (705)	2	1	1	1	-	-	1	-	1
Anhidrosis (705.0)	-	-	-	-	-	-	-	-	-
Prickly heat (705.1)	-	-	-	-	-	-	-	-	-
Other disorders of sweat glands (705.8)	2	1	1	1	-	-	1	-	1
Unspecified (705.9)	-	-	-	-	-	-	-	-	-
Diseases of sebaceous glands (706)	1	1	-	1	-	-	-	-	-
Acne varioliformis (706.0)	-	-	-	-	-	-	-	-	-
Other acne (706.1)	-	-	-	-	-	-	-	-	-
Sebaceous cyst (706.2)	1	1	-	1	-	-	-	-	-
Seborrhea (706.3)	-	-	-	-	-	-	-	-	-
Other disorders of sebaceous glands (706.8)	-	-	-	-	-	-	-	-	-
Unspecified (706.9)	-	-	-	-	-	-	-	-	-
Chronic ulcer of skin (707)	2,407	856	1,551	573	1,063	283	488	270	478
Decubitus ulcer (707.0)	2,215	776	1,439	509	972	267	467	254	458
Ulcer of lower limbs, except decubitus (707.1)	107	48	59	38	44	10	15	10	14
Chronic ulcer of other specified sites (707.8)	31	11	20	7	17	4	3	4	3
Chronic ulcer of unspecified site (707.9)	54	21	33	19	30	2	3	2	3
Urticaria (708)	-	-	-	-	-	-	-	-	-
Allergic urticaria (708.0)	-	-	-	-	-	-	-	-	-
Idiopathic urticaria (708.1)	-	-	-	-	-	-	-	-	-
Urticaria due to cold and heat (708.2)	-	-	-	-	-	-	-	-	-
Dermatographic urticaria (708.3)	-	-	-	-	-	-	-	-	-
Vibratory urticaria (708.4)	-	-	-	-	-	-	-	-	-
Cholinergic urticaria (708.5)	-	-	-	-	-	-	-	-	-
Other specified urticaria (708.8)	-	-	-	-	-	-	-	-	-
Unspecified (708.9)	-	-	-	-	-	-	-	-	-
Other disorders of skin and subcutaneous tissue (709)	14	4	10	3	9	1	1	1	1
Dyschromia (709.0)	1	-	1	-	1	-	-	-	-
Vascular disorders of skin (709.1)	1	-	1	-	1	-	-	-	-
Scar conditions and fibrosis of skin (709.2)	1	1	-	1	-	-	-	-	-
Degenerative skin disorders (709.3)	-	-	-	-	-	-	-	-	-
Foreign body granuloma of skin and subcutaneous tissue (709.4)	-	-	-	-	-	-	-	-	-
Other diseases of skin (709.8)	1	-	1	-	1	-	-	-	-
Unspecified (709.9)	10	3	7	2	6	1	1	1	1
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)									
Arthropathies and related disorders (710-719)	5,360	1,319	4,041	1,147	3,310	172	731	155	641
Diffuse diseases of connective tissue (710)	2,587	542	2,045	434	1,492	108	553	99	494
Systemic lupus erythematosus (710.0)	1,177	182	995	147	652	35	343	31	307
Systemic sclerosis (710.1)	932	226	706	181	578	45	128	43	109
Sicca syndrome (710.2)	50	8	42	6	41	2	1	1	1
Dermatomyositis (710.3)	77	29	48	26	39	3	9	3	8
Polymyositis (710.4)	209	69	140	54	101	15	39	13	38
Other (710.8)	9	3	6	1	5	2	1	2	1
Unspecified (710.9)	133	25	108	19	76	6	32	6	30
Arthropathy associated with infections (711)	135	59	76	44	82	15	14	13	13
Pyogenic arthritis (711.0)	126	56	70	42	58	14	12	12	11
Unspecified infective arthritis (711.9)	9	3	6	2	4	1	2	1	2
Crystal arthropathies (712)	-	-	-	-	-	-	-	-	-
Other crystal arthropathies (712.8)	-	-	-	-	-	-	-	-	-
Unspecified crystal arthropathy (712.9)	-	-	-	-	-	-	-	-	-
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1,822	485	1,337	461	1,233	24	104	21	81
Rheumatoid arthritis (714.0)	1,679	432	1,247	409	1,153	23	94	21	74
Felty's syndrome (714.1)	36	11	25	10	24	1	1	-	1
Other rheumatoid arthritis with visceral or systemic involvement (714.2)	4	3	1	3	1	-	-	-	-
Juvenile chronic polyarthritis (714.3)	4	1	3	1	3	-	-	-	-
Chronic postrheumatic arthropathy (714.4)	-	-	-	-	-	-	-	-	-
Other (714.8)	91	38	53	38	46	-	7	-	4
Unspecified (714.9)	8	-	8	-	6	-	2	-	2
Osteoarthrosis and allied disorders (715)	562	153	409	137	368	16	41	14	37
Generalized (715.0)	12	5	7	5	7	-	-	-	-
Localized, primary (715.1)	1	1	-	-	-	1	-	1	-
Localized, secondary (715.2)	-	-	-	-	-	-	-	-	-
Localized, not specified whether primary or secondary (715.3)	57	17	40	14	35	3	5	2	5
Involving or with mention of more than one site but not specified as generalized (715.8)	1	-	1	-	1	-	-	-	-
Unspecified whether generalized or localized (715.9)	491	130	361	118	325	12	36	11	32
Other and unspecified arthropathies (716)	218	65	153	59	136	6	17	5	15
Kaschin-Beck disease (716.0)	-	-	-	-	-	-	-	-	-
Traumatic arthropathy (716.1)	2	1	1	1	1	-	-	-	-
Allergic arthritis (716.2)	-	-	-	-	-	-	-	-	-
Climacteric arthritis (716.3)	1	1	-	1	-	-	-	-	-
Transient arthropathy (716.4)	-	-	-	-	-	-	-	-	-
Unspecified polyarthropathy or polyarthritis (716.5)	9	6	3	6	2	-	1	-	1
Unspecified monoarthritis (716.6)	-	-	-	-	-	-	-	-	-
Other specified arthropathy (716.8)	-	-	-	-	-	-	-	-	-
Unspecified (716.9)	206	57	149	51	133	6	16	5	14
Internal derangement of knee (717)	-	-	-	-	-	-	-	-	-
Old bucket handle tear of medical meniscus (717.0)	-	-	-	-	-	-	-	-	-
Derangement of anterior horn of medial meniscus (717.1)	-	-	-	-	-	-	-	-	-
Derangement of posterior horn of medial meniscus (717.2)	-	-	-	-	-	-	-	-	-
Other and unspecified derangement of medial meniscus (717.3)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Diseases of hair and hair follicles-Con.									
Other diseases of hair and hair follicles (704.8)	*	*	*	*	*	*	*	*	*
Unspecified (704.9)	*	*	*	*	*	*	*	*	*
Disorders of sweat glands (705)	*	*	*	*	*	*	*	*	*
Anhidrosis (705.0)	*	*	*	*	*	*	*	*	*
Prickly heat (705.1)	*	*	*	*	*	*	*	*	*
Other disorders of sweat glands (705.8)	*	*	*	*	*	*	*	*	*
Unspecified (705.9)	*	*	*	*	*	*	*	*	*
Diseases of sebaceous glands (706)	*	*	*	*	*	*	*	*	*
Acne varioliformis (706.0)	*	*	*	*	*	*	*	*	*
Other acne (706.1)	*	*	*	*	*	*	*	*	*
Sebaceous cyst (706.2)	*	*	*	*	*	*	*	*	*
Seborrhea (706.3)	*	*	*	*	*	*	*	*	*
Other disorders of sebaceous glands (706.8)	*	*	*	*	*	*	*	*	*
Unspecified (706.9)	*	*	*	*	*	*	*	*	*
Chronic ulcer of skin (707)	1.0	0.7	1.2	0.6	1.0	1.5	2.3	1.9	3.0
Decubitus ulcer (707.0)	.9	.6	1.1	.5	.9	1.4	2.2	1.8	2.9
Ulcer of lower limbs, except decubitus (707.1)	.0	.0	.0	.0	.0	*	*	*	*
Chronic ulcer of other specified sites (707.8)	.0	*	.0	*	*	*	*	*	*
Chronic ulcer of unspecified site (707.9)	.0	.0	.0	*	.0	*	*	*	*
Urticaria (708)	*	*	*	*	*	*	*	*	*
Allergic urticaria (708.0)	*	*	*	*	*	*	*	*	*
Idiopathic urticaria (708.1)	*	*	*	*	*	*	*	*	*
Urticaria due to cold and heat (708.2)	*	*	*	*	*	*	*	*	*
Dermatographic urticaria (708.3)	*	*	*	*	*	*	*	*	*
Vibratory urticaria (708.4)	*	*	*	*	*	*	*	*	*
Cholinergic urticaria (708.5)	*	*	*	*	*	*	*	*	*
Other specified urticaria (708.8)	*	*	*	*	*	*	*	*	*
Unspecified (708.9)	*	*	*	*	*	*	*	*	*
Other disorders of skin and subcutaneous tissue (709)	*	*	*	*	*	*	*	*	*
Dyschromia (709.0)	*	*	*	*	*	*	*	*	*
Vascular disorders of skin (709.1)	*	*	*	*	*	*	*	*	*
Scar conditions and fibrosis of skin (709.2)	*	*	*	*	*	*	*	*	*
Degenerative skin disorders (709.3)	*	*	*	*	*	*	*	*	*
Foreign body granuloma of skin and subcutaneous tissue (709.4)	*	*	*	*	*	*	*	*	*
Other diseases of skin (709.8)	*	*	*	*	*	*	*	*	*
Unspecified (709.9)	*	*	*	*	*	*	*	*	*
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)									
Arthropathies and related disorders (710-719)	2.2	1.1	3.2	1.1	3.1	.9	3.5	1.1	4.0
Diffuse diseases of connective tissue (710)	1.0	.4	1.6	.4	1.4	.6	2.6	.7	3.1
Systemic lupus erythematosus (710.0)	.5	.2	.8	.1	.6	.2	1.6	.2	1.9
Systemic sclerosis (710.1)	.4	.2	.6	.2	.5	.2	.6	.3	.7
Sicca syndrome (710.2)	.0	*	.0	*	.0	*	*	*	*
Dermatomyositis (710.3)	.0	.0	.0	.0	.0	*	*	*	*
Polymyositis (710.4)	.1	.1	.1	.1	.1	*	.2	*	.2
Other (710.8)	*	*	*	*	*	*	*	*	*
Unspecified (710.9)	.1	.0	.1	*	.1	*	.2	*	.2
Arthropathy associated with infections (711)	.1	.0	.1	.0	.1	*	*	*	*
Pyogenic arthritis (711.0)	.1	.0	.1	.0	.1	*	*	*	*
Unspecified infective arthritis (711.9)	*	*	*	*	*	*	*	*	*
Crystal arthropathies (712)	*	*	*	*	*	*	*	*	*
Other crystal arthropathies (712.8)	*	*	*	*	*	*	*	*	*
Unspecified crystal arthropathy (712.9)	*	*	*	*	*	*	*	*	*
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	.7	.4	1.0	.5	1.2	.1	.5	.1	.5
Rheumatoid arthritis (714.0)	.7	.4	1.0	.4	1.1	.1	.4	.1	.5
Felty's syndrome (714.1)	.0	*	.0	*	.0	*	*	*	*
Other rheumatoid arthritis with visceral or systemic involvement (714.2)	*	*	*	*	*	*	*	*	*
Juvenile chronic polyarthritis (714.3)	*	*	*	*	*	*	*	*	*
Chronic postrheumatic arthropathy (714.4)	*	*	*	*	*	*	*	*	*
Other (714.8)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified (714.9)	*	*	*	*	*	*	*	*	*
Osteoarthrosis and allied disorders (715)	.2	.1	.3	.1	.3	*	.2	*	.2
Generalized (715.0)	*	*	*	*	*	*	*	*	*
Localized, primary (715.1)	*	*	*	*	*	*	*	*	*
Localized, secondary (715.2)	*	*	*	*	*	*	*	*	*
Localized, not specified whether primary or secondary (715.3)	.0	*	.0	*	.0	*	*	*	*
Involving or with mention of more than one site but not specified as generalized (715.8)	*	*	*	*	*	*	*	*	*
Unspecified whether generalized or localized (715.9)	.2	.1	.3	.1	.3	*	.2	*	.2
Other and unspecified arthropathies (716)	.1	.1	.1	.1	.1	*	*	*	*
Kaschin-Beck disease (716.0)	*	*	*	*	*	*	*	*	*
Traumatic arthropathy (716.1)	*	*	*	*	*	*	*	*	*
Allergic arthritis (716.2)	*	*	*	*	*	*	*	*	*
Climacteric arthritis (716.3)	*	*	*	*	*	*	*	*	*
Transient arthropathy (716.4)	*	*	*	*	*	*	*	*	*
Unspecified polyarthropathy or polyarthritis (716.5)	*	*	*	*	*	*	*	*	*
Unspecified monoarthritis (716.6)	*	*	*	*	*	*	*	*	*
Other specified arthropathy (716.8)	*	*	*	*	*	*	*	*	*
Unspecified (716.9)	.1	.0	.1	.0	.1	*	*	*	*
Internal derangement of knee (717)	*	*	*	*	*	*	*	*	*
Old bucket handle tear of medical meniscus (717.0)	*	*	*	*	*	*	*	*	*
Derangement of anterior horn of medial meniscus (717.1)	*	*	*	*	*	*	*	*	*
Derangement of posterior horn of medial meniscus (717.2)	*	*	*	*	*	*	*	*	*
Other and unspecified derangement of medial meniscus (717.3)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Internal derangement of knee-Con.									
Derangement of lateral meniscus (717.4)	-	-	-	-	-	-	-	-	-
Derangement of meniscus, not elsewhere classified (717.5)	-	-	-	-	-	-	-	-	-
Loose body in knee (717.6)	-	-	-	-	-	-	-	-	-
Chondromalacia patellae (717.7)	-	-	-	-	-	-	-	-	-
Other (717.8)	-	-	-	-	-	-	-	-	-
Unspecified (717.9)	-	-	-	-	-	-	-	-	-
Other derangement of joint (718)	17	9	8	7	7	2	1	2	1
Articular cartilage disorder (718.0)	-	-	-	-	-	-	-	-	-
Loose body in joint (718.1)	-	-	-	-	-	-	-	-	-
Pathological dislocation (718.2)	-	-	-	-	-	-	-	-	-
Recurrent dislocation of joint (718.3)	-	-	-	-	-	-	-	-	-
Contracture of joint (718.4)	12	7	5	6	4	1	1	1	1
Ankylosis of joint (718.5)	1	-	1	-	1	-	-	-	-
Unspecified protrusio acetabuli (718.6)	-	-	-	-	-	-	-	-	-
Other joint derangement, not elsewhere classified (718.8)	1	-	1	-	1	-	-	-	-
Unspecified (718.9)	3	2	1	1	1	1	-	1	-
Other and unspecified disorder of joint (719)	19	6	13	5	12	1	1	1	-
Effusion of joint (719.0)	-	-	-	-	-	-	-	-	-
Hemarthrosis (719.1)	-	-	-	-	-	-	-	-	-
Villonodular synovitis (719.2)	-	-	-	-	-	-	-	-	-
Palindromic rheumatism (719.3)	-	-	-	-	-	-	-	-	-
Pain in joint (719.4)	1	-	1	-	1	-	-	-	-
Stiffness of joint, not elsewhere classified (719.5)	-	-	-	-	-	-	-	-	-
Other symptoms referable to joint (719.6)	-	-	-	-	-	-	-	-	-
Difficulty in walking (719.7)	-	-	-	-	-	-	-	-	-
Other (719.8)	-	-	-	-	-	-	-	-	-
Unspecified (719.9)	18	6	12	5	11	1	1	1	-
Dorsopathies (720-724)	199	112	87	99	75	13	12	12	11
Ankylosing spondylitis and other inflammatory spondylopathies (720)	42	31	11	29	10	2	1	1	1
Ankylosing spondylitis (720.0)	39	29	10	27	9	2	1	1	1
Spinal enthesopathy (720.1)	-	-	-	-	-	-	-	-	-
Sacroiliitis, not elsewhere classified (720.2)	-	-	-	-	-	-	-	-	-
Other inflammatory spondylopathies (720.8)	-	-	-	-	-	-	-	-	-
Unspecified inflammatory spondylopathy (720.9)	3	2	1	2	1	-	-	-	-
Spondylosis and allied disorders (721)	81	46	35	39	28	7	7	7	6
Cervical spondylosis without myelopathy (721.0)	17	10	7	9	3	1	4	1	4
Cervical spondylosis with myelopathy (721.1)	44	26	18	22	15	4	3	4	2
Thoracic spondylosis without myelopathy (721.2)	-	-	-	-	-	-	-	-	-
Lumbosacral spondylosis without myelopathy (721.3)	6	2	4	1	4	1	-	1	-
Thoracic or lumbar spondylosis with myelopathy (721.4)	1	1	-	1	-	-	-	-	-
Kissing spine (721.5)	-	-	-	-	-	-	-	-	-
Ankylosing vertebral hyperostosis (721.6)	-	-	-	-	-	-	-	-	-
Traumatic spondylopathy (721.7)	-	-	-	-	-	-	-	-	-
Other (721.8)	-	-	-	-	-	-	-	-	-
Spondylosis of unspecified site (721.9)	13	7	6	6	6	1	-	1	-
Intervertebral disc disorders (722)	34	15	19	14	18	1	1	1	1
Displacement of cervical intervertebral disc without myelopathy (722.0)	2	1	1	1	1	-	-	-	-
Displacement of thoracic or lumbar intervertebral disc without myelopathy (722.1)	2	1	1	1	1	-	-	-	-
Displacement of intervertebral disc, site unspecified, without myelopathy (722.2)	8	4	4	4	4	-	-	-	-
Schmorl's nodes (722.3)	-	-	-	-	-	-	-	-	-
Degeneration of cervical intervertebral disc (722.4)	2	-	2	-	2	-	-	-	-
Degeneration of thoracic or lumbar intervertebral disc (722.5)	7	4	3	3	3	1	-	1	-
Degeneration of intervertebral disc, site unspecified (722.6)	4	1	3	1	3	-	-	-	-
Intervertebral disc disorder with myelopathy (722.7)	3	1	2	1	1	-	1	-	1
Postlaminectomy syndrome (722.8)	-	-	-	-	-	-	-	-	-
Other and unspecified disc disorder (722.9)	6	3	3	3	3	-	-	-	-
Other disorders of cervical region (723)	11	6	5	3	5	3	-	3	-
Spinal stenosis in cervical region (723.0)	6	3	3	2	3	1	-	1	-
Cervicalgia (723.1)	1	1	-	1	-	-	-	-	-
Cervicocranial syndrome (723.2)	-	-	-	-	-	-	-	-	-
Cervicobrachial syndrome (diffuse) (723.3)	-	-	-	-	-	-	-	-	-
Brachial neuritis or radiculitis, not otherwise specified (723.4)	1	-	1	-	1	-	-	-	-
Torticollis, unspecified (723.5)	1	-	1	-	1	-	-	-	-
Panniculitis specified as affecting neck (723.6)	-	-	-	-	-	-	-	-	-
Ossification of posterior longitudinal ligament in cervical region (723.7)	-	-	-	-	-	-	-	-	-
Other syndromes affecting cervical region (723.8)	2	2	-	-	-	2	-	2	-
Unspecified disorders and symptoms referable to neck (723.9)	-	-	-	-	-	-	-	-	-
Other and unspecified disorders of back (724)	31	14	17	14	14	-	3	-	3
Spinal stenosis, other than cervical (724.0)	18	9	9	9	8	-	1	-	1
Pain in thoracic spine (724.1)	-	-	-	-	-	-	-	-	-
Lumbago (724.2)	1	-	1	-	1	-	-	-	-
Sciatica (724.3)	-	-	-	-	-	-	-	-	-
Thoracic or lumbosacral neuritis or radiculitis, not otherwise specified (724.4)	1	-	1	-	1	-	-	-	-
Backache, unspecified (724.5)	8	5	3	5	3	-	-	-	-
Disorders of sacrum (724.6)	-	-	-	-	-	-	-	-	-
Disorders of coccyx (724.7)	-	-	-	-	-	-	-	-	-
Other symptoms referable to back (724.8)	-	-	-	-	-	-	-	-	-
Unspecified back disorders (724.9)	3	-	3	-	1	-	2	-	2
Rheumatism, excluding the back (725-729)	538	269	269	190	211	79	58	70	54
Polymyalgia rheumatica (725)	41	10	31	10	30	-	1	-	1
Peripheral enthesopathies and allied syndromes (726)	7	5	2	3	2	2	-	1	-
Adhesive capsulitis of shoulder (726.0)	-	-	-	-	-	-	-	-	-
Rotator cuff syndrome of shoulder and allied disorders (726.1)	-	-	-	-	-	-	-	-	-
Other affections of shoulder region, not elsewhere classified (726.2)	-	-	-	-	-	-	-	-	-
Enthesopathy of elbow region (726.3)	6	4	2	3	2	1	-	1	-
Enthesopathy of wrist and carpus (726.4)	-	-	-	-	-	-	-	-	-
Enthesopathy of hip region (726.5)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Internal derangement of knee-Con.									
Derangement of lateral meniscus (717.4)	*	*	*	*	*	*	*	*	*
Derangement of meniscus, not elsewhere classified (717.5)	*	*	*	*	*	*	*	*	*
Loose body in knee (717.6)	*	*	*	*	*	*	*	*	*
Chondromalacia patellae (717.7)	*	*	*	*	*	*	*	*	*
Other (717.8)	*	*	*	*	*	*	*	*	*
Unspecified (717.9)	*	*	*	*	*	*	*	*	*
Other derangement of joint (718)	*	*	*	*	*	*	*	*	*
Articular cartilage disorder (718.0)	*	*	*	*	*	*	*	*	*
Loose body in joint (718.1)	*	*	*	*	*	*	*	*	*
Pathological dislocation (718.2)	*	*	*	*	*	*	*	*	*
Recurrent dislocation of joint (718.3)	*	*	*	*	*	*	*	*	*
Contracture of joint (718.4)	*	*	*	*	*	*	*	*	*
Ankylosis of joint (718.5)	*	*	*	*	*	*	*	*	*
Unspecified protrusio acetabuli (718.6)	*	*	*	*	*	*	*	*	*
Other joint derangement, not elsewhere classified (718.8)	*	*	*	*	*	*	*	*	*
Unspecified (718.9)	*	*	*	*	*	*	*	*	*
Other and unspecified disorder of joint (719)	*	*	*	*	*	*	*	*	*
Effusion of joint (719.0)	*	*	*	*	*	*	*	*	*
Hemarthrosis (719.1)	*	*	*	*	*	*	*	*	*
Villonodular synovitis (719.2)	*	*	*	*	*	*	*	*	*
Palindromic rheumatism (719.3)	*	*	*	*	*	*	*	*	*
Pain in joint (719.4)	*	*	*	*	*	*	*	*	*
Stiffness of joint, not elsewhere classified (719.5)	*	*	*	*	*	*	*	*	*
Other symptoms referable to joint (719.6)	*	*	*	*	*	*	*	*	*
Difficulty in walking (719.7)	*	*	*	*	*	*	*	*	*
Other (719.8)	*	*	*	*	*	*	*	*	*
Unspecified (719.9)	*	*	*	*	*	*	*	*	*
Dorsopathies (720-724)	0.1	0.1	0.1	0.1	0.1	*	*	*	*
Ankylosing spondylitis and other inflammatory spondylopathies (720)	.0	.0	*	.0	*	*	*	*	*
Ankylosing spondylitis (720.0)	.0	.0	*	.0	*	*	*	*	*
Spinal enthesopathy (720.1)	*	*	*	*	*	*	*	*	*
Sacroiliitis, not elsewhere classified (720.2)	*	*	*	*	*	*	*	*	*
Other inflammatory spondylopathies (720.8)	*	*	*	*	*	*	*	*	*
Unspecified inflammatory spondylopathy (720.9)	*	*	*	*	*	*	*	*	*
Spondylosis and allied disorders (721)	.0	.0	.0	.0	.0	*	*	*	*
Cervical spondylosis without myelopathy (721.0)	*	*	*	*	*	*	*	*	*
Cervical spondylosis with myelopathy (721.1)	.0	.0	*	.0	*	*	*	*	*
Thoracic spondylosis without myelopathy (721.2)	*	*	*	*	*	*	*	*	*
Lumbosacral spondylosis without myelopathy (721.3)	*	*	*	*	*	*	*	*	*
Thoracic or lumbar spondylosis with myelopathy (721.4)	*	*	*	*	*	*	*	*	*
Kissing spine (721.5)	*	*	*	*	*	*	*	*	*
Ankylosing vertebral hyperostosis (721.6)	*	*	*	*	*	*	*	*	*
Traumatic spondylopathy (721.7)	*	*	*	*	*	*	*	*	*
Other (721.8)	*	*	*	*	*	*	*	*	*
Spondylosis of unspecified site (721.9)	*	*	*	*	*	*	*	*	*
Intervertebral disc disorders (722)	.0	*	*	*	*	*	*	*	*
Displacement of cervical intervertebral disc without myelopathy (722.0)	*	*	*	*	*	*	*	*	*
Displacement of thoracic or lumbar intervertebral disc without myelopathy (722.1)	*	*	*	*	*	*	*	*	*
Displacement of intervertebral disc, site unspecified, without myelopathy (722.2)	*	*	*	*	*	*	*	*	*
Schmorl's nodes (722.3)	*	*	*	*	*	*	*	*	*
Degeneration of cervical intervertebral disc (722.4)	*	*	*	*	*	*	*	*	*
Degeneration of thoracic or lumbar intervertebral disc (722.5)	*	*	*	*	*	*	*	*	*
Degeneration of intervertebral disc, site unspecified (722.6)	*	*	*	*	*	*	*	*	*
Intervertebral disc disorder with myelopathy (722.7)	*	*	*	*	*	*	*	*	*
Postlaminectomy syndrome (722.8)	*	*	*	*	*	*	*	*	*
Other and unspecified disc disorder (722.9)	*	*	*	*	*	*	*	*	*
Other disorders of cervical region (723)	*	*	*	*	*	*	*	*	*
Spinal stenosis in cervical region (723.0)	*	*	*	*	*	*	*	*	*
Cervicalgia (723.1)	*	*	*	*	*	*	*	*	*
Cervicocranial syndrome (723.2)	*	*	*	*	*	*	*	*	*
Cervicobrachial syndrome (diffuse) (723.3)	*	*	*	*	*	*	*	*	*
Brachial neuritis or radiculitis, not otherwise specified (723.4)	*	*	*	*	*	*	*	*	*
Torticollis, unspecified (723.5)	*	*	*	*	*	*	*	*	*
Panniculitis specified as affecting neck (723.6)	*	*	*	*	*	*	*	*	*
Ossification of posterior longitudinal ligament in cervical region (723.7)	*	*	*	*	*	*	*	*	*
Other syndromes affecting cervical region (723.8)	*	*	*	*	*	*	*	*	*
Unspecified disorders and symptoms referable to neck (723.9)	*	*	*	*	*	*	*	*	*
Other and unspecified disorders of back (724)	.0	*	*	*	*	*	*	*	*
Spinal stenosis, other than cervical (724.0)	*	*	*	*	*	*	*	*	*
Pain in thoracic spine (724.1)	*	*	*	*	*	*	*	*	*
Lumbago (724.2)	*	*	*	*	*	*	*	*	*
Sciatica (724.3)	*	*	*	*	*	*	*	*	*
Thoracic or lumbosacral neuritis or radiculitis, not otherwise specified (724.4)	*	*	*	*	*	*	*	*	*
Backache, unspecified (724.5)	*	*	*	*	*	*	*	*	*
Disorders of sacrum (724.6)	*	*	*	*	*	*	*	*	*
Disorders of coccyx (724.7)	*	*	*	*	*	*	*	*	*
Other symptoms referable to back (724.8)	*	*	*	*	*	*	*	*	*
Unspecified back disorders (724.9)	*	*	*	*	*	*	*	*	*
Rheumatism, excluding the back (725-729)	.2	.2	.2	.2	.2	0.4	0.3	0.5	0.3
Polymyalgia rheumatica (725)	.0	*	.0	*	.0	*	*	*	*
Peripheral enthesopathies and allied syndromes (726)	*	*	*	*	*	*	*	*	*
Adhesive capsulitis of shoulder (726.0)	*	*	*	*	*	*	*	*	*
Rotator cuff syndrome of shoulder and allied disorders (726.1)	*	*	*	*	*	*	*	*	*
Other affections of shoulder region, not elsewhere classified (726.2)	*	*	*	*	*	*	*	*	*
Enthesopathy of elbow region (726.3)	*	*	*	*	*	*	*	*	*
Enthesopathy of wrist and carpus (726.4)	*	*	*	*	*	*	*	*	*
Enthesopathy of hip region (726.5)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Peripheral enthesopathies and allied syndromes-Con.									
Enthesopathy of knee (726.6)	-	-	-	-	-	-	-	-	-
Enthesopathy of ankle and tarsus (726.7)	-	-	-	-	-	-	-	-	-
Other peripheral enthesopathies (726.8)	-	-	-	-	-	-	-	-	-
Unspecified enthesopathy (726.9)	1	1	-	-	-	1	-	-	-
Other disorders of synovium, tendon, and bursa (727)	4	2	2	1	1	1	1	1	1
Synovitis and tenosynovitis (727.0)	1	-	1	-	1	-	-	-	-
Bunion (727.1)	-	-	-	-	-	-	-	-	-
Specific bursitides often of occupational origin (727.2)	-	-	-	-	-	-	-	-	-
Other bursitis (727.3)	1	1	-	1	-	-	-	-	-
Ganglion and cyst of synovium, tendon, and bursa (727.4)	2	1	1	-	-	1	1	1	1
Rupture of synovium (727.5)	-	-	-	-	-	-	-	-	-
Rupture of tendon, nontraumatic (727.6)	-	-	-	-	-	-	-	-	-
Other (727.8)	-	-	-	-	-	-	-	-	-
Unspecified (727.9)	-	-	-	-	-	-	-	-	-
Disorders of muscle, ligament, and fascia (728)	254	158	96	113	83	45	13	38	12
Infective myositis (728.0)	2	1	1	1	1	-	-	-	-
Muscular calcification and ossification (728.1)	3	2	1	2	-	-	1	-	1
Muscular wasting and disuse atrophy, not elsewhere classified (728.2)	15	9	6	6	5	3	1	1	1
Other specific muscle disorders (728.3)	17	9	8	9	8	-	-	-	-
Laxity of ligament (728.4)	-	-	-	-	-	-	-	-	-
Hypermobility syndrome (728.5)	-	-	-	-	-	-	-	-	-
Contracture of palmar fascia (728.6)	-	-	-	-	-	-	-	-	-
Other fibromatoses (728.7)	2	2	-	2	-	-	-	-	-
Other disorders of muscle, ligament, and fascia (728.8)	184	126	58	85	49	41	9	36	9
Unspecified (728.9)	31	9	22	8	20	1	2	1	1
Other disorders of soft tissues (729)	232	94	138	63	95	31	43	30	40
Rheumatism, unspecified, and fibrositis (729.0)	-	-	-	-	-	-	-	-	-
Myalgia and myositis, unspecified (729.1)	33	12	21	10	15	2	6	2	6
Neuralgia, neuritis, and radiculitis, unspecified (729.2)	2	1	1	1	1	-	-	-	-
Panniculitis, unspecified (729.3)	13	3	10	2	7	1	3	1	2
Fasciitis, unspecified (729.4)	168	72	96	45	64	27	32	26	30
Pain in limb (729.5)	4	-	4	-	4	-	-	-	-
Residual foreign body in soft tissue (729.6)	-	-	-	-	-	-	-	-	-
Other symptoms referable to limbs (729.8)	11	6	5	5	3	1	2	1	2
Other and unspecified disorders of soft tissue (729.9)	1	-	1	-	1	-	-	-	-
Osteophathies, chondropathies, and acquired musculoskeletal deformities (730-739)	1,582	478	1,104	401	987	77	117	71	103
Osteomyelitis, periostitis, and other infections involving bone (730)	526	236	290	185	219	51	71	48	68
Acute osteomyelitis (730.0)	12	3	9	3	8	-	1	-	1
Chronic osteomyelitis (730.1)	45	26	19	20	18	6	1	6	1
Unspecified osteomyelitis (730.2)	465	205	260	160	191	45	69	42	66
Periostitis without mention of osteomyelitis (730.3)	1	-	1	-	1	-	-	-	-
Unspecified infection of bone (730.9)	3	2	1	2	1	-	-	-	-
Osteitis deformans and osteopathies associated with other disorders classified elsewhere (731)	63	27	36	24	35	3	1	3	1
Osteitis deformans without mention of bone tumor (731.0)	63	27	36	24	35	3	1	3	1
Hypertrophic pulmonary osteoarthropathy (731.2)	-	-	-	-	-	-	-	-	-
Osteochondropathies (732)	9	4	5	4	5	-	-	-	-
Juvenile osteochondrosis of spine (732.0)	-	-	-	-	-	-	-	-	-
Juvenile osteochondrosis of hip and pelvis (732.1)	7	4	3	4	3	-	-	-	-
Nontraumatic slipped upper femoral epiphysis (732.2)	-	-	-	-	-	-	-	-	-
Juvenile osteochondrosis of upper extremity (732.3)	-	-	-	-	-	-	-	-	-
Juvenile osteochondrosis of lower extremity, excluding foot (732.4)	-	-	-	-	-	-	-	-	-
Juvenile osteochondrosis of foot (732.5)	1	-	1	-	1	-	-	-	-
Other juvenile osteochondrosis (732.6)	-	-	-	-	-	-	-	-	-
Osteochondritis dissecans (732.7)	-	-	-	-	-	-	-	-	-
Other specified forms of osteochondropathy (732.8)	-	-	-	-	-	-	-	-	-
Unspecified osteochondropathy (732.9)	1	-	1	-	1	-	-	-	-
Other disorders of bone and cartilage (733)	692	129	563	119	534	10	29	8	21
Osteoporosis (733.0)	523	70	453	66	436	4	17	2	9
Pathological fracture (733.1)	89	26	63	26	58	-	5	-	5
Cyst of bone (733.2)	-	-	-	-	-	-	-	-	-
Hyperostosis of skull (733.3)	1	-	1	-	1	-	-	-	-
Aseptic necrosis of bone (733.4)	4	-	4	-	3	-	1	-	1
Osteitis condensans (733.5)	-	-	-	-	-	-	-	-	-
Tietze's disease (733.6)	-	-	-	-	-	-	-	-	-
Algoneurodystrophy (733.7)	-	-	-	-	-	-	-	-	-
Malunion and nonunion of fracture (733.8)	5	-	5	-	4	-	1	-	1
Other and unspecified (733.9)	70	33	37	27	32	6	5	6	5
Flat foot (734)	-	-	-	-	-	-	-	-	-
Acquired deformities of toe (735)	-	-	-	-	-	-	-	-	-
Hallux valgus, acquired (735.0)	-	-	-	-	-	-	-	-	-
Hallux varus, acquired (735.1)	-	-	-	-	-	-	-	-	-
Hallux rigidus (735.2)	-	-	-	-	-	-	-	-	-
Hallux malleus (735.3)	-	-	-	-	-	-	-	-	-
Other hammer toe, acquired (735.4)	-	-	-	-	-	-	-	-	-
Clawtoe, acquired (735.5)	-	-	-	-	-	-	-	-	-
Other (735.8)	-	-	-	-	-	-	-	-	-
Unspecified (735.9)	-	-	-	-	-	-	-	-	-
Other acquired deformities of limbs (736)	4	2	2	1	2	1	-	1	-
Acquired deformities of forearm, excluding fingers (736.0)	-	-	-	-	-	-	-	-	-
Mallet finger (736.1)	-	-	-	-	-	-	-	-	-
Other acquired deformities of finger (736.2)	-	-	-	-	-	-	-	-	-
Acquired deformities of hip (736.3)	-	-	-	-	-	-	-	-	-
Genu valgum or varum, acquired (736.4)	-	-	-	-	-	-	-	-	-
Genu recurvatum, acquired (736.5)	-	-	-	-	-	-	-	-	-
Other acquired deformities of knee (736.6)	-	-	-	-	-	-	-	-	-
Other acquired deformities of ankle and foot (736.7)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Peripheral enthesopathies and allied syndromes-Con.									
Enthesopathy of knee (726.6)	*	*	*	*	*	*	*	*	*
Enthesopathy of ankle and tarsus (726.7)	*	*	*	*	*	*	*	*	*
Other peripheral enthesopathies (726.8)	*	*	*	*	*	*	*	*	*
Unspecified enthesopathy (726.9)	*	*	*	*	*	*	*	*	*
Other disorders of synovium, tendon, and bursa (727)	*	*	*	*	*	*	*	*	*
Synovitis and tenosynovitis (727.0)	*	*	*	*	*	*	*	*	*
Bunion (727.1)	*	*	*	*	*	*	*	*	*
Specific bursitides often of occupational origin (727.2)	*	*	*	*	*	*	*	*	*
Other bursitis (727.3)	*	*	*	*	*	*	*	*	*
Ganglion and cyst of synovium, tendon, and bursa (727.4)	*	*	*	*	*	*	*	*	*
Rupture of synovium (727.5)	*	*	*	*	*	*	*	*	*
Rupture of tendon, nontraumatic (727.6)	*	*	*	*	*	*	*	*	*
Other (727.8)	*	*	*	*	*	*	*	*	*
Unspecified (727.9)	*	*	*	*	*	*	*	*	*
Disorders of muscle, ligament, and fascia (728)	0.1	0.1	0.1	0.1	0.1	0.2	*	0.3	*
Infective myositis (728.0)	*	*	*	*	*	*	*	*	*
Muscular calcification and ossification (728.1)	*	*	*	*	*	*	*	*	*
Muscular wasting and disuse atrophy, not elsewhere classified (728.2)	*	*	*	*	*	*	*	*	*
Other specific muscle disorders (728.3)	*	*	*	*	*	*	*	*	*
Laxity of ligament (728.4)	*	*	*	*	*	*	*	*	*
Hypermobility syndrome (728.5)	*	*	*	*	*	*	*	*	*
Contracture of palmar fascia (728.6)	*	*	*	*	*	*	*	*	*
Other fibromatoses (728.7)	*	*	*	*	*	*	*	*	*
Other disorders of muscle, ligament, and fascia (728.8)	.1	.1	.0	.1	.0	.2	*	.2	*
Unspecified (728.9)	.0	*	.0	*	.0	*	*	*	*
Other disorders of soft tissues (729)	.1	.1	.1	.1	.1	.2	0.2	.2	0.2
Rheumatism, unspecified, and fibrositis (729.0)	*	*	*	*	*	*	*	*	*
Myalgia and myositis, unspecified (729.1)	.0	*	.0	*	*	*	*	*	*
Neuralgia, neuritis, and radiculitis, unspecified (729.2)	*	*	*	*	*	*	*	*	*
Panniculitis, unspecified (729.3)	*	*	*	*	*	*	*	*	*
Fasciitis, unspecified (729.4)	.1	.1	.1	.0	.1	.1	.2	.2	.2
Pain in limb (729.5)	*	*	*	*	*	*	*	*	*
Residual foreign body in soft tissue (729.6)	*	*	*	*	*	*	*	*	*
Other symptoms referable to limbs (729.8)	*	*	*	*	*	*	*	*	*
Other and unspecified disorders of soft tissue (729.9)	*	*	*	*	*	*	*	*	*
Osteophathies, chondropathies, and acquired musculoskeletal deformities (730-739)	.6	.4	.9	.4	.9	.4	.6	.5	.6
Osteomyelitis, periostitis, and other infections involving bone (730)	.2	.2	.2	.2	.2	.3	.3	.3	.4
Acute osteomyelitis (730.0)	*	*	*	*	*	*	*	*	*
Chronic osteomyelitis (730.1)	.0	.0	*	.0	*	*	*	*	*
Unspecified osteomyelitis (730.2)	.2	.2	.2	.2	.2	.2	.3	.3	.4
Periostitis without mention of osteomyelitis (730.3)	*	*	*	*	*	*	*	*	*
Unspecified infection of bone (730.9)	*	*	*	*	*	*	*	*	*
Osteitis deformans and osteopathies associated with other disorders classified elsewhere (731)	.0	.0	.0	.0	.0	*	*	*	*
Osteitis deformans without mention of bone tumor (731.0)	.0	.0	.0	.0	.0	*	*	*	*
Hypertrophic pulmonary osteoarthropathy (731.2)	*	*	*	*	*	*	*	*	*
Osteochondropathies (732)	*	*	*	*	*	*	*	*	*
Juvenile osteochondrosis of spine (732.0)	*	*	*	*	*	*	*	*	*
Juvenile osteochondrosis of hip and pelvis (732.1)	*	*	*	*	*	*	*	*	*
Nontraumatic slipped upper femoral epiphysis (732.2)	*	*	*	*	*	*	*	*	*
Juvenile osteochondrosis of upper extremity (732.3)	*	*	*	*	*	*	*	*	*
Juvenile osteochondrosis of lower extremity, excluding foot (732.4)	*	*	*	*	*	*	*	*	*
Juvenile osteochondrosis of foot (732.5)	*	*	*	*	*	*	*	*	*
Other juvenile osteochondrosis (732.6)	*	*	*	*	*	*	*	*	*
Osteochondritis dissecans (732.7)	*	*	*	*	*	*	*	*	*
Other specified forms of osteochondropathy (732.8)	*	*	*	*	*	*	*	*	*
Unspecified osteochondropathy (732.9)	*	*	*	*	*	*	*	*	*
Other disorders of bone and cartilage (733)	.3	.1	.4	.1	.5	*	.1	*	.1
Osteoporosis (733.0)	.2	.1	.4	.1	.4	*	*	*	*
Pathological fracture (733.1)	.0	.0	.0	.0	.1	*	*	*	*
Cyst of bone (733.2)	*	*	*	*	*	*	*	*	*
Hyperostosis of skull (733.3)	*	*	*	*	*	*	*	*	*
Aseptic necrosis of bone (733.4)	*	*	*	*	*	*	*	*	*
Osteitis condensans (733.5)	*	*	*	*	*	*	*	*	*
Tietze's disease (733.6)	*	*	*	*	*	*	*	*	*
Algoneurodystrophy (733.7)	*	*	*	*	*	*	*	*	*
Malunion and nonunion of fracture (733.8)	*	*	*	*	*	*	*	*	*
Other and unspecified (733.9)	.0	.0	.0	.0	.0	*	*	*	*
Flat foot (734)	*	*	*	*	*	*	*	*	*
Acquired deformities of toe (735)	*	*	*	*	*	*	*	*	*
Hallux valgus, acquired (735.0)	*	*	*	*	*	*	*	*	*
Hallux varus, acquired (735.1)	*	*	*	*	*	*	*	*	*
Hallux rigidus (735.2)	*	*	*	*	*	*	*	*	*
Hallux malleus (735.3)	*	*	*	*	*	*	*	*	*
Other hammer toe, acquired (735.4)	*	*	*	*	*	*	*	*	*
Clawtoe, acquired (735.5)	*	*	*	*	*	*	*	*	*
Other (735.8)	*	*	*	*	*	*	*	*	*
Unspecified (735.9)	*	*	*	*	*	*	*	*	*
Other acquired deformities of limbs (736)	*	*	*	*	*	*	*	*	*
Acquired deformities of forearm, excluding fingers (736.0)	*	*	*	*	*	*	*	*	*
Mallet finger (736.1)	*	*	*	*	*	*	*	*	*
Other acquired deformities of finger (736.2)	*	*	*	*	*	*	*	*	*
Acquired deformities of hip (736.3)	*	*	*	*	*	*	*	*	*
Genu valgum or varum, acquired (736.4)	*	*	*	*	*	*	*	*	*
Genu recurvatum, acquired (736.5)	*	*	*	*	*	*	*	*	*
Other acquired deformities of knee (736.6)	*	*	*	*	*	*	*	*	*
Other acquired deformities of ankle and foot (736.7)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other acquired deformities of limbs-Con.									
Acquired deformities of other parts of limbs (736.8)	4	2	2	1	2	1	-	1	-
Acquired deformity of limb, site unspecified (736.9)	-	-	-	-	-	-	-	-	-
Curvature of spine (737)	276	74	202	62	186	12	16	11	13
Adolescent postural kyphosis (737.0)	1	-	1	-	1	-	-	-	-
Kyphosis, acquired (737.1)	53	10	43	8	43	2	-	1	-
Lordosis, acquired (postural) (737.2)	-	-	-	-	-	-	-	-	-
Kyphoscoliosis and scoliosis (737.3)	219	63	156	53	140	10	16	10	13
Other (737.8)	-	-	-	-	-	-	-	-	-
Unspecified (737.9)	3	1	2	1	2	-	-	-	-
Other acquired deformity (738)	12	6	6	6	6	-	-	-	-
Acquired deformity of nose (738.0)	-	-	-	-	-	-	-	-	-
Other acquired deformity of head (738.1)	-	-	-	-	-	-	-	-	-
Acquired deformity of neck (738.2)	-	-	-	-	-	-	-	-	-
Acquired deformity of chest and rib (738.3)	8	3	5	3	5	-	-	-	-
Acquired spondylolisthesis (738.4)	-	-	-	-	-	-	-	-	-
Other acquired deformity of back or spine (738.5)	2	1	1	1	1	-	-	-	-
Acquired deformity of pelvis (738.6)	-	-	-	-	-	-	-	-	-
Cauliflower ear (738.7)	-	-	-	-	-	-	-	-	-
Acquired deformity of other specified site (738.8)	1	1	-	1	-	-	-	-	-
Acquired deformity of unspecified site (738.9)	1	1	-	1	-	-	-	-	-
Nonallopathic lesions, not elsewhere classified (739)	-	-	-	-	-	-	-	-	-
Head region (739.0)	-	-	-	-	-	-	-	-	-
Cervical region (739.1)	-	-	-	-	-	-	-	-	-
Thoracic region (739.2)	-	-	-	-	-	-	-	-	-
Lumbar region (739.3)	-	-	-	-	-	-	-	-	-
Sacral region (739.4)	-	-	-	-	-	-	-	-	-
Pelvic region (739.5)	-	-	-	-	-	-	-	-	-
Lower extremities (739.6)	-	-	-	-	-	-	-	-	-
Upper extremities (739.7)	-	-	-	-	-	-	-	-	-
Rib cage (739.8)	-	-	-	-	-	-	-	-	-
Abdomen and other (739.9)	-	-	-	-	-	-	-	-	-
XIV. Congenital anomalies (740-759)									
Congenital anomalies (740-759)	13,085	7,050	6,035	5,667	4,835	1,383	1,200	1,174	1,003
Anencephalus and similar anomalies (740)	475	203	272	158	212	45	60	32	48
Anencephalus (740.0)	473	202	271	158	211	44	60	31	48
Craniorachischisis (740.1)	1	1	-	-	-	1	-	1	-
Iniencephaly (740.2)	1	-	1	-	1	-	-	-	-
Spina bifida (741)	178	87	91	68	80	19	11	17	10
With hydrocephalus (741.0)	100	45	55	33	48	12	7	11	6
Without mention of hydrocephalus (741.9)	78	42	36	35	32	7	4	6	4
Other congenital anomalies of nervous system (742)	1,150	602	548	502	438	100	110	82	93
Encephalocele (742.0)	85	34	51	28	42	6	9	5	8
Microcephalus (742.1)	102	50	52	36	41	14	11	12	10
Reduction deformities of brain (742.2)	150	66	84	54	68	12	16	9	14
Congenital hydrocephalus (742.3)	294	145	149	113	107	32	42	29	36
Other specified anomalies of brain (742.4)	90	55	35	48	27	7	8	6	7
Other specified anomalies of spinal cord (742.5)	236	143	93	133	87	10	6	7	5
Other specified anomalies of nervous system (742.8)	24	15	9	14	8	1	1	1	1
Unspecified anomalies of brain, spinal cord, and nervous system (742.9)	169	94	75	76	58	18	17	13	12
Congenital anomalies of eye (743)	3	1	2	1	1	-	1	-	1
Anophthalmos (743.0)	-	-	-	-	-	-	-	-	-
Microphthalmos (743.1)	3	1	2	1	1	-	1	-	1
Buphthalmos (743.2)	-	-	-	-	-	-	-	-	-
Congenital cataract and lens anomalies (743.3)	-	-	-	-	-	-	-	-	-
Coloboma and other anomalies of anterior segments (743.4)	-	-	-	-	-	-	-	-	-
Congenital anomalies of posterior segment (743.5)	-	-	-	-	-	-	-	-	-
Congenital anomalies of eyelids, lacrimal system, and orbit (743.6)	-	-	-	-	-	-	-	-	-
Other specified anomalies of eye (743.8)	-	-	-	-	-	-	-	-	-
Unspecified anomalies of eye (743.9)	-	-	-	-	-	-	-	-	-
Congenital anomalies of ear, face, and neck (744)	2	2	-	2	-	-	-	-	-
Anomalies of ear causing impairment of hearing (744.0)	-	-	-	-	-	-	-	-	-
Accessory auricle (744.1)	-	-	-	-	-	-	-	-	-
Other specified anomalies of ear (744.2)	-	-	-	-	-	-	-	-	-
Unspecified anomalies of ear (744.3)	1	1	-	1	-	-	-	-	-
Branchial cleft, cyst or fistula; preauricular sinus (744.4)	-	-	-	-	-	-	-	-	-
Webbing of neck (744.5)	-	-	-	-	-	-	-	-	-
Other specified anomalies of face and neck (744.8)	-	-	-	-	-	-	-	-	-
Unspecified anomalies of face and neck (744.9)	1	1	-	1	-	-	-	-	-
Bulbus cordis anomalies and anomalies of cardiac septal closure (745)	1,580	771	809	622	669	149	140	120	108
Common truncus (745.0)	92	42	50	31	42	11	8	9	6
Transposition of great vessels (745.1)	259	166	93	139	85	27	8	20	6
Tetralogy of Fallot (745.2)	282	138	144	109	116	29	28	26	22
Common ventricle (745.3)	66	34	32	30	21	4	11	4	9
Ventricular septal defect (745.4)	421	195	226	163	186	32	40	24	28
Ostium secundum type atrial septal defect (745.5)	266	109	157	91	136	18	21	14	14
Endocardial cushion defects (745.6)	176	78	98	52	74	26	24	21	23
Cor biloculare (745.7)	3	3	-	2	-	1	-	1	-
Other (745.8)	1	-	1	-	1	-	-	-	-
Unspecified defect of septal closure (745.9)	14	6	8	5	8	1	-	1	-
Other congenital anomalies of heart (746)	3,061	1,733	1,328	1,390	1,039	343	289	304	249
Anomalies of pulmonary valve (746.0)	34	19	15	16	11	3	4	2	4
Tricuspid atresia and stenosis, congenital (746.1)	68	40	28	27	23	13	5	12	5
Ebstein's anomaly (746.2)	56	24	32	23	26	1	6	1	5
Congenital stenosis of aortic valve (746.3)	81	53	28	50	24	3	4	2	3
Congenital insufficiency of aortic valve (746.4)	43	33	10	32	10	1	-	1	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers "042-"044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other acquired deformities of limbs-Con.									
Acquired deformities of other parts of limbs (736.8)	*	*	*	*	*	*	*	*	*
Acquired deformity of limb, site unspecified (736.9)	*	*	*	*	*	*	*	*	*
Curvature of spine (737)	0.1	0.1	0.2	0.1	0.2	*	*	*	*
Adolescent postural kyphosis (737.0)	*	*	*	*	*	*	*	*	*
Kyphosis, acquired (737.1)	.0	*	.0	*	.0	*	*	*	*
Lordosis, acquired (postural) (737.2)	*	*	*	*	*	*	*	*	*
Kyphoscoliosis and scoliosis (737.3)	.1	.1	.1	.1	.1	*	*	*	*
Other (737.8)	*	*	*	*	*	*	*	*	*
Unspecified (737.9)	*	*	*	*	*	*	*	*	*
Other acquired deformity (738)	*	*	*	*	*	*	*	*	*
Acquired deformity of nose (738.0)	*	*	*	*	*	*	*	*	*
Other acquired deformity of head (738.1)	*	*	*	*	*	*	*	*	*
Acquired deformity of neck (738.2)	*	*	*	*	*	*	*	*	*
Acquired deformity of chest and rib (738.3)	*	*	*	*	*	*	*	*	*
Acquired spondylolisthesis (738.4)	*	*	*	*	*	*	*	*	*
Other acquired deformity of back or spine (738.5)	*	*	*	*	*	*	*	*	*
Acquired deformity of pelvis (738.6)	*	*	*	*	*	*	*	*	*
Cauliflower ear (738.7)	*	*	*	*	*	*	*	*	*
Acquired deformity of other specified site (738.8)	*	*	*	*	*	*	*	*	*
Acquired deformity of unspecified site (738.9)	*	*	*	*	*	*	*	*	*
Nonallopathic lesions, not elsewhere classified (739)	*	*	*	*	*	*	*	*	*
Head region (739.0)	*	*	*	*	*	*	*	*	*
Cervical region (739.1)	*	*	*	*	*	*	*	*	*
Thoracic region (739.2)	*	*	*	*	*	*	*	*	*
Lumbar region (739.3)	*	*	*	*	*	*	*	*	*
Sacral region (739.4)	*	*	*	*	*	*	*	*	*
Pelvic region (739.5)	*	*	*	*	*	*	*	*	*
Lower extremities (739.6)	*	*	*	*	*	*	*	*	*
Upper extremities (739.7)	*	*	*	*	*	*	*	*	*
Rib cage (739.8)	*	*	*	*	*	*	*	*	*
Abdomen and other (739.9)	*	*	*	*	*	*	*	*	*
XIV. Congenital anomalies (740-759)									
Congenital anomalies (740-759)	5.3	5.8	4.7	5.5	4.5	7.2	5.7	8.1	6.2
Anencephalus and similar anomalies (740)	.2	.2	.2	.2	.2	.2	.3	.2	.3
Anencephalus (740.0)	.2	.2	.2	.2	.2	.2	.3	.2	.3
Craniorachischisis (740.1)	*	*	*	*	*	*	*	*	*
Iniencephaly (740.2)	*	*	*	*	*	*	*	*	*
Spina bifida (741)	.1	.1	.1	.1	.1	*	*	*	*
With hydrocephalus (741.0)	.0	.0	.0	.0	.0	*	*	*	*
Without mention of hydrocephalus (741.9)	.0	.0	.0	.0	.0	*	*	*	*
Other congenital anomalies of nervous system (742)	.5	.5	.4	.5	.4	.5	.5	.6	.6
Encephalocele (742.0)	.0	.0	.0	.0	.0	*	*	*	*
Microcephalus (742.1)	.0	.0	.0	.0	.0	*	*	*	*
Reduction deformities of brain (742.2)	.1	.1	.1	.1	.1	*	*	*	*
Congenital hydrocephalus (742.3)	.1	.1	.1	.1	.1	.2	.2	.2	.2
Other specified anomalies of brain (742.4)	.0	.0	.0	.0	.0	*	*	*	*
Other specified anomalies of spinal cord (742.5)	.1	.1	.1	.1	.1	*	*	*	*
Other specified anomalies of nervous system (742.8)	.0	*	*	*	*	*	*	*	*
Unspecified anomalies of brain, spinal cord, and nervous system (742.9)	.1	.1	.1	.1	.1	*	*	*	*
Congenital anomalies of eye (743)	*	*	*	*	*	*	*	*	*
Anophthalmos (743.0)	*	*	*	*	*	*	*	*	*
Microphthalmos (743.1)	*	*	*	*	*	*	*	*	*
Buphthalmos (743.2)	*	*	*	*	*	*	*	*	*
Congenital cataract and lens anomalies (743.3)	*	*	*	*	*	*	*	*	*
Coloboma and other anomalies of anterior segments (743.4)	*	*	*	*	*	*	*	*	*
Congenital anomalies of posterior segment (743.5)	*	*	*	*	*	*	*	*	*
Congenital anomalies of eyelids, lacrimal system, and orbit (743.6)	*	*	*	*	*	*	*	*	*
Other specified anomalies of eye (743.8)	*	*	*	*	*	*	*	*	*
Unspecified anomalies of eye (743.9)	*	*	*	*	*	*	*	*	*
Congenital anomalies of ear, face, and neck (744)	*	*	*	*	*	*	*	*	*
Anomalies of ear causing impairment of hearing (744.0)	*	*	*	*	*	*	*	*	*
Accessory auricle (744.1)	*	*	*	*	*	*	*	*	*
Other specified anomalies of ear (744.2)	*	*	*	*	*	*	*	*	*
Unspecified anomalies of ear (744.3)	*	*	*	*	*	*	*	*	*
Branchial cleft, cyst or fistula; preauricular sinus (744.4)	*	*	*	*	*	*	*	*	*
Webbing of neck (744.5)	*	*	*	*	*	*	*	*	*
Other specified anomalies of face and neck (744.8)	*	*	*	*	*	*	*	*	*
Unspecified anomalies of face and neck (744.9)	*	*	*	*	*	*	*	*	*
Bulbus cordis anomalies and anomalies of cardiac septal closure (745)	.6	.6	.6	.6	.6	.8	.7	.8	.7
Common truncus (745.0)	.0	.0	.0	.0	.0	*	*	*	*
Transposition of great vessels (745.1)	.1	.1	.1	.1	.1	.1	*	.1	*
Tetralogy of Fallot (745.2)	.1	.1	.1	.1	.1	.2	.1	.2	.1
Common ventricle (745.3)	.0	.0	.0	.0	.0	*	*	*	*
Ventricular septal defect (745.4)	.2	.2	.2	.2	.2	.2	.2	.2	.2
Ostium secundum type atrial septal defect (745.5)	.1	.1	.1	.1	.1	*	.1	*	*
Endocardial cushion defects (745.6)	.1	.1	.1	.1	.1	.1	.1	.1	.1
Cor biloculare (745.7)	*	*	*	*	*	*	*	*	*
Other (745.8)	*	*	*	*	*	*	*	*	*
Unspecified defect of septal closure (745.9)	*	*	*	*	*	*	*	*	*
Other congenital anomalies of heart (746)	1.2	1.4	1.0	1.4	1.0	1.8	1.4	2.1	1.6
Anomalies of pulmonary valve (746.0)	.0	*	*	*	*	*	*	*	*
Tricuspid atresia and stenosis, congenital (746.1)	.0	.0	.0	.0	.0	*	*	*	*
Ebstein's anomaly (746.2)	.0	.0	.0	.0	.0	*	*	*	*
Congenital stenosis of aortic valve (746.3)	.0	.0	.0	.0	.0	*	*	*	*
Congenital insufficiency of aortic valve (746.4)	.0	.0	*	.0	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other congenital anomalies of heart-Con.									
Congenital mitral stenosis (746.5)	10	6	4	5	4	1	-	1	-
Congenital mitral insufficiency (746.6)	3	3	-	3	-	-	-	-	-
Hypoplastic left heart syndrome (746.7)	646	395	251	339	196	56	55	51	52
Other specified anomalies of heart (746.8)	469	254	215	192	160	62	55	55	48
Unspecified anomalies of heart (746.9)	1,651	906	745	703	585	203	160	179	132
Other congenital anomalies of circulatory system (747)	1,193	633	560	503	436	130	124	112	103
Patent ductus arteriosus (747.0)	83	37	46	24	31	13	15	11	10
Coarctation of aorta (747.1)	126	78	48	63	41	15	7	13	7
Other anomalies of aorta (747.2)	36	23	13	20	7	3	6	3	6
Anomalies of pulmonary artery (747.3)	170	78	92	64	76	14	16	11	11
Anomalies of great veins (747.4)	97	55	42	46	35	9	7	7	6
Absence or hypoplasia of umbilical artery (747.5)	2	1	1	-	1	1	-	1	-
Other anomalies of peripheral vascular system (747.6)	189	98	91	79	73	19	18	19	17
Other specified anomalies of circulatory system (747.8)	376	198	178	163	144	35	34	29	26
Unspecified anomalies of circulatory system (747.9)	114	65	49	44	28	21	21	18	20
Congenital anomalies of respiratory system (748)	1,222	755	467	594	368	161	99	144	82
Choanal atresia (748.0)	2	1	1	1	1	-	-	-	-
Other anomalies of nose (748.1)	3	2	1	2	1	-	-	-	-
Web of larynx (748.2)	-	-	-	-	-	-	-	-	-
Other anomalies of larynx, trachea, and bronchus (748.3)	63	43	20	33	15	10	5	10	4
Congenital cystic lung (748.4)	7	3	4	2	3	1	1	1	1
Agenesis, hypoplasia, and dysplasia of lung (748.5)	1,046	651	395	515	317	136	78	121	63
Other anomalies of lung (748.6)	88	47	41	37	26	10	15	8	14
Other specified anomalies of respiratory system (748.8)	1	1	-	-	-	1	-	1	-
Unspecified anomalies of respiratory system (748.9)	12	7	5	4	5	3	-	3	-
Cleft palate and cleft lip (749)	16	7	9	5	8	2	1	2	1
Cleft palate (749.0)	9	4	5	3	4	1	1	1	1
Cleft lip (749.1)	3	1	2	1	2	-	-	-	-
Cleft palate with cleft lip (749.2)	4	2	2	1	2	1	-	1	-
Other congenital anomalies of upper alimentary tract (750)	66	30	36	23	32	7	4	4	4
Tongue tie (750.0)	-	-	-	-	-	-	-	-	-
Other anomalies of tongue (750.1)	2	1	1	-	1	1	-	-	-
Other specified anomalies of mouth and pharynx (750.2)	1	-	1	-	1	-	-	-	-
Tracheo-esophageal fistula, esophageal atresia and stenosis (750.3)	28	12	16	9	14	3	2	2	2
Other specified anomalies of esophagus (750.4)	21	12	9	11	8	1	1	1	1
Congenital hypertrophic pyloric stenosis (750.5)	-	-	-	-	-	-	-	-	-
Congenital hiatus hernia (750.6)	4	1	3	-	3	1	-	1	-
Other specified anomalies of stomach (750.7)	1	1	-	1	-	-	-	-	-
Other specified anomalies of upper alimentary tract (750.8)	-	-	-	-	-	-	-	-	-
Unspecified anomalies of upper alimentary tract (750.9)	9	3	6	2	5	1	1	-	1
Other congenital anomalies of digestive system (751)	229	118	111	94	81	24	30	18	24
Meckel's diverticulum (751.0)	12	8	4	7	3	1	1	-	1
Atresia and stenosis of small intestine (751.1)	22	9	13	6	9	3	4	2	3
Atresia and stenosis of large intestine, rectum, and anal canal (751.2)	6	3	3	3	3	-	-	-	-
Hirschsprung's disease and other congenital functional disorders of colon (751.3)	28	19	9	15	7	4	2	3	-
Anomalies of intestinal fixation (751.4)	20	13	7	12	5	1	2	-	2
Other anomalies of intestine (751.5)	41	17	24	14	22	3	2	3	1
Anomalies of gall bladder, bile ducts, and liver (751.6)	84	38	46	29	30	9	16	8	15
Anomalies of pancreas (751.7)	2	1	1	-	-	1	1	-	-
Other specified anomalies of digestive system (751.8)	7	5	2	4	-	1	2	1	2
Unspecified anomalies of digestive system (751.9)	7	5	2	4	2	1	-	1	-
Congenital anomalies of genital organs (752)	6	4	2	3	2	1	-	1	-
Anomalies of ovaries (752.0)	-	...	-	...	-	...	-	...	-
Anomalies of fallopian tubes and broad ligaments (752.1)	-	...	-	...	-	...	-	...	-
Doubling of uterus (752.2)	1	...	1	...	1	...	-	...	-
Other anomalies of uterus (752.3)	-	...	-	...	-	...	-	...	-
Anomalies of cervix, vagina, and external female genitalia (752.4)	-	...	-	...	-	...	-	...	-
Undescended testicle (752.5)	-	-	...	-	...	-	...	-	...
Hypospadias and epispadias (752.6)	3	3	...	2	...	1	...	1	...
Indeterminate sex and pseudohermaphroditism (752.7)	-	-	-	-	-	-	-	-	-
Other specified anomalies of genital organs (752.8)	-	-	-	-	-	-	-	-	-
Unspecified anomalies of genital organs (752.9)	2	1	1	1	1	-	-	-	-
Congenital anomalies of urinary system (753)	840	526	314	436	271	90	43	78	39
Renal agenesis and dysgenesis (753.0)	414	288	126	235	104	53	22	46	21
Cystic kidney disease (753.1)	359	191	168	169	147	22	21	19	18
Obstructive defects of renal pelvis and ureter (753.2)	7	5	2	4	2	1	-	1	-
Other specified anomalies of kidney (753.3)	21	11	10	7	10	4	-	3	-
Other specified anomalies of ureter (753.4)	1	1	-	1	-	-	-	-	-
Exstrophy of urinary bladder (753.5)	2	1	1	1	1	-	-	-	-
Atresia and stenosis of urethra and bladder neck (753.6)	9	9	-	5	-	4	-	4	-
Anomalies of urachus (753.7)	1	1	-	1	-	-	-	-	-
Other specified anomalies of bladder and urethra (753.8)	-	-	-	-	-	-	-	-	-
Unspecified anomalies of urinary system (753.9)	26	19	7	13	7	6	-	5	-
Certain congenital musculoskeletal deformities (754)	9	2	7	2	7	-	-	-	-
Of skull, face, and jaw (754.0)	-	-	-	-	-	-	-	-	-
Of sternocleidomastoid muscle (754.1)	-	-	-	-	-	-	-	-	-
Of spine (754.2)	3	-	3	-	3	-	-	-	-
Congenital dislocation of hip (754.3)	1	1	-	1	-	-	-	-	-
Congenital genu recurvatum and bowing of long bones of leg (754.4)	-	-	-	-	-	-	-	-	-
Varus deformities of feet (754.5)	-	-	-	-	-	-	-	-	-
Valgus deformities of feet (754.6)	-	-	-	-	-	-	-	-	-
Other deformities of feet (754.7)	1	-	1	-	1	-	-	-	-
Other (754.8)	4	1	3	1	3	-	-	-	-
Other congenital anomalies of limbs (755)	13	6	7	5	6	1	1	-	-
Polydactyly (755.0)	1	1	-	-	-	1	-	-	-
Syndactyly (755.1)	1	-	1	-	-	-	1	-	-
Reduction deformities of upper limb (755.2)	-	-	-	-	-	-	-	-	-
Reduction deformities of lower limb (755.3)	-	-	-	-	-	-	-	-	-
Reduction deformities, unspecified limb (755.4)	-	-	-	-	-	-	-	-	-
Other anomalies of upper limb, including shoulder girdle (755.5)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other congenital anomalies of heart-Con.									
Congenital mitral stenosis (746.5)	*	*	*	*	*	*	*	*	*
Congenital mitral insufficiency (746.6)	*	*	*	*	*	*	*	*	*
Hypoplastic left heart syndrome (746.7)	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.4	0.3
Other specified anomalies of heart (746.8)	.2	.2	.2	.2	.2	.3	.3	.4	.3
Unspecified anomalies of heart (746.9)	.7	.7	.6	.7	.5	1.1	.8	1.2	.8
Other congenital anomalies of circulatory system (747)	.5	.5	.4	.5	.4	.7	.6	.8	.6
Patent ductus arteriosus (747.0)	.0	.0	.0	.0	.0	*	*	*	*
Coarctation of aorta (747.1)	.1	.1	.0	.1	.0	*	*	*	*
Other anomalies of aorta (747.2)	.0	.0	*	.0	*	*	*	*	*
Anomalies of pulmonary artery (747.3)	.1	.1	.1	.1	.1	*	*	*	*
Anomalies of great veins (747.4)	.0	.0	.0	.0	.0	*	*	*	*
Absence or hypoplasia of umbilical artery (747.5)	*	*	*	*	*	*	*	*	*
Other anomalies of peripheral vascular system (747.6)	.1	.1	.1	.1	.1	*	*	*	*
Other specified anomalies of circulatory system (747.8)	.2	.2	.1	.2	.1	.2	.2	.2	.2
Unspecified anomalies of circulatory system (747.9)	.0	.1	.0	.0	.0	.1	.1	*	.1
Congenital anomalies of respiratory system (748)	.5	.6	.4	.6	.3	.8	.5	1.0	.5
Choanal atresia (748.0)	*	*	*	*	*	*	*	*	*
Other anomalies of nose (748.1)	*	*	*	*	*	*	*	*	*
Web of larynx (748.2)	*	*	*	*	*	*	*	*	*
Other anomalies of larynx, trachea, and bronchus (748.3)	.0	.0	.0	.0	*	*	*	*	*
Congenital cystic lung (748.4)	*	*	*	*	*	*	*	*	*
Agenesis, hypoplasia, and dysplasia of lung (748.5)	.4	.5	.3	.5	.3	.7	.4	.8	.4
Other anomalies of lung (748.6)	.0	.0	.0	.0	.0	*	*	*	*
Other specified anomalies of respiratory system (748.8)	*	*	*	*	*	*	*	*	*
Unspecified anomalies of respiratory system (748.9)	*	*	*	*	*	*	*	*	*
Cleft palate and cleft lip (749)	*	*	*	*	*	*	*	*	*
Cleft palate (749.0)	*	*	*	*	*	*	*	*	*
Cleft lip (749.1)	*	*	*	*	*	*	*	*	*
Cleft palate with cleft lip (749.2)	*	*	*	*	*	*	*	*	*
Other congenital anomalies of upper alimentary tract (750)	.0	.0	.0	.0	.0	*	*	*	*
Tongue tie (750.0)	*	*	*	*	*	*	*	*	*
Other anomalies of tongue (750.1)	*	*	*	*	*	*	*	*	*
Other specified anomalies of mouth and pharynx (750.2)	*	*	*	*	*	*	*	*	*
Tracheo-esophageal fistula, esophageal atresia and stenosis (750.3)	.0	*	*	*	*	*	*	*	*
Other specified anomalies of esophagus (750.4)	.0	*	*	*	*	*	*	*	*
Congenital hypertrophic pyloric stenosis (750.5)	*	*	*	*	*	*	*	*	*
Congenital hiatus hernia (750.6)	*	*	*	*	*	*	*	*	*
Other specified anomalies of stomach (750.7)	*	*	*	*	*	*	*	*	*
Other specified anomalies of upper alimentary tract (750.8)	*	*	*	*	*	*	*	*	*
Unspecified anomalies of upper alimentary tract (750.9)	*	*	*	*	*	*	*	*	*
Other congenital anomalies of digestive system (751)	.1	.1	.1	.1	.1	.1	.1	*	.1
Meckel's diverticulum (751.0)	*	*	*	*	*	*	*	*	*
Atresia and stenosis of small intestine (751.1)	.0	*	*	*	*	*	*	*	*
Atresia and stenosis of large intestine, rectum, and anal canal (751.2)	*	*	*	*	*	*	*	*	*
Hirschsprung's disease and other congenital functional disorders of colon (751.3)	.0	*	*	*	*	*	*	*	*
Anomalies of intestinal fixation (751.4)	.0	*	*	*	*	*	*	*	*
Other anomalies of intestine (751.5)	.0	*	.0	*	.0	*	*	*	*
Anomalies of gall bladder, bile ducts, and liver (751.6)	.0	.0	.0	.0	.0	*	*	*	*
Anomalies of pancreas (751.7)	*	*	*	*	*	*	*	*	*
Other specified anomalies of digestive system (751.8)	*	*	*	*	*	*	*	*	*
Unspecified anomalies of digestive system (751.9)	*	*	*	*	*	*	*	*	*
Congenital anomalies of genital organs (752)	*	*	*	*	*	*	*	*	*
Anomalies of ovaries (752.0)	*	...	*	...	*	...	*	...	*
Anomalies of fallopian tubes and broad ligaments (752.1)	*	...	*	...	*	...	*	...	*
Doubling of uterus (752.2)	*	...	*	...	*	...	*	...	*
Other anomalies of uterus (752.3)	*	...	*	...	*	...	*	...	*
Anomalies of cervix, vagina, and external female genitalia (752.4)	*	...	*	...	*	...	*	...	*
Undescended testicle (752.5)	*	*	...	*	...	*	...	*	...
Hypospadias and epispadias (752.6)	*	*	...	*	...	*	...	*	...
Indeterminate sex and pseudohermaphroditism (752.7)	*	*	*	*	*	*	*	*	*
Other specified anomalies of genital organs (752.8)	*	*	*	*	*	*	*	*	*
Unspecified anomalies of genital organs (752.9)	*	*	*	*	*	*	*	*	*
Congenital anomalies of urinary system (753)	.3	.4	.2	.4	.3	.5	.2	.5	.2
Renal agenesis and dysgenesis (753.0)	.2	.2	.1	.2	.1	.3	.1	.3	.1
Cystic kidney disease (753.1)	.1	.2	.1	.2	.1	.1	.1	*	*
Obstructive defects of renal pelvis and ureter (753.2)	*	*	*	*	*	*	*	*	*
Other specified anomalies of kidney (753.3)	.0	*	*	*	*	*	*	*	*
Other specified anomalies of ureter (753.4)	*	*	*	*	*	*	*	*	*
Exstrophy of urinary bladder (753.5)	*	*	*	*	*	*	*	*	*
Atresia and stenosis of urethra and bladder neck (753.6)	*	*	*	*	*	*	*	*	*
Anomalies of urachus (753.7)	*	*	*	*	*	*	*	*	*
Other specified anomalies of bladder and urethra (753.8)	*	*	*	*	*	*	*	*	*
Unspecified anomalies of urinary system (753.9)	.0	*	*	*	*	*	*	*	*
Certain congenital musculoskeletal deformities (754)	*	*	*	*	*	*	*	*	*
Of skull, face, and jaw (754.0)	*	*	*	*	*	*	*	*	*
Of sternocleidomastoid muscle (754.1)	*	*	*	*	*	*	*	*	*
Of spine (754.2)	*	*	*	*	*	*	*	*	*
Congenital dislocation of hip (754.3)	*	*	*	*	*	*	*	*	*
Congenital genu recurvatum and bowing of long bones of leg (754.4)	*	*	*	*	*	*	*	*	*
Varus deformities of feet (754.5)	*	*	*	*	*	*	*	*	*
Valgus deformities of feet (754.6)	*	*	*	*	*	*	*	*	*
Other deformities of feet (754.7)	*	*	*	*	*	*	*	*	*
Other (754.8)	*	*	*	*	*	*	*	*	*
Other congenital anomalies of limbs (755)	*	*	*	*	*	*	*	*	*
Polydactyly (755.0)	*	*	*	*	*	*	*	*	*
Syndactyly (755.1)	*	*	*	*	*	*	*	*	*
Reduction deformities of upper limb (755.2)	*	*	*	*	*	*	*	*	*
Reduction deformities of lower limb (755.3)	*	*	*	*	*	*	*	*	*
Reduction deformities, unspecified limb (755.4)	*	*	*	*	*	*	*	*	*
Other anomalies of upper limb, including shoulder girdle (755.5)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other congenital anomalies of limbs-Con.									
Other anomalies of lower limb, including pelvic girdle (755.6)	1	1	-	1	-	-	-	-	-
Other specified anomalies of unspecified limb (755.8)	10	4	6	4	6	-	-	-	-
Unspecified anomalies of unspecified limb (755.9)	-	-	-	-	-	-	-	-	-
Other congenital musculoskeletal anomalies (756)	633	359	274	292	202	67	72	60	63
Anomalies of skull and face bones (756.0)	38	16	22	12	14	4	8	4	7
Anomalies of spine (756.1)	40	19	21	14	17	5	4	5	3
Cervical rib (756.2)	-	-	-	-	-	-	-	-	-
Other anomalies of ribs and sternum (756.3)	11	5	6	5	3	-	3	-	2
Chondrodystrophy (756.4)	18	14	4	13	4	1	-	1	-
Osteodystrophies (756.5)	78	36	42	29	29	7	13	7	12
Anomalies of diaphragm (756.6)	350	211	139	173	105	38	34	33	30
Anomalies of abdominal wall (756.7)	62	46	16	35	12	11	4	10	4
Other specified anomalies of muscle, tendon, fascia, and connective tissue (756.8)	27	9	18	8	13	1	5	-	4
Unspecified anomalies of musculoskeletal system (756.9)	9	3	6	3	5	-	1	-	1
Congenital anomalies of the integument (757)	24	11	13	9	8	2	5	2	4
Hereditary edema of legs (757.0)	1	1	-	1	-	-	-	-	-
Ichthyosis congenita (757.1)	4	2	2	2	1	-	1	-	-
Dermatoglyphic anomalies (757.2)	-	-	-	-	-	-	-	-	-
Other specified anomalies of skin (757.3)	19	8	11	6	7	2	4	2	4
Specified anomalies of hair (757.4)	-	-	-	-	-	-	-	-	-
Specified anomalies of nails (757.5)	-	-	-	-	-	-	-	-	-
Specified anomalies of breast (757.6)	-	-	-	-	-	-	-	-	-
Other specified anomalies of the integument (757.8)	-	-	-	-	-	-	-	-	-
Unspecified anomalies of the integument (757.9)	-	-	-	-	-	-	-	-	-
Chromosomal anomalies (758)	1,371	639	732	522	610	117	122	95	102
Down's syndrome (758.0)	403	190	213	156	182	34	31	30	30
Patau's syndrome (758.1)	281	156	125	123	97	33	28	24	25
Edwards' syndrome (758.2)	472	188	284	153	234	35	50	33	37
Autosomal deletion syndromes (758.3)	11	2	9	2	7	-	2	-	1
Balanced autosomal translocation in normal individual (758.4)	1	1	-	1	-	-	-	-	-
Other conditions due to autosomal anomalies (758.5)	60	34	26	28	22	6	4	3	3
Gonadal dysgenesis (758.6)	9	1	8	1	7	-	1	-	1
Klinefelter's syndrome (758.7)	1	1	...	1	...	-	...	-	...
Other conditions due to sex chromosome anomalies (758.8)	6	5	1	5	1	-	-	-	-
Conditions due to anomaly of unspecified chromosome (758.9)	127	61	66	52	60	9	6	5	5
Other and unspecified congenital anomalies (759)	1,014	561	453	436	365	125	88	103	72
Anomalies of spleen (759.0)	21	11	10	8	9	3	1	3	1
Anomalies of adrenal gland (759.1)	3	2	1	1	1	1	-	1	-
Anomalies of other endocrine glands (759.2)	4	3	1	2	1	1	-	1	-
Situs inversus (759.3)	15	7	8	5	7	2	1	1	1
Conjoined twins (759.4)	36	13	23	9	20	4	3	2	3
Tuberous sclerosis (759.5)	25	12	13	12	9	-	4	-	4
Other hamartoses, not elsewhere classified (759.6)	8	3	5	3	5	-	-	-	-
Multiple congenital anomalies, so described (759.7)	461	261	200	194	155	67	45	56	37
Other specified anomalies (759.8)	361	210	151	175	125	35	26	30	20
Congenital anomaly, unspecified (759.9)	80	39	41	27	33	12	8	9	6
XV. Certain conditions originating in the perinatal period (760-779)									
Certain conditions originating in the perinatal period (760-779)	17,674	10,056	7,618	6,055	4,451	4,001	3,167	3,762	2,982
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	233	135	98	76	54	59	44	57	43
Maternal hypertensive disorders (760.0)	44	25	19	13	14	12	5	12	4
Maternal renal and urinary tract diseases (760.1)	6	2	4	-	1	2	3	2	3
Maternal infections (760.2)	14	7	7	5	5	2	2	2	2
Other chronic maternal circulatory and respiratory diseases (760.3)	6	2	4	2	2	-	2	-	2
Maternal nutritional disorders (760.4)	1	-	1	-	-	-	1	-	1
Maternal injury (760.5)	34	16	18	11	13	5	5	5	5
Surgical operation on mother (760.6)	1	1	-	1	-	-	-	-	-
Noxious influences transmitted via placenta or breast milk (760.7)	73	48	25	20	11	28	14	27	14
Other (760.8)	53	33	20	23	8	10	12	9	12
Unspecified (760.9)	1	1	-	1	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	1,655	885	770	573	471	312	299	293	278
Incompetent cervix (761.0)	218	117	101	73	69	44	32	38	32
Premature rupture of membranes (761.1)	514	276	238	179	152	97	86	88	79
Oligohydramnios (761.2)	32	19	13	16	9	3	4	1	2
Polyhydramnios (761.3)	28	11	17	9	15	2	2	-	2
Ectopic pregnancy (761.4)	4	1	3	1	1	-	2	-	2
Multiple pregnancy (761.5)	797	427	370	277	214	150	156	150	148
Maternal death (761.6)	2	2	-	1	-	1	-	1	-
Malpresentation before labor (761.7)	6	4	2	1	-	3	2	3	1
Other (761.8)	54	28	26	16	11	12	15	12	12
Unspecified (761.9)	-	-	-	-	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	982	562	420	388	274	174	146	154	138
Placenta previa (762.0)	42	26	16	20	11	6	5	6	4
Other forms of placental separation and hemorrhage (762.1)	459	269	190	178	123	91	67	79	64
Other and unspecified morphological and functional abnormalities of placenta (762.2)	33	19	14	11	14	8	-	6	-
Placental transfusion syndromes (762.3)	33	18	15	17	15	1	-	1	-
Prolapsed cord (762.4)	36	24	12	15	10	9	2	8	2
Other compression of umbilical cord (762.5)	15	5	10	3	8	2	2	1	2
Other and unspecified conditions of umbilical cord (762.6)	11	5	6	5	6	-	-	-	-
Chorioamnionitis (762.7)	352	196	156	139	86	57	70	53	66
Other abnormalities of chorion and amnion (762.8)	-	-	-	-	-	-	-	-	-
Unspecified abnormality of chorion and amnion (762.9)	1	-	1	-	1	-	-	-	-
Newborn affected by other complications of labor and delivery (763)	75	48	27	33	21	15	6	13	6
Breech delivery and extraction (763.0)	27	14	13	8	9	6	4	5	4
Other malpresentation, malposition, and disproportion during labor and delivery (763.1)	3	1	2	1	1	-	1	-	1
Forceps delivery (763.2)	1	1	-	1	-	-	-	-	-
Delivery by vacuum extractor (763.3)	-	-	-	-	-	-	-	-	-
Cesarean delivery (763.4)	-	-	-	-	-	-	-	-	-
Maternal anesthesia and analgesia (763.5)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other congenital anomalies of limbs-Con.									
Other anomalies of lower limb, including pelvic girdle (755.6)	*	*	*	*	*	*	*	*	*
Other specified anomalies of unspecified limb (755.8)	*	*	*	*	*	*	*	*	*
Unspecified anomalies of unspecified limb (755.9)	*	*	*	*	*	*	*	*	*
Other congenital musculoskeletal anomalies (756)	0.3	0.3	0.2	0.3	0.2	0.4	0.3	0.4	0.4
Anomalies of skull and face bones (756.0)	.0	*	.0	*	*	*	*	*	*
Anomalies of spine (756.1)	.0	*	.0	*	*	*	*	*	*
Cervical rib (756.2)	*	*	*	*	*	*	*	*	*
Other anomalies of ribs and sternum (756.3)	*	*	*	*	*	*	*	*	*
Chondrodystrophy (756.4)	*	*	*	*	*	*	*	*	*
Osteodystrophies (756.5)	.0	.0	.0	.0	.0	*	*	*	*
Anomalies of diaphragm (756.6)	.1	.2	.1	.2	.1	.2	.2	.2	.2
Anomalies of abdominal wall (756.7)	.0	.0	*	.0	*	*	*	*	*
Other specified anomalies of muscle, tendon, fascia, and connective tissue (756.8)	.0	*	*	*	*	*	*	*	*
Unspecified anomalies of musculoskeletal system (756.9)	*	*	*	*	*	*	*	*	*
Congenital anomalies of the integument (757)	.0	*	*	*	*	*	*	*	*
Hereditary edema of legs (757.0)	*	*	*	*	*	*	*	*	*
Ichthyosis congenita (757.1)	*	*	*	*	*	*	*	*	*
Dermatoglyphic anomalies (757.2)	*	*	*	*	*	*	*	*	*
Other specified anomalies of skin (757.3)	*	*	*	*	*	*	*	*	*
Specified anomalies of hair (757.4)	*	*	*	*	*	*	*	*	*
Specified anomalies of nails (757.5)	*	*	*	*	*	*	*	*	*
Specified anomalies of breast (757.6)	*	*	*	*	*	*	*	*	*
Other specified anomalies of the integument (757.8)	*	*	*	*	*	*	*	*	*
Unspecified anomalies of the integument (757.9)	*	*	*	*	*	*	*	*	*
Chromosomal anomalies (758)	.6	.5	.6	.5	.6	.6	.6	.7	.6
Down's syndrome (758.0)	.2	.2	.2	.2	.2	.2	.1	.2	.2
Patau's syndrome (758.1)	.1	.1	.1	.1	.1	.2	.1	.2	.2
Edwards' syndrome (758.2)	.2	.2	.2	.1	.2	.2	.2	.2	.2
Autosomal deletion syndromes (758.3)	*	*	*	*	*	*	*	*	*
Balanced autosomal translocation in normal individual (758.4)	*	*	*	*	*	*	*	*	*
Other conditions due to autosomal anomalies (758.5)	.0	.0	.0	.0	.0	*	*	*	*
Gonadal dysgenesis (758.6)	*	*	*	*	*	*	*	*	*
Klinefelter's syndrome (758.7)	*	*	...	*	...	*	...	*	...
Other conditions due to sex chromosome anomalies (758.8)	*	*	*	*	*	*	*	*	*
Conditions due to anomaly of unspecified chromosome (758.9)	.1	.1	.1	.1	.1	*	*	*	*
Other and unspecified congenital anomalies (759)	.4	.5	.4	.4	.3	.7	.4	.7	.4
Anomalies of spleen (759.0)	.0	*	*	*	*	*	*	*	*
Anomalies of adrenal gland (759.1)	*	*	*	*	*	*	*	*	*
Anomalies of other endocrine glands (759.2)	*	*	*	*	*	*	*	*	*
Situs inversus (759.3)	*	*	*	*	*	*	*	*	*
Conjoined twins (759.4)	.0	*	.0	*	.0	*	*	*	*
Tuberous sclerosis (759.5)	.0	*	*	*	*	*	*	*	*
Other hamartoses, not elsewhere classified (759.6)	*	*	*	*	*	*	*	*	*
Multiple congenital anomalies, so described (759.7)	.2	.2	.2	.2	.1	.4	.2	.4	.2
Other specified anomalies (759.8)	.1	.2	.1	.2	.1	.2	.1	.2	.1
Congenital anomaly, unspecified (759.9)	.0	.0	.0	.0	.0	*	*	*	*
XV. Certain conditions originating in the perinatal period (760-779)									
Certain conditions originating in the perinatal period (760-779)	7.1	8.3	6.0	5.9	4.2	21.0	15.1	26.1	18.6
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	.1	.1	.1	.1	.1	.3	.2	.4	.3
Maternal hypertensive disorders (760.0)	.0	.0	*	*	*	*	*	*	*
Maternal renal and urinary tract diseases (760.1)	*	*	*	*	*	*	*	*	*
Maternal infections (760.2)	*	*	*	*	*	*	*	*	*
Other chronic maternal circulatory and respiratory diseases (760.3)	*	*	*	*	*	*	*	*	*
Maternal nutritional disorders (760.4)	*	*	*	*	*	*	*	*	*
Maternal injury (760.5)	.0	*	*	*	*	*	*	*	*
Surgical operation on mother (760.6)	*	*	*	*	*	*	*	*	*
Noxious influences transmitted via placenta or breast milk (760.7)	.0	.0	.0	.0	*	.1	*	.2	*
Other (760.8)	.0	.0	.0	.0	*	*	*	*	*
Unspecified (760.9)	*	*	*	*	*	*	*	*	*
Newborn affected by maternal complications of pregnancy (761)	.7	.7	.6	.6	.4	1.6	1.4	2.0	1.7
Incompetent cervix (761.0)	.1	.1	.1	.1	.1	.2	.2	.3	.2
Premature rupture of membranes (761.1)	.2	.2	.2	.2	.1	.5	.4	.6	.5
Oligohydramnios (761.2)	.0	*	*	*	*	*	*	*	*
Polyhydramnios (761.3)	.0	*	*	*	*	*	*	*	*
Ectopic pregnancy (761.4)	*	*	*	*	*	*	*	*	*
Multiple pregnancy (761.5)	.3	.4	.3	.3	.2	.8	.7	1.0	.9
Maternal death (761.6)	*	*	*	*	*	*	*	*	*
Malpresentation before labor (761.7)	*	*	*	*	*	*	*	*	*
Other (761.8)	.0	.0	.0	*	*	*	*	*	*
Unspecified (761.9)	*	*	*	*	*	*	*	*	*
Newborn affected by complications of placenta, cord, and membranes (762)	.4	.5	.3	.4	.3	.9	.7	1.1	.9
Placenta previa (762.0)	.0	.0	*	.0	*	*	*	*	*
Other forms of placental separation and hemorrhage (762.1)	.2	.2	.1	.2	.1	.5	.3	.5	.4
Other and unspecified morphological and functional abnormalities of placenta (762.2)	.0	*	*	*	*	*	*	*	*
Placental transfusion syndromes (762.3)	.0	*	*	*	*	*	*	*	*
Prolapsed cord (762.4)	.0	.0	*	*	*	*	*	*	*
Other compression of umbilical cord (762.5)	*	*	*	*	*	*	*	*	*
Other and unspecified conditions of umbilical cord (762.6)	*	*	*	*	*	*	*	*	*
Chorioamnionitis (762.7)	.1	.2	.1	.1	.1	.3	.3	.4	.4
Other abnormalities of chorion and amnion (762.8)	*	*	*	*	*	*	*	*	*
Unspecified abnormality of chorion and amnion (762.9)	*	*	*	*	*	*	*	*	*
Newborn affected by other complications of labor and delivery (763)	.0	.0	.0	.0	.0	*	*	*	*
Breech delivery and extraction (763.0)	.0	*	*	*	*	*	*	*	*
Other malpresentation, malposition, and disproportion during labor and delivery (763.1)	*	*	*	*	*	*	*	*	*
Forceps delivery (763.2)	*	*	*	*	*	*	*	*	*
Delivery by vacuum extractor (763.3)	*	*	*	*	*	*	*	*	*
Cesarean delivery (763.4)	*	*	*	*	*	*	*	*	*
Maternal anesthesia and analgesia (763.5)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Newborn affected by other complications of labor and delivery-Con.									
Precipitate delivery (763.6)	13	12	1	9	1	3	-	3	-
Abnormal uterine contractions (763.7)	2	2	-	2	-	-	-	-	-
Other complications of labor and delivery (763.8)	27	17	10	11	9	6	1	5	1
Unspecified (763.9)	2	1	1	1	1	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	30	15	15	8	11	7	4	7	4
"Light-for-dates" without mention of fetal malnutrition (764.0)	7	4	3	3	1	1	2	1	2
"Light-for-dates" with signs of fetal malnutrition (764.1)	-	-	-	-	-	-	-	-	-
Fetal malnutrition without mention of "light-for-dates" (764.2)	1	1	-	-	-	1	-	1	-
Fetal growth retardation, unspecified (764.9)	22	10	12	5	10	5	2	5	2
Disorders relating to short gestation and unspecified low birthweight (765)	4,021	2,257	1,764	1,140	871	1,117	893	1,064	849
Extreme immaturity (765.0)	2,961	1,644	1,317	810	634	834	683	793	651
Other preterm infants (765.1)	1,060	613	447	330	237	283	210	271	198
Disorders relating to long gestation and high birthweight (766)	1	-	1	-	-	-	1	-	1
Exceptionally large baby (766.0)	-	-	-	-	-	-	-	-	-
Other "heavy-for-dates" infants (766.1)	-	-	-	-	-	-	-	-	-
Post-term infant, not "heavy-for-dates" (766.2)	1	-	1	-	-	-	1	-	1
Birth trauma (767)	214	135	79	100	59	35	20	35	17
Subdural and cerebral hemorrhage (767.0)	200	127	73	94	54	33	19	33	16
Injuries to scalp (767.1)	-	-	-	-	-	-	-	-	-
Fracture of clavicle (767.2)	-	-	-	-	-	-	-	-	-
Other injuries to skeleton (767.3)	1	-	1	-	1	-	-	-	-
Injury to spine and spinal cord (767.4)	1	1	-	1	-	-	-	-	-
Facial nerve injury (767.5)	-	-	-	-	-	-	-	-	-
Injury to brachial plexus (767.6)	-	-	-	-	-	-	-	-	-
Other cranial and peripheral nerve injuries (767.7)	-	-	-	-	-	-	-	-	-
Other (767.8)	9	4	5	3	4	1	1	1	1
Unspecified (767.9)	3	3	-	2	-	1	-	1	-
Intrauterine hypoxia and birth asphyxia (768)	799	435	364	286	251	149	113	136	100
Fetal distress before onset of labor, in liveborn infant (768.2)	-	-	-	-	-	-	-	-	-
Fetal distress first noted during labor, in liveborn infant (768.3)	4	1	3	-	3	1	-	1	-
Fetal distress, unspecified, in liveborn infant (768.4)	235	110	125	78	93	32	32	28	27
Severe birth asphyxia (768.5)	79	44	35	26	23	18	12	17	10
Mild or moderate birth asphyxia (768.6)	-	-	-	-	-	-	-	-	-
Unspecified birth asphyxia in liveborn infant (768.9)	481	280	201	182	132	98	69	90	63
Respiratory distress syndrome (769)	2,858	1,741	1,117	1,101	701	640	416	595	393
Other respiratory conditions of newborn (770)	3,048	1,761	1,287	1,080	738	681	549	636	515
Congenital pneumonia (770.0)	37	23	14	16	7	7	7	6	7
Massive aspiration syndrome (770.1)	141	72	69	46	41	26	28	23	25
Interstitial emphysema and related conditions (770.2)	266	163	103	109	71	54	32	51	30
Pulmonary hemorrhage (770.3)	120	76	44	51	20	25	24	24	23
Primary atelectasis (770.4)	459	257	202	185	118	72	84	70	76
Other and unspecified atelectasis (770.5)	39	20	19	11	12	9	7	9	7
Transitory tachypnea of newborn (770.6)	-	-	-	-	-	-	-	-	-
Chronic respiratory disease arising in the perinatal period (770.7)	675	415	260	234	139	181	121	169	115
Other respiratory problems after birth (770.8)	1,311	735	576	428	330	307	246	284	232
Unspecified (770.9)	-	-	-	-	-	-	-	-	-
Infections specific to the perinatal period (771)	890	482	408	329	249	153	159	142	154
Congenital rubella (771.0)	3	2	1	1	1	1	-	-	-
Congenital cytomegalovirus infection (771.1)	32	20	12	14	8	6	4	6	4
Other congenital infections (771.2)	26	13	13	10	7	3	6	2	5
Tetanus neonatorum (771.3)	-	-	-	-	-	-	-	-	-
Omphalitis of newborn (771.4)	5	3	2	2	2	1	-	1	-
Neonatal infective mastitis (771.5)	-	-	-	-	-	-	-	-	-
Neonatal conjunctivitis and dacryocystitis (771.6)	-	-	-	-	-	-	-	-	-
Neonatal Candida infection (771.7)	25	21	4	16	2	5	2	4	2
Other infection specific to the perinatal period (771.8)	799	423	376	286	229	137	147	129	143
Neonatal hemorrhage (772)	308	179	129	110	79	69	50	65	46
Fetal blood loss (772.0)	20	10	10	6	7	4	3	4	3
Intraventricular hemorrhage (772.1)	241	139	102	84	60	55	42	51	38
Subarachnoid hemorrhage (772.2)	7	4	3	2	1	2	2	2	2
Umbilical hemorrhage after birth (772.3)	3	2	1	1	1	1	-	1	-
Gastrointestinal hemorrhage (772.4)	5	4	1	3	1	1	-	1	-
Adrenal hemorrhage (772.5)	2	2	-	2	-	-	-	-	-
Cutaneous hemorrhage (772.6)	2	1	1	1	1	-	-	-	-
Other (772.8)	7	4	3	3	2	1	1	1	1
Unspecified (772.9)	21	13	8	8	6	5	2	5	2
Hemolytic disease of newborn, due to isoimmunization (773)	33	14	19	11	12	3	7	3	6
Hemolytic disease due to Rh isoimmunization (773.0)	15	9	6	7	4	2	2	2	2
Hemolytic disease due to ABO isoimmunization (773.1)	-	-	-	-	-	-	-	-	-
Hemolytic disease due to other and unspecified isoimmunization (773.2)	14	5	9	4	6	1	3	1	3
Hydrops fetalis due to isoimmunization (773.3)	4	-	4	-	2	-	2	-	1
Kernicterus due to isoimmunization (773.4)	-	-	-	-	-	-	-	-	-
Late anemia due to isoimmunization (773.5)	-	-	-	-	-	-	-	-	-
Other perinatal jaundice (774)	13	5	8	3	3	2	5	2	5
Perinatal jaundice from other excessive hemolysis (774.1)	-	-	-	-	-	-	-	-	-
Neonatal jaundice associated with preterm delivery (774.2)	-	-	-	-	-	-	-	-	-
Neonatal jaundice due to delayed conjugation from other causes (774.3)	-	-	-	-	-	-	-	-	-
Perinatal jaundice due to hepatocellular damage (774.4)	10	4	6	3	2	1	4	1	4
Perinatal jaundice from other causes (774.5)	-	-	-	-	-	-	-	-	-
Unspecified fetal and neonatal jaundice (774.6)	2	-	2	-	1	-	1	-	1
Kernicterus not due to isoimmunization (774.7)	1	1	-	-	-	1	-	1	-
Endocrine and metabolic disturbances specific to the newborn (775)	19	12	7	11	6	1	1	1	1
Syndrome of "infant of a diabetic mother" (775.0)	10	6	4	5	4	1	-	1	-
Neonatal diabetes mellitus (775.1)	3	2	1	2	1	-	-	-	-
Neonatal myasthenia gravis (775.2)	-	-	-	-	-	-	-	-	-
Neonatal thyrotoxicosis (775.3)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Newborn affected by other complications of labor and delivery-Con.									
Precipitate delivery (763.6)	*	*	*	*	*	*	*	*	*
Abnormal uterine contractions (763.7)	*	*	*	*	*	*	*	*	*
Other complications of labor and delivery (763.8)	0.0	*	*	*	*	*	*	*	*
Unspecified (763.9)	*	*	*	*	*	*	*	*	*
Slow fetal growth and fetal malnutrition (764)	.0	*	*	*	*	*	*	*	*
"Light-for-dates" without mention of fetal malnutrition (764.0)	*	*	*	*	*	*	*	*	*
"Light-for-dates" with signs of fetal malnutrition (764.1)	*	*	*	*	*	*	*	*	*
Fetal malnutrition without mention of "light-for-dates" (764.2)	*	*	*	*	*	*	*	*	*
Fetal growth retardation, unspecified (764.9)	.0	*	*	*	*	*	*	*	*
Disorders relating to short gestation and unspecified low birthweight (765)	1.6	1.9	1.4	1.1	0.8	5.8	4.3	7.4	5.3
Extreme immaturity (765.0)	1.2	1.4	1.0	.8	.6	4.4	3.3	5.5	4.1
Other preterm infants (765.1)	.4	.5	.4	.3	.2	1.5	1.0	1.9	1.2
Disorders relating to long gestation and high birthweight (766)	*	*	*	*	*	*	*	*	*
Exceptionally large baby (766.0)	*	*	*	*	*	*	*	*	*
Other "heavy-for-dates" infants (766.1)	*	*	*	*	*	*	*	*	*
Post-term infant, not "heavy-for-dates" (766.2)	*	*	*	*	*	*	*	*	*
Birth trauma (767)	.1	.1	.1	.1	.1	.2	.1	.2	*
Subdural and cerebral hemorrhage (767.0)	.1	.1	.1	.1	.1	.2	*	.2	*
Injuries to scalp (767.1)	*	*	*	*	*	*	*	*	*
Fracture of clavicle (767.2)	*	*	*	*	*	*	*	*	*
Other injuries to skeleton (767.3)	*	*	*	*	*	*	*	*	*
Injury to spine and spinal cord (767.4)	*	*	*	*	*	*	*	*	*
Facial nerve injury (767.5)	*	*	*	*	*	*	*	*	*
Injury to brachial plexus (767.6)	*	*	*	*	*	*	*	*	*
Other cranial and peripheral nerve injuries (767.7)	*	*	*	*	*	*	*	*	*
Other (767.8)	*	*	*	*	*	*	*	*	*
Unspecified (767.9)	*	*	*	*	*	*	*	*	*
Intrauterine hypoxia and birth asphyxia (768)	.3	.4	.3	.3	.2	.8	.5	.9	.6
Fetal distress before onset of labor, in liveborn infant (768.2)	*	*	*	*	*	*	*	*	*
Fetal distress first noted during labor, in liveborn infant (768.3)	*	*	*	*	*	*	*	*	*
Fetal distress, unspecified, in liveborn infant (768.4)	.1	.1	.1	.1	.1	.2	.2	.2	.2
Severe birth asphyxia (768.5)	.0	.0	.0	.0	.0	*	*	*	*
Mild or moderate birth asphyxia (768.6)	*	*	*	*	*	*	*	*	*
Unspecified birth asphyxia in liveborn infant (768.9)	.2	.2	.2	.2	.1	.5	.3	.6	.4
Respiratory distress syndrome (769)	1.1	1.4	.9	1.1	.7	3.4	2.0	4.1	2.4
Other respiratory conditions of newborn (770)	1.2	1.5	1.0	1.1	.7	3.6	2.6	4.4	3.2
Congenital pneumonia (770.0)	.0	.0	*	*	*	*	*	*	*
Massive aspiration syndrome (770.1)	.1	.1	.1	.0	.0	.1	.1	.2	.2
Interstitial emphysema and related conditions (770.2)	.1	.1	.1	.1	.1	.3	.2	.4	.2
Pulmonary hemorrhage (770.3)	.0	.1	.0	.0	.0	.1	.1	.2	.1
Primary atelectasis (770.4)	.2	.2	.2	.2	.1	.4	.4	.5	.5
Other and unspecified atelectasis (770.5)	.0	.0	*	*	*	*	*	*	*
Transitory tachypnea of newborn (770.6)	*	*	*	*	*	*	*	*	*
Chronic respiratory disease arising in the perinatal period (770.7)	.3	.3	.2	.2	.1	.9	.6	1.2	.7
Other respiratory problems after birth (770.8)	.5	.6	.5	.4	.3	1.6	1.2	2.0	1.4
Unspecified (770.9)	*	*	*	*	*	*	*	*	*
Infections specific to the perinatal period (771)	.4	.4	.3	.3	.2	.8	.8	1.0	1.0
Congenital rubella (771.0)	*	*	*	*	*	*	*	*	*
Congenital cytomegalovirus infection (771.1)	.0	.0	*	*	*	*	*	*	*
Other congenital infections (771.2)	.0	*	*	*	*	*	*	*	*
Tetanus neonatorum (771.3)	*	*	*	*	*	*	*	*	*
Omphalitis of newborn (771.4)	*	*	*	*	*	*	*	*	*
Neonatal infective mastitis (771.5)	*	*	*	*	*	*	*	*	*
Neonatal conjunctivitis and dacryocystitis (771.6)	*	*	*	*	*	*	*	*	*
Neonatal Candida infection (771.7)	.0	.0	*	*	*	*	*	*	*
Other infection specific to the perinatal period (771.8)	.3	.3	.3	.3	.2	.7	.7	.9	.9
Neonatal hemorrhage (772)	.1	.1	.1	.1	.1	.4	.2	.5	.3
Fetal blood loss (772.0)	.0	*	*	*	*	*	*	*	*
Intraventricular hemorrhage (772.1)	.1	.1	.1	.1	.1	.3	.2	.4	.2
Subarachnoid hemorrhage (772.2)	*	*	*	*	*	*	*	*	*
Umbilical hemorrhage after birth (772.3)	*	*	*	*	*	*	*	*	*
Gastrointestinal hemorrhage (772.4)	*	*	*	*	*	*	*	*	*
Adrenal hemorrhage (772.5)	*	*	*	*	*	*	*	*	*
Cutaneous hemorrhage (772.6)	*	*	*	*	*	*	*	*	*
Other (772.8)	*	*	*	*	*	*	*	*	*
Unspecified (772.9)	.0	*	*	*	*	*	*	*	*
Hemolytic disease of newborn, due to isoimmunization (773)	.0	*	*	*	*	*	*	*	*
Hemolytic disease due to Rh isoimmunization (773.0)	*	*	*	*	*	*	*	*	*
Hemolytic disease due to ABO isoimmunization (773.1)	*	*	*	*	*	*	*	*	*
Hemolytic disease due to other and unspecified isoimmunization (773.2)	*	*	*	*	*	*	*	*	*
Hydrops fetalis due to isoimmunization (773.3)	*	*	*	*	*	*	*	*	*
Kernicterus due to isoimmunization (773.4)	*	*	*	*	*	*	*	*	*
Late anemia due to isoimmunization (773.5)	*	*	*	*	*	*	*	*	*
Other perinatal jaundice (774)	*	*	*	*	*	*	*	*	*
Perinatal jaundice from other excessive hemolysis (774.1)	*	*	*	*	*	*	*	*	*
Neonatal jaundice associated with preterm delivery (774.2)	*	*	*	*	*	*	*	*	*
Neonatal jaundice due to delayed conjugation from other causes (774.3)	*	*	*	*	*	*	*	*	*
Perinatal jaundice due to hepatocellular damage (774.4)	*	*	*	*	*	*	*	*	*
Perinatal jaundice from other causes (774.5)	*	*	*	*	*	*	*	*	*
Unspecified fetal and neonatal jaundice (774.6)	*	*	*	*	*	*	*	*	*
Kernicterus not due to isoimmunization (774.7)	*	*	*	*	*	*	*	*	*
Endocrine and metabolic disturbances specific to the newborn (775)	*	*	*	*	*	*	*	*	*
Syndrome of "infant of a diabetic mother" (775.0)	*	*	*	*	*	*	*	*	*
Neonatal diabetes mellitus (775.1)	*	*	*	*	*	*	*	*	*
Neonatal myasthenia gravis (775.2)	*	*	*	*	*	*	*	*	*
Neonatal thyrotoxicosis (775.3)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Endocrine and metabolic disturbances specific to the newborn-Con.									
Hypocalcemia and hypomagnesemia of newborn (775.4)	–	–	–	–	–	–	–	–	–
Other transitory neonatal electrolyte disturbances (775.5)	2	1	1	1	1	–	–	–	–
Neonatal hypoglycemia (775.6)	1	1	–	1	–	–	–	–	–
Late metabolic acidosis of newborn (775.7)	3	2	1	2	–	–	1	–	1
Other transitory neonatal endocrine and metabolic disturbances (775.8)	–	–	–	–	–	–	–	–	–
Unspecified (775.9)	–	–	–	–	–	–	–	–	–
Hematological disorders of newborn (776)	62	38	24	26	14	12	10	12	10
Hemorrhagic disease of newborn (776.0)	1	1	–	1	–	–	–	–	–
Transient neonatal thrombocytopenia (776.1)	2	1	1	–	–	1	1	1	1
Disseminated intravascular coagulation in newborn (776.2)	45	27	18	21	10	6	8	6	8
Other transient neonatal disorders of coagulation (776.3)	3	1	2	1	2	–	–	–	–
Polycythemia neonatorum (776.4)	–	–	–	–	–	–	–	–	–
Congenital anemia (776.5)	5	4	1	2	–	2	1	2	1
Anemia of prematurity (776.6)	6	4	2	1	2	3	–	3	–
Transient neonatal neutropenia (776.7)	–	–	–	–	–	–	–	–	–
Other specified transient hematological disorders (776.8)	–	–	–	–	–	–	–	–	–
Unspecified (776.9)	–	–	–	–	–	–	–	–	–
Perinatal disorders of digestive system (777)	474	270	204	132	103	138	101	132	98
Meconium obstruction (777.1)	6	2	4	2	3	–	1	–	1
Intestinal obstruction due to inspissated milk (777.2)	–	–	–	–	–	–	–	–	–
Hematemesis and melena due to swallowed maternal blood (777.3)	–	–	–	–	–	–	–	–	–
Transitory ileus of newborn (777.4)	–	–	–	–	–	–	–	–	–
Necrotizing enterocolitis in fetus or newborn (777.5)	428	245	183	114	87	131	96	125	95
Perinatal intestinal perforation (777.6)	36	21	15	14	11	7	4	7	2
Other (777.8)	4	2	2	2	2	–	–	–	–
Unspecified (777.9)	–	–	–	–	–	–	–	–	–
Conditions involving the integument and temperature regulation of newborn (778)	164	85	79	71	62	14	17	12	13
Hydrops fetalis not due to isoimmunization (778.0)	156	80	76	69	60	11	16	9	12
Sclerema neonatorum (778.1)	–	–	–	–	–	–	–	–	–
Cold injury syndrome of newborn (778.2)	–	–	–	–	–	–	–	–	–
Other hypothermia of newborn (778.3)	5	4	1	1	–	3	1	3	1
Other disturbances of temperature regulation of newborn (778.4)	–	–	–	–	–	–	–	–	–
Other and unspecified edema of newborn (778.5)	1	–	1	–	1	–	–	–	–
Congenital hydrocele (778.6)	–	–	. . .	–	. . .	–	. . .	–	. . .
Breast engorgement in newborn (778.7)	–	–	–	–	–	–	–	–	–
Other (778.8)	1	1	–	1	–	–	–	–	–
Unspecified (778.9)	1	–	1	–	1	–	–	–	–
Other and ill-defined conditions originating in the perinatal period (779)	1,795	997	798	577	472	420	326	403	305
Convulsions in newborn (779.0)	13	9	4	7	3	2	1	2	1
Other and unspecified cerebral irritability in newborn (779.1)	–	–	–	–	–	–	–	–	–
Cerebral depression, coma, and other abnormal cerebral signs (779.2)	3	1	2	1	2	–	–	–	–
Feeding problems in newborn (779.3)	1	1	–	–	–	1	–	1	–
Drug reactions and intoxications specific to newborn (779.4)	2	1	1	1	–	–	1	–	1
Drug withdrawal syndrome in newborn (779.5)	1	–	1	–	–	–	1	–	1
Termination of pregnancy (779.6)	41	22	19	13	14	9	5	9	4
Other (779.8)	1,720	954	766	552	449	402	317	385	297
Unspecified (779.9)	14	9	5	3	4	6	1	6	1
XVI. Symptoms, signs, and ill-defined conditions (780-799)									
Symptoms (780-789)	2,015	1,008	1,007	732	776	276	231	254	210
General symptoms (780)	765	450	315	293	214	157	101	145	92
Coma and stupor (780.0)	20	8	12	4	11	4	1	4	1
Hallucinations (780.1)	–	–	–	–	–	–	–	–	–
Syncope and collapse (780.2)	15	9	6	9	5	–	1	–	1
Convulsions (780.3)	684	412	272	266	178	146	94	134	86
Dizziness and giddiness (780.4)	–	–	–	–	–	–	–	–	–
Sleep disturbances (780.5)	1	1	–	–	–	1	–	1	–
Pyrexia of unknown origin (780.6)	35	19	16	13	11	6	5	6	4
Malaise and fatigue (780.7)	8	–	8	–	8	–	–	–	–
Hyperhidrosis (780.8)	–	–	–	–	–	–	–	–	–
Other (780.9)	2	1	1	1	1	–	–	–	–
Symptoms involving nervous and musculoskeletal systems (781)	23	6	17	5	13	1	4	1	3
Abnormal involuntary movements (781.0)	1	–	1	–	1	–	–	–	–
Disturbances of sensation of smell and taste (781.1)	–	–	–	–	–	–	–	–	–
Abnormality of gait (781.2)	1	–	1	–	1	–	–	–	–
Lack of coordination (781.3)	3	–	3	–	2	–	1	–	1
Transient paralysis of limb (781.4)	–	–	–	–	–	–	–	–	–
Clubbing of fingers (781.5)	–	–	–	–	–	–	–	–	–
Meningismus (781.6)	–	–	–	–	–	–	–	–	–
Tetany (781.7)	–	–	–	–	–	–	–	–	–
Other (781.9)	18	6	12	5	9	1	3	1	2
Symptoms involving skin and other integumentary tissue (782)	8	1	7	–	6	1	1	–	1
Disturbance of skin sensation (782.0)	–	–	–	–	–	–	–	–	–
Rash and other nonspecific skin eruption (782.1)	–	–	–	–	–	–	–	–	–
Localized superficial swelling, mass, or lump (782.2)	–	–	–	–	–	–	–	–	–
Edema (782.3)	2	–	2	–	1	–	1	–	1
Jaundice unspecified, not of newborn (782.4)	3	–	3	–	3	–	–	–	–
Cyanosis (782.5)	1	–	1	–	1	–	–	–	–
Pallor and flushing (782.6)	–	–	–	–	–	–	–	–	–
Spontaneous ecchymoses (782.7)	2	1	1	–	1	1	–	–	–
Changes in skin texture (782.8)	–	–	–	–	–	–	–	–	–
Other (782.9)	–	–	–	–	–	–	–	–	–
Symptoms concerning nutrition, metabolism, and development (783)	29	10	19	8	16	2	3	1	3
Anorexia (783.0)	12	3	9	3	9	–	–	–	–
Abnormal weight gain (783.1)	–	–	–	–	–	–	–	–	–
Abnormal loss of weight (783.2)	1	1	–	1	–	–	–	–	–
Feeding difficulties and mismanagement (783.3)	1	–	1	–	1	–	–	–	–
Lack of expected normal physiological development (783.4)	13	5	8	3	6	2	2	1	2

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Endocrine and metabolic disturbances specific to the newborn-Con.									
Hypocalcemia and hypomagnesemia of newborn (775.4)	*	*	*	*	*	*	*	*	*
Other transitory neonatal electrolyte disturbances (775.5)	*	*	*	*	*	*	*	*	*
Neonatal hypoglycemia (775.6)	*	*	*	*	*	*	*	*	*
Late metabolic acidosis of newborn (775.7)	*	*	*	*	*	*	*	*	*
Other transitory neonatal endocrine and metabolic disturbances (775.8)	*	*	*	*	*	*	*	*	*
Unspecified (775.9)	*	*	*	*	*	*	*	*	*
Hematological disorders of newborn (776)	0.0	0.0	0.0	0.0	*	*	*	*	*
Hemorrhagic disease of newborn (776.0)	*	*	*	*	*	*	*	*	*
Transient neonatal thrombocytopenia (776.1)	*	*	*	*	*	*	*	*	*
Disseminated intravascular coagulation in newborn (776.2)	.0	.0	*	.0	*	*	*	*	*
Other transient neonatal disorders of coagulation (776.3)	*	*	*	*	*	*	*	*	*
Polycythemia neonatorum (776.4)	*	*	*	*	*	*	*	*	*
Congenital anemia (776.5)	*	*	*	*	*	*	*	*	*
Anemia of prematurity (776.6)	*	*	*	*	*	*	*	*	*
Transient neonatal neutropenia (776.7)	*	*	*	*	*	*	*	*	*
Other specified transient hematological disorders (776.8)	*	*	*	*	*	*	*	*	*
Unspecified (776.9)	*	*	*	*	*	*	*	*	*
Perinatal disorders of digestive system (777)	.2	.2	.2	.1	0.1	0.7	0.5	0.9	0.6
Meconium obstruction (777.1)	*	*	*	*	*	*	*	*	*
Intestinal obstruction due to inspissated milk (777.2)	*	*	*	*	*	*	*	*	*
Hematemesis and melena due to swallowed maternal blood (777.3)	*	*	*	*	*	*	*	*	*
Transitory ileus of newborn (777.4)	*	*	*	*	*	*	*	*	*
Necrotizing enterocolitis in fetus or newborn (777.5)	.2	.2	.1	.1	.1	.7	.5	.9	.6
Perinatal intestinal perforation (777.6)	.0	.0	*	*	*	*	*	*	*
Other (777.8)	*	*	*	*	*	*	*	*	*
Unspecified (777.9)	*	*	*	*	*	*	*	*	*
Conditions involving the integument and temperature regulation of newborn (778)	.1	.1	.1	.1	.1	*	*	*	*
Hydrops fetalis not due to isoimmunization (778.0)	.1	.1	.1	.1	.1	*	*	*	*
Sclerema neonatorum (778.1)	*	*	*	*	*	*	*	*	*
Cold injury syndrome of newborn (778.2)	*	*	*	*	*	*	*	*	*
Other hypothermia of newborn (778.3)	*	*	*	*	*	*	*	*	*
Other disturbances of temperature regulation of newborn (778.4)	*	*	*	*	*	*	*	*	*
Other and unspecified edema of newborn (778.5)	*	*	*	*	*	*	*	*	*
Congenital hydrocele (778.6)	*	*	...	*	...	*	...	*	...
Breast engorgement in newborn (778.7)	*	*	*	*	*	*	*	*	*
Other (778.8)	*	*	*	*	*	*	*	*	*
Unspecified (778.9)	*	*	*	*	*	*	*	*	*
Other and ill-defined conditions originating in the perinatal period (779)	.7	.8	.6	.6	.4	2.2	1.6	2.8	1.9
Convulsions in newborn (779.0)	*	*	*	*	*	*	*	*	*
Other and unspecified cerebral irritability in newborn (779.1)	*	*	*	*	*	*	*	*	*
Cerebral depression, coma, and other abnormal cerebral signs (779.2)	*	*	*	*	*	*	*	*	*
Feeding problems in newborn (779.3)	*	*	*	*	*	*	*	*	*
Drug reactions and intoxications specific to newborn (779.4)	*	*	*	*	*	*	*	*	*
Drug withdrawal syndrome in newborn (779.5)	*	*	*	*	*	*	*	*	*
Termination of pregnancy (779.6)	.0	.0	*	*	*	*	*	*	*
Other (779.8)	.7	.8	.6	.5	.4	2.1	1.5	2.7	1.8
Unspecified (779.9)	*	*	*	*	*	*	*	*	*
XVI. Symptoms, signs, and ill-defined conditions (780-799)									
Symptoms (780-789)	.8	.8	.8	.7	.7	1.4	1.1	1.8	1.3
General symptoms (780)	.3	.4	.2	.3	.2	.8	.5	1.0	.6
Coma and stupor (780.0)	.0	*	*	*	*	*	*	*	*
Hallucinations (780.1)	*	*	*	*	*	*	*	*	*
Syncope and collapse (780.2)	*	*	*	*	*	*	*	*	*
Convulsions (780.3)	.3	.3	.2	.3	.2	.8	.4	.9	.5
Dizziness and giddiness (780.4)	*	*	*	*	*	*	*	*	*
Sleep disturbances (780.5)	*	*	*	*	*	*	*	*	*
Pyrexia of unknown origin (780.6)	.0	*	*	*	*	*	*	*	*
Malaise and fatigue (780.7)	*	*	*	*	*	*	*	*	*
Hyperhidrosis (780.8)	*	*	*	*	*	*	*	*	*
Other (780.9)	*	*	*	*	*	*	*	*	*
Symptoms involving nervous and musculoskeletal systems (781)	.0	*	*	*	*	*	*	*	*
Abnormal involuntary movements (781.0)	*	*	*	*	*	*	*	*	*
Disturbances of sensation of smell and taste (781.1)	*	*	*	*	*	*	*	*	*
Abnormality of gait (781.2)	*	*	*	*	*	*	*	*	*
Lack of coordination (781.3)	*	*	*	*	*	*	*	*	*
Transient paralysis of limb (781.4)	*	*	*	*	*	*	*	*	*
Clubbing of fingers (781.5)	*	*	*	*	*	*	*	*	*
Meningismus (781.6)	*	*	*	*	*	*	*	*	*
Tetany (781.7)	*	*	*	*	*	*	*	*	*
Other (781.9)	*	*	*	*	*	*	*	*	*
Symptoms involving skin and other integumentary tissue (782)	*	*	*	*	*	*	*	*	*
Disturbance of skin sensation (782.0)	*	*	*	*	*	*	*	*	*
Rash and other nonspecific skin eruption (782.1)	*	*	*	*	*	*	*	*	*
Localized superficial swelling, mass, or lump (782.2)	*	*	*	*	*	*	*	*	*
Edema (782.3)	*	*	*	*	*	*	*	*	*
Jaundice unspecified, not of newborn (782.4)	*	*	*	*	*	*	*	*	*
Cyanosis (782.5)	*	*	*	*	*	*	*	*	*
Pallor and flushing (782.6)	*	*	*	*	*	*	*	*	*
Spontaneous ecchymoses (782.7)	*	*	*	*	*	*	*	*	*
Changes in skin texture (782.8)	*	*	*	*	*	*	*	*	*
Other (782.9)	*	*	*	*	*	*	*	*	*
Symptoms concerning nutrition, metabolism, and development (783)	.0	*	*	*	*	*	*	*	*
Anorexia (783.0)	*	*	*	*	*	*	*	*	*
Abnormal weight gain (783.1)	*	*	*	*	*	*	*	*	*
Abnormal loss of weight (783.2)	*	*	*	*	*	*	*	*	*
Feeding difficulties and mismanagement (783.3)	*	*	*	*	*	*	*	*	*
Lack of expected normal physiological development (783.4)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Symptoms concerning nutrition, metabolism, and development-Con.									
Polydipsia (783.5)	-	-	-	-	-	-	-	-	-
Polyphagia (783.6)	-	-	-	-	-	-	-	-	-
Other (783.9)	2	1	1	1	-	-	1	-	1
Symptoms involving head and neck (784)	5	1	4	-	3	1	1	1	-
Headache (784.0)	1	-	1	-	-	-	1	-	-
Throat pain (784.1)	-	-	-	-	-	-	-	-	-
Swelling, mass, or lump in head and neck (784.2)	2	-	2	-	2	-	-	-	-
Aphasia (784.3)	-	-	-	-	-	-	-	-	-
Voice disturbance (784.4)	-	-	-	-	-	-	-	-	-
Other speech disturbance (784.5)	1	1	-	-	-	1	-	1	-
Other symbolic dysfunction (784.6)	-	-	-	-	-	-	-	-	-
Epistaxis (784.7)	1	-	1	-	1	-	-	-	-
Hemorrhage from throat (784.8)	-	-	-	-	-	-	-	-	-
Other (784.9)	-	-	-	-	-	-	-	-	-
Symptoms involving cardiovascular system (785)	951	426	525	335	425	91	100	85	95
Tachycardia, unspecified (785.0)	3	2	1	-	1	2	-	2	-
Palpitations (785.1)	1	1	-	-	-	1	-	-	-
Functional and undiagnosed cardiac murmurs (785.2)	1	-	1	-	1	-	-	-	-
Other abnormal heart sounds (785.3)	-	-	-	-	-	-	-	-	-
Gangrene (785.4)	69	17	52	13	36	4	16	4	16
Shock without mention of trauma (785.5)	873	405	468	322	385	83	83	78	78
Enlargement of lymph nodes (785.6)	4	1	3	-	2	1	1	1	1
Other (785.9)	-	-	-	-	-	-	-	-	-
Symptoms involving respiratory system and other chest symptoms (786)	148	89	59	72	50	17	9	15	6
Dyspnea and respiratory abnormalities (786.0)	90	48	42	41	36	7	6	5	4
Stridor (786.1)	-	-	-	-	-	-	-	-	-
Cough (786.2)	-	-	-	-	-	-	-	-	-
Hemoptysis (786.3)	55	39	16	29	13	10	3	10	2
Abnormal sputum (786.4)	-	-	-	-	-	-	-	-	-
Chest pain (786.5)	3	2	1	2	1	-	-	-	-
Swelling, mass, or lump in chest (786.6)	-	-	-	-	-	-	-	-	-
Abnormal chest sounds (786.7)	-	-	-	-	-	-	-	-	-
Hiccough (786.8)	-	-	-	-	-	-	-	-	-
Other (786.9)	-	-	-	-	-	-	-	-	-
Symptoms involving digestive system (787)	9	5	4	5	4	-	-	-	-
Nausea and vomiting (787.0)	3	3	-	3	-	-	-	-	-
Heartburn (787.1)	-	-	-	-	-	-	-	-	-
Dysphagia (787.2)	5	2	3	2	3	-	-	-	-
Flatulence, eructation, and gas pain (787.3)	1	-	1	-	1	-	-	-	-
Visible peristalsis (787.4)	-	-	-	-	-	-	-	-	-
Abnormal bowel sounds (787.5)	-	-	-	-	-	-	-	-	-
Incontinence of feces (787.6)	-	-	-	-	-	-	-	-	-
Abnormal feces (787.7)	-	-	-	-	-	-	-	-	-
Other (787.9)	-	-	-	-	-	-	-	-	-
Symptoms involving urinary system (788)	2	-	2	-	1	-	1	-	1
Renal colic (788.0)	-	-	-	-	-	-	-	-	-
Dysuria (788.1)	-	-	-	-	-	-	-	-	-
Retention of urine (788.2)	-	-	-	-	-	-	-	-	-
Incontinence of urine (788.3)	2	-	2	-	1	-	1	-	1
Frequency of urination and polyuria (788.4)	-	-	-	-	-	-	-	-	-
Oliguria and anuria (788.5)	-	-	-	-	-	-	-	-	-
Other abnormality of urination (788.6)	-	-	-	-	-	-	-	-	-
Urethral discharge (788.7)	-	-	-	-	-	-	-	-	-
Extravasation of urine (788.8)	-	-	-	-	-	-	-	-	-
Other (788.9)	-	-	-	-	-	-	-	-	-
Other symptoms involving abdomen and pelvis (789)	75	20	55	14	44	6	11	6	9
Abdominal pain (789.0)	39	11	28	7	23	4	5	4	4
Hepatomegaly (789.1)	1	1	-	1	-	-	-	-	-
Splenomegaly (789.2)	-	-	-	-	-	-	-	-	-
Abdominal or pelvic swelling, mass, or lump (789.3)	9	2	7	-	4	2	3	2	3
Abdominal rigidity (789.4)	-	-	-	-	-	-	-	-	-
Ascites (789.5)	10	-	10	-	8	-	2	-	1
Other (789.9)	16	6	10	6	9	-	1	-	1
Nonspecific abnormal findings (790-796)	49	31	18	22	16	9	2	6	2
Nonspecific findings on examination of blood (790)	39	26	13	19	11	7	2	4	2
Abnormality of red blood cells (790.0)	-	-	-	-	-	-	-	-	-
Elevated sedimentation rate (790.1)	-	-	-	-	-	-	-	-	-
Abnormal glucose tolerance test (790.2)	-	-	-	-	-	-	-	-	-
Excessive blood level of alcohol (790.3)	15	15	-	11	-	4	-	1	-
Nonspecific elevation of levels of transaminase or lactic acid dehydrogenase (790.4)	-	-	-	-	-	-	-	-	-
Other nonspecific abnormal serum enzyme levels (790.5)	-	-	-	-	-	-	-	-	-
Other abnormal blood chemistry (790.6)	2	2	-	1	-	1	-	1	-
Bacteremia, unspecified (790.7)	17	7	10	5	8	2	2	2	2
Viremia, unspecified (790.8)	5	2	3	2	3	-	-	-	-
Other (790.9)	-	-	-	-	-	-	-	-	-
Nonspecific findings on examination of urine (791)	4	2	2	2	2	-	-	-	-
Proteinuria (791.0)	-	-	-	-	-	-	-	-	-
Chyluria (791.1)	-	-	-	-	-	-	-	-	-
Hemoglobinuria (791.2)	-	-	-	-	-	-	-	-	-
Myoglobinuria (791.3)	-	-	-	-	-	-	-	-	-
Biliuria (791.4)	-	-	-	-	-	-	-	-	-
Glycosuria (791.5)	-	-	-	-	-	-	-	-	-
Acetonuria (791.6)	-	-	-	-	-	-	-	-	-
Other cells and casts in urine (791.7)	-	-	-	-	-	-	-	-	-
Other (791.9)	4	2	2	2	2	-	-	-	-
Nonspecific abnormal findings in other body substances (792)	-	-	-	-	-	-	-	-	-
Cerebrospinal fluid (792.0)	-	-	-	-	-	-	-	-	-
Stool contents (792.1)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Symptoms concerning nutrition, metabolism, and development-Con.									
Polydipsia (783.5)	*	*	*	*	*	*	*	*	*
Polyphagia (783.6)	*	*	*	*	*	*	*	*	*
Other (783.9)	*	*	*	*	*	*	*	*	*
Symptoms involving head and neck (784)	*	*	*	*	*	*	*	*	*
Headache (784.0)	*	*	*	*	*	*	*	*	*
Throat pain (784.1)	*	*	*	*	*	*	*	*	*
Swelling, mass, or lump in head and neck (784.2)	*	*	*	*	*	*	*	*	*
Aphasia (784.3)	*	*	*	*	*	*	*	*	*
Voice disturbance (784.4)	*	*	*	*	*	*	*	*	*
Other speech disturbance (784.5)	*	*	*	*	*	*	*	*	*
Other symbolic dysfunction (784.6)	*	*	*	*	*	*	*	*	*
Epistaxis (784.7)	*	*	*	*	*	*	*	*	*
Hemorrhage from throat (784.8)	*	*	*	*	*	*	*	*	*
Other (784.9)	*	*	*	*	*	*	*	*	*
Symptoms involving cardiovascular system (785)	0.4	0.4	0.4	0.3	0.4	0.5	0.5	0.6	0.6
Tachycardia, unspecified (785.0)	*	*	*	*	*	*	*	*	*
Palpitations (785.1)	*	*	*	*	*	*	*	*	*
Functional and undiagnosed cardiac murmurs (785.2)	*	*	*	*	*	*	*	*	*
Other abnormal heart sounds (785.3)	*	*	*	*	*	*	*	*	*
Gangrene (785.4)	.0	*	.0	*	.0	*	*	*	*
Shock without mention of trauma (785.5)	.4	.3	.4	.3	.4	.4	.4	.5	.5
Enlargement of lymph nodes (785.6)	*	*	*	*	*	*	*	*	*
Other (785.9)	*	*	*	*	*	*	*	*	*
Symptoms involving respiratory system and other chest symptoms (786)	.1	.1	.0	.1	.0	*	*	*	*
Dyspnea and respiratory abnormalities (786.0)	.0	.0	.0	.0	.0	*	*	*	*
Stridor (786.1)	*	*	*	*	*	*	*	*	*
Cough (786.2)	*	*	*	*	*	*	*	*	*
Hemoptysis (786.3)	.0	.0	*	.0	*	*	*	*	*
Abnormal sputum (786.4)	*	*	*	*	*	*	*	*	*
Chest pain (786.5)	*	*	*	*	*	*	*	*	*
Swelling, mass, or lump in chest (786.6)	*	*	*	*	*	*	*	*	*
Abnormal chest sounds (786.7)	*	*	*	*	*	*	*	*	*
Hiccough (786.8)	*	*	*	*	*	*	*	*	*
Other (786.9)	*	*	*	*	*	*	*	*	*
Symptoms involving digestive system (787)	*	*	*	*	*	*	*	*	*
Nausea and vomiting (787.0)	*	*	*	*	*	*	*	*	*
Heartburn (787.1)	*	*	*	*	*	*	*	*	*
Dysphagia (787.2)	*	*	*	*	*	*	*	*	*
Flatulence, eructation, and gas pain (787.3)	*	*	*	*	*	*	*	*	*
Visible peristalsis (787.4)	*	*	*	*	*	*	*	*	*
Abnormal bowel sounds (787.5)	*	*	*	*	*	*	*	*	*
Incontinence of feces (787.6)	*	*	*	*	*	*	*	*	*
Abnormal feces (787.7)	*	*	*	*	*	*	*	*	*
Other (787.9)	*	*	*	*	*	*	*	*	*
Symptoms involving urinary system (788)	*	*	*	*	*	*	*	*	*
Renal colic (788.0)	*	*	*	*	*	*	*	*	*
Dysuria (788.1)	*	*	*	*	*	*	*	*	*
Retention of urine (788.2)	*	*	*	*	*	*	*	*	*
Incontinence of urine (788.3)	*	*	*	*	*	*	*	*	*
Frequency of urination and polyuria (788.4)	*	*	*	*	*	*	*	*	*
Oliguria and anuria (788.5)	*	*	*	*	*	*	*	*	*
Other abnormality of urination (788.6)	*	*	*	*	*	*	*	*	*
Urethral discharge (788.7)	*	*	*	*	*	*	*	*	*
Extravasation of urine (788.8)	*	*	*	*	*	*	*	*	*
Other (788.9)	*	*	*	*	*	*	*	*	*
Other symptoms involving abdomen and pelvis (789)	.0	.0	.0	*	.0	*	*	*	*
Abdominal pain (789.0)	.0	*	.0	*	.0	*	*	*	*
Hepatomegaly (789.1)	*	*	*	*	*	*	*	*	*
Splenomegaly (789.2)	*	*	*	*	*	*	*	*	*
Abdominal or pelvic swelling, mass, or lump (789.3)	*	*	*	*	*	*	*	*	*
Abdominal rigidity (789.4)	*	*	*	*	*	*	*	*	*
Ascites (789.5)	*	*	*	*	*	*	*	*	*
Other (789.9)	*	*	*	*	*	*	*	*	*
Nonspecific abnormal findings (790-796)	.0	.0	*	.0	*	*	*	*	*
Nonspecific findings on examination of blood (790)	.0	.0	*	*	*	*	*	*	*
Abnormality of red blood cells (790.0)	*	*	*	*	*	*	*	*	*
Elevated sedimentation rate (790.1)	*	*	*	*	*	*	*	*	*
Abnormal glucose tolerance test (790.2)	*	*	*	*	*	*	*	*	*
Excessive blood level of alcohol (790.3)	*	*	*	*	*	*	*	*	*
Nonspecific elevation of levels of transaminase or lactic acid dehydrogenase (790.4)	*	*	*	*	*	*	*	*	*
Other nonspecific abnormal serum enzyme levels (790.5)	*	*	*	*	*	*	*	*	*
Other abnormal blood chemistry (790.6)	*	*	*	*	*	*	*	*	*
Bacteremia, unspecified (790.7)	*	*	*	*	*	*	*	*	*
Viremia, unspecified (790.8)	*	*	*	*	*	*	*	*	*
Other (790.9)	*	*	*	*	*	*	*	*	*
Nonspecific findings on examination of urine (791)	*	*	*	*	*	*	*	*	*
Proteinuria (791.0)	*	*	*	*	*	*	*	*	*
Chyluria (791.1)	*	*	*	*	*	*	*	*	*
Hemoglobinuria (791.2)	*	*	*	*	*	*	*	*	*
Myoglobinuria (791.3)	*	*	*	*	*	*	*	*	*
Biliuria (791.4)	*	*	*	*	*	*	*	*	*
Glycosuria (791.5)	*	*	*	*	*	*	*	*	*
Acetonuria (791.6)	*	*	*	*	*	*	*	*	*
Other cells and casts in urine (791.7)	*	*	*	*	*	*	*	*	*
Other (791.9)	*	*	*	*	*	*	*	*	*
Nonspecific abnormal findings in other body substances (792)	*	*	*	*	*	*	*	*	*
Cerebrospinal fluid (792.0)	*	*	*	*	*	*	*	*	*
Stool contents (792.1)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Nonspecific abnormal findings in other body substances-Con.									
Semen (792.2)	–	–	...	–	...	–	...	–	...
Amniotic fluid (792.3)	–	...	–	...	–	...	–	...	–
Saliva (792.4)	–	–	–	–	–	–	–	–	–
Other (792.9)	–	–	–	–	–	–	–	–	–
Nonspecific abnormal findings on radiological and other examination of body structure (793)	–	–	–	–	–	–	–	–	–
Skull and head (793.0)	–	–	–	–	–	–	–	–	–
Lung field (793.1)	–	–	–	–	–	–	–	–	–
Other intrathoracic organ (793.2)	–	–	–	–	–	–	–	–	–
Biliary tract (793.3)	–	–	–	–	–	–	–	–	–
Gastrointestinal tract (793.4)	–	–	–	–	–	–	–	–	–
Genitourinary organs (793.5)	–	–	–	–	–	–	–	–	–
Abdominal area, including retroperitoneum (793.6)	–	–	–	–	–	–	–	–	–
Musculoskeletal system (793.7)	–	–	–	–	–	–	–	–	–
Breast (793.8)	–	–	–	–	–	–	–	–	–
Other (793.9)	–	–	–	–	–	–	–	–	–
Nonspecific abnormal results of function studies (794)	–	–	–	–	–	–	–	–	–
Brain and central nervous system (794.0)	–	–	–	–	–	–	–	–	–
Peripheral nervous system and special senses (794.1)	–	–	–	–	–	–	–	–	–
Pulmonary (794.2)	–	–	–	–	–	–	–	–	–
Cardiovascular (794.3)	–	–	–	–	–	–	–	–	–
Kidney (794.4)	–	–	–	–	–	–	–	–	–
Thyroid (794.5)	–	–	–	–	–	–	–	–	–
Other endocrine function study (794.6)	–	–	–	–	–	–	–	–	–
Basal metabolism (794.7)	–	–	–	–	–	–	–	–	–
Liver (794.8)	–	–	–	–	–	–	–	–	–
Other (794.9)	–	–	–	–	–	–	–	–	–
Nonspecific abnormal histological and immunological findings (795)	5	2	3	1	3	1	–	1	–
Nonspecific abnormal Papanicolaou smear of cervix (795.0)	1	...	1	...	1	...	–	...	–
Nonspecific abnormal Papanicolaou smear of other origin (795.1)	4	2	2	1	2	1	–	1	–
Nonspecific abnormal findings on chromosomal analysis (795.2)	–	–	–	–	–	–	–	–	–
Nonspecific positive culture findings (795.3)	–	–	–	–	–	–	–	–	–
Other nonspecific abnormal histological findings (795.4)	–	–	–	–	–	–	–	–	–
Nonspecific reaction to tuberculin test (795.5)	–	–	–	–	–	–	–	–	–
False positive serological test for syphilis (795.6)	–	–	–	–	–	–	–	–	–
Other nonspecific immunological findings (795.7)	–	–	–	–	–	–	–	–	–
Other nonspecific abnormal findings (796)	1	1	–	–	–	1	–	1	–
Nonspecific abnormal toxicological findings (796.0)	–	–	–	–	–	–	–	–	–
Abnormal reflex (796.1)	1	1	–	–	–	1	–	1	–
Elevated blood pressure reading without diagnosis of hypertension (796.2)	–	–	–	–	–	–	–	–	–
Nonspecific low blood pressure reading (796.3)	–	–	–	–	–	–	–	–	–
Other abnormal clinical findings (796.4)	–	–	–	–	–	–	–	–	–
Other (796.9)	–	–	–	–	–	–	–	–	–
Ill-defined and unknown causes of mortality (797-799)	22,073	12,494	9,579	9,197	7,315	3,297	2,264	2,955	2,078
Senility without mention of psychosis (797)	1,308	336	972	285	865	51	107	48	101
Sudden death, cause unknown (798)	5,753	3,506	2,247	2,440	1,455	1,066	792	933	717
Sudden infant death syndrome (798.0)	5,417	3,320	2,097	2,301	1,342	1,019	755	895	683
Instantaneous death (798.1)	302	166	136	125	103	41	33	32	30
Death occurring in less than 24 hours from onset of symptoms, not otherwise explained (798.2)	1	–	1	–	–	–	1	–	1
Unattended death (798.9)	33	20	13	14	10	6	3	6	3
Other ill-defined and unknown causes of mortality (799)	15,012	8,652	6,360	6,472	4,995	2,180	1,365	1,974	1,260
Asphyxia (799.0)	48	33	15	24	12	9	3	9	3
Respiratory failure (799.1)	2,297	1,087	1,210	919	1,035	168	175	155	161
Nervousness (799.2)	–	–	–	–	–	–	–	–	–
Debility, unspecified (799.3)	21	2	19	2	18	–	1	–	1
Cachexia (799.4)	45	22	23	19	23	3	–	3	–
Other ill-defined conditions (799.8)	159	79	80	60	74	19	6	17	5
Other unknown and unspecified cause (799.9)	12,442	7,429	5,013	5,448	3,833	1,981	1,180	1,790	1,090
Supplementary classification of external causes of injury and poisoning (E800-E999)									
Railway accidents (E800-E807)	663	585	78	452	54	133	24	116	21
Railway accident involving collision with rolling stock (E800)	10	9	1	8	1	1	–	1	–
Railway employee (E800.0)	8	7	1	6	1	1	–	1	–
Passenger on railway (E800.1)	2	2	–	2	–	–	–	–	–
Pedestrian (E800.2)	–	–	–	–	–	–	–	–	–
Pedal cyclist (E800.3)	–	–	–	–	–	–	–	–	–
Other specified person (E800.8)	–	–	–	–	–	–	–	–	–
Unspecified person (E800.9)	–	–	–	–	–	–	–	–	–
Railway accident involving collision with other object (E801)	7	7	–	5	–	2	–	2	–
Railway employee (E801.0)	–	–	–	–	–	–	–	–	–
Passenger on railway (E801.1)	–	–	–	–	–	–	–	–	–
Pedestrian (E801.2)	1	1	–	1	–	–	–	–	–
Pedal cyclist (E801.3)	5	5	–	3	–	2	–	2	–
Other specified person (E801.8)	–	–	–	–	–	–	–	–	–
Unspecified person (E801.9)	1	1	–	1	–	–	–	–	–
Railway accident involving derailment without antecedent collision (E802)	5	3	2	2	1	1	1	1	1
Railway employee (E802.0)	–	–	–	–	–	–	–	–	–
Passenger on railway (E802.1)	2	–	2	–	1	–	1	–	1
Pedestrian (E802.2)	–	–	–	–	–	–	–	–	–
Pedal cyclist (E802.3)	–	–	–	–	–	–	–	–	–
Other specified person (E802.8)	1	1	–	1	–	–	–	–	–
Unspecified person (E802.9)	2	2	–	1	–	1	–	1	–
Railway accident involving explosion, fire, or burning (E803)	2	2	–	2	–	–	–	–	–
Railway employee (E803.0)	2	2	–	2	–	–	–	–	–

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Nonspecific abnormal findings in other body substances-Con.									
Semen (792.2)	*	*	. . .	*	. . .	*	. . .	*	. . .
Amniotic fluid (792.3)	*	. . .	*	. . .	*	. . .	*	. . .	*
Saliva (792.4)	*	*	*	*	*	*	*	*	*
Other (792.9)	*	*	*	*	*	*	*	*	*
Nonspecific abnormal findings on radiological and other examination of body structure (793)	*	*	*	*	*	*	*	*	*
Skull and head (793.0)	*	*	*	*	*	*	*	*	*
Lung field (793.1)	*	*	*	*	*	*	*	*	*
Other intrathoracic organ (793.2)	*	*	*	*	*	*	*	*	*
Biliary tract (793.3)	*	*	*	*	*	*	*	*	*
Gastrointestinal tract (793.4)	*	*	*	*	*	*	*	*	*
Genitourinary organs (793.5)	*	*	*	*	*	*	*	*	*
Abdominal area, including retroperitoneum (793.6)	*	*	*	*	*	*	*	*	*
Musculoskeletal system (793.7)	*	*	*	*	*	*	*	*	*
Breast (793.8)	*	*	*	*	*	*	*	*	*
Other (793.9)	*	*	*	*	*	*	*	*	*
Nonspecific abnormal results of function studies (794)	*	*	*	*	*	*	*	*	*
Brain and central nervous system (794.0)	*	*	*	*	*	*	*	*	*
Peripheral nervous system and special senses (794.1)	*	*	*	*	*	*	*	*	*
Pulmonary (794.2)	*	*	*	*	*	*	*	*	*
Cardiovascular (794.3)	*	*	*	*	*	*	*	*	*
Kidney (794.4)	*	*	*	*	*	*	*	*	*
Thyroid (794.5)	*	*	*	*	*	*	*	*	*
Other endocrine function study (794.6)	*	*	*	*	*	*	*	*	*
Basal metabolism (794.7)	*	*	*	*	*	*	*	*	*
Liver (794.8)	*	*	*	*	*	*	*	*	*
Other (794.9)	*	*	*	*	*	*	*	*	*
Nonspecific abnormal histological and immunological findings (795)	*	*	*	*	*	*	*	*	*
Nonspecific abnormal Papanicolaou smear of cervix (795.0)	*	. . .	*	. . .	*	. . .	*	. . .	*
Nonspecific abnormal Papanicolaou smear of other origin (795.1)	*	*	*	*	*	*	*	*	*
Nonspecific abnormal findings on chromosomal analysis (795.2)	*	*	*	*	*	*	*	*	*
Nonspecific positive culture findings (795.3)	*	*	*	*	*	*	*	*	*
Other nonspecific abnormal histological findings (795.4)	*	*	*	*	*	*	*	*	*
Nonspecific reaction to tuberculin test (795.5)	*	*	*	*	*	*	*	*	*
False positive serological test for syphilis (795.6)	*	*	*	*	*	*	*	*	*
Other nonspecific immunological findings (795.7)	*	*	*	*	*	*	*	*	*
Other nonspecific abnormal findings (796)	*	*	*	*	*	*	*	*	*
Nonspecific abnormal toxicological findings (796.0)	*	*	*	*	*	*	*	*	*
Abnormal reflex (796.1)	*	*	*	*	*	*	*	*	*
Elevated blood pressure reading without diagnosis of hypertension (796.2)	*	*	*	*	*	*	*	*	*
Nonspecific low blood pressure reading (796.3)	*	*	*	*	*	*	*	*	*
Other abnormal clinical findings (796.4)	*	*	*	*	*	*	*	*	*
Other (796.9)	*	*	*	*	*	*	*	*	*
Ill-defined and unknown causes of mortality (797-799)	8.9	10.3	7.5	9.0	6.9	17.3	10.8	20.5	12.9
Senility without mention of psychosis (797)	.5	.3	.8	.3	.8	.3	.5	.3	.6
Sudden death, cause unknown (798)	2.3	2.9	1.8	2.4	1.4	5.6	3.8	6.5	4.5
Sudden infant death syndrome (798.0)	2.2	2.7	1.6	2.3	1.3	5.3	3.6	6.2	4.3
Instantaneous death (798.1)	.1	.1	.1	.1	.1	.2	.2	.2	.2
Death occurring in less than 24 hours from onset of symptoms, not otherwise explained (798.2)	*	*	*	*	*	*	*	*	*
Unattended death (798.9)	.0	.0	*	*	*	*	*	*	*
Other ill-defined and unknown causes of mortality (799)	6.0	7.1	5.0	6.3	4.7	11.4	6.5	13.7	7.8
Asphyxia (799.0)	.0	.0	*	.0	*	*	*	*	*
Respiratory failure (799.1)	.9	.9	.9	.9	1.0	.9	.8	1.1	1.0
Nervousness (799.2)	*	*	*	*	*	*	*	*	*
Debility, unspecified (799.3)	.0	*	*	*	*	*	*	*	*
Cachexia (799.4)	.0	.0	.0	*	.0	*	*	*	*
Other ill-defined conditions (799.8)	.1	.1	.1	.1	.1	*	*	*	*
Other unknown and unspecified cause (799.9)	5.0	6.1	3.9	5.3	3.6	10.4	5.6	12.4	6.8
Supplementary classification of external causes of injury and poisoning (E800-E999)									
Railway accidents (E800-E807)	.3	.5	.1	.4	.1	.7	.1	.8	.1
Railway accident involving collision with rolling stock (E800)	*	*	*	*	*	*	*	*	*
Railway employee (E800.0)	*	*	*	*	*	*	*	*	*
Passenger on railway (E800.1)	*	*	*	*	*	*	*	*	*
Pedestrian (E800.2)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E800.3)	*	*	*	*	*	*	*	*	*
Other specified person (E800.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E800.9)	*	*	*	*	*	*	*	*	*
Railway accident involving collision with other object (E801)	*	*	*	*	*	*	*	*	*
Railway employee (E801.0)	*	*	*	*	*	*	*	*	*
Passenger on railway (E801.1)	*	*	*	*	*	*	*	*	*
Pedestrian (E801.2)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E801.3)	*	*	*	*	*	*	*	*	*
Other specified person (E801.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E801.9)	*	*	*	*	*	*	*	*	*
Railway accident involving derailment without antecedent collision (E802)	*	*	*	*	*	*	*	*	*
Railway employee (E802.0)	*	*	*	*	*	*	*	*	*
Passenger on railway (E802.1)	*	*	*	*	*	*	*	*	*
Pedestrian (E802.2)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E802.3)	*	*	*	*	*	*	*	*	*
Other specified person (E802.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E802.9)	*	*	*	*	*	*	*	*	*
Railway accident involving explosion, fire, or burning (E803)	*	*	*	*	*	*	*	*	*
Railway employee (E803.0)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Railway accident involving explosion, fire, or burning-Con.									
Passenger on railway (E803.1)	-	-	-	-	-	-	-	-	-
Pedestrian (E803.2)	-	-	-	-	-	-	-	-	-
Pedal cyclist (E803.3)	-	-	-	-	-	-	-	-	-
Other specified person (E803.8)	-	-	-	-	-	-	-	-	-
Unspecified person (E803.9)	-	-	-	-	-	-	-	-	-
Fall in, on, or from railway train (E804)	25	25	-	20	-	5	-	3	-
Railway employee (E804.0)	1	1	-	1	-	-	-	-	-
Passenger on railway (E804.1)	1	1	-	-	-	1	-	1	-
Pedestrian (E804.2)	1	1	-	1	-	-	-	-	-
Pedal cyclist (E804.3)	-	-	-	-	-	-	-	-	-
Other specified person (E804.8)	4	4	-	3	-	1	-	-	-
Unspecified person (E804.9)	18	18	-	15	-	3	-	2	-
Hit by rolling stock (E805)	599	527	72	404	51	123	21	108	18
Railway employee (E805.0)	9	9	-	8	-	1	-	1	-
Passenger on railway (E805.1)	3	3	-	2	-	1	-	-	-
Pedestrian (E805.2)	540	474	66	368	46	106	20	94	17
Pedal cyclist (E805.3)	3	2	1	2	1	-	-	-	-
Other specified person (E805.8)	3	3	-	3	-	-	-	-	-
Unspecified person (E805.9)	41	36	5	21	4	15	1	13	1
Other specified railway accident (E806)	4	3	1	3	-	-	1	-	1
Railway employee (E806.0)	-	-	-	-	-	-	-	-	-
Passenger on railway (E806.1)	1	-	1	-	-	-	1	-	1
Pedestrian (E806.2)	-	-	-	-	-	-	-	-	-
Pedal cyclist (E806.3)	-	-	-	-	-	-	-	-	-
Other specified person (E806.8)	1	1	-	1	-	-	-	-	-
Unspecified person (E806.9)	2	2	-	2	-	-	-	-	-
Railway accident of unspecified nature (E807)	11	9	2	8	1	1	1	1	1
Railway employee (E807.0)	1	1	-	1	-	-	-	-	-
Passenger on railway (E807.1)	-	-	-	-	-	-	-	-	-
Pedestrian (E807.2)	1	1	-	1	-	-	-	-	-
Pedal cyclist (E807.3)	-	-	-	-	-	-	-	-	-
Other specified person (E807.8)	1	1	-	-	-	1	-	1	-
Unspecified person (E807.9)	8	6	2	6	1	-	1	-	1
Motor vehicle traffic accidents (E810-E819)	45,827	31,647	14,180	26,609	12,161	5,038	2,019	3,989	1,493
Motor vehicle traffic accident involving collision with train (E810)	623	420	203	374	181	46	22	35	18
Motor vehicle traffic accident involving re-entrant collision with another motor vehicle (E811)	22	17	5	15	5	2	-	2	-
Other motor vehicle traffic accident involving collision with another motor vehicle (E812)	17,275	10,858	6,417	9,413	5,700	1,445	717	1,138	536
Motor vehicle traffic accident involving collision with other vehicle (E813)	838	730	108	587	89	143	19	123	14
Motor vehicle traffic accident involving collision with pedestrian (E814)	6,800	4,705	2,095	3,528	1,636	1,177	459	973	349
Other motor vehicle traffic accident involving collision on the highway (E815)	6,532	4,998	1,534	4,264	1,297	734	237	594	179
Motor vehicle traffic accident due to loss of control without collision on the highway (E816)	7,625	5,695	1,930	4,913	1,660	782	270	567	168
Noncollision motor vehicle traffic accident while boarding or alighting (E817)	13	7	6	6	5	1	1	1	1
Other noncollision motor vehicle traffic accident (E818)	954	680	274	554	223	126	51	90	35
Motor vehicle traffic accident of unspecified nature (E819)	5,145	3,537	1,608	2,955	1,365	582	243	466	193
Motor vehicle nontraffic accidents (E820-E825)	987	759	228	679	202	80	26	57	21
Nontraffic accident involving motor-driven snow vehicle (E820)	64	56	8	53	8	3	-	1	-
Nontraffic accident involving other off-road motor vehicle (E821)	188	161	27	154	27	7	-	4	-
Other motor vehicle nontraffic accident involving collision with moving object (E822)	420	302	118	257	104	45	14	32	11
Other motor vehicle nontraffic accident involving collision with stationary object (E823)	75	57	18	52	16	5	2	5	2
Other motor vehicle nontraffic accident while boarding or alighting (E824)	18	6	12	6	11	-	1	-	1
Other motor vehicle nontraffic accident of other and unspecified nature (E825)	222	177	45	157	36	20	9	15	7
Other road vehicle accidents (E826-E829)	220	140	80	118	78	22	2	16	2
Pedal cycle accident (E826)	102	74	28	62	26	12	2	10	2
Pedestrian (E826.0)	6	3	3	1	2	2	1	2	1
Pedal cyclist (E826.1)	84	60	24	50	23	10	1	8	1
Rider of animal (E826.2)	-	-	-	-	-	-	-	-	-
Occupant of animal-drawn vehicle (E826.3)	-	-	-	-	-	-	-	-	-
Occupant of streetcar (E826.4)	-	-	-	-	-	-	-	-	-
Other specified person (E826.8)	1	1	-	1	-	-	-	-	-
Unspecified person (E826.9)	11	10	1	10	1	-	-	-	-
Animal-drawn vehicle accident (E827)	6	2	4	2	4	-	-	-	-
Pedestrian (E827.0)	-	-	-	-	-	-	-	-	-
Pedal cyclist (E827.1)	-	-	-	-	-	-	-	-	-
Rider of animal (E827.2)	1	-	1	-	1	-	-	-	-
Occupant of animal-drawn vehicle (E827.3)	4	2	2	2	2	-	-	-	-
Occupant of streetcar (E827.4)	-	-	-	-	-	-	-	-	-
Other specified person (E827.8)	-	-	-	-	-	-	-	-	-
Unspecified person (E827.9)	1	-	1	-	1	-	-	-	-
Accident involving animal being ridden (E828)	109	61	48	52	48	9	-	5	-
Pedestrian (E828.0)	-	-	-	-	-	-	-	-	-
Pedal cyclist (E828.1)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Railway accident involving explosion, fire, or burning-Con.									
Passenger on railway (E803.1)	*	*	*	*	*	*	*	*	*
Pedestrian (E803.2)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E803.3)	*	*	*	*	*	*	*	*	*
Other specified person (E803.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E803.9)	*	*	*	*	*	*	*	*	*
Fall in, on, or from railway train (E804)	0.0	0.0	*	0.0	*	*	*	*	*
Railway employee (E804.0)	*	*	*	*	*	*	*	*	*
Passenger on railway (E804.1)	*	*	*	*	*	*	*	*	*
Pedestrian (E804.2)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E804.3)	*	*	*	*	*	*	*	*	*
Other specified person (E804.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E804.9)	*	*	*	*	*	*	*	*	*
Hit by rolling stock (E805)	.2	.4	0.1	.4	0.0	0.6	0.1	0.7	*
Railway employee (E805.0)	*	*	*	*	*	*	*	*	*
Passenger on railway (E805.1)	*	*	*	*	*	*	*	*	*
Pedestrian (E805.2)	.2	.4	.1	.4	.0	.6	.1	.7	*
Pedal cyclist (E805.3)	*	*	*	*	*	*	*	*	*
Other specified person (E805.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E805.9)	.0	.0	*	.0	*	*	*	*	*
Other specified railway accident (E806)	*	*	*	*	*	*	*	*	*
Railway employee (E806.0)	*	*	*	*	*	*	*	*	*
Passenger on railway (E806.1)	*	*	*	*	*	*	*	*	*
Pedestrian (E806.2)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E806.3)	*	*	*	*	*	*	*	*	*
Other specified person (E806.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E806.9)	*	*	*	*	*	*	*	*	*
Railway accident of unspecified nature (E807)	*	*	*	*	*	*	*	*	*
Railway employee (E807.0)	*	*	*	*	*	*	*	*	*
Passenger on railway (E807.1)	*	*	*	*	*	*	*	*	*
Pedestrian (E807.2)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E807.3)	*	*	*	*	*	*	*	*	*
Other specified person (E807.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E807.9)	*	*	*	*	*	*	*	*	*
Motor vehicle traffic accidents (E810-E819)	18.4	26.1	11.1	26.1	11.4	26.4	9.7	27.7	9.3
Motor vehicle traffic accident involving collision with train (E810)	.3	.3	.2	.4	.2	.2	.1	.2	*
Motor vehicle traffic accident involving re-entrant collision with another motor vehicle (E811)	.0	*	*	*	*	*	*	*	*
Other motor vehicle traffic accident involving collision with another motor vehicle (E812)	6.9	9.0	5.0	9.2	5.3	7.6	3.4	7.9	3.3
Motor vehicle traffic accident involving collision with other vehicle (E813)	.3	.6	.1	.6	.1	.7	*	.9	*
Motor vehicle traffic accident involving collision with pedestrian (E814)	2.7	3.9	1.6	3.5	1.5	6.2	2.2	6.7	2.2
Other motor vehicle traffic accident involving collision on the highway (E815)	2.6	4.1	1.2	4.2	1.2	3.8	1.1	4.1	1.1
Motor vehicle traffic accident due to loss of control without collision on the highway (E816)	3.1	4.7	1.5	4.8	1.6	4.1	1.3	3.9	1.0
Noncollision motor vehicle traffic accident while boarding or alighting (E817)	*	*	*	*	*	*	*	*	*
Other noncollision motor vehicle traffic accident (E818)	.4	.6	.2	.5	.2	.7	.2	.6	.2
Motor vehicle traffic accident of unspecified nature (E819)	2.1	2.9	1.3	2.9	1.3	3.0	1.2	3.2	1.2
Motor vehicle nontraffic accidents (E820-E825)	.4	.6	.2	.7	.2	.4	.1	.4	.1
Nontraffic accident involving motor-driven snow vehicle (E820)	.0	.0	*	.1	*	*	*	*	*
Nontraffic accident involving other off-road motor vehicle (E821)	.1	.1	.0	.2	.0	*	*	*	*
Other motor vehicle nontraffic accident involving collision with moving object (E822)	.2	.2	.1	.3	.1	.2	*	.2	*
Other motor vehicle nontraffic accident involving collision with stationary object (E823)	.0	.0	*	.1	*	*	*	*	*
Other motor vehicle nontraffic accident while boarding or alighting (E824)	*	*	*	*	*	*	*	*	*
Other motor vehicle nontraffic accident of other and unspecified nature (E825)	.1	.1	.0	.2	.0	.1	*	*	*
Other road vehicle accidents (E826-E829)	.1	.1	.1	.1	.1	.1	*	*	*
Pedal cycle accident (E826)	.0	.1	.0	.1	.0	*	*	*	*
Pedestrian (E826.0)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E826.1)	.0	.0	.0	.0	.0	*	*	*	*
Rider of animal (E826.2)	*	*	*	*	*	*	*	*	*
Occupant of animal-drawn vehicle (E826.3)	*	*	*	*	*	*	*	*	*
Occupant of streetcar (E826.4)	*	*	*	*	*	*	*	*	*
Other specified person (E826.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E826.9)	*	*	*	*	*	*	*	*	*
Animal-drawn vehicle accident (E827)	*	*	*	*	*	*	*	*	*
Pedestrian (E827.0)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E827.1)	*	*	*	*	*	*	*	*	*
Rider of animal (E827.2)	*	*	*	*	*	*	*	*	*
Occupant of animal-drawn vehicle (E827.3)	*	*	*	*	*	*	*	*	*
Occupant of streetcar (E827.4)	*	*	*	*	*	*	*	*	*
Other specified person (E827.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E827.9)	*	*	*	*	*	*	*	*	*
Accident involving animal being ridden (E828)	.0	.1	.0	.1	.0	*	*	*	*
Pedestrian (E828.0)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E828.1)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Accident involving animal being ridden-Con.									
Rider of animal (E828.2)	104	59	45	51	45	8	-	4	-
Occupant of animal-drawn vehicle (E828.3)	-	-	-	-	-	-	-	-	-
Occupant of streetcar (E828.4)	-	-	-	-	-	-	-	-	-
Other specified person (E828.8)	-	-	-	-	-	-	-	-	-
Unspecified person (E828.9)	5	2	3	1	3	1	-	1	-
Other road vehicle accidents (E829)	3	3	-	2	-	1	-	1	-
Pedestrian (E829.0)	2	2	-	1	-	1	-	1	-
Pedal cyclist (E829.1)	1	1	-	1	-	-	-	-	-
Rider of animal (E829.2)	-	-	-	-	-	-	-	-	-
Occupant of animal-drawn vehicle (E829.3)	-	-	-	-	-	-	-	-	-
Occupant of streetcar (E829.4)	-	-	-	-	-	-	-	-	-
Other specified person (E829.8)	-	-	-	-	-	-	-	-	-
Unspecified person (E829.9)	-	-	-	-	-	-	-	-	-
Water transport accidents (E830-E838)	923	824	99	699	94	125	5	88	4
Accident to watercraft causing submersion (E830)	314	285	29	243	27	42	2	34	2
Occupant of small boat, unpowered (E830.0)	55	45	10	43	9	2	1	1	1
Occupant of small boat, powered (E830.1)	71	64	7	53	7	11	-	8	-
Occupant of other watercraft, crew *(E830.2)*	26	24	2	24	2	-	-	-	-
Occupant of other watercraft, other than crew (E830.3)	4	4	-	3	-	1	-	1	-
Water skier (E830.4)	-	-	-	-	-	-	-	-	-
Swimmer (E830.5)	-	-	-	-	-	-	-	-	-
Dockers, stevedores (E830.6)	-	-	-	-	-	-	-	-	-
Other specified person (E830.8)	3	3	-	1	-	2	-	2	-
Unspecified person (E830.9)	155	145	10	119	9	26	1	22	1
Accident to watercraft causing other injury (E831)	76	60	16	58	16	2	-	2	-
Occupant of small boat, unpowered (E831.0)	4	4	-	4	-	-	-	-	-
Occupant of small boat, powered (E831.1)	30	25	5	24	5	1	-	1	-
Occupant of other watercraft, crew (E831.2)	2	2	-	2	-	-	-	-	-
Occupant of other watercraft, other than crew (E831.3)	-	-	-	-	-	-	-	-	-
Water skier (E831.4)	2	2	-	2	-	-	-	-	-
Swimmer (E831.5)	-	-	-	-	-	-	-	-	-
Dockers, stevedores (E831.6)	-	-	-	-	-	-	-	-	-
Other specified person (E831.8)	4	3	1	3	1	-	-	-	-
Unspecified person (E831.9)	34	24	10	23	10	1	-	1	-
Other accidental submersion or drowning in water transport accident (E832)	392	366	26	296	23	70	3	45	2
Occupant of small boat, unpowered (E832.0)	65	60	5	50	5	10	-	6	-
Occupant of small boat, powered (E832.1)	44	42	2	33	2	9	-	5	-
Occupant of other watercraft, crew (E832.2)	16	16	-	9	-	7	-	3	-
Occupant of other watercraft, other than crew (E832.3)	5	4	1	4	1	-	-	-	-
Water skier (E832.4)	-	-	-	-	-	-	-	-	-
Swimmer (E832.5)	1	-	1	-	1	-	-	-	-
Dockers, stevedores (E832.6)	-	-	-	-	-	-	-	-	-
Other specified person (E832.8)	6	6	-	4	-	2	-	2	-
Unspecified person (E832.9)	255	238	17	196	14	42	3	29	2
Fall on stairs or ladders in water transport (E833)	1	1	-	-	-	1	-	1	-
Occupant of small boat, unpowered (E833.0)	-	-	-	-	-	-	-	-	-
Occupant of small boat, powered (E833.1)	-	-	-	-	-	-	-	-	-
Occupant of other watercraft, crew (E833.2)	-	-	-	-	-	-	-	-	-
Occupant of other watercraft, other than crew (E833.3)	-	-	-	-	-	-	-	-	-
Water skier (E833.4)	-	-	-	-	-	-	-	-	-
Swimmer (E833.5)	-	-	-	-	-	-	-	-	-
Dockers, stevedores (E833.6)	-	-	-	-	-	-	-	-	-
Other specified person (E833.8)	-	-	-	-	-	-	-	-	-
Unspecified person (E833.9)	1	1	-	-	-	1	-	1	-
Other fall from one level to another in water transport (E834)	7	7	-	6	-	1	-	-	-
Occupant of small boat, unpowered (E834.0)	1	1	-	1	-	-	-	-	-
Occupant of small boat, powered (E834.1)	-	-	-	-	-	-	-	-	-
Occupant of other watercraft, crew (E834.2)	3	3	-	2	-	1	-	-	-
Occupant of other watercraft, other than crew (E834.3)	1	1	-	1	-	-	-	-	-
Water skier (E834.4)	-	-	-	-	-	-	-	-	-
Swimmer (E834.5)	-	-	-	-	-	-	-	-	-
Dockers, stevedores (E834.6)	-	-	-	-	-	-	-	-	-
Other specified person (E834.8)	-	-	-	-	-	-	-	-	-
Unspecified person (E834.9)	2	2	-	2	-	-	-	-	-
Other and unspecified fall in water transport (E835)	9	8	1	8	1	-	-	-	-
Occupant of small boat, unpowered (E835.0)	-	-	-	-	-	-	-	-	-
Occupant of small boat, powered (E835.1)	3	3	-	3	-	-	-	-	-
Occupant of other watercraft, crew (E835.2)	1	1	-	1	-	-	-	-	-
Occupant of other watercraft, other than crew (E835.3)	-	-	-	-	-	-	-	-	-
Water skier (E835.4)	-	-	-	-	-	-	-	-	-
Swimmer (E835.5)	-	-	-	-	-	-	-	-	-
Dockers, stevedores (E835.6)	-	-	-	-	-	-	-	-	-
Other specified person (E835.8)	1	1	-	1	-	-	-	-	-
Unspecified person (E835.9)	4	3	1	3	1	-	-	-	-
Machinery accident in water transport (E836)	5	5	-	5	-	-	-	-	-
Occupant of small boat, unpowered (E836.0)	-	-	-	-	-	-	-	-	-
Occupant of small boat, powered (E836.1)	1	1	-	1	-	-	-	-	-
Occupant of other watercraft, crew (E836.2)	3	3	-	3	-	-	-	-	-
Occupant of other watercraft, other than crew (E836.3)	-	-	-	-	-	-	-	-	-
Water skier (E836.4)	-	-	-	-	-	-	-	-	-
Swimmer (E836.5)	-	-	-	-	-	-	-	-	-
Dockers, stevedores (E836.6)	-	-	-	-	-	-	-	-	-
Other specified person (E836.8)	1	1	-	1	-	-	-	-	-
Unspecified person (E836.9)	-	-	-	-	-	-	-	-	-
Explosion, fire, or burning in watercraft (E837)	8	7	1	7	1	-	-	-	-
Occupant of small boat, unpowered (E837.0)	-	-	-	-	-	-	-	-	-
Occupant of small boat, powered (E837.1)	1	1	-	1	-	-	-	-	-
Occupant of other watercraft, crew (E837.2)	3	3	-	3	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Accident involving animal being ridden-Con.									
Rider of animal (E828.2)	0.0	0.0	0.0	0.0	0.0	*	*	*	*
Occupant of animal-drawn vehicle (E828.3)	*	*	*	*	*	*	*	*	*
Occupant of streetcar (E828.4)	*	*	*	*	*	*	*	*	*
Other specified person (E828.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E828.9)	*	*	*	*	*	*	*	*	*
Other road vehicle accidents (E829)	*	*	*	*	*	*	*	*	*
Pedestrian (E829.0)	*	*	*	*	*	*	*	*	*
Pedal cyclist (E829.1)	*	*	*	*	*	*	*	*	*
Rider of animal (E829.2)	*	*	*	*	*	*	*	*	*
Occupant of animal-drawn vehicle (E829.3)	*	*	*	*	*	*	*	*	*
Occupant of streetcar (E829.4)	*	*	*	*	*	*	*	*	*
Other specified person (E829.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E829.9)	*	*	*	*	*	*	*	*	*
Water transport accidents (E830-E838)	.4	.7	.1	.7	.1	0.7	*	0.6	*
Accident to watercraft causing submersion (E830)	.1	.2	.0	.2	.0	.2	*	.2	*
Occupant of small boat, unpowered (E830.0)	.0	.0	*	.0	*	*	*	*	*
Occupant of small boat, powered (E830.1)	.0	.1	*	.1	*	*	*	*	*
Occupant of other watercraft, crew (E830.2)	.0	.0	*	.0	*	*	*	*	*
Occupant of other watercraft, other than crew (E830.3)	*	*	*	*	*	*	*	*	*
Water skier (E830.4)	*	*	*	*	*	*	*	*	*
Swimmer (E830.5)	*	*	*	*	*	*	*	*	*
Dockers, stevedores (E830.6)	*	*	*	*	*	*	*	*	*
Other specified person (E830.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E830.9)	.1	.1	*	.1	*	.1	*	.2	*
Accident to watercraft causing other injury (E831)	.0	.0	*	.1	*	*	*	*	*
Occupant of small boat, unpowered (E831.0)	*	*	*	*	*	*	*	*	*
Occupant of small boat, powered (E831.1)	.0	.0	*	.0	*	*	*	*	*
Occupant of other watercraft, crew (E831.2)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, other than crew (E831.3)	*	*	*	*	*	*	*	*	*
Water skier (E831.4)	*	*	*	*	*	*	*	*	*
Swimmer (E831.5)	*	*	*	*	*	*	*	*	*
Dockers, stevedores (E831.6)	*	*	*	*	*	*	*	*	*
Other specified person (E831.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E831.9)	.0	.0	*	.0	*	*	*	*	*
Other accidental submersion or drowning in water transport accident (E832)	.2	.3	.0	.3	.0	.4	*	.3	*
Occupant of small boat, unpowered (E832.0)	.0	.0	*	.0	*	*	*	*	*
Occupant of small boat, powered (E832.1)	.0	.0	*	.0	*	*	*	*	*
Occupant of other watercraft, crew (E832.2)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, other than crew (E832.3)	*	*	*	*	*	*	*	*	*
Water skier (E832.4)	*	*	*	*	*	*	*	*	*
Swimmer (E832.5)	*	*	*	*	*	*	*	*	*
Dockers, stevedores (E832.6)	*	*	*	*	*	*	*	*	*
Other specified person (E832.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E832.9)	.1	.2	*	.2	*	.2	*	.2	*
Fall on stairs or ladders in water transport (E833)	*	*	*	*	*	*	*	*	*
Occupant of small boat, unpowered (E833.0)	*	*	*	*	*	*	*	*	*
Occupant of small boat, powered (E833.1)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, crew (E833.2)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, other than crew (E833.3)	*	*	*	*	*	*	*	*	*
Water skier (E833.4)	*	*	*	*	*	*	*	*	*
Swimmer (E833.5)	*	*	*	*	*	*	*	*	*
Dockers, stevedores (E833.6)	*	*	*	*	*	*	*	*	*
Other specified person (E833.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E833.9)	*	*	*	*	*	*	*	*	*
Other fall from one level to another in water transport (E834)	*	*	*	*	*	*	*	*	*
Occupant of small boat, unpowered (E834.0)	*	*	*	*	*	*	*	*	*
Occupant of small boat, powered (E834.1)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, crew (E834.2)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, other than crew (E834.3)	*	*	*	*	*	*	*	*	*
Water skier (E834.4)	*	*	*	*	*	*	*	*	*
Swimmer (E834.5)	*	*	*	*	*	*	*	*	*
Dockers, stevedores (E834.6)	*	*	*	*	*	*	*	*	*
Other specified person (E834.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E834.9)	*	*	*	*	*	*	*	*	*
Other and unspecified fall in water transport (E835)	*	*	*	*	*	*	*	*	*
Occupant of small boat, unpowered (E835.0)	*	*	*	*	*	*	*	*	*
Occupant of small boat, powered (E835.1)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, crew (E835.2)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, other than crew (E835.3)	*	*	*	*	*	*	*	*	*
Water skier (E835.4)	*	*	*	*	*	*	*	*	*
Swimmer (E835.5)	*	*	*	*	*	*	*	*	*
Dockers, stevedores (E835.6)	*	*	*	*	*	*	*	*	*
Other specified person (E835.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E835.9)	*	*	*	*	*	*	*	*	*
Machinery accident in water transport (E836)	*	*	*	*	*	*	*	*	*
Occupant of small boat, unpowered (E836.0)	*	*	*	*	*	*	*	*	*
Occupant of small boat, powered (E836.1)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, crew (E836.2)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, other than crew (E836.3)	*	*	*	*	*	*	*	*	*
Water skier (E836.4)	*	*	*	*	*	*	*	*	*
Swimmer (E836.5)	*	*	*	*	*	*	*	*	*
Dockers, stevedores (E836.6)	*	*	*	*	*	*	*	*	*
Other specified person (E836.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E836.9)	*	*	*	*	*	*	*	*	*
Explosion, fire, or burning in watercraft (E837)	*	*	*	*	*	*	*	*	*
Occupant of small boat, unpowered (E837.0)	*	*	*	*	*	*	*	*	*
Occupant of small boat, powered (E837.1)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, crew (E837.2)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Explosion, fire, or burning in watercraft-Con.									
Occupant of other watercraft, other than crew (E837.3)	-	-	-	-	-	-	-	-	-
Water skier (E837.4)	-	-	-	-	-	-	-	-	-
Swimmer (E837.5)	-	-	-	-	-	-	-	-	-
Dockers, stevedores (E837.6)	-	-	-	-	-	-	-	-	-
Other specified person (E837.8)	1	1	-	1	-	-	-	-	-
Unspecified person (E837.9)	3	2	1	2	1	-	-	-	-
Other and unspecified water transport accident (E838)	111	85	26	76	26	9	-	6	-
Occupant of small boat, unpowered (E838.0)	3	3	-	3	-	-	-	-	-
Occupant of small boat, powered (E838.1)	16	12	4	12	4	-	-	-	-
Occupant of other watercraft, crew (E838.2)	6	6	-	5	-	1	-	-	-
Occupant of other watercraft, other than crew (E838.3)	4	2	2	2	2	-	-	-	-
Water skier (E838.4)	10	9	1	8	1	1	-	-	-
Swimmer (E838.5)	2	1	1	1	1	-	-	-	-
Dockers, stevedores (E838.6)	1	1	-	1	-	-	-	-	-
Other specified person (E838.8)	2	2	-	2	-	-	-	-	-
Unspecified person (E838.9)	67	49	18	42	18	7	-	6	-
Air and space transport accidents (E840-E845)	941	812	129	785	123	27	6	11	1
Accident to powered aircraft at takeoff or landing (E840)	89	77	12	77	11	-	1	-	-
Occupant of spacecraft (E840.0)	-	-	-	-	-	-	-	-	-
Occupant of military aircraft, any (E840.1)	3	3	-	3	-	-	-	-	-
Crew of commercial aircraft (powered) in surface to surface transport (E840.2)	9	8	1	8	1	-	-	-	-
Other occupant of commercial aircraft (powered) in surface to surface transport (E840.3)	15	14	1	14	-	-	1	-	-
Occupant of commercial aircraft (powered) in surface to air transport (E840.4)	3	3	-	3	-	-	-	-	-
Occupant of other powered aircraft (E840.5)	57	47	10	47	10	-	-	-	-
Occupant of unpowered aircraft, except parachutist (E840.6)	1	1	-	1	-	-	-	-	-
Parachutist (military) (other) (E840.7)	-	-	-	-	-	-	-	-	-
Ground crew, airline employee (E840.8)	-	-	-	-	-	-	-	-	-
Other person (E840.9)	1	1	-	1	-	-	-	-	-
Accident to powered aircraft, other and unspecified (E841)	796	683	113	659	108	24	5	10	1
Occupant of spacecraft (E841.0)	1	1	-	1	-	-	-	-	-
Occupant of military aircraft, any (E841.1)	32	30	2	27	2	3	-	3	-
Crew of commercial aircraft (powered) in surface to surface transport (E841.2)	68	67	1	66	1	1	-	-	-
Other occupant of commercial aircraft (powered) in surface to surface transport (E841.3)	399	325	74	315	70	10	4	4	1
Occupant of commercial aircraft (powered) in surface to air transport (E841.4)	9	9	-	9	-	-	-	-	-
Occupant of other powered aircraft (E841.5)	264	232	32	222	31	10	1	3	-
Occupant of unpowered aircraft, except parachutist (E841.6)	-	-	-	-	-	-	-	-	-
Parachutist (military) (other) (E841.7)	-	-	-	-	-	-	-	-	-
Ground crew, airline employee (E841.8)	-	-	-	-	-	-	-	-	-
Other person (E841.9)	23	19	4	19	4	-	-	-	-
Accident to unpowered aircraft (E842)	22	22	-	22	-	-	-	-	-
Occupant of spacecraft (E842.0)	-	-	-	-	-	-	-	-	-
Occupant of military aircraft, any (E842.1)	-	-	-	-	-	-	-	-	-
Crew of commercial aircraft (powered) in surface to surface transport (E842.2)	-	-	-	-	-	-	-	-	-
Other occupant of commercial aircraft (powered) in surface to surface transport (E842.3)	-	-	-	-	-	-	-	-	-
Occupant of commercial aircraft (powered) in surface to air transport (E842.4)	-	-	-	-	-	-	-	-	-
Occupant of other powered aircraft (E842.5)	1	1	-	1	-	-	-	-	-
Occupant of unpowered aircraft, except parachutist (E842.6)	20	20	-	20	-	-	-	-	-
Parachutist (military) (other) (E842.7)	-	-	-	-	-	-	-	-	-
Ground crew, airline employee (E842.8)	-	-	-	-	-	-	-	-	-
Other person (E842.9)	1	1	-	1	-	-	-	-	-
Fall in, on, or from aircraft (E843)	1	-	1	-	1	-	-	-	-
Occupant of spacecraft (E843.0)	-	-	-	-	-	-	-	-	-
Occupant of military aircraft, any (E843.1)	-	-	-	-	-	-	-	-	-
Crew of commercial aircraft (powered) in surface to surface transport (E843.2)	-	-	-	-	-	-	-	-	-
Other occupant of commercial aircraft (powered) in surface to surface transport (E843.3)	-	-	-	-	-	-	-	-	-
Occupant of commercial aircraft (powered) in surface to air transport (E843.4)	-	-	-	-	-	-	-	-	-
Occupant of other powered aircraft (E843.5)	-	-	-	-	-	-	-	-	-
Occupant of unpowered aircraft, except parachutist (E843.6)	-	-	-	-	-	-	-	-	-
Parachutist (military) (other) (E843.7)	1	-	1	-	1	-	-	-	-
Ground crew, airline employee (E843.8)	-	-	-	-	-	-	-	-	-
Other person (E843.9)	-	-	-	-	-	-	-	-	-
Other specified air transport accidents (E844)	33	30	3	27	3	3	-	1	-
Occupant of spacecraft (E844.0)	-	-	-	-	-	-	-	-	-
Occupant of military aircraft, any (E844.1)	2	2	-	2	-	-	-	-	-
Crew of commercial aircraft (powered) in surface to surface transport (E844.2)	-	-	-	-	-	-	-	-	-
Other occupant of commercial aircraft (powered) in surface to surface transport (E844.3)	-	-	-	-	-	-	-	-	-
Occupant of commercial aircraft (powered) in surface to air transport (E844.4)	-	-	-	-	-	-	-	-	-
Occupant of other powered aircraft (E844.5)	-	-	-	-	-	-	-	-	-
Occupant of unpowered aircraft, except parachutist (E844.6)	-	-	-	-	-	-	-	-	-
Parachutist (military) (other) (E844.7)	25	23	2	21	2	2	-	-	-
Ground crew, airline employee (E844.8)	1	-	1	-	1	-	-	-	-
Other person (E844.9)	5	5	-	4	-	1	-	1	-
Accident involving spacecraft (E845)	-	-	-	-	-	-	-	-	-
Occupant of spacecraft (E845.0)	-	-	-	-	-	-	-	-	-
Occupant of military aircraft, any (E845.1)	-	-	-	-	-	-	-	-	-
Crew of commercial aircraft (powered) in surface to surface transport (E845.2)	-	-	-	-	-	-	-	-	-
Other occupant of commercial aircraft (powered) in surface to surface transport (E845.3)	-	-	-	-	-	-	-	-	-
Occupant of commercial aircraft (powered) in surface to air transport (E845.4)	-	-	-	-	-	-	-	-	-
Occupant of other powered aircraft (E845.5)	-	-	-	-	-	-	-	-	-
Occupant of unpowered aircraft, except parachutist (E845.6)	-	-	-	-	-	-	-	-	-
Parachutist (military) (other) (E845.7)	-	-	-	-	-	-	-	-	-
Ground crew, airline employee (E845.8)	-	-	-	-	-	-	-	-	-
Other person (E845.9)	-	-	-	-	-	-	-	-	-
Vehicle accidents not elsewhere classifiable (E846-E848)	45	37	8	34	8	3	-	3	-
Accidents involving powered vehicles used solely within the buildings and premises of an industrial or commercial establishment (E846)	10	10	-	10	-	-	-	-	-
Accidents involving cable cars not running on rails (E847)	-	-	-	-	-	-	-	-	-
Accidents involving other vehicles not elsewhere classified (E848)	35	27	8	24	8	3	-	3	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Explosion, fire, or burning in watercraft-Con.									
Occupant of other watercraft, other than crew (E837.3)	*	*	*	*	*	*	*	*	*
Water skier (E837.4)	*	*	*	*	*	*	*	*	*
Swimmer (E837.5)	*	*	*	*	*	*	*	*	*
Dockers, stevedores (E837.6)	*	*	*	*	*	*	*	*	*
Other specified person (E837.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E837.9)	*	*	*	*	*	*	*	*	*
Other and unspecified water transport accident (E838)	0.0	0.1	0.0	0.1	0.0	*	*	*	*
Occupant of small boat, unpowered (E838.0)	*	*	*	*	*	*	*	*	*
Occupant of small boat, powered (E838.1)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, crew (E838.2)	*	*	*	*	*	*	*	*	*
Occupant of other watercraft, other than crew (E838.3)	*	*	*	*	*	*	*	*	*
Water skier (E838.4)	*	*	*	*	*	*	*	*	*
Swimmer (E838.5)	*	*	*	*	*	*	*	*	*
Dockers, stevedores (E838.6)	*	*	*	*	*	*	*	*	*
Other specified person (E838.8)	*	*	*	*	*	*	*	*	*
Unspecified person (E838.9)	.0	.0	*	.0	*	*	*	*	*
Air and space transport accidents (E840-E845)	.4	.7	.1	.8	.1	0.1	*	*	*
Accident to powered aircraft at takeoff or landing (E840)	.0	.1	*	.1	*	*	*	*	*
Occupant of spacecraft (E840.0)	*	*	*	*	*	*	*	*	*
Occupant of military aircraft, any (E840.1)	*	*	*	*	*	*	*	*	*
Crew of commercial aircraft (powered) in surface to surface transport (E840.2)	*	*	*	*	*	*	*	*	*
Other occupant of commercial aircraft (powered) in surface to surface transport (E840.3)	*	*	*	*	*	*	*	*	*
Occupant of commercial aircraft (powered) in surface to air transport (E840.4)	*	*	*	*	*	*	*	*	*
Occupant of other powered aircraft (E840.5)	.0	.0	*	.0	*	*	*	*	*
Occupant of unpowered aircraft, except parachutist (E840.6)	*	*	*	*	*	*	*	*	*
Parachutist (military) (other) (E840.7)	*	*	*	*	*	*	*	*	*
Ground crew, airline employee (E840.8)	*	*	*	*	*	*	*	*	*
Other person (E840.9)	*	*	*	*	*	*	*	*	*
Accident to powered aircraft, other and unspecified (E841)	.3	.6	.1	.6	.1	.1	*	*	*
Occupant of spacecraft (E841.0)	*	*	*	*	*	*	*	*	*
Occupant of military aircraft, any (E841.1)	.0	.0	*	.0	*	*	*	*	*
Crew of commercial aircraft (powered) in surface to surface transport (E841.2)	.0	.1	*	.1	*	*	*	*	*
Other occupant of commercial aircraft (powered) in surface to surface transport (E841.3)	.2	.3	.1	.3	.1	*	*	*	*
Occupant of commercial aircraft (powered) in surface to air transport (E841.4)	*	*	*	*	*	*	*	*	*
Occupant of other powered aircraft (E841.5)	.1	.2	.0	.2	.0	*	*	*	*
Occupant of unpowered aircraft, except parachutist (E841.6)	*	*	*	*	*	*	*	*	*
Parachutist (military) (other) (E841.7)	*	*	*	*	*	*	*	*	*
Ground crew, airline employee (E841.8)	*	*	*	*	*	*	*	*	*
Other person (E841.9)	.0	*	*	*	*	*	*	*	*
Accident to unpowered aircraft (E842)	.0	.0	*	.0	*	*	*	*	*
Occupant of spacecraft (E842.0)	*	*	*	*	*	*	*	*	*
Occupant of military aircraft, any (E842.1)	*	*	*	*	*	*	*	*	*
Crew of commercial aircraft (powered) in surface to surface transport (E842.2)	*	*	*	*	*	*	*	*	*
Other occupant of commercial aircraft (powered) in surface to surface transport (E842.3)	*	*	*	*	*	*	*	*	*
Occupant of commercial aircraft (powered) in surface to air transport (E842.4)	*	*	*	*	*	*	*	*	*
Occupant of other powered aircraft (E842.5)	*	*	*	*	*	*	*	*	*
Occupant of unpowered aircraft, except parachutist (E842.6)	.0	.0	*	.0	*	*	*	*	*
Parachutist (military) (other) (E842.7)	*	*	*	*	*	*	*	*	*
Ground crew, airline employee (E842.8)	*	*	*	*	*	*	*	*	*
Other person (E842.9)	*	*	*	*	*	*	*	*	*
Fall in, on, or from aircraft (E843)	*	*	*	*	*	*	*	*	*
Occupant of spacecraft (E843.0)	*	*	*	*	*	*	*	*	*
Occupant of military aircraft, any (E843.1)	*	*	*	*	*	*	*	*	*
Crew of commercial aircraft (powered) in surface to surface transport (E843.2)	*	*	*	*	*	*	*	*	*
Other occupant of commercial aircraft (powered) in surface to surface transport (E843.3)	*	*	*	*	*	*	*	*	*
Occupant of commercial aircraft (powered) in surface to air transport (E843.4)	*	*	*	*	*	*	*	*	*
Occupant of other powered aircraft (E843.5)	*	*	*	*	*	*	*	*	*
Occupant of unpowered aircraft, except parachutist (E843.6)	*	*	*	*	*	*	*	*	*
Parachutist (military) (other) (E843.7)	*	*	*	*	*	*	*	*	*
Ground crew, airline employee (E843.8)	*	*	*	*	*	*	*	*	*
Other person (E843.9)	*	*	*	*	*	*	*	*	*
Other specified air transport accidents (E844)	.0	.0	*	.0	*	*	*	*	*
Occupant of spacecraft (E844.0)	*	*	*	*	*	*	*	*	*
Occupant of military aircraft, any (E844.1)	*	*	*	*	*	*	*	*	*
Crew of commercial aircraft (powered) in surface to surface transport (E844.2)	*	*	*	*	*	*	*	*	*
Other occupant of commercial aircraft (powered) in surface to surface transport (E844.3)	*	*	*	*	*	*	*	*	*
Occupant of commercial aircraft (powered) in surface to air transport (E844.4)	*	*	*	*	*	*	*	*	*
Occupant of other powered aircraft (E844.5)	*	*	*	*	*	*	*	*	*
Occupant of unpowered aircraft, except parachutist (E844.6)	*	*	*	*	*	*	*	*	*
Parachutist (military) (other) (E844.7)	.0	.0	*	.0	*	*	*	*	*
Ground crew, airline employee (E844.8)	*	*	*	*	*	*	*	*	*
Other person (E844.9)	*	*	*	*	*	*	*	*	*
Accident involving spacecraft (E845)	*	*	*	*	*	*	*	*	*
Occupant of spacecraft (E845.0)	*	*	*	*	*	*	*	*	*
Occupant of military aircraft, any (E845.1)	*	*	*	*	*	*	*	*	*
Crew of commercial aircraft (powered) in surface to surface transport (E845.2)	*	*	*	*	*	*	*	*	*
Other occupant of commercial aircraft (powered) in surface to surface transport (E845.3)	*	*	*	*	*	*	*	*	*
Occupant of commercial aircraft (powered) in surface to air transport (E845.4)	*	*	*	*	*	*	*	*	*
Occupant of other powered aircraft (E845.5)	*	*	*	*	*	*	*	*	*
Occupant of unpowered aircraft, except parachutist (E845.6)	*	*	*	*	*	*	*	*	*
Parachutist (military) (other) (E845.7)	*	*	*	*	*	*	*	*	*
Ground crew, airline employee (E845.8)	*	*	*	*	*	*	*	*	*
Other person (E845.9)	*	*	*	*	*	*	*	*	*
Vehicle accidents not elsewhere classifiable (E846-E848)	.0	.0	*	.0	*	*	*	*	*
Accidents involving powered vehicles used solely within the buildings and premises of an industrial or commercial establishment (E846)	*	*	*	*	*	*	*	*	*
Accidents involving cable cars not running on rails (E847)	*	*	*	*	*	*	*	*	*
Accidents involving other vehicles not elsewhere classified (E848)	.0	.0	*	.0	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	4,506	3,161	1,345	2,437	1,040	724	305	675	284
Accidental poisoning by analgesics, antipyretics, antirheumatics (E850)	1,278	1,022	256	838	200	184	56	172	52
Opiates and related narcotics (E850.0)	931	798	133	633	94	165	39	156	36
Salicylates (E850.1)	44	18	26	14	19	4	7	3	7
Aromatic analgesics, not elsewhere classified (E850.2)	65	22	43	21	38	1	5	1	4
Pyrazole derivatives (E850.3)	-	-	-	-	-	-	-	-	-
Antirheumatics (antiphlogistics) (E850.4)	4	3	1	3	1	-	-	-	-
Other non-narcotic analgesics (E850.5)	88	54	34	51	31	3	3	2	3
Other (E850.8)	145	126	19	115	17	11	2	10	2
Unspecified (E850.9)	1	1	-	1	-	-	-	-	-
Accidental poisoning by barbiturates (E851)	22	14	8	11	6	3	2	2	2
Accidental poisoning by other sedatives and hypnotics (E852)	26	14	12	14	11	-	1	-	-
Chloral hydrate group (E852.0)	2	1	1	1	1	-	-	-	-
Paraldehyde (E852.1)	-	-	-	-	-	-	-	-	-
Bromine compounds (E852.2)	-	-	-	-	-	-	-	-	-
Methaqualone compounds (E852.3)	-	-	-	-	-	-	-	-	-
Glutethimide group (E852.4)	1	-	1	-	1	-	-	-	-
Mixed sedatives, not elsewhere classified (E852.5)	16	8	8	8	7	-	1	-	-
Other (E852.8)	5	5	-	5	-	-	-	-	-
Unspecified (E852.9)	2	-	2	-	2	-	-	-	-
Accidental poisoning by tranquilizers (E853)	67	41	26	36	23	5	3	5	1
Phenothiazine-based tranquilizers (E853.0)	15	7	8	7	7	-	1	-	-
Butyrophenone-based tranquilizers (E853.1)	1	1	-	1	-	-	-	-	-
Benzodiazepine-based tranquilizers (E853.2)	38	24	14	20	12	4	2	4	1
Other (E853.8)	9	8	1	7	1	1	-	1	-
Unspecified (E853.9)	4	1	3	1	3	-	-	-	-
Accidental poisoning by other psychotropic agents (E854)	217	128	89	112	81	16	8	12	7
Antidepressants (E854.0)	142	65	77	54	71	11	6	9	6
Psychodysleptics (hallucinogens) (E854.1)	3	3	-	2	-	1	-	1	-
Psychostimulants (E854.2)	71	60	11	56	9	4	2	2	1
Central nervous system stimulants (E854.3)	1	-	1	-	1	-	-	-	-
Accidental poisoning by other drugs acting on central and autonomic nervous systems (E855)	821	626	195	364	99	262	96	249	93
Anticonvulsant and anti-Parkinsonism drugs (E855.0)	26	12	14	7	10	5	4	5	4
Other central nervous system depressants (E855.1)	37	34	3	28	2	6	1	6	1
Local anesthetics (E855.2)	743	573	170	323	80	250	90	237	87
Parasympathomimetics (cholinergics) (E855.3)	-	-	-	-	-	-	-	-	-
Parasympatholytics (anticholinergics and antimuscarinics) and spasmolytics (E855.4)	1	-	1	-	1	-	-	-	-
Sympathomimetics (adrenergics) (E855.5)	2	1	1	1	1	-	-	-	-
Sympatholytics (antiadrenergics) (E855.6)	-	-	-	-	-	-	-	-	-
Other (E855.8)	12	6	6	5	5	1	1	1	1
Unspecified (E855.9)	-	-	-	-	-	-	-	-	-
Accidental poisoning by antibiotics (E856)	51	25	26	25	23	-	3	-	2
Accidental poisoning by anti-infectives (E857)	7	3	4	3	4	-	-	-	-
Accidental poisoning by other drugs (E858)	2,017	1,288	729	1,034	593	254	136	235	127
Hormones and synthetic substitutes (E858.0)	20	15	5	13	5	2	-	2	-
Primarily systemic agents (E858.1)	30	11	19	11	16	-	3	-	3
Agents primarily affecting blood constituents (E858.2)	35	15	20	11	13	4	7	4	6
Agents primarily affecting cardiovascular system (E858.3)	257	104	153	82	138	22	15	19	14
Agents primarily affecting gastrointestinal system (E858.4)	3	3	-	2	-	1	-	1	-
Water, mineral, and uric acid metabolism drugs (E858.5)	112	61	51	53	48	8	3	7	2
Agents primarily acting on the smooth and skeletal muscles and respiratory system (E858.6)	14	8	6	6	6	2	-	1	-
Agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs (E858.7)	4	1	3	1	2	-	1	-	1
Other (E858.8)	796	577	219	445	162	132	57	121	54
Unspecified (E858.9)	746	493	253	410	203	83	50	80	47
Accidental poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	1,297	1,038	259	867	198	171	61	146	51
Accidental poisoning by alcohol, not elsewhere classified (E860)	369	287	82	222	58	65	24	55	20
Alcoholic beverages (E860.0)	11	10	1	9	1	1	-	-	-
Other and unspecified ethyl alcohol and its products (E860.1)	168	134	34	98	25	36	9	30	8
Methyl alcohol (E860.2)	23	13	10	11	6	2	4	1	2
Isopropyl alcohol (E860.3)	20	16	4	11	2	5	2	5	2
Fusel oil (E860.4)	-	-	-	-	-	-	-	-	-
Other (E860.8)	3	3	-	2	-	1	-	1	-
Unspecified (E860.9)	144	111	33	91	24	20	9	18	8
Accidental poisoning by cleansing and polishing agents, disinfectants, paints, and varnishes (E861)	15	13	2	10	1	3	1	1	1
Synthetic detergents and shampoos (E861.0)	2	1	1	1	-	-	1	-	1
Soap products (E861.1)	1	1	-	1	-	-	-	-	-
Polishes (E861.2)	3	3	-	1	-	2	-	1	-
Other cleansing and polishing agents (E861.3)	4	3	1	3	1	-	-	-	-
Disinfectants (E861.4)	4	4	-	3	-	1	-	-	-
Lead paints (E861.5)	-	-	-	-	-	-	-	-	-
Other paints and varnishes (E861.6)	1	1	-	1	-	-	-	-	-
Unspecified (E861.9)	-	-	-	-	-	-	-	-	-
Accidental poisoning by petroleum products, other solvents, and their vapors, not elsewhere classified (E862)	80	70	10	64	9	6	1	5	-
Petroleum solvents (E862.0)	1	-	1	-	1	-	-	-	-
Petroleum fuels and cleaners (E862.1)	10	9	1	7	-	2	1	2	-
Lubricating oils (E862.2)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	1.8	2.6	1.1	2.4	1.0	3.8	1.5	4.7	1.8
Accidental poisoning by analgesics, antipyretics, antirheumatics (E850)	.5	.8	.2	.8	.2	1.0	.3	1.2	.3
Opiates and related narcotics (E850.0)	.4	.7	.1	.6	.1	.9	.2	1.1	.2
Salicylates (E850.1)	.0	*	.0	*	*	*	*	*	*
Aromatic analgesics, not elsewhere classified (E850.2)	.0	.0	.0	.0	.0	*	*	*	*
Pyrazole derivatives (E850.3)	*	*	*	*	*	*	*	*	*
Antirheumatics (antiphlogistics) (E850.4)	*	*	*	*	*	*	*	*	*
Other non-narcotic analgesics (E850.5)	.0	.0	.0	.0	.0	*	*	*	*
Other (E850.8)	.1	.1	*	.1	*	*	*	*	*
Unspecified (E850.9)	*	*	*	*	*	*	*	*	*
Accidental poisoning by barbiturates (E851)	.0	*	*	*	*	*	*	*	*
Accidental poisoning by other sedatives and hypnotics (E852)	.0	*	*	*	*	*	*	*	*
Chloral hydrate group (E852.0)	*	*	*	*	*	*	*	*	*
Paraldehyde (E852.1)	*	*	*	*	*	*	*	*	*
Bromine compounds (E852.2)	*	*	*	*	*	*	*	*	*
Methaqualone compounds (E852.3)	*	*	*	*	*	*	*	*	*
Glutethimide group (E852.4)	*	*	*	*	*	*	*	*	*
Mixed sedatives, not elsewhere classified (E852.5)	*	*	*	*	*	*	*	*	*
Other (E852.8)	*	*	*	*	*	*	*	*	*
Unspecified (E852.9)	*	*	*	*	*	*	*	*	*
Accidental poisoning by tranquilizers (E853)	.0	.0	.0	.0	.0	*	*	*	*
Phenothiazine-based tranquilizers (E853.0)	*	*	*	*	*	*	*	*	*
Butyrophenone-based tranquilizers (E853.1)	*	*	*	*	*	*	*	*	*
Benzodiazepine-based tranquilizers (E853.2)	.0	.0	*	.0	*	*	*	*	*
Other (E853.8)	*	*	*	*	*	*	*	*	*
Unspecified (E853.9)	*	*	*	*	*	*	*	*	*
Accidental poisoning by other psychotropic agents (E854)	.1	.1	.1	.1	.1	*	*	*	*
Antidepressants (E854.0)	.1	.1	.1	.1	.1	*	*	*	*
Psychodysleptics (hallucinogens) (E854.1)	*	*	*	*	*	*	*	*	*
Psychostimulants (E854.2)	.0	.0	*	.1	*	*	*	*	*
Central nervous system stimulants (E854.3)	*	*	*	*	*	*	*	*	*
Accidental poisoning by other drugs acting on central and autonomic nervous systems (E855)	.3	.5	.2	.4	.1	1.4	.5	1.7	.6
Anticonvulsant and anti-Parkinsonism drugs (E855.0)	.0	*	*	*	*	*	*	*	*
Other central nervous system depressants (E855.1)	.0	.0	*	.0	*	*	*	*	*
Local anesthetics (E855.2)	.3	.5	.1	.3	.1	1.3	.4	1.6	.5
Parasympathomimetics (cholinergics) (E855.3)	*	*	*	*	*	*	*	*	*
Parasympatholytics (anticholinergics and antimuscarinics) and spasmolytics (E855.4)	*	*	*	*	*	*	*	*	*
Sympathomimetics (adrenergics) (E855.5)	*	*	*	*	*	*	*	*	*
Sympatholytics (antiadrenergics) (E855.6)	*	*	*	*	*	*	*	*	*
Other (E855.8)	*	*	*	*	*	*	*	*	*
Unspecified (E855.9)	*	*	*	*	*	*	*	*	*
Accidental poisoning by antibiotics (E856)	.0	.0	.0	.0	.0	*	*	*	*
Accidental poisoning by anti-infectives (E857)	*	*	*	*	*	*	*	*	*
Accidental poisoning by other drugs (E858)	.8	1.1	.6	1.0	.6	1.3	.7	1.6	.8
Hormones and synthetic substitutes (E858.0)	.0	*	*	*	*	*	*	*	*
Primarily systemic agents (E858.1)	.0	*	*	*	*	*	*	*	*
Agents primarily affecting blood constituents (E858.2)	.0	*	.0	*	*	*	*	*	*
Agents primarily affecting cardiovascular system (E858.3)	.1	.1	.1	.1	.1	.1	*	*	*
Agents primarily affecting gastrointestinal system (E858.4)	*	*	*	*	*	*	*	*	*
Water, mineral, and uric acid metabolism drugs (E858.5)	.0	.1	.0	.1	.0	*	*	*	*
Agents primarily acting on the smooth and skeletal muscles and respiratory system (E858.6)	*	*	*	*	*	*	*	*	*
Agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs (E858.7)	*	*	*	*	*	*	*	*	*
Other (E858.8)	.3	.5	.2	.4	.2	.7	.3	.8	.3
Unspecified (E858.9)	.3	.4	.2	.4	.2	.4	.2	.6	.3
Accidental poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	.5	.9	.2	.8	.2	.9	.3	1.0	.3
Accidental poisoning by alcohol, not elsewhere classified (E860)	.1	.2	.1	.2	.1	.3	.1	.4	.1
Alcoholic beverages (E860.0)	*	*	*	*	*	*	*	*	*
Other and unspecified ethyl alcohol and its products (E860.1)	.1	.1	.0	.1	.0	.2	*	.2	*
Methyl alcohol (E860.2)	.0	*	*	*	*	*	*	*	*
Isopropyl alcohol (E860.3)	.0	*	*	*	*	*	*	*	*
Fusel oil (E860.4)	*	*	*	*	*	*	*	*	*
Other (E860.8)	*	*	*	*	*	*	*	*	*
Unspecified (E860.9)	.1	.1	.0	.1	.0	.1	*	*	*
Accidental poisoning by cleansing and polishing agents, disinfectants, paints, and varnishes (E861)	*	*	*	*	*	*	*	*	*
Synthetic detergents and shampoos (E861.0)	*	*	*	*	*	*	*	*	*
Soap products (E861.1)	*	*	*	*	*	*	*	*	*
Polishes (E861.2)	*	*	*	*	*	*	*	*	*
Other cleansing and polishing agents (E861.3)	*	*	*	*	*	*	*	*	*
Disinfectants (E861.4)	*	*	*	*	*	*	*	*	*
Lead paints (E861.5)	*	*	*	*	*	*	*	*	*
Other paints and varnishes (E861.6)	*	*	*	*	*	*	*	*	*
Unspecified (E861.9)	*	*	*	*	*	*	*	*	*
Accidental poisoning by petroleum products, other solvents, and their vapors, not elsewhere classified (E862)	.0	.1	*	.1	*	*	*	*	*
Petroleum solvents (E862.0)	*	*	*	*	*	*	*	*	*
Petroleum fuels and cleaners (E862.1)	*	*	*	*	*	*	*	*	*
Lubricating oils (E862.2)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Accidental poisoning by petroleum products, other solvents, and their vapors, not elsewhere classified-Con.									
Petroleum solids (E862.3)	-	-	-	-	-	-	-	-	-
Other solvents (E862.4)	66	58	8	54	8	4	-	3	-
Unspecified (E862.9)	3	3	-	3	-	-	-	-	-
Accidental poisoning by agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E863)	10	8	2	2	2	6	-	5	-
Insecticides of organochlorine compounds (E863.0)	-	-	-	-	-	-	-	-	-
Insecticides of organophosphorus compounds (E863.1)	4	2	2	-	2	2	-	2	-
Carbamates (E863.2)	-	-	-	-	-	-	-	-	-
Mixtures of insecticides (E863.3)	-	-	-	-	-	-	-	-	-
Other and unspecified insecticides (E863.4)	-	-	-	-	-	-	-	-	-
Herbicides (E863.5)	1	1	-	1	-	-	-	-	-
Fungicides (E863.6)	-	-	-	-	-	-	-	-	-
Rodenticides (E863.7)	2	2	-	-	-	2	-	1	-
Fumigants (E863.8)	1	1	-	-	-	1	-	1	-
Other and unspecified (E863.9)	2	2	-	1	-	1	-	1	-
Accidental poisoning by corrosives and caustics, not elsewhere classified (E864)	12	8	4	7	4	1	-	1	-
Corrosive aromatics (E864.0)	2	2	-	2	-	-	-	-	-
Acids (E864.1)	4	3	1	3	1	-	-	-	-
Caustic alkalis (E864.2)	2	2	-	1	-	1	-	1	-
Other (E864.3)	2	-	2	-	2	-	-	-	-
Unspecified (E864.4)	2	1	1	1	1	-	-	-	-
Accidental poisoning from foodstuffs and poisonous plants (E865)	12	6	6	6	4	-	2	-	2
Meat (E865.0)	-	-	-	-	-	-	-	-	-
Shellfish (E865.1)	1	1	-	1	-	-	-	-	-
Other fish (E865.2)	-	-	-	-	-	-	-	-	-
Berries and seeds (E865.3)	-	-	-	-	-	-	-	-	-
Other plants (E865.4)	3	1	2	1	1	-	1	-	1
Mushrooms and other fungi (E865.5)	1	-	1	-	1	-	-	-	-
Other food (E865.8)	1	1	-	1	-	-	-	-	-
Unspecified (E865.9)	6	3	3	3	2	-	1	-	1
Accidental poisoning by other and unspecified solid and liquid substances (E866)	51	35	16	28	13	7	3	6	3
Lead and its compounds and fumes (E866.0)	4	4	-	2	-	2	-	2	-
Mercury and its compounds and fumes (E866.1)	-	-	-	-	-	-	-	-	-
Antimony and its compounds and fumes (E866.2)	-	-	-	-	-	-	-	-	-
Arsenic and its compounds and fumes (E866.3)	1	1	-	-	-	1	-	1	-
Other metals and their compounds and fumes (E866.4)	22	11	11	8	8	3	3	3	3
Plant foods and fertilizers (E866.5)	-	-	-	-	-	-	-	-	-
Glues and adhesives (E866.6)	1	1	-	1	-	-	-	-	-
Cosmetics (E866.7)	-	-	-	-	-	-	-	-	-
Other (E866.8)	13	9	4	8	4	1	-	-	-
Unspecified (E866.9)	10	9	1	9	1	-	-	-	-
Accidental poisoning by gas distributed by pipeline (E867)	33	22	11	18	7	4	4	4	4
Accidental poisoning by other utility gas and other carbon monoxide (E868)	582	474	108	414	89	60	19	52	15
Liquefied petroleum gas distributed in mobile containers (E868.0)	54	49	5	46	5	3	-	2	-
Other and unspecified utility gas (E868.1)	16	13	3	10	3	3	-	2	-
Motor vehicle exhaust gas (E868.2)	293	245	48	218	42	27	6	25	5
Carbon monoxide from incomplete combustion of other domestic fuels (E868.3)	85	57	28	45	22	12	6	9	5
Carbon monoxide from other sources (E868.8)	11	9	2	6	2	3	-	2	-
Unspecified carbon monoxide (E868.9)	123	101	22	89	15	12	7	12	5
Accidental poisoning by other gases and vapors (E869)	133	115	18	96	11	19	7	17	6
Nitrogen oxides (E869.0)	6	6	-	6	-	-	-	-	-
Sulphur dioxide (E869.1)	-	-	-	-	-	-	-	-	-
Freon (E869.2)	21	21	-	21	-	-	-	-	-
Lacrimogenic gas (tear gas) (E869.3)	2	2	-	2	-	-	-	-	-
Other specified gases and vapors (E869.8)	95	77	18	60	11	17	7	16	6
Unspecified gases and vapors (E869.9)	9	9	-	7	-	2	-	1	-
Misadventures to patients during surgical and medical care (E870-E876)	418	196	222	163	195	33	27	26	25
Accidental cut, puncture, perforation, or hemorrhage during medical care (E870)	326	148	178	126	162	22	16	15	14
Surgical operation (E870.0)	160	80	80	73	77	7	3	-	3
Infusion or transfusion (E870.1)	2	2	-	2	-	-	-	-	-
Kidney dialysis or other perfusion (E870.2)	6	3	3	1	3	2	-	2	-
Injection or vaccination (E870.3)	-	-	-	-	-	-	-	-	-
Endoscopic examination (E870.4)	30	9	21	7	18	2	3	2	2
Aspiration of fluid or tissue, puncture, and catheterization (any except heart catheterization) (E870.5)	31	14	17	12	14	2	3	2	2
Heart catheterization (E870.6)	19	3	16	3	13	-	3	-	3
Administration of enema (E870.7)	7	3	4	2	4	1	-	1	-
Other (E870.8)	60	29	31	21	29	8	2	8	2
Unspecified (E870.9)	11	5	6	5	4	-	2	-	2
Foreign object left in body during procedure (E871)	4	1	3	1	3	-	-	-	-
Surgical operation (E871.0)	2	1	1	1	1	-	-	-	-
Infusion or transfusion (E871.1)	-	-	-	-	-	-	-	-	-
Kidney dialysis or other perfusion (E871.2)	-	-	-	-	-	-	-	-	-
Injection or vaccination (E871.3)	-	-	-	-	-	-	-	-	-
Endoscopic examination (E871.4)	-	-	-	-	-	-	-	-	-
Aspiration of fluid or tissue, puncture, and catheterization (any except heart catheterization) (E871.5)	-	-	-	-	-	-	-	-	-
Heart catheterization (E871.6)	-	-	-	-	-	-	-	-	-
Removal of catheter or packing (E871.7)	1	-	1	-	1	-	-	-	-
Other (E871.8)	-	-	-	-	-	-	-	-	-
Unspecified (E871.9)	1	-	1	-	1	-	-	-	-
Failure of sterile precautions during procedure (E872)	1	-	1	-	1	-	-	-	-
Surgical operation (E872.0)	-	-	-	-	-	-	-	-	-
Infusion or transfusion (E872.1)	-	-	-	-	-	-	-	-	-
Kidney dialysis and other perfusion (E872.2)	-	-	-	-	-	-	-	-	-
Injection or vaccination (E872.3)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Accidental poisoning by petroleum products, other solvents, and their vapors, not elsewhere classified-Con.									
Petroleum solids (E862.3)	*	*	*	*	*	*	*	*	*
Other solvents (E862.4)	0.0	0.0	*	0.1	*	*	*	*	*
Unspecified (E862.9)	*	*	*	*	*	*	*	*	*
Accidental poisoning by agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E863)	*	*	*	*	*	*	*	*	*
Insecticides of organochlorine compounds (E863.0)	*	*	*	*	*	*	*	*	*
Insecticides of organophosphorus compounds (E863.1)	*	*	*	*	*	*	*	*	*
Carbamates (E863.2)	*	*	*	*	*	*	*	*	*
Mixtures of insecticides (E863.3)	*	*	*	*	*	*	*	*	*
Other and unspecified insecticides (E863.4)	*	*	*	*	*	*	*	*	*
Herbicides (E863.5)	*	*	*	*	*	*	*	*	*
Fungicides (E863.6)	*	*	*	*	*	*	*	*	*
Rodenticides (E863.7)	*	*	*	*	*	*	*	*	*
Fumigants (E863.8)	*	*	*	*	*	*	*	*	*
Other and unspecified (E863.9)	*	*	*	*	*	*	*	*	*
Accidental poisoning by corrosives and caustics, not elsewhere classified (E864)	*	*	*	*	*	*	*	*	*
Corrosive aromatics (E864.0)	*	*	*	*	*	*	*	*	*
Acids (E864.1)	*	*	*	*	*	*	*	*	*
Caustic alkalis (E864.2)	*	*	*	*	*	*	*	*	*
Other (E864.3)	*	*	*	*	*	*	*	*	*
Unspecified (E864.4)	*	*	*	*	*	*	*	*	*
Accidental poisoning from foodstuffs and poisonous plants (E865)	*	*	*	*	*	*	*	*	*
Meat (E865.0)	*	*	*	*	*	*	*	*	*
Shellfish (E865.1)	*	*	*	*	*	*	*	*	*
Other fish (E865.2)	*	*	*	*	*	*	*	*	*
Berries and seeds (E865.3)	*	*	*	*	*	*	*	*	*
Other plants (E865.4)	*	*	*	*	*	*	*	*	*
Mushrooms and other fungi (E865.5)	*	*	*	*	*	*	*	*	*
Other food (E865.8)	*	*	*	*	*	*	*	*	*
Unspecified (E865.9)	*	*	*	*	*	*	*	*	*
Accidental poisoning by other and unspecified solid and liquid substances (E866)	.0	.0	*	.0	*	*	*	*	*
Lead and its compounds and fumes (E866.0)	*	*	*	*	*	*	*	*	*
Mercury and its compounds and fumes (E866.1)	*	*	*	*	*	*	*	*	*
Antimony and its compounds and fumes (E866.2)	*	*	*	*	*	*	*	*	*
Arsenic and its compounds and fumes (E866.3)	*	*	*	*	*	*	*	*	*
Other metals and their compounds and fumes (E866.4)	.0	*	*	*	*	*	*	*	*
Plant foods and fertilizers (E866.5)	*	*	*	*	*	*	*	*	*
Glues and adhesives (E866.6)	*	*	*	*	*	*	*	*	*
Cosmetics (E866.7)	*	*	*	*	*	*	*	*	*
Other (E866.8)	*	*	*	*	*	*	*	*	*
Unspecified (E866.9)	*	*	*	*	*	*	*	*	*
Accidental poisoning by gas distributed by pipeline (E867)	.0	.0	*	*	*	*	*	*	*
Accidental poisoning by other utility gas and other carbon monoxide (E868)	.2	.4	0.1	.4	0.1	0.3	*	0.4	*
Liquefied petroleum gas distributed in mobile containers (E868.0)	.0	.0	*	.0	*	*	*	*	*
Other and unspecified utility gas (E868.1)	*	*	*	*	*	*	*	*	*
Motor vehicle exhaust gas (E868.2)	.1	.2	.0	.2	.0	.1	*	.2	*
Carbon monoxide from incomplete combustion of other domestic fuels (E868.3)	.0	.0	.0	.0	.0	*	*	*	*
Carbon monoxide from other sources (E868.8)	*	*	*	*	*	*	*	*	*
Unspecified carbon monoxide (E868.9)	.0	.1	.0	.1	*	*	*	*	*
Accidental poisoning by other gases and vapors (E869)	.1	.1	*	.1	*	*	*	*	*
Nitrogen oxides (E869.0)	*	*	*	*	*	*	*	*	*
Sulphur dioxide (E869.1)	*	*	*	*	*	*	*	*	*
Freon (E869.2)	.0	.0	*	.0	*	*	*	*	*
Lacrimogenic gas (tear gas) (E869.3)	*	*	*	*	*	*	*	*	*
Other specified gases and vapors (E869.8)	.0	.1	*	.1	*	*	*	*	*
Unspecified gases and vapors (E869.9)	*	*	*	*	*	*	*	*	*
Misadventures to patients during surgical and medical care (E870-E876)	.2	.2	.2	.2	.2	.2	0.1	.2	0.2
Accidental cut, puncture, perforation, or hemorrhage during medical care (E870)	.1	.1	.1	.1	.2	.1	*	*	*
Surgical operation (E870.0)	.1	.1	.1	.1	.1	*	*	*	*
Infusion or transfusion (E870.1)	*	*	*	*	*	*	*	*	*
Kidney dialysis or other perfusion (E870.2)	*	*	*	*	*	*	*	*	*
Injection or vaccination (E870.3)	*	*	*	*	*	*	*	*	*
Endoscopic examination (E870.4)	.0	*	.0	*	*	*	*	*	*
Aspiration of fluid or tissue, puncture, and catheterization (any except heart catheterization) (E870.5)	.0	*	*	*	*	*	*	*	*
Heart catheterization (E870.6)	*	*	*	*	*	*	*	*	*
Administration of enema (E870.7)	*	*	*	*	*	*	*	*	*
Other (E870.8)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified (E870.9)	*	*	*	*	*	*	*	*	*
Foreign object left in body during procedure (E871)	*	*	*	*	*	*	*	*	*
Surgical operation (E871.0)	*	*	*	*	*	*	*	*	*
Infusion or transfusion (E871.1)	*	*	*	*	*	*	*	*	*
Kidney dialysis or other perfusion (E871.2)	*	*	*	*	*	*	*	*	*
Injection or vaccination (E871.3)	*	*	*	*	*	*	*	*	*
Endoscopic examination (E871.4)	*	*	*	*	*	*	*	*	*
Aspiration of fluid or tissue, puncture, and catheterization (any except heart catheterization) (E871.5)	*	*	*	*	*	*	*	*	*
Heart catheterization (E871.6)	*	*	*	*	*	*	*	*	*
Removal of catheter or packing (E871.7)	*	*	*	*	*	*	*	*	*
Other (E871.8)	*	*	*	*	*	*	*	*	*
Unspecified (E871.9)	*	*	*	*	*	*	*	*	*
Failure of sterile precautions during procedure (E872)	*	*	*	*	*	*	*	*	*
Surgical operation (E872.0)	*	*	*	*	*	*	*	*	*
Infusion or transfusion (E872.1)	*	*	*	*	*	*	*	*	*
Kidney dialysis and other perfusion (E872.2)	*	*	*	*	*	*	*	*	*
Injection or vaccination (E872.3)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Failure of sterile precautions during procedure-Con.									
Endoscopic examination (E872.4)	–	–	–	–	–	–	–	–	–
Aspiration of fluid or tissue, puncture, and catheterization (any except heart catheterization) (E872.5)	1	–	1	–	1	–	–	–	–
Heart catheterization (E872.6)	–	–	–	–	–	–	–	–	–
Other (E872.8)	–	–	–	–	–	–	–	–	–
Unspecified (E872.9)	–	–	–	–	–	–	–	–	–
Failure in dosage (E873)	6	3	3	3	3	–	–	–	–
Excessive amount of blood or other fluid during transfusion or infusion (E873.0)	–	–	–	–	–	–	–	–	–
Incorrect dilution of fluid during infusion (E873.1)	–	–	–	–	–	–	–	–	–
Overdose of radiation in therapy (E873.2)	1	1	–	1	–	–	–	–	–
Inadvertent exposure of patient to radiation during medical care (E873.3)	1	1	–	1	–	–	–	–	–
Failure in dosage in electroshock or insulin-shock therapy (E873.4)	–	–	–	–	–	–	–	–	–
Inappropriate (too hot or too cold) temperature in local application and packing (E873.5)	2	–	2	–	2	–	–	–	–
Nonadministration of necessary drug or medicament (E873.6)	–	–	–	–	–	–	–	–	–
Other (E873.8)	2	1	1	1	1	–	–	–	–
Unspecified (E873.9)	–	–	–	–	–	–	–	–	–
Mechanical failure of instrument or apparatus during procedure (E874)	6	4	2	4	2	–	–	–	–
Surgical operation (E874.0)	2	1	1	1	1	–	–	–	–
Infusion and transfusion (E874.1)	1	–	1	–	1	–	–	–	–
Kidney dialysis and other perfusion (E874.2)	1	1	–	1	–	–	–	–	–
Endoscopic examination (E874.3)	–	–	–	–	–	–	–	–	–
Aspiration of fluid or tissue, puncture, and catheterization (any except heart catheterization) (E874.4)	2	2	–	2	–	–	–	–	–
Heart catheterization (E874.5)	–	–	–	–	–	–	–	–	–
Other (E874.8)	–	–	–	–	–	–	–	–	–
Unspecified (E874.9)	–	–	–	–	–	–	–	–	–
Contaminated or infected blood, other fluid, drug, or biological substance (E875)	4	1	3	1	3	–	–	–	–
Contaminated substance transfused or infused (E875.0)	3	–	3	–	3	–	–	–	–
Contaminated substance injected or used for vaccination (E875.1)	–	–	–	–	–	–	–	–	–
Contaminated drug or biological substance administered by other means (E875.2)	–	–	–	–	–	–	–	–	–
Other (E875.8)	–	–	–	–	–	–	–	–	–
Unspecified (E875.9)	1	1	–	1	–	–	–	–	–
Other and unspecified misadventures during medical care (E876)	71	39	32	28	21	11	11	11	11
Mismatched blood in transfusion (E876.0)	5	2	3	–	1	2	2	2	2
Wrong fluid in infusion (E876.1)	1	–	1	–	–	–	1	–	1
Failure in suture and ligature during surgical operation (E876.2)	1	1	–	1	–	–	–	–	–
Endotracheal tube wrongly placed during anesthetic procedure (E876.3)	4	2	2	2	2	–	–	–	–
Failure to introduce or to remove other tube or instrument (E876.4)	–	–	–	–	–	–	–	–	–
Performance of inappropriate operation (E876.5)	–	–	–	–	–	–	–	–	–
Other specified misadventures (E876.8)	55	32	23	24	15	8	8	8	8
Unspecified misadventure (E876.9)	5	2	3	1	3	1	–	1	–
Surgical and medical procedures as the cause of abnormal reaction of patient or later complication, without mention of misadventure at the time of procedure (E878-E879)	2,251	1,056	1,195	891	996	165	199	150	188
Surgical operation and other surgical procedures as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at the time of operation (E878)	1,837	878	959	747	802	131	157	121	148
Surgical operation with transplant of whole organ (E878.0)	32	16	16	15	13	1	3	1	3
Surgical operation with implant of artificial internal device (E878.1)	254	132	122	117	108	15	14	15	13
Surgical operation with anastomosis, bypass, or graft with natural or artificial tissues used as implant (E878.2)	157	85	72	74	62	11	10	8	10
Surgical operation with formation of external stoma (E878.3)	123	49	74	43	56	6	18	6	15
Other restorative surgery (E878.4)	113	51	62	47	55	4	7	4	7
Amputation of limb(s) (E878.5)	240	123	117	88	86	35	31	33	30
Removal of other organ (partial) (total) (E878.6)	172	81	91	65	74	16	17	15	16
Other (E878.8)	150	71	79	62	68	9	11	9	9
Unspecified (E878.9)	596	270	326	236	280	34	46	30	45
Other procedures, without mention of misadventure at the time of procedure, as the cause of abnormal reaction of patient, or of later complication (E879)	414	178	236	144	194	34	42	29	40
Cardiac catheterization (E879.0)	14	9	5	7	4	2	1	2	1
Kidney dialysis (E879.1)	15	7	8	4	6	3	2	2	2
Radiological procedure and radiotherapy (E879.2)	9	2	7	2	7	–	–	–	–
Shock therapy (E879.3)	–	–	–	–	–	–	–	–	–
Aspiration of fluid (E879.4)	3	2	1	2	–	–	1	–	–
Insertion of gastric or duodenal sound (E879.5)	–	–	–	–	–	–	–	–	–
Urinary catheterization (E879.6)	117	53	64	45	54	8	10	7	10
Blood sampling (E879.7)	–	–	–	–	–	–	–	–	–
Other (E879.8)	246	101	145	80	118	21	27	18	26
Unspecified (E879.9)	10	4	6	4	5	–	1	–	1
Accidental falls (E880-E888)	12,313	6,311	6,002	5,565	5,566	746	436	629	376
Fall on or from stairs or steps (E880)	1,148	683	465	585	439	98	26	88	23
Escalator (E880.0)	3	3	–	3	–	–	–	–	–
Other stairs or steps (E880.9)	1,145	680	465	582	439	98	26	88	23
Fall on or from ladders or scaffolding (E881)	316	295	21	273	21	22	–	16	–
Fall from ladder (E881.0)	230	211	19	195	19	16	–	11	–
Fall from scaffolding (E881.1)	86	84	2	78	2	6	–	5	–
Fall from or out of building or other structure (E882)	615	535	80	441	62	94	18	84	15
Fall into hole or other opening in surface (E883)	84	72	12	63	9	9	3	8	3
Accident from diving or jumping into water (swimming pool) (E883.0)	25	21	4	20	3	1	1	1	1
Accidental fall into well (E883.1)	–	–	–	–	–	–	–	–	–
Accidental fall into storm drain or manhole (E883.2)	2	2	–	2	–	–	–	–	–
Fall into other hole or other opening in surface (E883.9)	57	49	8	41	6	8	2	7	2
Other falls from one level to another (E884)	1,031	688	343	611	304	77	39	58	32
Fall from playground equipment (E884.0)	7	4	3	4	–	–	3	–	3
Fall from cliff (E884.1)	112	99	13	92	11	7	2	1	1

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Failure of sterile precautions during procedure-Con.									
Endoscopic examination (E872.4)	*	*	*	*	*	*	*	*	*
Aspiration of fluid or tissue, puncture, and catheterization (any except heart catheterization) (E872.5)	*	*	*	*	*	*	*	*	*
Heart catheterization (E872.6)	*	*	*	*	*	*	*	*	*
Other (E872.8)	*	*	*	*	*	*	*	*	*
Unspecified (E872.9)	*	*	*	*	*	*	*	*	*
Failure in dosage (E873)	*	*	*	*	*	*	*	*	*
Excessive amount of blood or other fluid during transfusion or infusion (E873.0)	*	*	*	*	*	*	*	*	*
Incorrect dilution of fluid during infusion (E873.1)	*	*	*	*	*	*	*	*	*
Overdose of radiation in therapy (E873.2)	*	*	*	*	*	*	*	*	*
Inadvertent exposure of patient to radiation during medical care (E873.3)	*	*	*	*	*	*	*	*	*
Failure in dosage in electroshock or insulin-shock therapy (E873.4)	*	*	*	*	*	*	*	*	*
Inappropriate (too hot or too cold) temperature in local application and packing (E873.5)	*	*	*	*	*	*	*	*	*
Nonadministration of necessary drug or medicament (E873.6)	*	*	*	*	*	*	*	*	*
Other (E873.8)	*	*	*	*	*	*	*	*	*
Unspecified (E873.9)	*	*	*	*	*	*	*	*	*
Mechanical failure of instrument or apparatus during procedure (E874)	*	*	*	*	*	*	*	*	*
Surgical operation (E874.0)	*	*	*	*	*	*	*	*	*
Infusion and transfusion (E874.1)	*	*	*	*	*	*	*	*	*
Kidney dialysis and other perfusion (E874.2)	*	*	*	*	*	*	*	*	*
Endoscopic examination (E874.3)	*	*	*	*	*	*	*	*	*
Aspiration of fluid or tissue, puncture, and catheterization (any except heart catheterization) (E874.4)	*	*	*	*	*	*	*	*	*
Heart catheterization (E874.5)	*	*	*	*	*	*	*	*	*
Other (E874.8)	*	*	*	*	*	*	*	*	*
Unspecified (E874.9)	*	*	*	*	*	*	*	*	*
Contaminated or infected blood, other fluid, drug, or biological substance (E875)	*	*	*	*	*	*	*	*	*
Contaminated substance transfused or infused (E875.0)	*	*	*	*	*	*	*	*	*
Contaminated substance injected or used for vaccination (E875.1)	*	*	*	*	*	*	*	*	*
Contaminated drug or biological substance administered by other means (E875.2)	*	*	*	*	*	*	*	*	*
Other (E875.8)	*	*	*	*	*	*	*	*	*
Unspecified (E875.9)	*	*	*	*	*	*	*	*	*
Other and unspecified misadventures during medical care (E876)	0.0	0.0	0.0	0.0	0.0	*	*	*	*
Mismatched blood in transfusion (E876.0)	*	*	*	*	*	*	*	*	*
Wrong fluid in infusion (E876.1)	*	*	*	*	*	*	*	*	*
Failure in suture and ligature during surgical operation (E876.2)	*	*	*	*	*	*	*	*	*
Endotracheal tube wrongly placed during anesthetic procedure (E876.3)	*	*	*	*	*	*	*	*	*
Failure to introduce or to remove other tube or instrument (E876.4)	*	*	*	*	*	*	*	*	*
Performance of inappropriate operation (E876.5)	*	*	*	*	*	*	*	*	*
Other specified misadventures (E876.8)	.0	.0	.0	.0	*	*	*	*	*
Unspecified misadventure (E876.9)	*	*	*	*	*	*	*	*	*
Surgical and medical procedures as the cause of abnormal reaction of patient or later complication, without mention of misadventure at the time of procedure (E878-E879)	.9	.9	.9	.9	.9	0.9	1.0	1.0	1.2
Surgical operation and other surgical procedures as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at the time of operation (E878)	.7	.7	.8	.7	.8	.7	.8	.8	.9
Surgical operation with transplant of whole organ (E878.0)	.0	*	*	*	*	*	*	*	*
Surgical operation with implant of artificial internal device (E878.1)	.1	.1	.1	.1	.1	*	*	*	*
Surgical operation with anastomosis, bypass, or graft with natural or artificial tissues used as implant (E878.2)	.1	.1	.1	.1	.1	*	*	*	*
Surgical operation with formation of external stoma (E878.3)	.0	.0	.1	.0	.1	*	*	*	*
Other restorative surgery (E878.4)	.0	.0	.0	.0	.1	*	*	*	*
Amputation of limb(s) (E878.5)	.1	.1	.1	.1	.1	.2	.1	.2	.2
Removal of other organ (partial) (total) (E878.6)	.1	.1	.1	.1	.1	*	*	*	*
Other (E878.8)	.1	.1	.1	.1	.1	*	*	*	*
Unspecified (E878.9)	.2	.2	.3	.2	.3	.2	.2	.2	.3
Other procedures, without mention of misadventure at the time of procedure, as the cause of abnormal reaction of patient, or of later complication (E879)	.2	.1	.2	.1	.2	.2	.2	.2	.2
Cardiac catheterization (E879.0)	*	*	*	*	*	*	*	*	*
Kidney dialysis (E879.1)	*	*	*	*	*	*	*	*	*
Radiological procedure and radiotherapy (E879.2)	*	*	*	*	*	*	*	*	*
Shock therapy (E879.3)	*	*	*	*	*	*	*	*	*
Aspiration of fluid (E879.4)	*	*	*	*	*	*	*	*	*
Insertion of gastric or duodenal sound (E879.5)	*	*	*	*	*	*	*	*	*
Urinary catheterization (E879.6)	.0	.0	.1	.0	.1	*	*	*	*
Blood sampling (E879.7)	*	*	*	*	*	*	*	*	*
Other (E879.8)	.1	.1	.1	.1	.1	.1	.1	*	.2
Unspecified (E879.9)	*	*	*	*	*	*	*	*	*
Accidental falls (E880-E888)	5.0	5.2	4.7	5.4	5.2	3.9	2.1	4.4	2.3
Fall on or from stairs or steps (E880)	.5	.6	.4	.6	.4	.5	.1	.6	.1
Escalator (E880.0)	*	*	*	*	*	*	*	*	*
Other stairs or steps (E880.9)	.5	.6	.4	.6	.4	.5	.1	.6	.1
Fall on or from ladders or scaffolding (E881)	.1	.2	.0	.3	.0	.1	*	*	*
Fall from ladder (E881.0)	.1	.2	*	.2	*	*	*	*	*
Fall from scaffolding (E881.1)	.0	.1	*	.1	*	*	*	*	*
Fall from or out of building or other structure (E882)	.2	.4	.1	.4	.1	.5	*	.6	*
Fall into hole or other opening in surface (E883)	.0	.1	*	.1	*	*	*	*	*
Accident from diving or jumping into water (swimming pool) (E883.0)	.0	.0	*	.0	*	*	*	*	*
Accidental fall into well (E883.1)	*	*	*	*	*	*	*	*	*
Accidental fall into storm drain or manhole (E883.2)	*	*	*	*	*	*	*	*	*
Fall into other hole or other opening in surface (E883.9)	.0	.0	*	.0	*	*	*	*	*
Other falls from one level to another (E884)	.4	.6	.3	.6	.3	.4	.2	.4	.2
Fall from playground equipment (E884.0)	*	*	*	*	*	*	*	*	*
Fall from cliff (E884.1)	.0	.1	*	.1	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other falls from one level to another-Con.									
Fall from chair or bed (E884.2)	487	217	270	196	247	21	23	18	19
Other falls from one level to another (E884.9)	425	368	57	319	46	49	11	39	9
Fall on same level from slipping, tripping, or stumbling (E885)	491	237	254	224	245	13	9	7	8
Fall on same level from collision, pushing, or shoving, by or with other person (E886)	8	6	2	5	2	1	-	1	-
In sports (E886.0)	3	3	-	2	-	1	-	1	-
Other and unspecified (E886.9)	5	3	2	3	2	-	-	-	-
Fracture, cause unspecified (E887)	2,837	992	1,845	932	1,724	60	121	51	111
Other and unspecified falls (E888)	5,783	2,803	2,980	2,431	2,760	372	220	316	184
Accidents caused by fire and flames (E890-E899)	4,175	2,571	1,604	1,765	1,083	806	521	755	499
Conflagration in private dwelling (E890)	3,509	2,117	1,392	1,415	917	702	475	664	456
Explosion caused by conflagration (E890.0)	4	3	1	3	1	-	-	-	-
Fumes from combustion of polyvinylchloride (PVC) and similar material in conflagration (E890.1)	1	-	1	-	1	-	-	-	-
Other smoke and fumes from conflagration (E890.2)	2,700	1,630	1,070	1,086	707	544	363	517	352
Burning caused by conflagration (E890.3)	700	422	278	288	181	134	97	124	90
Other accident resulting from conflagration (E890.8)	46	28	18	20	14	8	4	7	4
Unspecified (E890.9)	58	34	24	18	13	16	11	16	10
Conflagration in other and unspecified building or structure (E891)	95	74	21	55	17	19	4	19	3
Explosion caused by conflagration (E891.0)	-	-	-	-	-	-	-	-	-
Fumes from combustion of polyvinylchloride (PVC) and similar material in conflagration (E891.1)	-	-	-	-	-	-	-	-	-
Other smoke and fumes from conflagration (E891.2)	53	44	9	30	6	14	3	14	2
Burning caused by conflagration (E891.3)	29	25	4	20	3	5	1	5	1
Other accident resulting from conflagration (E891.8)	-	-	-	-	-	-	-	-	-
Unspecified (E891.9)	13	5	8	5	8	-	-	-	-
Conflagration not in building or structure (E892)	70	60	10	53	10	7	-	3	-
Accident caused by ignition of clothing (E893)	161	85	76	67	66	18	10	16	9
From controlled fire in private dwelling (E893.0)	73	28	45	21	37	7	8	6	7
From controlled fire in other building or structure (E893.1)	2	1	1	1	1	-	-	-	-
From controlled fire not in building or structure (E893.2)	30	25	5	22	5	3	-	3	-
From other sources (E893.8)	37	21	16	16	14	5	2	4	2
Unspecified (E893.9)	19	10	9	7	9	3	-	3	-
Ignition of highly inflammable material (E894)	53	47	6	38	4	9	2	7	2
Accident caused by controlled fire in private dwelling (E895)	32	18	14	10	9	8	5	8	4
Accident caused by controlled fire in other and unspecified building or structure (E896)	-	-	-	-	-	-	-	-	-
Accident caused by controlled fire not in building or structure (E897)	19	17	2	14	1	3	1	3	1
Accident caused by other specified fire and flames (E898)	98	64	34	49	25	15	9	13	9
Burning bedclothes (E898.0)	22	11	11	10	7	1	4	-	4
Other (E898.1)	76	53	23	39	18	14	5	13	5
Accident caused by unspecified fire (E899)	138	89	49	64	34	25	15	22	15
Accidents due to natural and environmental factors (E900-E909)	1,453	1,005	448	758	327	247	121	191	99
Excessive heat (E900)	300	194	106	152	69	42	37	41	32
Due to weather conditions (E900.0)	147	98	49	80	32	18	17	17	14
Of manmade origin (E900.1)	24	15	9	13	5	2	4	2	4
Of unspecified origin (E900.9)	129	81	48	59	32	22	16	22	14
Excessive cold (E901)	596	437	159	277	104	160	55	114	41
Due to weather conditions (E901.0)	320	243	77	154	49	89	28	53	18
Of manmade origin (E901.1)	1	1	-	1	-	-	-	-	-
Other (E901.8)	13	9	4	7	2	2	2	2	2
Of unspecified origin (E901.9)	262	184	78	115	53	69	25	59	21
High and low air pressure and changes in air pressure (E902)	23	16	7	14	3	2	4	1	4
Residence or prolonged visit at high altitude (E902.0)	-	-	-	-	-	-	-	-	-
In aircraft (E902.1)	-	-	-	-	-	-	-	-	-
Due to diving (E902.2)	6	5	1	5	1	-	-	-	-
Due to other specified causes (E902.8)	-	-	-	-	-	-	-	-	-
Unspecified (E902.9)	17	11	6	9	2	2	4	1	4
Travel and motion (E903)	1	1	-	1	-	-	-	-	-
Hunger, thirst, exposure, neglect (E904)	132	68	64	58	55	10	9	6	8
Abandonment or neglect of infants and helpless persons (E904.0)	12	6	6	4	1	2	5	1	5
Lack of food (E904.1)	66	22	44	21	42	1	2	-	2
Lack of water (E904.2)	-	-	-	-	-	-	-	-	-
Exposure (to weather conditions), not elsewhere classified (E904.3)	54	40	14	33	12	7	2	5	1
Privation, unqualified (E904.9)	-	-	-	-	-	-	-	-	-
Venomous animals and plants as the cause of poisoning and toxic reactions (E905)	55	43	12	39	11	4	1	3	1
Venomous snakes and lizards (E905.0)	4	4	-	4	-	-	-	-	-
Venomous spiders (E905.1)	7	3	4	3	3	-	1	-	1
Scorpion (E905.2)	-	-	-	-	-	-	-	-	-
Hornets, wasps, and bees (E905.3)	38	33	5	29	5	4	-	3	-
Centipede and venomous millipede (tropical) (E905.4)	1	-	1	-	1	-	-	-	-
Other venomous arthropods (E905.5)	4	2	2	2	2	-	-	-	-
Venomous marine animals and plants (E905.6)	1	1	-	1	-	-	-	-	-
Poisoning and toxic reactions caused by other plants (E905.7)	-	-	-	-	-	-	-	-	-
Other specified (E905.8)	-	-	-	-	-	-	-	-	-
Unspecified (E905.9)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other falls from one level to another-Con.									
Fall from chair or bed (E884.2)	0.2	0.2	0.2	0.2	0.2	0.1	0.1	*	*
Other falls from one level to another (E884.9)	.2	.3	.0	.3	.0	.3	*	0.3	*
Fall on same level from slipping, tripping, or stumbling (E885)	.2	.2	.2	.2	.2	*	*	*	*
Fall on same level from collision, pushing, or shoving, by or with other person (E886)	*	*	*	*	*	*	*	*	*
In sports (E886.0)	*	*	*	*	*	*	*	*	*
Other and unspecified (E886.9)	*	*	*	*	*	*	*	*	*
Fracture, cause unspecified (E887)	1.1	.8	1.4	.9	1.6	.3	.6	.4	0.7
Other and unspecified falls (E888)	2.3	2.3	2.3	2.4	2.6	1.9	1.1	2.2	1.1
Accidents caused by fire and flames (E890-E899)	1.7	2.1	1.3	1.7	1.0	4.2	2.5	5.2	3.1
Conflagration in private dwelling (E890)	1.4	1.7	1.1	1.4	.9	3.7	2.3	4.6	2.8
Explosion caused by conflagration (E890.0)	*	*	*	*	*	*	*	*	*
Fumes from combustion of polyvinylchloride (PVC) and similar material in conflagration (E890.1)	*	*	*	*	*	*	*	*	*
Other smoke and fumes from conflagration (E890.2)	1.1	1.3	.8	1.1	.7	2.8	1.7	3.6	2.2
Burning caused by conflagration (E890.3)	.3	.3	.2	.3	.2	.7	.5	.9	.6
Other accident resulting from conflagration (E890.8)	.0	.0	*	.0	*	*	*	*	*
Unspecified (E890.9)	.0	.0	.0	*	*	*	*	*	*
Conflagration in other and unspecified building or structure (E891)	.0	.1	.0	.1	*	*	*	*	*
Explosion caused by conflagration (E891.0)	*	*	*	*	*	*	*	*	*
Fumes from combustion of polyvinylchloride (PVC) and similar material in conflagration (E891.1)	*	*	*	*	*	*	*	*	*
Other smoke and fumes from conflagration (E891.2)	.0	.0	*	.0	*	*	*	*	*
Burning caused by conflagration (E891.3)	.0	.0	*	.0	*	*	*	*	*
Other accident resulting from conflagration (E891.8)	*	*	*	*	*	*	*	*	*
Unspecified (E891.9)	*	*	*	*	*	*	*	*	*
Conflagration not in building or structure (E892)	.0	.0	*	.1	*	*	*	*	*
Accident caused by ignition of clothing (E893)	.1	.1	.1	.1	.1	*	*	*	*
From controlled fire in private dwelling (E893.0)	.0	.0	.0	.0	.0	*	*	*	*
From controlled fire in other building or structure (E893.1)	*	*	*	*	*	*	*	*	*
From controlled fire not in building or structure (E893.2)	.0	.0	*	.0	*	*	*	*	*
From other sources (E893.8)	.0	.0	*	*	*	*	*	*	*
Unspecified (E893.9)	*	*	*	*	*	*	*	*	*
Ignition of highly inflammable material (E894)	.0	.0	*	.0	*	*	*	*	*
Accident caused by controlled fire in private dwelling (E895)	.0	*	*	*	*	*	*	*	*
Accident caused by controlled fire in other and unspecified building or structure (E896)	*	*	*	*	*	*	*	*	*
Accident caused by controlled fire not in building or structure (E897)	*	*	*	*	*	*	*	*	*
Accident caused by other specified fire and flames (E898)	.0	.1	.0	.0	.0	*	*	*	*
Burning bedclothes (E898.0)	.0	*	*	*	*	*	*	*	*
Other (E898.1)	.0	.0	.0	.0	*	*	*	*	*
Accident caused by unspecified fire (E899)	.1	.1	.0	.1	.0	.1	*	.2	*
Accidents due to natural and environmental factors (E900-E909)	.6	.8	.4	.7	.3	1.3	.6	1.3	.6
Excessive heat (E900)	.1	.2	.1	.1	.1	.2	.2	.3	.2
Due to weather conditions (E900.0)	.1	.1	.0	.1	.0	*	*	*	*
Of manmade origin (E900.1)	.0	*	*	*	*	*	*	*	*
Of unspecified origin (E900.9)	.1	.1	.0	.1	.0	.1	*	.2	*
Excessive cold (E901)	.2	.4	.1	.3	.1	.8	.3	.8	.3
Due to weather conditions (E901.0)	.1	.2	.1	.2	.0	.5	.1	.4	*
Of manmade origin (E901.1)	*	*	*	*	*	*	*	*	*
Other (E901.8)	*	*	*	*	*	*	*	*	*
Of unspecified origin (E901.9)	.1	.2	.1	.1	.0	.4	.1	.4	.1
High and low air pressure and changes in air pressure (E902)	.0	*	*	*	*	*	*	*	*
Residence or prolonged visit at high altitude (E902.0)	*	*	*	*	*	*	*	*	*
In aircraft (E902.1)	*	*	*	*	*	*	*	*	*
Due to diving (E902.2)	*	*	*	*	*	*	*	*	*
Due to other specified causes (E902.8)	*	*	*	*	*	*	*	*	*
Unspecified (E902.9)	*	*	*	*	*	*	*	*	*
Travel and motion (E903)	*	*	*	*	*	*	*	*	*
Hunger, thirst, exposure, neglect (E904)	.1	.1	.1	.1	.1	*	*	*	*
Abandonment or neglect of infants and helpless persons (E904.0)	*	*	*	*	*	*	*	*	*
Lack of food (E904.1)	.0	.0	.0	.0	.0	*	*	*	*
Lack of water (E904.2)	*	*	*	*	*	*	*	*	*
Exposure (to weather conditions), not elsewhere classified (E904.3)	.0	.0	*	.0	*	*	*	*	*
Privation, unqualified (E904.9)	*	*	*	*	*	*	*	*	*
Venomous animals and plants as the cause of poisoning and toxic reactions (E905)	.0	.0	*	.0	*	*	*	*	*
Venomous snakes and lizards (E905.0)	*	*	*	*	*	*	*	*	*
Venomous spiders (E905.1)	*	*	*	*	*	*	*	*	*
Scorpion (E905.2)	*	*	*	*	*	*	*	*	*
Hornets, wasps, and bees (E905.3)	.0	.0	*	.0	*	*	*	*	*
Centipede and venomous millipede (tropical) (E905.4)	*	*	*	*	*	*	*	*	*
Other venomous arthropods (E905.5)	*	*	*	*	*	*	*	*	*
Venomous marine animals and plants (E905.6)	*	*	*	*	*	*	*	*	*
Poisoning and toxic reactions caused by other plants (E905.7)	*	*	*	*	*	*	*	*	*
Other specified (E905.8)	*	*	*	*	*	*	*	*	*
Unspecified (E905.9)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Accidents due to natural and environmental factors-Con.									
Other injury caused by animals (E906)	106	66	40	61	35	5	5	3	4
Dog bite (E906.0)	24	9	15	7	13	2	2	2	2
Rat bite (E906.1)	-	-	-	-	-	-	-	-	-
Bite of nonvenomous snakes and lizards (E906.2)	1	-	1	-	1	-	-	-	-
Bite of other animal except arthropod (E906.3)	3	1	2	1	1	-	1	-	1
Bite of nonvenomous arthropod (E906.4)	5	4	1	3	1	1	-	1	-
Other specified injury caused by animal (E906.8)	67	49	18	47	16	2	2	-	1
Unspecified (E906.9)	6	3	3	3	3	-	-	-	-
Lightning (E907)	89	81	8	70	5	11	3	11	3
Cataclysmic storms and floods resulting from storms (E908)	138	87	51	75	44	12	7	11	6
Cataclysmic earth surface movements and eruptions (E909)	13	12	1	11	1	1	-	1	-
Accidents caused by submersion, suffocation, and foreign bodies (E910-E915)	8,204	5,528	2,676	4,275	2,204	1,253	472	1,029	403
Accidental drowning and submersion (E910)	3,979	3,203	776	2,390	616	813	160	655	122
While water skiing (E910.0)	6	6	-	6	-	-	-	-	-
While engaged in other sport or recreational activity with diving equipment (E910.1)	53	45	8	43	8	2	-	1	-
While engaged in other sport or recreational activity without diving equipment (E910.2)	784	703	81	514	63	189	18	158	11
While swimming or diving for purposes other than recreation or sport (E910.3)	57	50	7	42	7	8	-	5	-
In bathtub (E910.4)	318	147	171	112	147	35	24	28	19
Other (E910.8)	1,991	1,638	353	1,189	269	449	84	362	68
Unspecified (E910.9)	770	614	156	484	122	130	34	101	24
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation (E911)	1,374	750	624	616	528	134	96	115	88
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation (E912)	1,929	901	1,028	729	868	172	160	154	145
Accidental mechanical suffocation (E913)	892	657	235	528	180	129	55	101	47
In bed or cradle (E913.0)	207	112	95	72	72	40	23	35	21
By plastic bag (E913.1)	42	30	12	18	6	12	6	12	5
Due to lack of air (in closed place) (E913.2)	9	8	1	7	1	1	-	-	-
By falling earth or other substance (E913.3)	89	85	4	74	4	11	-	8	-
Other specified means (E913.8)	419	333	86	282	66	51	20	36	15
Unspecified (E913.9)	126	89	37	75	31	14	6	10	6
Foreign body accidentally entering eye and adnexa (E914)	1	1	-	1	-	-	-	-	-
Foreign body accidentally entering other orifice (E915)	29	16	13	11	12	5	1	4	1
Other accidents (E916-E928)	6,762	5,599	1,163	4,695	971	904	192	773	159
Struck accidentally by falling object (E916)	797	745	52	637	45	108	7	92	4
Striking against or struck accidentally by objects or persons (E917)	215	178	37	145	31	33	6	25	4
In sports (E917.0)	30	26	4	18	4	8	-	4	-
Caused by a crowd, by collective fear or panic (E917.1)	-	-	-	-	-	-	-	-	-
In running water (E917.2)	1	-	1	-	1	-	-	-	-
Other (E917.9)	184	152	32	127	26	25	6	21	4
Caught accidentally in or between objects (E918)	99	79	20	65	17	14	3	10	3
Accidents caused by machinery (E919)	1,184	1,113	71	1,021	67	92	4	69	2
Agricultural machines (E919.0)	617	575	42	559	42	16	-	16	-
Mining and earth-drilling machinery (E919.1)	44	44	-	40	-	4	-	3	-
Lifting machines and appliances (E919.2)	200	192	8	159	6	33	2	23	1
Metalworking machines (E919.3)	13	13	-	12	-	1	-	-	-
Woodworking and forming machines (E919.4)	15	15	-	14	-	1	-	1	-
Prime movers, except electrical motors (E919.5)	-	-	-	-	-	-	-	-	-
Transmission machinery (E919.6)	21	19	2	17	2	2	-	2	-
Earth moving, scraping, and other excavating machines (E919.7)	94	88	6	78	5	10	1	3	-
Other (E919.8)	128	119	9	102	8	17	1	14	1
Unspecified (E919.9)	52	48	4	40	4	8	-	7	-
Accidents caused by cutting and piercing instruments or objects (E920)	108	89	19	64	16	25	3	18	2
Powered lawn mower (E920.0)	8	6	2	6	2	-	-	-	-
Other powered hand tools (E920.1)	12	12	-	10	-	2	-	1	-
Powered household appliances and implements (E920.2)	1	1	-	1	-	-	-	-	-
Knives, swords, and daggers (E920.3)	4	3	1	2	1	1	-	1	-
Other hand tools and implements (E920.4)	3	3	-	2	-	1	-	1	-
Other (E920.8)	49	40	9	30	7	10	2	6	1
Unspecified (E920.9)	31	24	7	13	6	11	1	9	1
Accident caused by explosion of pressure vessel (E921)	52	50	2	41	2	9	-	8	-
Boilers (E921.0)	8	8	-	7	-	1	-	1	-
Gas cylinders (E921.1)	9	9	-	4	-	5	-	4	-
Other (E921.8)	31	29	2	27	2	2	-	2	-
Unspecified (E921.9)	4	4	-	3	-	1	-	1	-
Accident caused by firearm missile (E922)	1,416	1,255	161	997	116	258	45	221	38
Handgun (E922.0)	241	212	29	164	23	48	6	41	5
Shotgun (automatic) (E922.1)	160	147	13	120	8	27	5	22	4
Hunting rifle (E922.2)	73	67	6	61	6	6	-	5	-
Military firearms (E922.3)	2	2	-	1	-	1	-	-	-
Other (E922.8)	3	3	-	2	-	1	-	1	-
Unspecified (E922.9)	937	824	113	649	79	175	34	152	29
Accident caused by explosive material (E923)	202	185	17	162	15	23	2	21	2
Fireworks (E923.0)	5	5	-	1	-	4	-	3	-
Blasting materials (E923.1)	6	4	2	4	2	-	-	-	-
Explosive gases (E923.2)	98	87	11	78	9	9	2	9	2
Other (E923.8)	31	30	1	26	1	4	-	4	-
Unspecified (E923.9)	62	59	3	53	3	6	-	5	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Accidents due to natural and environmental factors-Con.									
Other injury caused by animals (E906)	0.0	0.1	0.0	0.1	0.0	*	*	*	*
Dog bite (E906.0)	.0	*	*	*	*	*	*	*	*
Rat bite (E906.1)	*	*	*	*	*	*	*	*	*
Bite of nonvenomous snakes and lizards (E906.2)	*	*	*	*	*	*	*	*	*
Bite of other animal except arthropod (E906.3)	*	*	*	*	*	*	*	*	*
Bite of nonvenomous arthropod (E906.4)	*	*	*	*	*	*	*	*	*
Other specified injury caused by animal (E906.8)	.0	.0	*	.0	*	*	*	*	*
Unspecified (E906.9)	*	*	*	*	*	*	*	*	*
Lightning (E907)	.0	.1	*	.1	*	*	*	*	*
Cataclysmic storms and floods resulting from storms (E908)	.1	.1	.0	.1	.0	*	*	*	*
Cataclysmic earth surface movements and eruptions (E909)	*	*	*	*	*	*	*	*	*
Accidents caused by submersion, suffocation, and foreign bodies (E910-E915)	3.3	4.6	2.1	4.2	2.1	6.6	2.3	7.1	2.5
Accidental drowning and submersion (E910)	1.6	2.6	.6	2.3	.6	4.3	.8	4.5	.8
While water skiing (E910.0)	*	*	*	*	*	*	*	*	*
While engaged in other sport or recreational activity with diving equipment (E910.1)	.0	.0	*	.0	*	*	*	*	*
While engaged in other sport or recreational activity without diving equipment (E910.2)	.3	.6	.1	.5	.1	1.0	*	1.1	*
While swimming or diving for purposes other than recreation or sport (E910.3)	.0	.0	*	.0	*	*	*	*	*
In bathtub (E910.4)	.1	.1	.1	.1	.1	.2	.1	.2	*
Other (E910.8)	.8	1.4	.3	1.2	.3	2.4	.4	2.5	.4
Unspecified (E910.9)	.3	.5	.1	.5	.1	.7	.2	.7	.1
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation (E911)	.6	.6	.5	.6	.5	.7	.5	.8	.5
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation (E912)	.8	.7	.8	.7	.8	.9	.8	1.1	.9
Accidental mechanical suffocation (E913)	.4	.5	.2	.5	.2	.7	.3	.7	.3
In bed or cradle (E913.0)	.1	.1	.1	.1	.1	.2	.1	.2	.1
By plastic bag (E913.1)	.0	.0	*	*	*	*	*	*	*
Due to lack of air (in closed place) (E913.2)	*	*	*	*	*	*	*	*	*
By falling earth or other substance (E913.3)	.0	.1	*	.1	*	*	*	*	*
Other specified means (E913.8)	.2	.3	.1	.3	.1	.3	.1	.2	*
Unspecified (E913.9)	.1	.1	.0	.1	.0	*	*	*	*
Foreign body accidentally entering eye and adnexa (E914)	*	*	*	*	*	*	*	*	*
Foreign body accidentally entering other orifice (E915)	.0	*	*	*	*	*	*	*	*
Other accidents (E916-E928)	2.7	4.6	.9	4.6	.9	4.7	.9	5.4	1.0
Struck accidentally by falling object (E916)	.3	.6	.0	.6	.0	.6	*	.6	*
Striking against or struck accidentally by objects or persons (E917)	.1	.1	.0	.1	.0	.2	*	.2	*
In sports (E917.0)	.0	.0	*	*	*	*	*	*	*
Caused by a crowd, by collective fear or panic (E917.1)	*	*	*	*	*	*	*	*	*
In running water (E917.2)	*	*	*	*	*	*	*	*	*
Other (E917.9)	.1	.1	.0	.1	.0	.1	*	.1	*
Caught accidentally in or between objects (E918)	.0	.1	.0	.1	*	*	*	*	*
Accidents caused by machinery (E919)	.5	.9	.1	1.0	.1	.5	*	.5	*
Agricultural machines (E919.0)	.2	.5	.0	.5	.0	*	*	*	*
Mining and earth-drilling machinery (E919.1)	.0	.0	*	.0	*	*	*	*	*
Lifting machines and appliances (E919.2)	.1	.2	*	.2	*	.2	*	.2	*
Metalworking machines (E919.3)	*	*	*	*	*	*	*	*	*
Woodworking and forming machines (E919.4)	*	*	*	*	*	*	*	*	*
Prime movers, except electrical motors (E919.5)	*	*	*	*	*	*	*	*	*
Transmission machinery (E919.6)	.0	*	*	*	*	*	*	*	*
Earth moving, scraping, and other excavating machines (E919.7)	.0	.1	*	.1	*	*	*	*	*
Other (E919.8)	.1	.1	*	.1	*	*	*	*	*
Unspecified (E919.9)	.0	.0	*	.0	*	*	*	*	*
Accidents caused by cutting and piercing instruments or objects (E920)	.0	.1	*	.1	*	.1	*	*	*
Powered lawn mower (E920.0)	*	*	*	*	*	*	*	*	*
Other powered hand tools (E920.1)	*	*	*	*	*	*	*	*	*
Powered household appliances and implements (E920.2)	*	*	*	*	*	*	*	*	*
Knives, swords, and daggers (E920.3)	*	*	*	*	*	*	*	*	*
Other hand tools and implements (E920.4)	*	*	*	*	*	*	*	*	*
Other (E920.8)	.0	.0	*	.0	*	*	*	*	*
Unspecified (E920.9)	.0	.0	*	*	*	*	*	*	*
Accident caused by explosion of pressure vessel (E921)	.0	.0	*	.0	*	*	*	*	*
Boilers (E921.0)	*	*	*	*	*	*	*	*	*
Gas cylinders (E921.1)	*	*	*	*	*	*	*	*	*
Other (E921.8)	.0	.0	*	.0	*	*	*	*	*
Unspecified (E921.9)	*	*	*	*	*	*	*	*	*
Accident caused by firearm missile (E922)	.6	1.0	.1	1.0	.1	1.4	.2	1.5	.2
Handgun (E922.0)	.1	.2	.0	.2	.0	.3	*	.3	*
Shotgun (automatic) (E922.1)	.1	.1	*	.1	*	.1	*	.2	*
Hunting rifle (E922.2)	.0	.1	*	.1	*	*	*	*	*
Military firearms (E922.3)	*	*	*	*	*	*	*	*	*
Other (E922.8)	*	*	*	*	*	*	*	*	*
Unspecified (E922.9)	.4	.7	.1	.6	.1	.9	.2	1.1	.2
Accident caused by explosive material (E923)	.1	.2	*	.2	*	.1	*	.1	*
Fireworks (E923.0)	*	*	*	*	*	*	*	*	*
Blasting materials (E923.1)	*	*	*	*	*	*	*	*	*
Explosive gases (E923.2)	.0	.1	*	.1	*	*	*	*	*
Other (E923.8)	.0	.0	*	.0	*	*	*	*	*
Unspecified (E923.9)	.0	.0	*	.1	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other accidents-Con.									
Accident caused by hot substance or object, caustic or corrosive material, and steam (E924)	131	67	64	43	48	24	16	23	15
Hot liquids and vapors, including steam (E924.0)	97	47	50	30	39	17	11	16	10
Caustic and corrosive substances (E924.1)	12	11	1	9	1	2	–	2	–
Other (E924.8)	20	8	12	4	7	4	5	4	5
Unspecified (E924.9)	2	1	1	–	1	1	–	1	–
Accident caused by electric current (E925)	670	635	35	577	29	58	6	52	5
Domestic wiring and appliances (E925.0)	100	89	11	84	10	5	1	4	1
Electric power generating plants, distribution stations, transmission lines (E925.1)	160	157	3	142	2	15	1	13	–
Industrial wiring, appliances, and electrical machinery (E925.2)	54	54	–	50	–	4	–	4	–
Other (E925.8)	210	200	10	179	9	21	1	21	1
Unspecified (E925.9)	146	135	11	122	8	13	3	10	3
Exposure to radiation (E926)	–	–	–	–	–	–	–	–	–
Radiofrequency radiation (E926.0)	–	–	–	–	–	–	–	–	–
Infrared heaters and lamps (E926.1)	–	–	–	–	–	–	–	–	–
Visible and ultraviolet light sources (E926.2)	–	–	–	–	–	–	–	–	–
X-rays and other electromagnetic ionizing radiation (E926.3)	–	–	–	–	–	–	–	–	–
Lasers (E926.4)	–	–	–	–	–	–	–	–	–
Radioactive isotopes (E926.5)	–	–	–	–	–	–	–	–	–
Other specified (E926.8)	–	–	–	–	–	–	–	–	–
Unspecified (E926.9)	–	–	–	–	–	–	–	–	–
Overexertion and strenuous movements (E927)	22	16	6	14	6	2	–	1	–
Other and unspecified environmental and accidental causes (E928)	1,866	1,187	679	929	579	258	100	233	84
Prolonged stay in weightless environment (E928.0)	–	–	–	–	–	–	–	–	–
Exposure to noise (E928.1)	–	–	–	–	–	–	–	–	–
Vibration (E928.2)	–	–	–	–	–	–	–	–	–
Other (E928.8)	24	17	7	13	5	4	2	3	2
Unspecified accidents (E928.9)	1,842	1,170	672	916	574	254	98	230	82
Late effects of accidental injury (E929)	832	589	243	497	214	92	29	83	24
Late effects of accidental injury (E929)	832	589	243	497	214	92	29	83	24
Late effects of motor vehicle accident (E929.0)	299	231	68	195	57	36	11	30	7
Late effects of other transport accident (E929.1)	12	11	1	10	1	1	–	1	–
Late effects of accidental poisoning (E929.2)	34	16	18	16	14	–	4	–	4
Late effects of accidental fall (E929.3)	179	109	70	94	66	15	4	15	3
Late effects of accident caused by fire (E929.4)	5	3	2	2	2	1	–	1	–
Late effects of accident due to natural and environmental factors (E929.5)	6	5	1	5	1	–	–	–	–
Late effects of other accidents (E929.8)	80	63	17	49	14	14	3	12	3
Late effects of unspecified accident (E929.9)	217	151	66	126	59	25	7	24	7
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	166	80	86	59	72	21	14	19	13
Antibiotics (E930)	13	7	6	4	4	3	2	3	2
Penicillins (E930.0)	9	5	4	4	3	1	1	1	1
Antifungal antibiotics (E930.1)	–	–	–	–	–	–	–	–	–
Chloramphenicol group (E930.2)	–	–	–	–	–	–	–	–	–
Erythromycin and other macrolides (E930.3)	–	–	–	–	–	–	–	–	–
Tetracycline group (E930.4)	–	–	–	–	–	–	–	–	–
Cefalosporin group (E930.5)	1	1	–	–	–	1	–	1	–
Antimycobacterial antibiotics (E930.6)	–	–	–	–	–	–	–	–	–
Antineoplastic antibiotics (E930.7)	–	–	–	–	–	–	–	–	–
Other specified antibiotics (E930.8)	–	–	–	–	–	–	–	–	–
Unspecified (E930.9)	3	1	2	–	1	1	1	1	1
Other anti-infectives (E931)	4	–	4	–	4	–	–	–	–
Sulfonamides (E931.0)	–	–	–	–	–	–	–	–	–
Arsenical anti-infectives (E931.1)	–	–	–	–	–	–	–	–	–
Heavy metal anti-infectives (E931.2)	–	–	–	–	–	–	–	–	–
Quinoline and hydroxyquinoline derivatives (E931.3)	–	–	–	–	–	–	–	–	–
Antimalarials and drugs acting on other blood protozoa (E931.4)	2	–	2	–	2	–	–	–	–
Other antiprotozoal drugs (E931.5)	–	–	–	–	–	–	–	–	–
Anthelminthics (E931.6)	–	–	–	–	–	–	–	–	–
Antiviral drugs (E931.7)	–	–	–	–	–	–	–	–	–
Other antimycobacterial drugs (E931.8)	1	–	1	–	1	–	–	–	–
Other and unspecified anti-infectives (E931.9)	1	–	1	–	1	–	–	–	–
Hormones and synthetic substitutes (E932)	6	3	3	3	3	–	–	–	–
Adrenal cortical steroids (E932.0)	3	1	2	1	2	–	–	–	–
Androgens and anabolic congeners (E932.1)	–	–	–	–	–	–	–	–	–
Ovarian hormones and synthetic substitutes (E932.2)	–	–	–	–	–	–	–	–	–
Insulins and antidiabetic agents (E932.3)	2	1	1	1	1	–	–	–	–
Anterior pituitary hormones (E932.4)	–	–	–	–	–	–	–	–	–
Posterior pituitary hormones (E932.5)	–	–	–	–	–	–	–	–	–
Parathyroid and parathyroid derivatives (E932.6)	–	–	–	–	–	–	–	–	–
Thyroid and thyroid derivatives (E932.7)	–	–	–	–	–	–	–	–	–
Antithyroid agents (E932.8)	1	1	–	1	–	–	–	–	–
Other and unspecified hormones and synthetic substitutes (E932.9)	–	–	–	–	–	–	–	–	–
Primarily systemic agents (E933)	2	1	1	–	1	1	–	1	–
Antiallergic and antiemetic drugs (E933.0)	1	–	1	–	1	–	–	–	–
Antineoplastic and immunosuppressive drugs (E933.1)	1	1	–	–	–	1	–	1	–
Acidifying agents (E933.2)	–	–	–	–	–	–	–	–	–
Alkalizing agents (E933.3)	–	–	–	–	–	–	–	–	–
Enzymes, not elsewhere classified (E933.4)	–	–	–	–	–	–	–	–	–
Vitamins, not elsewhere classified (E933.5)	–	–	–	–	–	–	–	–	–
Other systemic agents, not elsewhere classified (E933.8)	–	–	–	–	–	–	–	–	–
Unspecified (E933.9)	–	–	–	–	–	–	–	–	–

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Other accidents-Con.									
Accident caused by hot substance or object, caustic or corrosive material, and steam (E924)	0.1	0.1	0.1	0.0	0.0	0.1	*	0.2	*
Hot liquids and vapors, including steam (E924.0)	.0	.0	.0	.0	.0	*	*	*	*
Caustic and corrosive substances (E924.1)	*	*	*	*	*	*	*	*	*
Other (E924.8)	.0	*	*	*	*	*	*	*	*
Unspecified (E924.9)	*	*	*	*	*	*	*	*	*
Accident caused by electric current (E925)	.3	.5	.0	.6	.0	.3	*	.4	*
Domestic wiring and appliances (E925.0)	.0	.1	*	.1	*	*	*	*	*
Electric power generating plants, distribution stations, transmission lines (E925.1)	.1	.1	*	.1	*	*	*	*	*
Industrial wiring, appliances, and electrical machinery (E925.2)	.0	.0	*	.0	*	*	*	*	*
Other (E925.8)	.1	.2	*	.2	*	.1	*	.1	*
Unspecified (E925.9)	.1	.1	*	.1	*	*	*	*	*
Exposure to radiation (E926)	*	*	*	*	*	*	*	*	*
Radiofrequency radiation (E926.0)	*	*	*	*	*	*	*	*	*
Infrared heaters and lamps (E926.1)	*	*	*	*	*	*	*	*	*
Visible and ultraviolet light sources (E926.2)	*	*	*	*	*	*	*	*	*
X-rays and other electromagnetic ionizing radiation (E926.3)	*	*	*	*	*	*	*	*	*
Lasers (E926.4)	*	*	*	*	*	*	*	*	*
Radioactive isotopes (E926.5)	*	*	*	*	*	*	*	*	*
Other specified (E926.8)	*	*	*	*	*	*	*	*	*
Unspecified (E926.9)	*	*	*	*	*	*	*	*	*
Overexertion and strenuous movements (E927)	.0	*	*	*	*	*	*	*	*
Other and unspecified environmental and accidental causes (E928)	.8	1.0	.5	.9	.5	1.4	0.5	1.6	0.5
Prolonged stay in weightless environment (E928.0)	*	*	*	*	*	*	*	*	*
Exposure to noise (E928.1)	*	*	*	*	*	*	*	*	*
Vibration (E928.2)	*	*	*	*	*	*	*	*	*
Other (E928.8)	.0	*	*	*	*	*	*	*	*
Unspecified accidents (E928.9)	.7	1.0	.5	.9	.5	1.3	.5	1.6	.5
Late effects of accidental injury (E929)	.3	.5	.2	.5	.2	.5	.1	.6	.1
Late effects of accidental injury (E929)	.3	.5	.2	.5	.2	.5	.1	.6	.1
Late effects of motor vehicle accident (E929.0)	.1	.2	.1	.2	.1	.2	*	.2	*
Late effects of other transport accident (E929.1)	*	*	*	*	*	*	*	*	*
Late effects of accidental poisoning (E929.2)	.0	*	*	*	*	*	*	*	*
Late effects of accidental fall (E929.3)	.1	.1	.1	.1	.1	*	*	*	*
Late effects of accident caused by fire (E929.4)	*	*	*	*	*	*	*	*	*
Late effects of accident due to natural and environmental factors (E929.5)	*	*	*	*	*	*	*	*	*
Late effects of other accidents (E929.8)	.0	.1	*	.0	*	*	*	*	*
Late effects of unspecified accident (E929.9)	.1	.1	.1	.1	.1	.1	*	.2	*
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	.1	.1	.1	.1	.1	.1	*	*	*
Antibiotics (E930)	*	*	*	*	*	*	*	*	*
Penicillins (E930.0)	*	*	*	*	*	*	*	*	*
Antifungal antibiotics (E930.1)	*	*	*	*	*	*	*	*	*
Chloramphenicol group (E930.2)	*	*	*	*	*	*	*	*	*
Erythromycin and other macrolides (E930.3)	*	*	*	*	*	*	*	*	*
Tetracycline group (E930.4)	*	*	*	*	*	*	*	*	*
Cefalosporin group (E930.5)	*	*	*	*	*	*	*	*	*
Antimycobacterial antibiotics (E930.6)	*	*	*	*	*	*	*	*	*
Antineoplastic antibiotics (E930.7)	*	*	*	*	*	*	*	*	*
Other specified antibiotics (E930.8)	*	*	*	*	*	*	*	*	*
Unspecified (E930.9)	*	*	*	*	*	*	*	*	*
Other anti-infectives (E931)	*	*	*	*	*	*	*	*	*
Sulfonamides (E931.0)	*	*	*	*	*	*	*	*	*
Arsenical anti-infectives (E931.1)	*	*	*	*	*	*	*	*	*
Heavy metal anti-infectives (E931.2)	*	*	*	*	*	*	*	*	*
Quinoline and hydroxyquinoline derivatives (E931.3)	*	*	*	*	*	*	*	*	*
Antimalarials and drugs acting on other blood protozoa (E931.4)	*	*	*	*	*	*	*	*	*
Other antiprotozoal drugs (E931.5)	*	*	*	*	*	*	*	*	*
Anthelminthics (E931.6)	*	*	*	*	*	*	*	*	*
Antiviral drugs (E931.7)	*	*	*	*	*	*	*	*	*
Other antimycobacterial drugs (E931.8)	*	*	*	*	*	*	*	*	*
Other and unspecified anti-infectives (E931.9)	*	*	*	*	*	*	*	*	*
Hormones and synthetic substitutes (E932)	*	*	*	*	*	*	*	*	*
Adrenal cortical steroids (E932.0)	*	*	*	*	*	*	*	*	*
Androgens and anabolic congeners (E932.1)	*	*	*	*	*	*	*	*	*
Ovarian hormones and synthetic substitutes (E932.2)	*	*	*	*	*	*	*	*	*
Insulins and antidiabetic agents (E932.3)	*	*	*	*	*	*	*	*	*
Anterior pituitary hormones (E932.4)	*	*	*	*	*	*	*	*	*
Posterior pituitary hormones (E932.5)	*	*	*	*	*	*	*	*	*
Parathyroid and parathyroid derivatives (E932.6)	*	*	*	*	*	*	*	*	*
Thyroid and thyroid derivatives (E932.7)	*	*	*	*	*	*	*	*	*
Antithyroid agents (E932.8)	*	*	*	*	*	*	*	*	*
Other and unspecified hormones and synthetic substitutes (E932.9)	*	*	*	*	*	*	*	*	*
Primarily systemic agents (E933)	*	*	*	*	*	*	*	*	*
Antiallergic and antiemetic drugs (E933.0)	*	*	*	*	*	*	*	*	*
Antineoplastic and immunosuppressive drugs (E933.1)	*	*	*	*	*	*	*	*	*
Acidifying agents (E933.2)	*	*	*	*	*	*	*	*	*
Alkalizing agents (E933.3)	*	*	*	*	*	*	*	*	*
Enzymes, not elsewhere classified (E933.4)	*	*	*	*	*	*	*	*	*
Vitamins, not elsewhere classified (E933.5)	*	*	*	*	*	*	*	*	*
Other systemic agents, not elsewhere classified (E933.8)	*	*	*	*	*	*	*	*	*
Unspecified (E933.9)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use-Con.									
Agents primarily affecting blood constituents (E934)	20	12	8	7	7	5	1	4	1
Iron and its compounds (E934.0)	-	-	-	-	-	-	-	-	-
Liver preparations and other antianemic agents (E934.1)	-	-	-	-	-	-	-	-	-
Anticoagulants (E934.2)	10	5	5	4	4	1	1	1	1
Vitamin K (phytomenadione) (E934.3)	-	-	-	-	-	-	-	-	-
Fibrinolysis-affecting drugs (E934.4)	2	1	1	-	1	1	-	1	-
Anticoagulant antagonists and other coagulants (E934.5)	6	4	2	3	2	1	-	-	-
Gamma globulin (E934.6)	1	1	-	-	-	1	-	1	-
Natural blood and blood products (E934.7)	-	-	-	-	-	-	-	-	-
Other (E934.8)	-	-	-	-	-	-	-	-	-
Unspecified (E934.9)	1	1	-	-	-	1	-	1	-
Analgesics, antipyretics, and antirheumatics (E935)	11	8	3	5	2	3	1	3	1
Opiates and related narcotics (E935.0)	4	4	-	2	-	2	-	2	-
Salicylates (E935.1)	2	1	1	1	1	-	-	-	-
Aromatic analgesics, not elsewhere classified (E935.2)	1	-	1	-	-	-	1	-	1
Pyrazole derivatives (E935.3)	-	-	-	-	-	-	-	-	-
Antirheumatics (antiphlogistics) (E935.4)	3	3	-	2	-	1	-	1	-
Other non-narcotic analgesics (E935.5)	-	-	-	-	-	-	-	-	-
Other (E935.8)	1	-	1	-	1	-	-	-	-
Unspecified (E935.9)	-	-	-	-	-	-	-	-	-
Anticonvulsants and anti-Parkinsonism drugs (E936)	7	3	4	-	1	3	3	3	3
Oxazolidine derivatives (E936.0)	-	-	-	-	-	-	-	-	-
Hydantoin derivatives (E936.1)	6	3	3	-	-	3	3	3	3
Succinimides (E936.2)	-	-	-	-	-	-	-	-	-
Other and unspecified anticonvulsants (E936.3)	1	-	1	-	1	-	-	-	-
Anti-Parkinsonism drugs (E936.4)	-	-	-	-	-	-	-	-	-
Sedatives and hypnotics (E937)	1	-	1	-	1	-	-	-	-
Barbiturates (E937.0)	-	-	-	-	-	-	-	-	-
Chloral hydrate group (E937.1)	-	-	-	-	-	-	-	-	-
Paraldehyde (E937.2)	-	-	-	-	-	-	-	-	-
Bromine compounds (E937.3)	-	-	-	-	-	-	-	-	-
Methaqualone compounds (E937.4)	-	-	-	-	-	-	-	-	-
Glutethimide group (E937.5)	-	-	-	-	-	-	-	-	-
Mixed sedatives, not elsewhere classified (E937.6)	-	-	-	-	-	-	-	-	-
Other (E937.8)	-	-	-	-	-	-	-	-	-
Unspecified (E937.9)	1	-	1	-	1	-	-	-	-
Other central nervous system depressants (E938)	9	5	4	3	3	2	1	2	1
Central nervous system muscle-tone depressants (E938.0)	-	-	-	-	-	-	-	-	-
Halothane (E938.1)	-	-	-	-	-	-	-	-	-
Other gaseous anesthetics (E938.2)	1	1	-	1	-	-	-	-	-
Intravenous anesthetics (E938.3)	-	-	-	-	-	-	-	-	-
Other and unspecified general anesthetics (E938.4)	-	-	-	-	-	-	-	-	-
Surface and infiltration anesthetics (E938.5)	3	1	2	-	1	1	1	1	1
Peripheral nerve- and plexus-blocking anesthetics (E938.6)	-	-	-	-	-	-	-	-	-
Spinal anesthetics (E938.7)	-	-	-	-	-	-	-	-	-
Other and unspecified local anesthetics (E938.9)	5	3	2	2	2	1	-	1	-
Psychotropic agents (E939)	8	2	6	2	6	-	-	-	-
Antidepressants (E939.0)	2	1	1	1	1	-	-	-	-
Phenothiazine-based tranquilizers (E939.1)	1	-	1	-	1	-	-	-	-
Butyrophenone-based tranquilizers (E939.2)	3	1	2	1	2	-	-	-	-
Other antipsychotics, neuroleptics, and major tranquilizers (E939.3)	-	-	-	-	-	-	-	-	-
Benzodiazepine-based tranquilizers (E939.4)	1	-	1	-	1	-	-	-	-
Other tranquilizers (E939.5)	-	-	-	-	-	-	-	-	-
Psychodysleptics (hallucinogens) (E939.6)	-	-	-	-	-	-	-	-	-
Psychostimulants (E939.7)	1	-	1	-	1	-	-	-	-
Other psychotropic agents (E939.8)	-	-	-	-	-	-	-	-	-
Unspecified (E939.9)	-	-	-	-	-	-	-	-	-
Central nervous system stimulants (E940)	-	-	-	-	-	-	-	-	-
Analeptics (E940.0)	-	-	-	-	-	-	-	-	-
Opiate antagonists (E940.1)	-	-	-	-	-	-	-	-	-
Other (E940.8)	-	-	-	-	-	-	-	-	-
Unspecified (E940.9)	-	-	-	-	-	-	-	-	-
Drugs primarily affecting the autonomic nervous system (E941)	2	2	-	2	-	-	-	-	-
Parasympathomimetics (cholinergics) (E941.0)	-	-	-	-	-	-	-	-	-
Parasympatholytics (anticholinergics and antimuscarinics) and spasmolytics (E941.1)	-	-	-	-	-	-	-	-	-
Sympathomimetics (adrenergics) (E941.2)	-	-	-	-	-	-	-	-	-
Sympatholytics (antiadrenergics) (E941.3)	2	2	-	2	-	-	-	-	-
Unspecified (E941.9)	-	-	-	-	-	-	-	-	-
Agents primarily affecting the cardiovascular system (E942)	5	-	5	-	4	-	1	-	1
Cardiac rhythm regulators (E942.0)	1	-	1	-	1	-	-	-	-
Cardiotonic glycosides and drugs of similar action (E942.1)	3	-	3	-	2	-	1	-	1
Antilipemic and antiarteriosclerotic drugs (E942.2)	-	-	-	-	-	-	-	-	-
Ganglion-blocking agents (E942.3)	-	-	-	-	-	-	-	-	-
Coronary vasodilators (E942.4)	1	-	1	-	1	-	-	-	-
Other vasodilators (E942.5)	-	-	-	-	-	-	-	-	-
Other antihypertensive agents (E942.6)	-	-	-	-	-	-	-	-	-
Antivaricose drugs, including sclerosing agents (E942.7)	-	-	-	-	-	-	-	-	-
Capillary-active drugs (E942.8)	-	-	-	-	-	-	-	-	-
Other and unspecified (E942.9)	-	-	-	-	-	-	-	-	-
Agents primarily affecting gastrointestinal system (E943)	1	1	-	1	-	-	-	-	-
Antacids and anti-gastric-secretion drugs (E943.0)	1	1	-	1	-	-	-	-	-
Irritant cathartics (E943.1)	-	-	-	-	-	-	-	-	-
Emollient cathartics (E943.2)	-	-	-	-	-	-	-	-	-
Other cathartics, including intestinal atonia drugs (E943.3)	-	-	-	-	-	-	-	-	-
Digestants (E943.4)	-	-	-	-	-	-	-	-	-
Antidiarrheal drugs (E943.5)	-	-	-	-	-	-	-	-	-
Emetics (E943.6)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use-Con.									
Agents primarily affecting blood constituents (E934)	0.0	*	*	*	*	*	*	*	*
Iron and its compounds (E934.0)	*	*	*	*	*	*	*	*	*
Liver preparations and other antianemic agents (E934.1)	*	*	*	*	*	*	*	*	*
Anticoagulants (E934.2)	*	*	*	*	*	*	*	*	*
Vitamin K (phytomenadione) (E934.3)	*	*	*	*	*	*	*	*	*
Fibrinolysis-affecting drugs (E934.4)	*	*	*	*	*	*	*	*	*
Anticoagulant antagonists and other coagulants (E934.5)	*	*	*	*	*	*	*	*	*
Gamma globulin (E934.6)	*	*	*	*	*	*	*	*	*
Natural blood and blood products (E934.7)	*	*	*	*	*	*	*	*	*
Other (E934.8)	*	*	*	*	*	*	*	*	*
Unspecified (E934.9)	*	*	*	*	*	*	*	*	*
Analgesics, antipyretics, and antirheumatics (E935)	*	*	*	*	*	*	*	*	*
Opiates and related narcotics (E935.0)	*	*	*	*	*	*	*	*	*
Salicylates (E935.1)	*	*	*	*	*	*	*	*	*
Aromatic analgesics, not elsewhere classified (E935.2)	*	*	*	*	*	*	*	*	*
Pyrazole derivatives (E935.3)	*	*	*	*	*	*	*	*	*
Antirheumatics (antiphlogistics) (E935.4)	*	*	*	*	*	*	*	*	*
Other non-narcotic analgesics (E935.5)	*	*	*	*	*	*	*	*	*
Other (E935.8)	*	*	*	*	*	*	*	*	*
Unspecified (E935.9)	*	*	*	*	*	*	*	*	*
Anticonvulsants and anti-Parkinsonism drugs (E936)	*	*	*	*	*	*	*	*	*
Oxazolidine derivatives (E936.0)	*	*	*	*	*	*	*	*	*
Hydantoin derivatives (E936.1)	*	*	*	*	*	*	*	*	*
Succinimides (E936.2)	*	*	*	*	*	*	*	*	*
Other and unspecified anticonvulsants (E936.3)	*	*	*	*	*	*	*	*	*
Anti-Parkinsonism drugs (E936.4)	*	*	*	*	*	*	*	*	*
Sedatives and hypnotics (E937)	*	*	*	*	*	*	*	*	*
Barbiturates (E937.0)	*	*	*	*	*	*	*	*	*
Chloral hydrate group (E937.1)	*	*	*	*	*	*	*	*	*
Paraldehyde (E937.2)	*	*	*	*	*	*	*	*	*
Bromine compounds (E937.3)	*	*	*	*	*	*	*	*	*
Methaqualone compounds (E937.4)	*	*	*	*	*	*	*	*	*
Glutethimide group (E937.5)	*	*	*	*	*	*	*	*	*
Mixed sedatives, not elsewhere classified (E937.6)	*	*	*	*	*	*	*	*	*
Other (E937.8)	*	*	*	*	*	*	*	*	*
Unspecified (E937.9)	*	*	*	*	*	*	*	*	*
Other central nervous system depressants (E938)	*	*	*	*	*	*	*	*	*
Central nervous system muscle-tone depressants (E938.0)	*	*	*	*	*	*	*	*	*
Halothane (E938.1)	*	*	*	*	*	*	*	*	*
Other gaseous anesthetics (E938.2)	*	*	*	*	*	*	*	*	*
Intravenous anesthetics (E938.3)	*	*	*	*	*	*	*	*	*
Other and unspecified general anesthetics (E938.4)	*	*	*	*	*	*	*	*	*
Surface and infiltration anesthetics (E938.5)	*	*	*	*	*	*	*	*	*
Peripheral nerve- and plexus-blocking anesthetics (E938.6)	*	*	*	*	*	*	*	*	*
Spinal anesthetics (E938.7)	*	*	*	*	*	*	*	*	*
Other and unspecified local anesthetics (E938.9)	*	*	*	*	*	*	*	*	*
Psychotropic agents (E939)	*	*	*	*	*	*	*	*	*
Antidepressants (E939.0)	*	*	*	*	*	*	*	*	*
Phenothiazine-based tranquilizers (E939.1)	*	*	*	*	*	*	*	*	*
Butyrophenone-based tranquilizers (E939.2)	*	*	*	*	*	*	*	*	*
Other antipsychotics, neuroleptics, and major tranquilizers (E939.3)	*	*	*	*	*	*	*	*	*
Benzodiazepine-based tranquilizers (E939.4)	*	*	*	*	*	*	*	*	*
Other tranquilizers (E939.5)	*	*	*	*	*	*	*	*	*
Psychodysleptics (hallucinogens) (E939.6)	*	*	*	*	*	*	*	*	*
Psychostimulants (E939.7)	*	*	*	*	*	*	*	*	*
Other psychotropic agents (E939.8)	*	*	*	*	*	*	*	*	*
Unspecified (E939.9)	*	*	*	*	*	*	*	*	*
Central nervous system stimulants (E940)	*	*	*	*	*	*	*	*	*
Analeptics (E940.0)	*	*	*	*	*	*	*	*	*
Opiate antagonists (E940.1)	*	*	*	*	*	*	*	*	*
Other (E940.8)	*	*	*	*	*	*	*	*	*
Unspecified (E940.9)	*	*	*	*	*	*	*	*	*
Drugs primarily affecting the autonomic nervous system (E941)	*	*	*	*	*	*	*	*	*
Parasympathomimetics (cholinergics) (E941.0)	*	*	*	*	*	*	*	*	*
Parasympatholytics (anticholinergics and antimuscarinics) and spasmolytics (E941.1)	*	*	*	*	*	*	*	*	*
Sympathomimetics (adrenergics) (E941.2)	*	*	*	*	*	*	*	*	*
Sympatholytics (antiadrenergics) (E941.3)	*	*	*	*	*	*	*	*	*
Unspecified (E941.9)	*	*	*	*	*	*	*	*	*
Agents primarily affecting the cardiovascular system (E942)	*	*	*	*	*	*	*	*	*
Cardiac rhythm regulators (E942.0)	*	*	*	*	*	*	*	*	*
Cardiotonic glycosides and drugs of similar action (E942.1)	*	*	*	*	*	*	*	*	*
Antilipemic and antiarteriosclerotic drugs (E942.2)	*	*	*	*	*	*	*	*	*
Ganglion-blocking agents (E942.3)	*	*	*	*	*	*	*	*	*
Coronary vasodilators (E942.4)	*	*	*	*	*	*	*	*	*
Other vasodilators (E942.5)	*	*	*	*	*	*	*	*	*
Other antihypertensive agents (E942.6)	*	*	*	*	*	*	*	*	*
Antivaricose drugs, including sclerosing agents (E942.7)	*	*	*	*	*	*	*	*	*
Capillary-active drugs (E942.8)	*	*	*	*	*	*	*	*	*
Other and unspecified (E942.9)	*	*	*	*	*	*	*	*	*
Agents primarily affecting gastrointestinal system (E943)	*	*	*	*	*	*	*	*	*
Antacids and anti-gastric-secretion drugs (E943.0)	*	*	*	*	*	*	*	*	*
Irritant cathartics (E943.1)	*	*	*	*	*	*	*	*	*
Emollient cathartics (E943.2)	*	*	*	*	*	*	*	*	*
Other cathartics, including intestinal atonia drugs (E943.3)	*	*	*	*	*	*	*	*	*
Digestants (E943.4)	*	*	*	*	*	*	*	*	*
Antidiarrheal drugs (E943.5)	*	*	*	*	*	*	*	*	*
Emetics (E943.6)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

(Page 133 of 140)

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Agents primarily affecting gastrointestinal system-Con.									
Other (E943.8)	-	-	-	-	-	-	-	-	-
Unspecified (E943.9)	-	-	-	-	-	-	-	-	-
Water, mineral, and uric acid metabolism drugs (E944)	2	-	2	-	1	-	1	-	1
Mercurial diuretics (E944.0)	-	-	-	-	-	-	-	-	-
Purine derivative diuretics (E944.1)	2	-	2	-	1	-	1	-	1
Carbonic acid anhydrase inhibitors (E944.2)	-	-	-	-	-	-	-	-	-
Saluretics (E944.3)	-	-	-	-	-	-	-	-	-
Other diuretics (E944.4)	-	-	-	-	-	-	-	-	-
Electrolytic, caloric, and water-balance agents (E944.5)	-	-	-	-	-	-	-	-	-
Other mineral salts, not elsewhere classified (E944.6)	-	-	-	-	-	-	-	-	-
Uric acid metabolism drugs (E944.7)	-	-	-	-	-	-	-	-	-
Agents primarily acting on the smooth and skeletal muscles and respiratory system (E945)	2	1	1	1	-	-	1	-	-
Oxytocic agents (E945.0)	-	-	-	-	-	-	-	-	-
Smooth muscle relaxants (E945.1)	-	-	-	-	-	-	-	-	-
Skeletal muscle relaxants (E945.2)	-	-	-	-	-	-	-	-	-
Other and unspecified drugs acting on muscles (E945.3)	-	-	-	-	-	-	-	-	-
Antitussives (E945.4)	-	-	-	-	-	-	-	-	-
Expectorants (E945.5)	-	-	-	-	-	-	-	-	-
Anti-common-cold drugs (E945.6)	1	-	1	-	-	-	1	-	-
Antiasthmatics (E945.7)	-	-	-	-	-	-	-	-	-
Other and unspecified respiratory drugs (E945.8)	1	1	-	1	-	-	-	-	-
Agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs (E946)	-	-	-	-	-	-	-	-	-
Local anti-infectives and anti-inflammatory drugs (E946.0)	-	-	-	-	-	-	-	-	-
Antipruritics (E946.1)	-	-	-	-	-	-	-	-	-
Local astringents and local detergents (E946.2)	-	-	-	-	-	-	-	-	-
Emollients, demulcents, and protectants (E946.3)	-	-	-	-	-	-	-	-	-
Keratolytics, keratoplastics, other hair treatment drugs and preparations (E946.4)	-	-	-	-	-	-	-	-	-
Eye anti-infectives and other eye drugs (E946.5)	-	-	-	-	-	-	-	-	-
Anti-infective and other drugs and preparations for ear, nose, and throat (E946.6)	-	-	-	-	-	-	-	-	-
Dental drugs topically applied (E946.7)	-	-	-	-	-	-	-	-	-
Other (E946.8)	-	-	-	-	-	-	-	-	-
Unspecified (E946.9)	-	-	-	-	-	-	-	-	-
Other and unspecified drugs and medicaments (E947)	71	34	37	31	34	3	3	2	3
Dietetics (E947.0)	-	-	-	-	-	-	-	-	-
Lipotropic drugs (E947.1)	-	-	-	-	-	-	-	-	-
Antidotes and chelating agents, not elsewhere classified (E947.2)	-	-	-	-	-	-	-	-	-
Alcohol deterrents (E947.3)	-	-	-	-	-	-	-	-	-
Pharmaceutical excipients (E947.4)	-	-	-	-	-	-	-	-	-
Other drugs and medicaments (E947.8)	25	14	11	11	10	3	1	2	1
Unspecified drug or medicament (E947.9)	46	20	26	20	24	-	2	-	2
Bacterial vaccines (E948)	-	-	-	-	-	-	-	-	-
BCG vaccine (E948.0)	-	-	-	-	-	-	-	-	-
Typhoid and paratyphoid (E948.1)	-	-	-	-	-	-	-	-	-
Cholera (E948.2)	-	-	-	-	-	-	-	-	-
Plague (E948.3)	-	-	-	-	-	-	-	-	-
Tetanus (E948.4)	-	-	-	-	-	-	-	-	-
Diphtheria (E948.5)	-	-	-	-	-	-	-	-	-
Pertussis vaccine, including combinations with a pertussis component (E948.6)	-	-	-	-	-	-	-	-	-
Other and unspecified bacterial vaccines (E948.8)	-	-	-	-	-	-	-	-	-
Mixed bacterial vaccines, except combinations with a pertussis component (E948.9)	-	-	-	-	-	-	-	-	-
Other vaccines and biological substances (E949)	2	1	1	-	1	1	-	1	-
Smallpox vaccine (E949.0)	-	-	-	-	-	-	-	-	-
Rabies vaccine (E949.1)	-	-	-	-	-	-	-	-	-
Typhus vaccine (E949.2)	-	-	-	-	-	-	-	-	-
Yellow fever vaccine (E949.3)	-	-	-	-	-	-	-	-	-
Measles vaccine (E949.4)	-	-	-	-	-	-	-	-	-
Poliomyelitis vaccine (E949.5)	-	-	-	-	-	-	-	-	-
Other and unspecified viral and rickettsial vaccines (E949.6)	-	-	-	-	-	-	-	-	-
Mixed viral-rickettsial and bacterial vaccines, except combinations with a pertussis component (E949.7)	-	-	-	-	-	-	-	-	-
Other and unspecified vaccines and biological substances (E949.9)	2	1	1	-	1	1	-	1	-
Suicide (E950-E959)	30,906	24,724	6,182	22,448	5,638	2,276	544	1,737	374
Suicide by solid or liquid substances (E950)	3,143	1,479	1,664	1,359	1,534	120	130	84	97
Analgesics, antipyretics, and antirheumatics (E950.0)	374	168	206	159	193	9	13	8	10
Barbiturates (E950.1)	137	63	74	60	71	3	3	1	2
Other sedatives and hypnotics (E950.2)	50	28	22	27	22	1	-	1	-
Tranquilizers and other psychotropic agents (E950.3)	939	425	514	390	467	35	47	27	35
Other specified drugs and medicaments (E950.4)	765	342	423	316	383	26	40	15	30
Unspecified drug or medicament (E950.5)	655	289	366	269	346	20	20	16	14
Agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E950.6)	30	21	9	16	7	5	2	5	2
Corrosive and caustic substances (E950.7)	33	23	10	14	9	9	1	6	1
Arsenic and its compounds (E950.8)	12	9	3	7	3	2	-	-	-
Other and unspecified solid and liquid substances (E950.9)	148	111	37	101	33	10	4	5	3
Suicide by gases in domestic use (E951)	28	25	3	25	3	-	-	-	-
Gas distributed by pipeline (E951.0)	12	10	2	10	2	-	-	-	-
Liquefied petroleum gas distributed in mobile containers (E951.1)	14	13	1	13	1	-	-	-	-
Other utility gas (E951.8)	2	2	-	2	-	-	-	-	-
Suicide by other gases and vapors (E952)	2,253	1,717	536	1,677	522	40	14	21	9
Motor vehicle exhaust gas (E952.0)	1,877	1,415	462	1,380	454	35	8	20	6
Other carbon monoxide (E952.1)	348	277	71	272	66	5	5	1	2
Other specified gases and vapors (E952.8)	21	18	3	18	2	-	1	-	1
Unspecified gases and vapors (E952.9)	7	7	-	7	-	-	-	-	-
Suicide by hanging, strangulation, and suffocation (E953)	4,444	3,688	756	3,163	649	525	107	329	45
Hanging (E953.0)	3,998	3,455	543	2,944	445	511	98	320	38
Suffocation by plastic bag (E953.1)	334	153	181	145	176	8	5	4	3

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

(Page 134 of 140)

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Agents primarily affecting gastrointestinal system-Con.									
Other (E943.8)	*	*	*	*	*	*	*	*	*
Unspecified (E943.9)	*	*	*	*	*	*	*	*	*
Water, mineral, and uric acid metabolism drugs (E944)	*	*	*	*	*	*	*	*	*
Mercurial diuretics (E944.0)	*	*	*	*	*	*	*	*	*
Purine derivative diuretics (E944.1)	*	*	*	*	*	*	*	*	*
Carbonic acid anhydrase inhibitors (E944.2)	*	*	*	*	*	*	*	*	*
Saluretics (E944.3)	*	*	*	*	*	*	*	*	*
Other diuretics (E944.4)	*	*	*	*	*	*	*	*	*
Electrolytic, caloric, and water-balance agents (E944.5)	*	*	*	*	*	*	*	*	*
Other mineral salts, not elsewhere classified (E944.6)	*	*	*	*	*	*	*	*	*
Uric acid metabolism drugs (E944.7)	*	*	*	*	*	*	*	*	*
Agents primarily acting on the smooth and skeletal muscles and respiratory system (E945)	*	*	*	*	*	*	*	*	*
Oxytocic agents (E945.0)	*	*	*	*	*	*	*	*	*
Smooth muscle relaxants (E945.1)	*	*	*	*	*	*	*	*	*
Skeletal muscle relaxants (E945.2)	*	*	*	*	*	*	*	*	*
Other and unspecified drugs acting on muscles (E945.3)	*	*	*	*	*	*	*	*	*
Antitussives (E945.4)	*	*	*	*	*	*	*	*	*
Expectorants (E945.5)	*	*	*	*	*	*	*	*	*
Anti-common-cold drugs (E945.6)	*	*	*	*	*	*	*	*	*
Antiasthmatics (E945.7)	*	*	*	*	*	*	*	*	*
Other and unspecified respiratory drugs (E945.8)	*	*	*	*	*	*	*	*	*
Agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs (E946)	*	*	*	*	*	*	*	*	*
Local anti-infectives and anti-inflammatory drugs (E946.0)	*	*	*	*	*	*	*	*	*
Antipruritics (E946.1)	*	*	*	*	*	*	*	*	*
Local astringents and local detergents (E946.2)	*	*	*	*	*	*	*	*	*
Emollients, demulcents, and protectants (E946.3)	*	*	*	*	*	*	*	*	*
Keratolytics, keratoplastics, other hair treatment drugs and preparations (E946.4)	*	*	*	*	*	*	*	*	*
Eye anti-infectives and other eye drugs (E946.5)	*	*	*	*	*	*	*	*	*
Anti-infective and other drugs and preparations for ear, nose, and throat (E946.6)	*	*	*	*	*	*	*	*	*
Dental drugs topically applied (E946.7)	*	*	*	*	*	*	*	*	*
Other (E946.8)	*	*	*	*	*	*	*	*	*
Unspecified (E946.9)	*	*	*	*	*	*	*	*	*
Other and unspecified drugs and medicaments (E947)	0.0	0.0	0.0	0.0	0.0	*	*	*	*
Dietetics (E947.0)	*	*	*	*	*	*	*	*	*
Lipotropic drugs (E947.1)	*	*	*	*	*	*	*	*	*
Antidotes and chelating agents, not elsewhere classified (E947.2)	*	*	*	*	*	*	*	*	*
Alcohol deterrents (E947.3)	*	*	*	*	*	*	*	*	*
Pharmaceutical excipients (E947.4)	*	*	*	*	*	*	*	*	*
Other drugs and medicaments (E947.8)	.0	*	*	*	*	*	*	*	*
Unspecified drug or medicament (E947.9)	.0	.0	.0	.0	.0	*	*	*	*
Bacterial vaccines (E948)	*	*	*	*	*	*	*	*	*
BCG vaccine (E948.0)	*	*	*	*	*	*	*	*	*
Typhoid and paratyphoid (E948.1)	*	*	*	*	*	*	*	*	*
Cholera (E948.2)	*	*	*	*	*	*	*	*	*
Plague (E948.3)	*	*	*	*	*	*	*	*	*
Tetanus (E948.4)	*	*	*	*	*	*	*	*	*
Diphtheria (E948.5)	*	*	*	*	*	*	*	*	*
Pertussis vaccine, including combinations with a pertussis component (E948.6)	*	*	*	*	*	*	*	*	*
Other and unspecified bacterial vaccines (E948.8)	*	*	*	*	*	*	*	*	*
Mixed bacterial vaccines, except combinations with a pertussis component (E948.9)	*	*	*	*	*	*	*	*	*
Other vaccines and biological substances (E949)	*	*	*	*	*	*	*	*	*
Smallpox vaccine (E949.0)	*	*	*	*	*	*	*	*	*
Rabies vaccine (E949.1)	*	*	*	*	*	*	*	*	*
Typhus vaccine (E949.2)	*	*	*	*	*	*	*	*	*
Yellow fever vaccine (E949.3)	*	*	*	*	*	*	*	*	*
Measles vaccine (E949.4)	*	*	*	*	*	*	*	*	*
Poliomyelitis vaccine (E949.5)	*	*	*	*	*	*	*	*	*
Other and unspecified viral and rickettsial vaccines (E949.6)	*	*	*	*	*	*	*	*	*
Mixed viral-rickettsial and bacterial vaccines, except combinations with a pertussis component (E949.7)	*	*	*	*	*	*	*	*	*
Other and unspecified vaccines and biological substances (E949.9)	*	*	*	*	*	*	*	*	*
Suicide (E950-E959)	12.4	20.4	4.8	22.0	5.3	11.9	2.6	12.0	2.3
Suicide by solid or liquid substances (E950)	1.3	1.2	1.3	1.3	1.4	.6	.6	.6	.6
Analgesics, antipyretics, and antirheumatics (E950.0)	.2	.1	.2	.2	.2	*	*	*	*
Barbiturates (E950.1)	.1	.1	.1	.1	.1	*	*	*	*
Other sedatives and hypnotics (E950.2)	.0	.0	.0	.0	.0	*	*	*	*
Tranquilizers and other psychotropic agents (E950.3)	.4	.4	.4	.4	.4	.2	.2	.2	.2
Other specified drugs and medicaments (E950.4)	.3	.3	.3	.3	.4	.1	.2	*	.2
Unspecified drug or medicament (E950.5)	.3	.2	.3	.3	.3	.1	.1	*	*
Agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E950.6)	.0	.0	*	*	*	*	*	*	*
Corrosive and caustic substances (E950.7)	.0	.0	*	*	*	*	*	*	*
Arsenic and its compounds (E950.8)	*	*	*	*	*	*	*	*	*
Other and unspecified solid and liquid substances (E950.9)	.1	.1	.0	.1	.0	*	*	*	*
Suicide by gases in domestic use (E951)	.0	.0	*	.0	*	*	*	*	*
Gas distributed by pipeline (E951.0)	*	*	*	*	*	*	*	*	*
Liquefied petroleum gas distributed in mobile containers (E951.1)	*	*	*	*	*	*	*	*	*
Other utility gas (E951.8)	*	*	*	*	*	*	*	*	*
Suicide by other gases and vapors (E952)	.9	1.4	.4	1.6	.5	.2	*	.1	*
Motor vehicle exhaust gas (E952.0)	.8	1.2	.4	1.4	.4	.2	*	.1	*
Other carbon monoxide (E952.1)	.1	.2	.1	.3	.1	*	*	*	*
Other specified gases and vapors (E952.8)	.0	*	*	*	*	*	*	*	*
Unspecified gases and vapors (E952.9)	*	*	*	*	*	*	*	*	*
Suicide by hanging, strangulation, and suffocation (E953)	1.8	3.0	.6	3.1	.6	2.7	.5	2.3	.3
Hanging (E953.0)	1.6	2.8	.4	2.9	.4	2.7	.5	2.2	.2
Suffocation by plastic bag (E953.1)	.1	.1	.1	.1	.2	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Suicide by hanging, strangulation, and suffocation-Con.									
Other specified means (E953.8)	60	45	15	40	12	5	3	4	3
Unspecified means (E953.9)	52	35	17	34	16	1	1	1	1
Suicide by submersion (drowning) (E954)	408	258	150	207	133	51	17	44	14
Suicide by firearms and explosives (E955)	18,900	16,300	2,600	14,963	2,395	1,337	205	1,103	161
Handgun (E955.0)	3,464	2,843	621	2,645	573	198	48	144	34
Shotgun (E955.1)	2,340	2,177	163	2,036	153	141	10	123	6
Hunting rifle (E955.2)	1,092	1,010	82	957	81	53	1	23	-
Military firearms (E955.3)	5	5	-	4	-	1	-	1	-
Other and unspecified firearms (E955.4)	11,984	10,250	1,734	9,307	1,588	943	146	811	121
Explosives (E955.5)	3	3	-	3	-	-	-	-	-
Unspecified (E955.9)	12	12	-	11	-	1	-	1	-
Suicide by cutting and piercing instruments (E956)	425	345	80	311	71	34	9	19	4
Suicide by jumping from high place (E957)	691	469	222	373	185	96	37	79	24
Residential premises (E957.0)	310	197	113	163	93	34	20	27	11
Other manmade structures (E957.1)	277	207	70	159	61	48	9	40	5
Natural sites (E957.2)	19	11	8	10	8	1	-	-	-
Unspecified (E957.9)	85	54	31	41	23	13	8	12	8
Suicide by other and unspecified means (E958)	599	431	168	361	143	70	25	56	20
Jumping or lying before moving object (E958.0)	233	182	51	150	40	32	11	26	10
Burns, fire (E958.1)	183	122	61	103	49	19	12	18	10
Scald (E958.2)	-	-	-	-	-	-	-	-	-
Extremes of cold (E958.3)	5	5	-	5	-	-	-	-	-
Electrocution (E958.4)	24	20	4	15	4	5	-	3	-
Crashing of motor vehicle (E958.5)	67	46	21	39	20	7	1	5	-
Crashing of aircraft (E958.6)	1	1	-	1	-	-	-	-	-
Caustic substances, except poisoning (E958.7)	1	1	-	1	-	-	-	-	-
Other specified means (E958.8)	50	34	16	28	15	6	1	3	-
Unspecified means (E958.9)	35	20	15	19	15	1	-	1	-
Late effects of self-inflicted injury (E959)	15	12	3	9	3	3	-	2	-
Homicide (E960-E969)	24,614	19,298	5,316	8,954	2,999	10,344	2,317	9,876	2,159
Fight, brawl, rape (E960)	97	84	13	61	9	23	4	21	4
Unarmed fight or brawl (E960.0)	89	84	5	61	3	23	2	21	2
Rape (E960.1)	8	-	8	-	6	-	2	-	2
Assault by corrosive or caustic substance, except poisoning (E961)	1	-	1	-	-	-	1	-	1
Assault by poisoning (E962)	45	32	13	29	11	3	2	3	2
Drugs and medicaments (E962.0)	32	23	9	21	7	2	2	2	2
Other solid and liquid substances (E962.1)	5	4	1	4	1	-	-	-	-
Other gases and vapors (E962.2)	8	5	3	4	3	1	-	1	-
Unspecified poisoning (E962.9)	-	-	-	-	-	-	-	-	-
Assault by hanging and strangulation (E963)	959	293	666	190	390	103	276	90	247
Assault by submersion (drowning) (E964)	76	39	37	22	23	17	14	16	13
Assault by firearms and explosives (E965)	16,234	13,641	2,593	5,903	1,484	7,738	1,109	7,456	1,046
Handgun (E965.0)	1,337	1,046	291	528	186	518	105	487	97
Shotgun (E965.1)	1,223	1,015	208	551	130	464	78	443	73
Hunting rifle (E965.2)	197	151	46	112	37	39	9	35	7
Military firearms (E965.3)	2	2	-	1	-	1	-	1	-
Other and unspecified firearms (E965.4)	13,459	11,415	2,044	4,702	1,129	6,713	915	6,487	867
Antipersonnel bomb (E965.5)	-	-	-	-	-	-	-	-	-
Petrol bomb (E965.6)	2	2	-	1	-	1	-	1	-
Letter bomb (E965.7)	1	1	-	1	-	-	-	-	-
Other specified explosive (E965.8)	5	2	3	2	2	-	1	-	1
Unspecified explosive (E965.9)	8	7	1	5	-	2	1	2	1
Assault by cutting and piercing instrument (E966)	4,101	3,158	943	1,517	467	1,641	476	1,549	449
Child battering and other maltreatment (E967)	276	141	135	73	69	68	66	59	64
By parent (E967.0)	19	11	8	6	7	5	1	4	1
By other specified person (E967.1)	5	3	2	2	1	1	1	-	-
By unspecified person (E967.9)	252	127	125	65	61	62	64	55	63
Assault by other and unspecified means (E968)	2,760	1,860	900	1,135	541	725	359	657	323
Fire (E968.0)	310	185	125	125	75	60	50	56	46
Pushing from high place (E968.1)	30	20	10	10	5	10	5	8	5
Striking by blunt or thrown object (E968.2)	463	342	121	214	77	128	44	114	41
Hot liquid (E968.3)	7	5	2	1	1	4	1	4	1
Criminal neglect (E968.4)	24	11	13	7	5	4	8	4	7
Other specified means (E968.8)	850	590	260	356	153	234	107	208	95
Unspecified means (E968.9)	1,076	707	369	422	225	285	144	263	128
Late effects of injury purposely inflicted by other person (E969)	65	50	15	24	5	26	10	25	10
Legal intervention (E970-E978)	318	306	12	193	7	113	5	105	4
Injury due to legal intervention by firearms (E970)	289	278	11	176	6	102	5	94	4
Injury due to legal intervention by explosives (E971)	1	-	1	-	1	-	-	-	-
Injury due to legal intervention by gas (E972)	-	-	-	-	-	-	-	-	-
Injury due to legal intervention by blunt object (E973)	1	1	-	1	-	-	-	-	-
Injury due to legal intervention by cutting and piercing instruments (E974)	-	-	-	-	-	-	-	-	-
Injury due to legal intervention by other specified means (E975)	5	5	-	2	-	3	-	3	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Suicide by hanging, strangulation, and suffocation-Con.									
Other specified means (E953.8)	0.0	0.0	*	0.0	*	*	*	*	*
Unspecified means (E953.9)	.0	.0	*	.0	*	*	*	*	*
Suicide by submersion (drowning) (E954)	.2	.2	0.1	.2	0.1	0.3	*	0.3	*
Suicide by firearms and explosives (E955)	7.6	13.4	2.0	14.6	2.2	7.0	1.0	7.6	1.0
Handgun (E955.0)	1.4	2.3	.5	2.6	.5	1.0	.2	1.0	.2
Shotgun (E955.1)	.9	1.8	.1	2.0	.1	.7	*	.9	*
Hunting rifle (E955.2)	.4	.8	.1	.9	.1	.3	*	.2	*
Military firearms (E955.3)	*	*	*	*	*	*	*	*	*
Other and unspecified firearms (E955.4)	4.8	8.5	1.4	9.1	1.5	4.9	.7	5.6	.8
Explosives (E955.5)	*	*	*	*	*	*	*	*	*
Unspecified (E955.9)	*	*	*	*	*	*	*	*	*
Suicide by cutting and piercing instruments (E956)	.2	.3	.1	.3	.1	.2	*	*	*
Suicide by jumping from high place (E957)	.3	.4	.2	.4	.2	.5	.2	.5	.1
Residential premises (E957.0)	.1	.2	.1	.2	.1	.2	.1	.2	*
Other manmade structures (E957.1)	.1	.2	.1	.2	.1	.3	*	.3	*
Natural sites (E957.2)	*	*	*	*	*	*	*	*	*
Unspecified (E957.9)	.0	.0	.0	.0	.0	*	*	*	*
Suicide by other and unspecified means (E958)	.2	.4	.1	.4	.1	.4	.1	.4	.1
Jumping or lying before moving object (E958.0)	.1	.2	.0	.1	.0	.2	*	.2	*
Burns, fire (E958.1)	.1	.1	.0	.1	.0	*	*	*	*
Scald (E958.2)	*	*	*	*	*	*	*	*	*
Extremes of cold (E958.3)	*	*	*	*	*	*	*	*	*
Electrocution (E958.4)	.0	.0	*	*	*	*	*	*	*
Crashing of motor vehicle (E958.5)	.0	.0	.0	.0	.0	*	*	*	*
Crashing of aircraft (E958.6)	*	*	*	*	*	*	*	*	*
Caustic substances, except poisoning (E958.7)	*	*	*	*	*	*	*	*	*
Other specified means (E958.8)	.0	.0	*	.0	*	*	*	*	*
Unspecified means (E958.9)	.0	.0	*	*	*	*	*	*	*
Late effects of self-inflicted injury (E959)	*	*	*	*	*	*	*	*	*
Homicide (E960-E969)	9.9	15.9	4.2	8.8	2.8	54.2	11.1	68.5	13.4
Fight, brawl, rape (E960)	.0	.1	*	.1	*	.1	*	.1	*
Unarmed fight or brawl (E960.0)	.0	.1	*	.1	*	.1	*	.1	*
Rape (E960.1)	*	*	*	*	*	*	*	*	*
Assault by corrosive or caustic substance, except poisoning (E961)	*	*	*	*	*	*	*	*	*
Assault by poisoning (E962)	.0	.0	*	.0	*	*	*	*	*
Drugs and medicaments (E962.0)	.0	.0	*	.0	*	*	*	*	*
Other solid and liquid substances (E962.1)	*	*	*	*	*	*	*	*	*
Other gases and vapors (E962.2)	*	*	*	*	*	*	*	*	*
Unspecified poisoning (E962.9)	*	*	*	*	*	*	*	*	*
Assault by hanging and strangulation (E963)	.4	.2	.5	.2	.4	.5	1.3	.6	1.5
Assault by submersion (drowning) (E964)	.0	.0	.0	.0	.0	*	*	*	*
Assault by firearms and explosives (E965)	6.5	11.3	2.0	5.8	1.4	40.5	5.3	51.7	6.5
Handgun (E965.0)	.5	.9	.2	.5	.2	2.7	.5	3.4	.6
Shotgun (E965.1)	.5	.8	.2	.5	.1	2.4	.4	3.1	.5
Hunting rifle (E965.2)	.1	.1	.0	.1	.0	.2	*	.2	*
Military firearms (E965.3)	*	*	*	*	*	*	*	*	*
Other and unspecified firearms (E965.4)	5.4	9.4	1.6	4.6	1.1	35.2	4.4	45.0	5.4
Antipersonnel bomb (E965.5)	*	*	*	*	*	*	*	*	*
Petrol bomb (E965.6)	*	*	*	*	*	*	*	*	*
Letter bomb (E965.7)	*	*	*	*	*	*	*	*	*
Other specified explosive (E965.8)	*	*	*	*	*	*	*	*	*
Unspecified explosive (E965.9)	*	*	*	*	*	*	*	*	*
Assault by cutting and piercing instrument (E966)	1.6	2.6	.7	1.5	.4	8.6	2.3	10.7	2.8
Child battering and other maltreatment (E967)	.1	.1	.1	.1	.1	.4	.3	.4	.4
By parent (E967.0)	*	*	*	*	*	*	*	*	*
By other specified person (E967.1)	*	*	*	*	*	*	*	*	*
By unspecified person (E967.9)	.1	.1	.1	.1	.1	.3	.3	.4	.4
Assault by other and unspecified means (E968)	1.1	1.5	.7	1.1	.5	3.8	1.7	4.6	2.0
Fire (E968.0)	.1	.2	.1	.1	.1	.3	.2	.4	.3
Pushing from high place (E968.1)	.0	.0	*	*	*	*	*	*	*
Striking by blunt or thrown object (E968.2)	.2	.3	.1	.2	.1	.7	.2	.8	.3
Hot liquid (E968.3)	*	*	*	*	*	*	*	*	*
Criminal neglect (E968.4)	.0	*	*	*	*	*	*	*	*
Other specified means (E968.8)	.3	.5	.2	.3	.1	1.2	.5	1.4	.6
Unspecified means (E968.9)	.4	.6	.3	.4	.2	1.5	.7	1.8	.8
Late effects of injury purposely inflicted by other person (E969)	.0	.0	*	.0	*	.1	*	.2	*
Legal intervention (E970-E978)	.1	.3	*	.2	*	.6	*	.7	*
Injury due to legal intervention by firearms (E970)	.1	.2	*	.2	*	.5	*	.7	*
Injury due to legal intervention by explosives (E971)	*	*	*	*	*	*	*	*	*
Injury due to legal intervention by gas (E972)	*	*	*	*	*	*	*	*	*
Injury due to legal intervention by blunt object (E973)	*	*	*	*	*	*	*	*	*
Injury due to legal intervention by cutting and piercing instruments (E974)	*	*	*	*	*	*	*	*	*
Injury due to legal intervention by other specified means (E975)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Legal intervention-Con.									
Injury due to legal intervention by unspecified means (E976)	-	-	-	-	-	-	-	-	-
Late effects of injuries due to legal intervention (E977)	1	1	-	-	-	1	-	1	-
Legal execution (E978)	21	21	-	14	-	7	-	7	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	2,376	1,719	657	1,303	505	416	152	359	133
Poisoning by solid or liquid substances, undetermined whether accidentally or purposely inflicted (E980)	1,006	677	329	543	273	134	56	117	49
Analgesics, antipyretics, and antirheumatics (E980.0)	247	190	57	140	43	50	14	48	12
Barbiturates (E980.1)	10	5	5	5	3	-	2	-	1
Other sedatives and hypnotics (E980.2)	7	6	1	6	1	-	-	-	-
Tranquilizers and other psychotropic agents (E980.3)	161	76	85	65	75	11	10	10	8
Other specified drugs and medicaments (E980.4)	324	229	95	180	80	49	15	41	15
Unspecified drug or medicament (E980.5)	206	128	78	115	65	13	13	11	12
Corrosive and caustic substances (E980.6)	-	-	-	-	-	-	-	-	-
Agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E980.7)	5	4	1	3	1	1	-	-	-
Arsenic and its compounds (E980.8)	-	-	-	-	-	-	-	-	-
Other and unspecified solid and liquid substances (E980.9)	46	39	7	29	5	10	2	7	1
Poisoning by gases in domestic use, undetermined whether accidentally or purposely inflicted (E981)	2	2	-	2	-	-	-	-	-
Gas distributed by pipeline (E981.0)	-	-	-	-	-	-	-	-	-
Liquefied petroleum gas distributed in mobile containers (E981.1)	2	2	-	2	-	-	-	-	-
Other utility gas (E981.8)	-	-	-	-	-	-	-	-	-
Poisoning by other gases, undetermined whether accidentally or purposely inflicted (E982)	110	87	23	77	20	10	3	8	3
Motor vehicle exhaust gas (E982.0)	70	57	13	52	12	5	1	4	1
Other carbon monoxide (E982.1)	23	18	5	15	4	3	1	3	1
Other specified gases and vapors (E982.8)	13	9	4	7	3	2	1	1	1
Unspecified gases and vapors (E982.9)	4	3	1	3	1	-	-	-	-
Hanging, strangulation, or suffocation, undetermined whether accidentally or purposely inflicted (E983)	66	51	15	43	11	8	4	7	4
Hanging (E983.0)	39	37	2	33	2	4	-	4	-
Suffocation by plastic bag (E983.1)	6	4	2	4	2	-	-	-	-
Other specified means (E983.8)	10	4	6	4	4	-	2	-	2
Unspecified means (E983.9)	11	6	5	2	3	4	2	3	2
Submersion (drowning), undetermined whether accidentally or purposely inflicted (E984)	244	188	56	122	41	66	15	59	13
Injury by firearms and explosives, undetermined whether accidentally or purposely inflicted (E985)	349	291	58	234	51	57	7	53	6
Handgun (E985.0)	53	41	12	30	9	11	3	10	3
Shotgun (E985.1)	34	29	5	26	4	3	1	3	1
Hunting rifle (E985.2)	11	10	1	9	1	1	-	1	-
Military firearms (E985.3)	-	-	-	-	-	-	-	-	-
Other and unspecified firearms (E985.4)	249	209	40	168	37	41	3	38	2
Explosives (E985.5)	2	2	-	1	-	1	-	1	-
Injury by cutting and piercing instruments, undetermined whether accidentally or purposely inflicted (E986)	17	13	4	7	3	6	1	5	1
Falling from high place, undetermined whether accidentally or purposely inflicted (E987)	65	43	22	31	14	12	8	9	6
Residential premises (E987.0)	35	21	14	16	9	5	5	3	5
Other man-made structures (E987.1)	20	15	5	10	3	5	2	5	1
Natural sites (E987.2)	4	4	-	4	-	-	-	-	-
Unspecified (E987.9)	6	3	3	1	2	2	1	1	-
Injury by other and unspecified means, undetermined whether accidentally or purposely inflicted (E988)	496	348	148	229	90	119	58	97	51
Jumping or lying before moving object (E988.0)	17	16	1	13	-	3	1	2	-
Burns, fire (E988.1)	93	61	32	39	21	22	11	19	8
Scald (E988.2)	6	3	3	1	1	2	2	2	2
Extremes of cold (E988.3)	5	4	1	3	-	1	1	1	1
Electrocution (E988.4)	1	1	-	1	-	-	-	-	-
Crashing of motor vehicle (E988.5)	14	10	4	9	3	1	1	1	1
Crashing of aircraft (E988.6)	-	-	-	-	-	-	-	-	-
Caustic substances, except poisoning (E988.7)	-	-	-	-	-	-	-	-	-
Other specified means (E988.8)	97	62	35	45	27	17	8	14	7
Unspecified means (E988.9)	263	191	72	118	38	73	34	58	32
Late effects of injury, undetermined whether accidentally or purposely inflicted (E989)	21	19	2	15	2	4	-	4	-
Injury resulting from operations of war (E990-E999)	14	14	-	12	-	2	-	2	-
Injury due to war operations by fires and conflagrations (E990)	-	-	-	-	-	-	-	-	-
From petrol bomb (E990.0)	-	-	-	-	-	-	-	-	-
From other and unspecified sources (E990.9)	-	-	-	-	-	-	-	-	-
Injury due to war operations by bullets and fragments (E991)	-	-	-	-	-	-	-	-	-
Rubber bullets (rifle) (E991.0)	-	-	-	-	-	-	-	-	-
Pellets (rifle) (E991.1)	-	-	-	-	-	-	-	-	-
Other bullets (E991.2)	-	-	-	-	-	-	-	-	-
Antipersonnel bomb (fragments) (E991.3)	-	-	-	-	-	-	-	-	-
Other and unspecified fragments (E991.9)	-	-	-	-	-	-	-	-	-
Injury due to war operations by explosion of marine weapons (E992)	-	-	-	-	-	-	-	-	-
Injury due to war operations by other explosion (E993)	1	1	-	-	-	1	-	1	-
Injury due to war operations by destruction of aircraft (E994)	-	-	-	-	-	-	-	-	-
Injury due to war operations by other and unspecified forms of conventional warfare (E995)	-	-	-	-	-	-	-	-	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Legal intervention-Con.									
Injury due to legal intervention by unspecified means (E976)	*	*	*	*	*	*	*	*	*
Late effects of injuries due to legal intervention (E977)	*	*	*	*	*	*	*	*	*
Legal execution (E978)	0.0	0.0	*	*	*	*	*	*	*
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	1.0	1.4	0.5	1.3	0.5	2.2	0.7	2.5	0.8
Poisoning by solid or liquid substances, undetermined whether accidentally or purposely inflicted (E980)	.4	.6	.3	.5	.3	.7	.3	.8	.3
Analgesics, antipyretics, and antirheumatics (E980.0)	.1	.2	.0	.1	.0	.3	*	.3	*
Barbiturates (E980.1)	*	*	*	*	*	*	*	*	*
Other sedatives and hypnotics (E980.2)	*	*	*	*	*	*	*	*	*
Tranquilizers and other psychotropic agents (E980.3)	.1	.1	.1	.1	.1	*	*	*	*
Other specified drugs and medicaments (E980.4)	.1	.2	.1	.2	.1	.3	*	.3	*
Unspecified drug or medicament (E980.5)	.1	.1	.1	.1	.1	*	*	*	*
Corrosive and caustic substances (E980.6)	*	*	*	*	*	*	*	*	*
Agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E980.7)	*	*	*	*	*	*	*	*	*
Arsenic and its compounds (E980.8)	*	*	*	*	*	*	*	*	*
Other and unspecified solid and liquid substances (E980.9)	.0	.0	*	.0	*	*	*	*	*
Poisoning by gases in domestic use, undetermined whether accidentally or purposely inflicted (E981)	*	*	*	*	*	*	*	*	*
Gas distributed by pipeline (E981.0)	*	*	*	*	*	*	*	*	*
Liquefied petroleum gas distributed in mobile containers (E981.1)	*	*	*	*	*	*	*	*	*
Other utility gas (E981.8)	*	*	*	*	*	*	*	*	*
Poisoning by other gases, undetermined whether accidentally or purposely inflicted (E982)	.0	.1	.0	.1	.0	*	*	*	*
Motor vehicle exhaust gas (E982.0)	.0	.0	*	.1	*	*	*	*	*
Other carbon monoxide (E982.1)	.0	*	*	*	*	*	*	*	*
Other specified gases and vapors (E982.8)	*	*	*	*	*	*	*	*	*
Unspecified gases and vapors (E982.9)	*	*	*	*	*	*	*	*	*
Hanging, strangulation, or suffocation, undetermined whether accidentally or purposely inflicted (E983)	.0	.0	*	.0	*	*	*	*	*
Hanging (E983.0)	.0	.0	*	.0	*	*	*	*	*
Suffocation by plastic bag (E983.1)	*	*	*	*	*	*	*	*	*
Other specified means (E983.8)	*	*	*	*	*	*	*	*	*
Unspecified means (E983.9)	*	*	*	*	*	*	*	*	*
Submersion (drowning), undetermined whether accidentally or purposely inflicted (E984)	.1	.2	.0	.1	.0	.3	*	.4	*
Injury by firearms and explosives, undetermined whether accidentally or purposely inflicted (E985)	.1	.2	.0	.2	.0	.3	*	.4	*
Handgun (E985.0)	.0	.0	*	.0	*	*	*	*	*
Shotgun (E985.1)	.0	.0	*	.0	*	*	*	*	*
Hunting rifle (E985.2)	*	*	*	*	*	*	*	*	*
Military firearms (E985.3)	*	*	*	*	*	*	*	*	*
Other and unspecified firearms (E985.4)	.1	.2	.0	.2	.0	.2	*	.3	*
Explosives (E985.5)	*	*	*	*	*	*	*	*	*
Injury by cutting and piercing instruments, undetermined whether accidentally or purposely inflicted (E986)	*	*	*	*	*	*	*	*	*
Falling from high place, undetermined whether accidentally or purposely inflicted (E987)	.0	.0	.0	.0	*	*	*	*	*
Residential premises (E987.0)	.0	.0	*	*	*	*	*	*	*
Other man-made structures (E987.1)	.0	*	*	*	*	*	*	*	*
Natural sites (E987.2)	*	*	*	*	*	*	*	*	*
Unspecified (E987.9)	*	*	*	*	*	*	*	*	*
Injury by other and unspecified means, undetermined whether accidentally or purposely inflicted (E988)	.2	.3	.1	.2	.1	.6	.3	.7	.3
Jumping or lying before moving object (E988.0)	*	*	*	*	*	*	*	*	*
Burns, fire (E988.1)	.0	.1	.0	.0	.0	.1	*	*	*
Scald (E988.2)	*	*	*	*	*	*	*	*	*
Extremes of cold (E988.3)	*	*	*	*	*	*	*	*	*
Electrocution (E988.4)	*	*	*	*	*	*	*	*	*
Crashing of motor vehicle (E988.5)	*	*	*	*	*	*	*	*	*
Crashing of aircraft (E988.6)	*	*	*	*	*	*	*	*	*
Caustic substances, except poisoning (E988.7)	*	*	*	*	*	*	*	*	*
Other specified means (E988.8)	.0	.1	.0	.0	.0	*	*	*	*
Unspecified means (E988.9)	.1	.2	.1	.1	.0	.4	.2	.4	.2
Late effects of injury, undetermined whether accidentally or purposely inflicted (E989)	.0	*	*	*	*	*	*	*	*
Injury resulting from operations of war (E990-E999)	*	*	*	*	*	*	*	*	*
Injury due to war operations by fires and conflagrations (E990)	*	*	*	*	*	*	*	*	*
From petrol bomb (E990.0)	*	*	*	*	*	*	*	*	*
From other and unspecified sources (E990.9)	*	*	*	*	*	*	*	*	*
Injury due to war operations by bullets and fragments (E991)	*	*	*	*	*	*	*	*	*
Rubber bullets (rifle) (E991.0)	*	*	*	*	*	*	*	*	*
Pellets (rifle) (E991.1)	*	*	*	*	*	*	*	*	*
Other bullets (E991.2)	*	*	*	*	*	*	*	*	*
Antipersonnel bomb (fragments) (E991.3)	*	*	*	*	*	*	*	*	*
Other and unspecified fragments (E991.9)	*	*	*	*	*	*	*	*	*
Injury due to war operations by explosion of marine weapons (E992)	*	*	*	*	*	*	*	*	*
Injury due to war operations by other explosion (E993)	*	*	*	*	*	*	*	*	*
Injury due to war operations by destruction of aircraft (E994)	*	*	*	*	*	*	*	*	*
Injury due to war operations by other and unspecified forms of conventional warfare (E995)	*	*	*	*	*	*	*	*	*

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

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[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Number								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Injury resulting from operations of war-Con.									
Injury due to war operations by nuclear weapons (E996)	-	-	-	-	-	-	-	-	-
Injury due to war operations by other forms of unconventional warfare (E997)	-	-	-	-	-	-	-	-	-
Lasers (E997.0)	-	-	-	-	-	-	-	-	-
Biological warfare (E997.1)	-	-	-	-	-	-	-	-	-
Gases, fumes, and chemicals (E997.2)	-	-	-	-	-	-	-	-	-
Other (E997.8)	-	-	-	-	-	-	-	-	-
Unspecified (E997.9)	-	-	-	-	-	-	-	-	-
Injury due to war operations but occurring after cessation of hostilities (E998)	-	-	-	-	-	-	-	-	-
Late effects of injury due to war operations (E999)	13	13	-	12	-	1	-	1	-

Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1990—Con.

[Rates per 100,000 population in specified group. Includes each three-digit category of the Detailed List to which deaths may be assigned and selected four-digit subcategories of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044 and their four-digit subcategories; see Technical Appendix]

Cause of death	Rate								
	All races			White		All other			
						Total		Black	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
Injury resulting from operations of war-Con.									
Injury due to war operations by nuclear weapons (E996)	*	*	*	*	*	*	*	*	*
Injury due to war operations by other forms of unconventional warfare (E997)	*	*	*	*	*	*	*	*	*
Lasers (E997.0)	*	*	*	*	*	*	*	*	*
Biological warfare (E997.1)	*	*	*	*	*	*	*	*	*
Gases, fumes, and chemicals (E997.2)	*	*	*	*	*	*	*	*	*
Other (E997.8)	*	*	*	*	*	*	*	*	*
Unspecified (E997.9)	*	*	*	*	*	*	*	*	*
Injury due to war operations but occurring after cessation of hostilities (E998)	*	*	*	*	*	*	*	*	*
Late effects of injury due to war operations (E999)	*	*	*	*	*	*	*	*	*

Table 1-24. Deaths From 282 Selected Causes, by Month: United States, 1990

(Page 1 of 6)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All causes	2,148,463	216,654	178,727	185,875	174,263	174,553	168,999	171,338	168,427	165,934	177,472	176,508	189,713
I. Infectious and parasitic diseases (001-139)	55,612	5,509	4,564	4,816	4,386	4,444	4,424	4,348	4,475	4,309	4,734	4,669	4,934
Intestinal infectious diseases (001-009)	520	55	63	40	46	42	30	34	33	47	49	34	47
Cholera and typhoid and paratyphoid fevers (001-002)	4	-	1	-	-	1	2	-	-	-	-	-	-
Shigellosis (004)	10	-	-	-	1	1	-	1	-	2	3	1	1
Other salmonella infections and other food poisoning (bacterial) (003,005)	86	8	13	2	8	5	5	2	6	11	16	6	4
Amebiasis (006)	5	2	-	-	1	-	-	-	-	1	-	-	1
Intestinal infections due to other specified organisms (007-008)	235	31	29	23	14	20	12	18	15	16	12	22	23
Ill-defined intestinal infections (009)	180	14	20	15	22	15	11	13	12	17	18	5	18
Tuberculosis (010-018)	1,810	184	155	178	135	130	157	139	162	130	138	139	163
Tuberculosis of respiratory system (010-012)	1,378	149	119	130	105	100	115	102	128	102	104	108	116
Other tuberculosis (013-018)	432	35	36	48	30	30	42	37	34	28	34	31	47
Zoonotic and other bacterial diseases (020-041)	20,425	2,320	1,784	1,788	1,599	1,584	1,592	1,553	1,544	1,478	1,684	1,734	1,765
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	1	1	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	12	2	2	1	1	1	-	2	1	-	1	-	1
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	14	2	1	1	2	1	1	1	1	1	-	1	2
Meningococcal infection (036)	215	32	34	23	14	20	12	16	10	6	14	20	14
Tetanus (037)	11	2	2	-	3	-	-	-	1	-	-	2	1
Septicemia (038)	19,169	2,176	1,660	1,672	1,507	1,499	1,504	1,454	1,432	1,400	1,576	1,631	1,658
All other bacterial diseases (020-022,024-031,039-041)	1,003	105	85	91	72	63	75	80	99	71	93	80	89
Viral diseases (*042-*044,045-079)	28,486	2,508	2,193	2,402	2,246	2,303	2,297	2,279	2,384	2,309	2,510	2,437	2,618
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	64	6	7	15	11	13	2	3	3	3	-	-	1
Rubella (056)	8	-	3	2	3	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	15	-	-	-	-	-	1	-	-	1	4	6	3
Viral hepatitis (070)	1,578	138	124	139	127	143	120	126	120	121	133	142	145
Other viral diseases (*042-*044,046-049,051-054, 057-061,065-066,071-079)	26,821	2,364	2,059	2,246	2,105	2,147	2,174	2,150	2,261	2,184	2,373	2,289	2,469
Rickettsioses and other arthropod-borne diseases (080-088)	30	1	1	3	4	3	7	2	4	3	1	1	-
Typhus and other rickettsioses (080-083)	21	1	-	2	3	3	7	-	3	1	-	1	-
Malaria (084)	3	-	-	-	1	-	-	2	-	-	-	-	-
All other arthropod-borne diseases (085-088)	6	-	1	1	-	-	-	-	1	2	1	-	-
Syphilis and other venereal diseases (090-099)	112	11	12	13	6	10	7	10	9	6	13	5	10
Syphilis (090-097)	106	9	11	12	5	10	7	10	9	5	13	5	10
Cardiovascular syphilis (093)	12	1	2	2	1	1	1	3	-	-	-	1	-
Neurosyphilis (094)	47	5	4	3	1	6	2	4	6	3	7	1	5
All other syphilis (090-091,095-097)	47	3	5	7	3	3	4	3	3	2	6	3	5
Gonococcal infections (098)	3	1	1	-	-	-	-	-	-	1	-	-	-
Other venereal diseases (099)	3	1	-	1	1	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	4,229	430	356	392	350	372	334	331	339	336	339	319	331
Mycoses (110-118)	2,222	198	190	210	200	208	170	158	173	182	183	173	177
Helminthiases (120-129)	41	5	5	-	2	9	2	4	2	5	3	1	3
Late effects of tuberculosis (137)	214	29	21	17	20	14	22	16	9	17	17	19	13
Late effects of acute poliomyelitis (138)	160	20	22	16	11	11	18	8	14	9	11	9	11
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	1,592	178	118	149	117	130	122	145	141	123	125	117	127
II. Neoplasms (140-239)	512,074	44,850	39,209	42,852	41,188	42,821	41,684	42,939	43,218	42,272	44,143	42,547	44,351
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	505,322	44,227	38,698	42,282	40,604	42,294	41,134	42,343	42,660	41,727	43,573	41,990	43,790
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	8,405	708	638	660	725	717	672	748	705	706	721	703	702
Of lip (140)	85	2	6	8	11	4	4	8	7	7	12	9	7
Of tongue (141)	1,880	166	144	134	148	153	136	154	157	164	193	164	167
Of pharynx (146-149.0)	4,008	334	296	324	340	338	330	378	329	338	334	332	335
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	2,432	206	192	194	226	222	202	208	212	197	182	198	193
Malignant neoplasms of digestive organs and peritoneum (150-159)	120,765	10,423	9,196	10,190	9,824	10,171	9,867	10,091	10,231	10,049	10,427	9,968	10,328
Of esophagus (150)	9,719	859	681	791	804	822	823	795	884	809	825	821	805
Of stomach (151)	14,073	1,187	1,099	1,219	1,189	1,170	1,157	1,159	1,179	1,184	1,235	1,099	1,196
Of small intestine, including duodenum (152)	948	75	69	73	67	84	65	94	86	80	80	83	92
Of colon (153)	48,705	4,343	3,702	4,125	3,993	4,133	3,883	4,152	4,108	3,979	4,142	4,067	4,078
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	254	20	12	24	24	22	13	27	20	22	18	24	28
Descending colon (153.2)	231	21	22	15	22	25	17	18	14	19	20	21	17
Sigmoid colon (153.3)	1,071	92	78	106	78	98	83	114	84	70	95	78	95
Cecum, appendix, and ascending colon (153.4-153.6)	1,774	155	126	169	159	155	124	157	153	144	139	159	134
Other and colon, unspecified (153.8-153.9)	45,375	4,055	3,464	3,811	3,710	3,833	3,646	3,836	3,837	3,724	3,870	3,785	3,804
Of rectum, rectosigmoid junction, and anus (154)	7,820	704	654	636	607	637	686	650	636	634	678	616	682
Of liver and intrahepatic bile ducts (155)	8,511	669	643	727	674	729	706	696	715	732	765	724	731
Liver, primary (155.0)	4,128	341	324	365	343	334	342	316	352	361	374	345	331
Intrahepatic bile ducts (155.1)	1,338	97	113	101	96	125	105	113	89	120	123	115	141
Liver, not specified as primary or secondary (155.2)	3,045	231	206	261	235	270	259	267	274	251	268	264	259
Of gallbladder and extrahepatic bile ducts (156)	3,857	310	303	318	305	324	349	338	294	354	353	314	295
Of pancreas (157)	25,082	2,088	1,875	2,117	2,030	2,116	2,036	2,035	2,167	2,104	2,175	2,086	2,253
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	2,050	188	170	184	155	156	162	172	162	173	174	158	196
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	146,386	13,012	11,266	12,246	11,869	12,164	11,888	12,138	12,426	11,891	12,451	12,201	12,834
Of larynx (161)	3,710	297	289	286	292	304	332	313	295	324	319	325	334
Of trachea, bronchus, and lung (162)	141,285	12,604	10,875	11,828	11,477	11,741	11,428	11,683	12,019	11,456	12,005	11,772	12,397
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	1,391	111	102	132	100	119	128	142	112	111	127	104	103

Table 1-24. Deaths From 282 Selected Causes, by Month: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Malignant neoplasms, etc.-Con.													
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	56,503	4,927	4,305	4,722	4,525	4,794	4,687	4,790	4,722	4,618	4,846	4,701	4,866
Of bone and articular cartilage (170)	1,086	98	75	104	85	95	94	96	87	102	77	80	93
Of connective and other soft tissue (171)	3,164	256	227	220	263	264	257	301	301	263	277	265	270
Melanoma of skin (172)	6,420	550	472	570	521	542	540	530	545	545	576	481	548
Other malignant neoplasms of skin (173)	2,170	174	146	207	171	184	171	174	172	181	183	197	210
Of female breast (174)	43,391	3,817	3,359	3,599	3,466	3,688	3,607	3,669	3,595	3,498	3,713	3,652	3,728
Of male breast (175)	272	32	26	22	19	21	18	20	22	29	20	26	17
Malignant neoplasms of genital organs (179-187)	57,487	4,964	4,391	4,830	4,468	4,768	4,607	4,942	4,805	4,834	4,998	4,837	5,043
Of cervix uteri (180)	4,627	416	361	389	343	390	374	440	380	369	386	366	413
Of other parts of uterus (179,181-182)	6,052	587	458	505	463	488	492	505	494	509	531	501	519
Of ovary and other uterine adnexa (183)	12,762	1,051	1,027	1,092	978	1,098	1,032	1,030	1,146	1,097	1,062	1,079	1,070
Of other and unspecified female genital organs (184)	1,117	89	101	103	70	94	94	88	92	98	94	87	107
Of prostate (185)	32,378	2,760	2,399	2,694	2,578	2,653	2,565	2,827	2,655	2,712	2,876	2,766	2,893
Of testis (186)	342	27	28	28	21	30	30	35	29	32	27	28	27
Of penis and other male genital organs (187)	209	34	17	19	15	15	20	17	9	17	22	10	14
Malignant neoplasms of urinary organs (188-189)	20,654	1,789	1,622	1,740	1,640	1,729	1,647	1,725	1,784	1,682	1,798	1,714	1,784
Of bladder (188)	10,341	875	819	854	804	869	813	848	899	824	952	881	903
Of kidney and other and unspecified urinary organs (189)	10,313	914	803	886	836	860	834	877	885	858	846	833	881
Malignant neoplasms of other and unspecified sites (190-199)	47,381	4,067	3,525	4,026	3,818	3,943	3,925	4,071	3,959	3,893	4,157	3,895	4,102
Of eye (190)	255	18	26	23	13	27	22	20	24	19	27	15	21
Of brain (191)	11,355	966	848	983	939	953	963	965	945	922	981	924	966
Of other and unspecified parts of nervous system (192)	275	28	14	20	24	27	17	26	17	28	23	22	29
Of thyroid gland and other endocrine glands and related structures (193-194)	1,709	156	122	126	148	139	149	160	138	130	163	134	144
Of all other and unspecified sites (195-199)	33,787	2,899	2,515	2,874	2,694	2,797	2,774	2,900	2,835	2,794	2,963	2,800	2,942
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	47,741	4,337	3,755	3,868	3,735	4,008	3,841	3,838	4,028	4,054	4,175	3,971	4,131
Lymphosarcoma and reticulosarcoma (200)	1,871	186	154	160	155	159	163	168	153	135	152	143	143
Hodgkin's disease (201)	1,632	158	143	124	137	148	116	141	137	141	132	140	115
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	16,730	1,425	1,305	1,343	1,309	1,454	1,369	1,368	1,374	1,410	1,491	1,397	1,485
Multiple myeloma and immunoproliferative neoplasms (203)	8,934	888	680	732	709	700	714	667	750	752	768	768	806
Leukemia (204-208)	18,574	1,680	1,473	1,509	1,425	1,547	1,479	1,494	1,614	1,616	1,632	1,523	1,582
Lymphoid leukemia (204)	5,508	487	444	448	425	458	445	453	468	464	486	455	475
Myeloid leukemia (205)	7,700	729	621	624	585	616	641	589	669	688	663	630	645
Monocytic leukemia (206)	269	16	29	33	17	28	27	21	23	20	22	19	14
Other and unspecified leukemia (207-208)	5,097	448	379	404	398	445	366	431	454	444	461	419	448
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6,752	623	511	570	584	527	550	596	558	545	570	557	561
Benign neoplasms (210-229)	1,477	153	108	127	124	108	125	132	113	113	126	117	131
Of female genital organs (218-221)	37	4	1	1	4	2	4	3	1	3	2	2	10
Of eye, brain, and other parts of nervous system (224-225)	896	101	71	83	73	63	80	77	61	60	85	66	76
Of all other and unspecified sites (210-217,222-223,226-229)	544	48	36	43	47	43	41	52	51	50	39	49	45
Carcinoma in situ (230-234)	11	1	3	1	-	-	3	1	-	-	-	1	1
Of breast and genitourinary system (233)	7	-	3	1	-	-	1	1	-	-	-	-	1
Of all other and unspecified sites (230-232,234)	4	1	-	-	-	-	2	-	-	-	-	1	-
Neoplasms of uncertain behavior (235-238)	1,580	143	120	157	128	126	120	145	134	112	145	130	120
Neoplasms of unspecified nature (239)	3,684	326	280	285	332	293	302	318	311	320	299	309	309
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	63,576	6,615	5,387	5,668	5,184	5,145	4,869	5,004	4,823	4,736	5,073	5,313	5,759
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	60,559	6,280	5,128	5,391	4,917	4,909	4,644	4,767	4,591	4,504	4,860	5,060	5,508
Disorders of thyroid gland (240-246)	953	107	80	98	54	78	72	62	68	82	69	85	98
Diabetes mellitus (250)	47,664	4,883	4,043	4,228	3,930	3,875	3,651	3,727	3,642	3,583	3,833	3,952	4,317
Disorders of the pituitary gland and its hypothalamic control (253)	202	21	19	12	13	21	18	18	13	19	15	15	18
Diseases of thymus gland (254)	7	1	-	-	1	-	-	2	-	1	-	1	1
Disorders of adrenal glands (255)	220	20	20	24	17	21	22	16	21	13	14	11	21
Cystic fibrosis (277.0)	414	36	35	36	38	40	33	39	29	28	22	37	41
Obesity (278.0)	1,285	119	122	106	100	135	105	108	102	84	94	105	105
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259,270-276,277.1-277.9, 278.1-279)	9,814	1,093	809	887	764	739	743	795	716	694	813	854	907
Nutritional deficiencies (260-269)	3,017	335	259	277	267	236	225	237	232	232	213	253	251
Nutritional marasmus (261)	251	29	21	32	17	17	16	23	19	17	18	14	28
Other protein-calorie malnutrition (262-263)	2,545	277	218	228	233	197	195	196	206	190	180	219	206
All other nutritional deficiencies (260,264-269)	221	29	20	17	17	22	14	18	7	25	15	20	17
IV. Diseases of blood and blood-forming organs (280-289)	9,027	858	701	696	731	770	722	750	726	703	745	824	801
Anemias (280-285)	4,092	440	344	297	331	357	327	322	321	295	323	375	360
Deficiency anemias (280-281)	277	39	28	17	23	25	28	23	15	15	22	21	21
Hemolytic anemias (282-283)	817	77	57	59	74	70	69	63	64	66	54	87	77
Aplastic anemia (284)	1,294	142	108	95	111	110	110	95	100	96	105	114	108
Other and unspecified anemias (285)	1,704	182	151	126	123	152	120	141	142	118	142	153	154
Purpura and other hemorrhagic conditions (287)	776	73	73	68	51	74	63	53	69	54	62	67	69
All other diseases of blood and blood-forming organs (286,288-289)	4,159	345	284	331	349	339	332	375	336	354	360	382	372
V. Mental disorders (290-319)	25,856	2,738	2,161	2,192	2,059	2,022	1,952	2,069	1,981	1,957	2,125	2,214	2,386
Senile and presenile organic psychotic conditions (290)	8,902	918	745	786	710	665	636	695	658	649	732	827	881
Alcoholic psychoses (291)	433	47	43	44	34	38	39	34	26	32	38	27	31
All other psychoses (292-299)	3,992	425	319	353	315	323	282	324	265	285	349	380	372
Alcohol dependence syndrome (303)	5,223	484	373	411	420	394	442	452	477	461	440	419	450
Drug dependence (304)	351	35	33	28	39	40	31	26	37	21	24	20	17

Table 1-24. Deaths From 282 Selected Causes, by Month: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	6,575	781	611	533	512	536	496	506	495	482	511	514	598
Mental retardation (317-319)	380	48	37	37	29	26	26	32	23	27	31	27	37
VI. Diseases of the nervous system and sense organs (320-389)	39,368	4,131	3,415	3,560	3,149	2,978	2,971	2,812	2,964	2,984	3,373	3,406	3,625
Diseases of the nervous system (320-359)	39,251	4,117	3,406	3,546	3,139	2,971	2,958	2,806	2,960	2,974	3,359	3,399	3,616
Meningitis (320-322)	1,017	147	101	99	99	69	63	72	50	66	79	84	88
Parkinson's disease (332)	7,254	792	630	661	593	505	545	515	563	529	618	640	663
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	19,948	2,060	1,703	1,773	1,576	1,506	1,485	1,453	1,480	1,522	1,717	1,778	1,895
Multiple sclerosis (340)	1,647	171	144	139	143	118	132	123	112	144	152	118	151
Infantile cerebral palsy (343)	773	81	77	61	70	67	60	51	49	59	69	63	66
Epilepsy (345)	1,627	135	128	142	137	150	143	110	144	134	144	131	129
Other diseases of the nervous system (323-326,341-342,344,346-359)	6,985	731	623	671	521	556	530	482	562	520	580	585	624
Disorders of the eye and adnexa (360-379)	41	6	1	5	4	3	4	3	1	3	3	2	6
Diseases of the ear and mastoid process (380-389)	76	8	8	9	6	4	9	3	3	7	11	5	3
VII. Diseases of the circulatory system (390-459)	920,245	94,660	78,250	80,841	75,796	74,872	70,837	71,685	69,658	69,439	75,104	76,113	82,990
Rheumatic fever and rheumatic heart disease (390-398)	6,018	633	519	509	524	509	476	508	438	437	473	476	516
Acute rheumatic fever (390-392)	66	7	4	7	9	6	6	3	9	3	3	3	6
Chronic rheumatic heart disease (393-398)	5,952	626	515	502	515	503	470	505	429	434	470	473	510
Diseases of mitral valve (394)	2,690	255	220	242	237	217	214	235	204	190	238	221	217
Diseases of aortic valve (395)	173	22	12	17	12	13	14	14	11	15	14	12	17
Diseases of mitral and aortic valves (396)	1,105	127	101	88	88	103	79	105	73	80	76	83	102
All other chronic rheumatic heart disease (393,397-398)	1,984	222	182	155	178	170	163	151	141	149	142	157	174
Hypertensive disease (401-404)	32,618	3,433	2,803	2,759	2,767	2,629	2,449	2,558	2,493	2,433	2,669	2,678	2,947
Essential hypertension (401)	4,618	409	396	409	403	364	331	372	356	370	380	402	426
Hypertensive heart disease (402)	21,072	2,282	1,824	1,759	1,767	1,714	1,629	1,649	1,627	1,553	1,723	1,678	1,867
Hypertensive renal disease (403)	4,551	487	400	382	393	357	322	356	340	325	354	398	437
Hypertensive heart and renal disease (404)	2,377	255	183	209	204	194	167	181	170	185	212	200	217
Ischemic heart disease (410-414)	489,171	50,209	41,328	42,980	40,432	39,954	38,027	38,071	36,880	36,884	39,869	40,469	44,068
Acute myocardial infarction (410)	239,008	24,033	19,961	20,894	19,704	19,805	18,658	18,655	18,048	18,152	19,636	19,963	21,499
Other acute and subacute forms of ischemic heart disease (411)	3,333	336	273	273	270	264	309	257	269	262	254	255	311
Angina pectoris (413)	1,070	108	104	93	75	95	91	83	82	67	81	93	98
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	245,760	25,732	20,990	21,720	20,383	19,790	18,969	19,076	18,481	18,403	19,898	20,158	22,160
Diseases of pulmonary circulation (415-417)	11,848	1,167	1,001	1,027	929	997	939	858	1,007	957	995	963	1,008
Other forms of heart disease (420-429)	189,572	19,810	16,212	16,730	15,510	15,168	14,592	14,869	14,286	14,110	15,343	15,527	17,415
Acute and subacute endocarditis (421)	921	85	93	97	61	70	77	68	62	62	90	86	70
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	815	86	59	79	67	66	62	58	72	56	73	64	73
Other diseases of endocardium (424)	13,004	1,290	1,036	1,148	1,106	1,015	1,021	1,008	1,019	936	1,097	1,130	1,198
Mitral valve disorders (424.0)	2,044	227	164	199	177	167	155	151	152	151	162	157	182
Aortic valve disorders (424.1)	7,966	780	636	695	693	616	629	630	611	569	689	708	710
All other diseases of endocardium (424.2-424.9)	2,994	283	236	254	236	232	237	227	256	216	246	265	306
Heart failure (428)	37,927	4,284	3,343	3,440	3,008	2,976	2,812	2,953	2,742	2,736	3,043	3,074	3,516
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	1,079	135	95	112	108	87	87	94	62	71	67	76	85
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	135,826	13,930	11,586	11,854	11,160	10,954	10,533	10,688	10,329	10,249	10,973	11,097	12,473
Cerebrovascular diseases (430-438)	144,088	14,715	12,345	12,648	11,803	11,844	10,836	11,172	10,998	10,912	11,937	11,959	12,919
Subarachnoid hemorrhage (430)	6,815	615	502	617	567	570	483	569	581	575	588	572	576
Intracerebral and other intracranial hemorrhage (431-432)	20,575	1,923	1,725	1,869	1,714	1,820	1,583	1,503	1,482	1,561	1,791	1,741	1,863
Occlusion and stenosis of precerebral arteries (433)	1,256	105	107	133	103	106	101	112	88	92	107	104	98
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	18,261	1,945	1,646	1,707	1,514	1,484	1,405	1,384	1,418	1,363	1,373	1,458	1,564
Cerebral embolism (434.1)	651	76	60	50	42	56	48	52	43	55	52	47	70
Acute but ill-defined cerebrovascular disease (436)	80,745	8,395	6,976	6,900	6,516	6,537	6,033	6,354	6,140	6,095	6,761	6,719	7,319
Other and late effects of cerebrovascular diseases (435,437-438)	15,785	1,656	1,329	1,372	1,347	1,271	1,183	1,198	1,246	1,171	1,265	1,318	1,429
Diseases of arteries, arterioles, and capillaries (440-448)	42,692	4,266	3,676	3,809	3,495	3,435	3,211	3,276	3,215	3,364	3,469	3,684	3,772
Atherosclerosis (440)	18,047	1,994	1,610	1,627	1,505	1,438	1,294	1,369	1,300	1,384	1,441	1,490	1,595
Aortic aneurysm (441)	16,402	1,501	1,381	1,427	1,289	1,366	1,251	1,234	1,293	1,317	1,365	1,502	1,476
All other diseases of arteries, arterioles, and capillaries (442-448)	8,243	771	685	755	701	631	666	673	622	663	683	692	701
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	4,238	427	366	379	336	336	307	373	341	342	329	357	345
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	1,793	185	159	156	122	150	123	170	153	152	151	136	136
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	2,445	242	207	223	214	186	184	203	188	190	178	221	209
VIII. Diseases of the respiratory system (460-519)	192,205	26,993	19,385	17,495	15,200	14,491	14,046	13,221	12,592	12,573	14,525	14,751	16,933
Diseases of the upper respiratory tract (460-465,470-478)	592	99	63	57	39	33	43	35	39	36	49	51	48
Acute upper respiratory infections (460-465)	264	54	36	21	23	11	19	7	7	15	20	26	25
Other diseases of upper respiratory tract (470-478)	328	45	27	36	16	22	24	28	32	21	29	25	23
Other diseases of the respiratory system (466,480-519)	191,613	26,894	19,322	17,438	15,161	14,458	14,003	13,186	12,553	12,537	14,476	14,700	16,885
Acute bronchitis and bronchiolitis (466)	633	126	84	73	51	38	42	26	27	23	43	38	62
Pneumonia (480-486)	77,415	11,697	7,971	7,198	5,969	5,605	5,390	4,955	4,733	4,953	5,885	6,036	7,023
Viral pneumonia (480)	720	197	119	61	32	49	28	40	28	23	36	55	52
Pneumococcal and other bacterial pneumonia (481-482)	6,227	923	653	601	504	478	424	404	366	370	467	459	576
Bronchopneumonia, organism unspecified (485)	6,376	977	663	625	500	429	435	432	365	379	506	458	607
Pneumonia due to other and unspecified organism (483,486)	64,092	9,600	6,536	5,911	4,933	4,649	4,503	4,079	3,974	4,181	4,876	5,064	5,786
Influenza (487)	2,098	1,169	607	132	40	9	10	10	6	10	19	31	55
Chronic obstructive pulmonary diseases and allied conditions (490-496)	86,679	11,004	8,507	7,854	7,153	6,890	6,657	6,275	5,989	5,788	6,494	6,546	7,522
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	24,125	3,154	2,289	2,163	1,967	1,948	1,872	1,805	1,638	1,613	1,792	1,804	2,080
Bronchitis, not specified as acute or chronic (490)	615	120	56	68	40	36	55	32	28	27	58	38	57
Chronic bronchitis (491)	2,985	429	291	277	213	237	233	228	209	180	206	240	242
Emphysema (492)	15,706	2,085	1,526	1,372	1,283	1,279	1,178	1,173	1,058	1,075	1,172	1,143	1,362

Table 1-24. Deaths From 282 Selected Causes, by Month: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Bronchitis, chronic and unspecified, emphysema and asthma-Con.													
Asthma (493)	4,819	520	416	446	431	396	406	372	343	331	356	383	419
Bronchiectasis and extrinsic allergic alveolitis (494-495)	955	121	74	76	74	72	92	71	71	59	71	80	94
Chronic airways obstruction, not elsewhere classified (496)	61,599	7,729	6,144	5,615	5,112	4,870	4,693	4,399	4,280	4,116	4,631	4,662	5,348
Pneumoconioses and other lung diseases due to external agents (500-508)	9,108	999	809	833	708	678	678	713	694	641	748	767	840
Empyema and abscess of lung and mediastinum (510,513)	809	98	65	76	54	69	71	67	55	60	57	53	84
Pleurisy (511)	877	87	75	77	69	62	76	70	86	72	67	68	68
All other diseases of respiratory system (512,514-519)	13,994	1,714	1,204	1,195	1,117	1,107	1,079	1,070	963	990	1,163	1,161	1,231
IX. Diseases of the digestive system (520-579)	75,177	7,313	6,104	6,474	6,090	6,111	5,932	5,987	6,036	5,881	6,334	6,238	6,677
Diseases of oral cavity, salivary glands, and jaws (520-529)	101	11	8	8	4	10	13	8	5	8	6	11	9
Diseases of other parts of the digestive system (530-579)	75,076	7,302	6,096	6,466	6,086	6,101	5,919	5,979	6,031	5,873	6,328	6,227	6,668
Ulcer of stomach and duodenum (531-533)	6,186	663	522	563	499	514	487	479	473	440	522	513	511
Gastric ulcer (531)	1,886	218	165	154	155	160	157	130	148	126	160	154	159
Duodenal ulcer (532)	1,998	216	143	187	177	161	161	150	148	138	172	177	168
Peptic ulcer, site unspecified (533)	2,302	229	214	222	167	193	169	199	177	176	190	182	184
Gastritis and duodenitis (535)	690	71	52	61	65	54	49	48	56	57	49	50	78
Appendicitis (540-543)	438	48	25	31	29	38	33	34	49	40	41	29	41
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,838	568	464	491	433	496	476	471	499	454	508	496	482
Regional enteritis and idiopathic proctocolitis (555-556)	681	66	50	69	66	47	54	54	42	57	59	64	53
All other noninfective gastroenteritis and colitis (557-558)	8,143	824	660	701	679	654	660	641	639	583	705	632	765
Diverticula of intestine (562)	3,092	317	292	241	262	246	242	232	251	241	260	239	269
Chronic liver disease and cirrhosis (571)	25,815	2,423	2,039	2,244	2,092	2,082	1,984	2,079	2,089	2,115	2,171	2,113	2,384
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	11,985	1,149	945	1,026	987	934	916	957	1,038	995	988	950	1,100
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	1,150	117	89	92	98	95	91	101	82	91	87	103	104
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	12,680	1,157	1,005	1,126	1,007	1,053	977	1,021	969	1,029	1,096	1,060	1,180
Cholelithiasis and other disorders of gallbladder (574-575)	3,022	293	258	244	238	250	247	251	247	236	265	270	223
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	21,171	2,029	1,734	1,821	1,723	1,720	1,687	1,690	1,686	1,650	1,748	1,621	1,862
X. Diseases of the genitourinary system (580-629)	38,637	4,023	3,192	3,332	3,124	2,940	2,903	3,022	3,079	3,040	3,274	3,189	3,519
Diseases of urinary system (580-599)	37,642	3,941	3,116	3,231	3,045	2,879	2,821	2,926	2,981	2,969	3,183	3,107	3,443
Nephritis, nephrotic syndrome, and nephrosis (580-589)	20,764	2,242	1,783	1,870	1,665	1,613	1,536	1,593	1,582	1,554	1,724	1,682	1,940
Acute glomerulonephritis (580)	90	8	4	10	3	8	6	9	8	9	12	3	10
Nephrotic syndrome (581)	206	22	21	22	13	16	9	17	19	16	17	16	18
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,521	181	118	149	121	114	121	101	117	114	125	126	134
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	18,947	2,031	1,640	1,689	1,528	1,475	1,400	1,466	1,438	1,415	1,570	1,517	1,778
Infections of kidney (590)	1,296	132	103	121	95	115	97	104	109	112	99	114	95
Urinary calculus (592,594)	309	22	21	32	26	28	27	23	26	25	27	25	27
All other diseases of urinary system (591,593,595-599)	15,273	1,545	1,209	1,208	1,259	1,123	1,161	1,206	1,264	1,278	1,333	1,306	1,381
Diseases of male genital organs (600-608)	701	62	51	71	56	37	58	69	71	50	66	62	48
Hyperplasia of prostate (600)	455	38	32	51	39	23	36	42	54	34	42	38	26
Other diseases of male genital organs (601-608)	246	24	19	20	17	14	22	27	17	16	24	24	22
Disorders of breast (610-611)	32	3	4	3	4	2	3	3	2	3	1	2	2
Diseases of female genital organs except breast (614-629)	262	17	21	27	19	22	21	24	25	18	24	18	26
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	343	28	24	39	33	25	30	32	27	25	30	23	27
Pregnancy with abortive outcome (630-638)	57	4	4	7	7	4	5	5	4	3	5	3	6
Ectopic pregnancy (633)	41	2	3	6	6	3	4	3	3	1	4	1	5
Spontaneous abortion (634)	6	2	1	–	–	–	–	1	–	1	1	–	–
Legally induced abortion (635)	1	–	–	–	–	–	–	–	–	1	–	–	–
Illegally induced abortion (636)	1	–	–	–	–	1	–	–	–	–	–	–	–
Other pregnancy with abortive outcome (630-632,637-638)	8	–	–	1	1	–	1	1	1	–	–	2	1
Direct obstetric causes (640-646,651-676)	265	24	18	31	25	20	23	25	20	22	22	17	18
Hemorrhage of pregnancy and childbirth (640-641,666)	44	4	2	6	4	3	4	4	4	5	5	1	2
Toxemia of pregnancy (642.4-642.9,643)	64	3	4	6	6	5	5	7	7	7	3	4	7
Obstructed labor (660)	–	–	–	–	–	–	–	–	–	–	–	–	–
Complications of the puerperium (670-676)	99	10	9	10	9	8	10	8	6	8	7	8	6
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	58	7	3	9	6	4	4	6	3	2	7	4	3
Indirect obstetric causes (647-648)	21	–	2	1	1	1	2	2	3	–	3	3	3
Delivery in a completely normal case (650)	–	–	–	–	–	–	–	–	–	–	–	–	–
XII. Diseases of the skin and subcutaneous tissue (680-709)	3,557	394	293	312	269	265	268	287	295	259	278	311	326
Infections of skin and subcutaneous tissue (680-686)	771	86	76	77	51	57	48	70	61	57	49	65	74
All other diseases of skin and subcutaneous tissue (690-709)	2,786	308	217	235	218	208	220	217	234	202	229	246	252
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	7,679	775	659	683	647	619	536	582	606	577	650	678	667
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1,822	180	153	196	174	139	123	135	134	124	147	158	159
Other arthropathies and related disorders (710-712,715-719)	3,538	355	292	301	284	300	256	269	295	272	305	311	298
Dorsopathies (720-724)	199	21	9	22	16	13	17	16	12	18	18	16	21
Rheumatism, excluding the back (725-729)	538	45	43	52	42	47	24	47	47	46	51	47	47
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	1,582	174	162	112	131	120	116	115	118	117	129	146	142

Table 1-24. Deaths From 282 Selected Causes, by Month: United States, 1990—Con.

(Page 5 of 6)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
XIV. Congenital anomalies (740-759)	13,085	1,157	1,057	1,152	1,113	1,118	1,056	1,086	1,093	1,021	1,111	1,065	1,056
Spina bifida (741)	178	24	12	13	12	17	11	14	11	16	16	12	20
All other congenital anomalies of nervous system (740,742)	1,625	140	132	136	153	122	132	133	133	121	142	144	137
Congenital anomalies of heart (745-746)	4,641	412	381	400	366	395	382	377	405	376	414	377	356
Other congenital anomalies of circulatory system (747)	1,193	107	84	115	101	103	91	96	97	97	106	103	93
All other congenital anomalies (743-744,748-759)	5,448	474	448	488	481	481	440	466	447	411	433	429	450
XV. Certain conditions originating in the perinatal period (760-779)	17,674	1,539	1,355	1,501	1,489	1,522	1,522	1,519	1,535	1,461	1,462	1,343	1,426
Birth trauma (767)	214	13	10	21	13	19	20	17	11	19	19	30	22
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	3,657	327	255	334	304	312	346	323	297	304	306	264	285
Other conditions originating in the perinatal period (760-766,770-779)	13,803	1,199	1,090	1,146	1,172	1,191	1,156	1,179	1,227	1,138	1,137	1,049	1,119
XVI. Symptoms, signs, and ill-defined conditions (780-799)	24,137	2,520	2,046	2,249	1,981	1,934	1,905	1,728	1,766	1,770	1,947	1,983	2,308
Senility without mention of psychosis (797)	1,308	133	99	108	99	100	112	102	112	115	101	112	115
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	22,829	2,387	1,947	2,141	1,882	1,834	1,793	1,626	1,654	1,655	1,846	1,871	2,193
Supplementary classification of external causes of injury and poisoning (E800-E999)	150,211	12,551	10,925	12,013	11,824	12,476	13,342	14,267	13,553	12,927	12,564	11,841	11,928
Accidents and adverse effects (E800-E949)	91,983	7,662	6,522	7,237	7,235	7,606	8,279	8,789	8,419	7,826	7,613	7,298	7,497
Transport accidents (E800-E848)	49,606	3,679	3,212	3,778	3,933	4,258	4,533	4,858	4,869	4,507	4,177	3,961	3,841
Railway accidents (E800-E807)	663	52	39	63	53	55	60	67	73	57	52	54	38
Motor vehicle accidents (E810-E825)	46,814	3,476	3,044	3,559	3,704	4,000	4,228	4,529	4,544	4,225	4,000	3,777	3,728
Motor vehicle traffic accidents (E810-E819)	45,827	3,381	2,962	3,482	3,632	3,920	4,139	4,431	4,446	4,146	3,929	3,695	3,664
Involving collision with train (E810)	623	53	51	52	54	45	52	57	51	47	54	56	51
Involving collision with another motor vehicle (E811-E812)	17,297	1,278	1,153	1,308	1,331	1,564	1,560	1,699	1,600	1,484	1,484	1,379	1,457
Involving collision with pedestrian (E814)	6,800	586	536	558	512	526	522	548	605	606	583	623	595
Involving collision with other vehicle or object (E813,E815)	7,370	530	441	539	594	599	732	744	750	706	668	501	566
Not involving collision on highway (E816-E818)	8,592	557	423	623	720	785	817	919	925	814	736	701	572
Motor vehicle traffic accident of unspecified nature (E819)	5,145	377	358	402	421	401	456	464	515	489	404	435	423
Motor vehicle nontraffic accidents (E820-E825)	987	95	82	77	72	80	89	98	98	79	71	82	64
Other road vehicle accidents (E826-E829)	220	10	14	16	16	26	22	32	23	21	20	13	7
Water transport accidents (E830-E838)	923	41	55	63	82	102	128	139	114	85	52	35	27
Air and space transport accidents (E840-E845)	941	98	59	69	72	74	88	88	113	113	51	79	37
Vehicle accidents not elsewhere classifiable (E846-E848)	45	2	1	8	6	1	7	3	2	6	2	3	4
Accidental poisoning (E850-E869)	5,803	544	488	489	460	463	444	494	450	486	446	500	539
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	4,506	394	364	383	360	365	361	407	384	381	359	390	358
Accidental poisoning by other solid or liquid substances (E860-E866)	549	44	46	47	49	46	47	46	27	50	40	47	60
Accidental poisoning by gases and vapors (E867-E869)	748	106	78	59	51	52	36	41	39	55	47	63	121
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	2,669	280	238	224	208	243	197	219	220	202	235	204	199
Accidental falls (E880-E888)	12,313	1,263	972	1,025	987	942	949	961	963	1,046	1,098	1,013	1,094
Fall from one level to another (E880-E884)	3,194	248	205	221	256	248	294	299	301	275	309	264	274
Fall on same level (E885-E886)	499	62	55	57	35	40	39	34	37	41	24	37	38
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	8,620	953	712	747	696	654	616	628	625	730	765	712	782
Accidents caused by fire and flames (E890-E899)	4,175	526	439	421	337	274	237	224	215	195	345	388	574
Other accidents, including late effects (E900-E929)	17,251	1,348	1,163	1,287	1,300	1,412	1,891	2,023	1,681	1,374	1,306	1,220	1,246
Lightning (E907)	89	3	1	3	1	4	20	28	16	12	–	–	1
Accidental drowning and submersion (E910)	3,979	137	180	217	257	350	691	787	590	348	172	138	112
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3,303	347	271	306	301	261	276	255	236	242	266	276	266
Accident caused by handgun (E922.0)	241	25	9	16	16	25	22	25	14	29	23	18	19
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1,175	106	76	103	85	99	70	84	97	78	120	138	119
Accident caused by explosive material (E923)	202	15	8	19	10	18	18	41	15	14	15	15	14
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	131	21	12	16	8	6	8	13	14	7	8	5	13
Accident caused by electric current (E925)	670	34	36	31	46	50	78	88	92	77	58	40	40
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	7,461	660	570	576	576	599	708	702	607	567	644	590	662
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	166	22	10	13	10	14	28	10	21	16	6	12	4
Suicide (E950-E959)	30,906	2,668	2,369	2,576	2,567	2,632	2,660	2,900	2,615	2,603	2,603	2,476	2,237
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	2,920	246	222	235	230	243	268	275	265	261	256	227	192
Suicide by other solid or liquid substances (E950.6-E950.9)	223	30	20	15	16	22	22	10	15	18	20	16	19
Suicide by gases and vapors (E951-E952)	2,281	210	172	217	201	171	189	197	169	188	187	196	184
Suicide by hanging, strangulation, and suffocation (E953)	4,444	380	330	357	366	351	386	444	418	391	356	334	331
Suicide by handgun (E955.0)	3,464	266	250	304	298	299	281	342	254	315	296	304	255
Suicide by all other and unspecified firearms (E955.1-E955.4)	15,421	1,349	1,220	1,284	1,284	1,356	1,328	1,446	1,292	1,252	1,289	1,232	1,089
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	2,153	187	155	164	172	190	186	186	202	178	199	167	167
Homicide and legal intervention (E960-E978)	24,932	2,015	1,833	2,006	1,844	2,044	2,168	2,370	2,302	2,283	2,151	1,897	2,019
Assault by handgun (E965.0)	1,337	100	119	96	85	104	108	117	133	151	119	104	101

Table 1-24. Deaths From 282 Selected Causes, by Month: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Homicide and legal intervention-Con.													
Assault by all other and unspecified firearms (E965.1-E965.4)	14,881	1,224	1,084	1,111	1,123	1,246	1,315	1,402	1,384	1,318	1,305	1,141	1,228
Assault by cutting and piercing instrument (E966)	4,101	315	288	335	314	339	369	422	377	369	335	302	336
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	4,295	352	320	441	295	330	354	387	382	413	365	330	326
Legal execution (E978)	21	1	-	-	2	4	3	4	1	3	1	1	1
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	297	23	22	23	25	21	19	38	25	29	26	19	27
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	2,376	204	199	194	177	192	231	208	217	214	197	168	175
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	955	89	74	73	70	91	102	78	84	82	73	66	73
From poisoning by other solid or liquid substances (E980.6-E980.9)	51	7	5	4	2	7	5	4	3	4	4	3	3
From injury by handgun (E985.0)	53	7	3	5	1	5	3	7	6	4	6	6	-
From injury by all other and unspecified firearms (E985.1-E985.4)	294	24	26	26	23	24	29	27	25	29	22	16	23
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	1,023	77	91	86	81	65	92	92	99	95	92	77	76
Injury resulting from operations of war (E990-E999)	14	2	2	-	1	2	4	-	-	1	-	2	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990

(Page 1 of 65)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	United States			Alabama			Alaska			Arizona		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	2,148,463	1,853,254	265,498	39,381	28,721	10,606	2,188	1,517	59	28,789	26,764	709
I. Infectious and parasitic diseases (001-139)	55,612	41,036	13,734	747	457	288	45	24	3	614	549	23
Intestinal infectious diseases (001-009)	520	413	93	4	2	2	4	1	-	9	6	-
Cholera and typhoid and paratyphoid fevers (001-002)	4	4	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	10	6	2	-	-	-	-	-	-	1	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	86	56	24	2	-	2	3	-	-	2	1	-
Amebiasis (006)	5	5	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	235	216	17	2	2	-	1	1	-	5	5	-
Ill-defined intestinal infections (009)	180	126	50	-	-	-	-	-	-	1	-	-
Tuberculosis (010-018)	1,810	1,033	668	51	25	26	1	-	-	27	18	2
Tuberculosis of respiratory system (010-012)	1,378	812	491	40	21	19	1	-	-	16	13	1
Other tuberculosis (013-018)	432	221	177	11	4	7	-	-	-	11	5	1
Zoonotic and other bacterial diseases (020-041)	20,425	16,480	3,668	380	243	137	18	9	1	231	207	5
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	1	-	1	-	-	-	-	-	-	-	-	-
Whooping cough (033)	12	9	3	-	-	-	-	-	-	2	2	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	14	12	2	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	215	166	43	3	3	-	-	-	-	2	2	-
Tetanus (037)	11	8	3	-	-	-	-	-	-	-	-	-
Septicemia (038)	19,169	15,456	3,465	361	231	130	17	9	1	211	187	5
All other bacterial diseases (020-022,024-031,039-041)	1,003	829	151	16	9	7	1	-	-	16	16	-
Viral diseases (*042-*044,045-079)	28,486	19,972	8,155	219	130	88	17	10	2	286	265	14
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	64	43	10	-	-	-	1	-	-	1	1	-
Rubella (056)	8	6	1	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	15	9	6	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	1,578	1,265	212	31	22	8	2	1	-	32	30	1
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	26,821	18,649	7,926	188	108	80	14	9	2	253	234	13
Rickettsioses and other arthropod-borne diseases (080-088)	30	22	7	1	1	-	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	21	16	4	1	1	-	-	-	-	-	-	-
Malaria (084)	3	1	2	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	6	5	1	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	112	46	65	2	2	-	-	-	-	-	-	-
Syphilis (090-097)	106	41	64	2	2	-	-	-	-	-	-	-
Cardiovascular syphilis (093)	12	4	8	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	47	23	23	2	2	-	-	-	-	-	-	-
All other syphilis (090-091,095-097)	47	14	33	-	-	-	-	-	-	-	-	-
Gonococcal infections (098)	3	3	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	3	2	1	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	4,229	3,070	1,078	90	54	35	5	4	-	61	53	2
Mycoses (110-118)	2,222	1,731	439	47	35	11	3	3	-	41	38	-
Helminthiases (120-129)	41	39	1	2	2	-	-	-	-	-	-	-
Late effects of tuberculosis (137)	214	173	33	4	3	1	1	-	-	7	6	-
Late effects of acute poliomyelitis (138)	160	150	9	2	1	1	-	-	-	2	2	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	1,592	977	596	35	13	22	1	1	-	11	7	2
II. Neoplasms (140-239)	512,074	447,493	57,824	8,787	6,555	2,225	476	349	12	6,924	6,638	141
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	505,322	441,585	57,077	8,657	6,451	2,199	470	345	11	6,837	6,556	140
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	8,405	6,918	1,311	138	95	43	15	8	-	85	83	1
Of lip (140)	85	84	1	4	4	-	-	-	-	-	-	-
Of tongue (141)	1,880	1,570	287	26	21	5	3	2	-	20	20	-
Of pharynx (146-149.0)	4,008	3,166	709	68	41	27	11	5	-	35	33	1
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	2,432	2,098	314	40	29	11	1	1	-	30	30	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	120,765	103,530	14,933	1,890	1,313	575	111	71	2	1,535	1,463	33
Of esophagus (150)	9,719	7,599	1,974	154	92	62	12	9	-	115	111	2
Of stomach (151)	14,073	11,309	2,258	237	130	106	17	11	-	183	163	6
Of small intestine, including duodenum (152)	948	799	135	17	10	7	-	-	-	10	10	-
Of colon (153)	48,705	42,896	5,261	767	568	199	45	27	2	581	565	14
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	254	214	36	2	-	2	-	-	-	-	-	-
Descending colon (153.2)	231	189	35	6	4	2	-	-	-	-	-	-
Sigmoid colon (153.3)	1,071	962	89	11	6	5	-	-	-	6	6	-
Cecum, appendix, and ascending colon (153.4-153.6)	1,774	1,563	181	20	12	8	2	2	-	13	13	-
Other and colon, unspecified (153.8-153.9)	45,375	39,968	4,920	728	546	182	43	25	2	562	546	14
Of rectum, rectosigmoid junction, and anus (154)	7,820	6,962	737	84	62	22	4	1	-	97	95	1
Of liver and intrahepatic bile ducts (155)	8,511	6,899	1,091	153	116	36	10	8	-	101	90	1
Liver, primary (155.0)	4,128	3,246	538	52	39	13	7	5	-	37	34	1
Intrahepatic bile ducts (155.1)	1,338	1,178	108	31	24	7	1	1	-	21	19	-
Liver, not specified as primary or secondary (155.2)	3,045	2,475	445	70	53	16	2	2	-	43	37	-
Of gallbladder and extrahepatic bile ducts (156)	3,857	3,486	281	44	35	9	1	-	-	48	41	1
Of pancreas (157)	25,082	21,728	3,023	419	288	131	20	13	-	372	360	8
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	2,050	1,852	173	15	12	3	2	2	-	28	28	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	146,386	128,927	15,913	2,604	2,075	529	150	125	2	1,969	1,914	40
Of larynx (161)	3,710	3,046	631	63	46	17	3	3	-	42	41	-
Of trachea, bronchus, and lung (162)	141,285	124,650	15,144	2,525	2,017	508	147	122	2	1,913	1,859	40
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	1,391	1,231	138	16	12	4	-	-	-	14	14	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

(Page 2 of 65)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	United States			Alabama			Alaska			Arizona		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	56,503	50,394	5,544	880	661	217	53	40	2	772	757	6
Of bone and articular cartilage (170)	1,086	933	130	32	23	9	2	1	-	16	16	-
Of connective and other soft tissue (171)	3,164	2,730	381	46	32	14	6	4	-	59	56	1
Melanoma of skin (172)	6,420	6,290	106	106	102	4	9	9	-	98	96	-
Other malignant neoplasms of skin (173)	2,170	1,928	224	28	22	6	1	-	-	30	28	-
Of female breast (174)	43,391	38,286	4,659	662	478	182	35	26	2	568	560	5
Of male breast (175)	272	227	44	6	4	2	-	-	-	1	1	-
Malignant neoplasms of genital organs (179-187)	57,487	48,635	8,195	936	614	322	36	27	1	775	716	30
Of cervix uteri (180)	4,627	3,511	972	99	48	51	8	5	-	60	50	2
Of other parts of uterus (179,181-182)	6,052	5,083	899	78	51	27	3	3	-	67	60	4
Of ovary and other uterine adnexa (183)	12,762	11,646	975	196	158	38	7	5	-	155	143	2
Of other and unspecified female genital organs (184)	1,117	983	123	13	10	3	1	1	-	13	13	-
Of prostate (185)	32,378	26,917	5,181	545	342	203	16	13	1	473	444	22
Of testis (186)	342	322	15	4	4	-	-	-	-	6	6	-
Of penis and other male genital organs (187)	209	173	30	1	1	-	1	-	-	1	-	-
Malignant neoplasms of urinary organs (188-189)	20,654	18,694	1,792	295	241	54	25	15	2	312	304	6
Of bladder (188)	10,341	9,430	847	147	119	28	9	7	1	161	158	3
Of kidney and other and unspecified urinary organs (189)	10,313	9,264	945	148	122	26	16	8	1	151	146	3
Malignant neoplasms of other and unspecified sites (190-199)	47,381	41,732	5,025	1,123	842	280	44	30	-	711	682	7
Of eye (190)	255	241	11	3	3	-	-	-	-	4	4	-
Of brain (191)	11,355	10,581	655	196	178	18	12	10	-	136	132	2
Of other and unspecified parts of nervous system (192)	275	233	36	6	5	1	-	-	-	2	2	-
Of thyroid gland and other endocrine glands and related structures (193-194)	1,709	1,502	173	38	25	13	2	2	-	24	24	-
Of all other and unspecified sites (195-199)	33,787	29,175	4,150	880	631	248	30	18	-	545	520	5
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	47,741	42,755	4,364	791	610	179	36	29	2	678	637	17
Lymphosarcoma and reticulosarcoma (200)	1,671	1,728	116	21	17	4	2	2	-	16	16	-
Hodgkin's disease (201)	1,632	1,471	148	25	22	3	-	-	-	22	22	-
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	16,730	15,457	1,056	250	216	33	10	8	-	239	226	7
Multiple myeloma and immunoproliferative neoplasms (203)	8,934	7,377	1,453	183	105	78	13	10	2	133	119	6
Leukemia (204-208)	18,574	16,722	1,591	312	250	61	11	9	-	268	254	4
Lymphoid leukemia (204)	5,508	4,914	542	90	65	25	1	1	-	73	70	1
Myeloid leukemia (205)	7,700	6,945	620	134	111	22	7	5	-	106	98	2
Monocytic leukemia (206)	269	249	20	7	6	1	-	-	-	2	2	-
Other and unspecified leukemia (207-208)	5,097	4,614	409	81	68	13	3	3	-	87	84	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6,752	5,908	747	130	104	26	6	4	1	87	82	1
Benign neoplasms (210-229)	1,477	1,232	216	27	18	9	1	-	-	19	18	-
Of female genital organs (218-221)	37	28	8	1	-	1	-	-	-	2	2	-
Of eye, brain, and other parts of nervous system (224-225)	896	757	127	13	10	3	-	-	-	11	10	-
Of all other and unspecified sites (210-217,222-223,226-229)	544	447	81	13	8	5	1	-	-	6	6	-
Carcinoma in situ (230-234)	11	10	1	1	1	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	7	6	1	1	1	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	4	4	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	1,580	1,411	154	17	14	3	1	1	-	16	15	1
Neoplasms of unspecified nature (239)	3,684	3,255	376	85	71	14	4	3	1	52	49	-
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	63,576	51,912	10,618	1,169	715	452	67	54	3	718	614	21
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	60,559	49,366	10,185	1,114	680	432	66	54	3	680	577	21
Disorders of thyroid gland (240-246)	953	819	125	18	9	9	1	-	-	8	8	-
Diabetes mellitus (250)	47,664	38,696	8,114	868	519	347	51	45	2	553	462	17
Disorders of the pituitary gland and its hypothalamic control (253)	202	168	30	7	4	3	-	-	-	4	4	-
Diseases of thymus gland (254)	7	4	1	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	220	188	26	2	1	1	-	-	-	4	4	-
Cystic fibrosis (277.0)	414	397	13	6	6	-	-	-	-	3	3	-
Obesity (278.0)	1,285	985	291	20	13	7	2	2	-	13	12	-
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	9,814	8,109	1,585	193	128	65	12	7	1	95	84	4
Nutritional deficiencies (260-269)	3,017	2,546	433	55	35	20	1	-	-	38	37	-
Nutritional marasmus (261)	251	205	44	2	1	1	-	-	-	5	5	-
Other protein-calorie malnutrition (262-263)	2,545	2,150	361	47	29	18	1	-	-	30	29	-
All other nutritional deficiencies (260,264-269)	221	191	28	6	5	1	-	-	-	3	3	-
IV. Diseases of blood and blood-forming organs (280-289)	9,027	7,433	1,454	186	120	65	11	11	-	104	97	3
Anemias (280-285)	4,092	3,136	887	117	69	48	5	5	-	49	44	3
Deficiency anemias (280-281)	277	236	39	13	5	8	-	-	-	6	5	1
Hemolytic anemias (282-283)	817	337	463	23	6	17	-	-	-	5	3	2
Aplastic anemia (284)	1,294	1,144	118	33	25	8	4	4	-	21	19	-
Other and unspecified anemias (285)	1,704	1,419	267	48	33	15	1	1	-	17	17	-
Purpura and other hemorrhagic conditions (287)	776	668	96	11	10	1	3	3	-	4	4	-
All other diseases of blood and blood-forming organs (286,288-289)	4,159	3,629	471	58	41	16	3	3	-	51	49	-
V. Mental disorders (290-319)	25,856	21,970	3,559	512	384	127	38	25	-	383	330	12
Senile and presenile organic psychotic conditions (290)	8,902	8,239	596	120	96	24	11	10	-	109	103	4
Alcoholic psychoses (291)	433	312	112	14	6	8	2	1	-	4	3	-
All other psychoses (292-299)	3,992	3,587	370	65	47	18	7	6	-	67	62	1
Alcohol dependence syndrome (303)	5,223	3,606	1,476	104	56	47	8	3	-	130	100	4
Drug dependence (304)	351	257	90	2	2	-	-	-	-	7	7	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	6,575	5,643	864	201	171	30	10	5	-	65	54	3
Mental retardation (317-319)	380	326	51	6	6	-	-	-	-	1	1	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

(Page 3 of 65)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	United States			Alabama			Alaska			Arizona		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	39,368	35,495	3,477	668	525	142	48	33	1	570	544	8
Diseases of the nervous system (320-359)	39,251	35,409	3,448	667	524	142	48	33	1	569	543	8
Meningitis (320-322)	1,017	705	284	12	7	5	4	3	-	23	22	-
Parkinson's disease (332)	7,254	6,918	245	100	89	11	6	4	-	130	126	1
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	19,948	18,657	1,158	367	315	52	19	15	-	270	262	5
Multiple sclerosis (340)	1,647	1,504	139	14	9	5	1	1	-	23	22	1
Infantile cerebral palsy (343)	773	617	147	12	7	5	-	-	-	11	10	-
Epilepsy (345)	1,627	1,178	427	28	10	18	6	2	1	13	13	-
Other diseases of the nervous system (323-326,341-342,344,346-359)	6,985	5,830	1,048	134	87	46	12	8	-	99	88	1
Disorders of the eye and adnexa (360-379)	41	30	11	1	1	-	-	-	-	-	-	-
Diseases of the ear and mastoid process (380-389)	76	56	18	-	-	-	-	-	-	1	1	-
VII. Diseases of the circulatory system (390-459)	920,245	811,199	98,734	16,796	12,466	4,313	590	453	15	11,255	10,719	249
Rheumatic fever and rheumatic heart disease (390-398)	6,018	5,483	436	54	40	14	12	9	1	93	86	3
Acute rheumatic fever (390-392)	66	52	14	1	-	1	-	-	-	-	-	-
Chronic rheumatic heart disease (393-398)	5,952	5,431	422	53	40	13	12	9	1	93	86	3
Diseases of mitral valve (394)	2,690	2,443	190	26	18	8	9	6	1	34	31	1
Diseases of aortic valve (395)	173	158	15	1	1	-	-	-	-	1	1	-
Diseases of mitral and aortic valves (396)	1,105	1,018	78	12	11	1	-	-	-	16	14	1
All other chronic rheumatic heart disease (393,397-398)	1,984	1,812	139	14	10	4	3	3	-	42	40	1
Hypertensive disease (401-404)	32,618	23,773	8,452	685	318	367	10	6	1	237	219	11
Essential hypertension (401)	4,618	3,598	975	138	74	64	2	2	-	52	48	2
Hypertensive heart disease (402)	21,072	15,165	5,636	420	185	235	4	3	-	132	122	7
Hypertensive renal disease (403)	4,551	3,362	1,134	79	38	41	3	1	1	43	39	2
Hypertensive heart and renal disease (404)	2,377	1,648	707	48	21	27	1	-	-	10	10	-
Ischemic heart disease (410-414)	489,171	443,859	40,571	7,106	5,741	1,357	321	257	6	6,310	6,089	130
Acute myocardial infarction (410)	239,008	216,252	20,436	4,505	3,608	892	125	96	2	2,520	2,438	44
Other acute and subacute forms of ischemic heart disease (411)	3,333	2,807	479	28	19	9	1	1	-	209	198	7
Angina pectoris (413)	1,070	959	103	21	15	6	1	-	-	6	6	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	245,760	223,841	19,553	2,552	2,099	450	194	160	4	3,575	3,447	79
Diseases of pulmonary circulation (415-417)	11,848	9,787	1,951	285	190	95	13	10	-	146	134	4
Other forms of heart disease (420-429)	189,572	161,422	25,810	4,981	3,606	1,369	93	64	3	2,116	1,954	48
Acute and subacute endocarditis (421)	921	724	183	13	10	3	2	2	-	11	11	-
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	815	638	156	10	8	2	6	1	1	10	9	-
Other diseases of endocardium (424)	13,004	11,951	924	184	153	30	7	4	1	155	148	3
Mitral valve disorders (424.0)	2,044	1,886	136	31	27	4	-	-	-	22	21	1
Aortic valve disorders (424.1)	7,966	7,402	500	120	100	19	6	4	1	89	85	1
All other diseases of endocardium (424.2-424.9)	2,994	2,663	288	33	26	7	1	-	-	44	42	1
Heart failure (428)	37,927	33,802	3,797	1,467	1,175	290	13	8	-	494	458	7
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	1,079	845	219	15	9	6	1	1	-	10	8	1
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	135,826	113,462	20,531	3,292	2,251	1,038	64	48	1	1,436	1,320	37
Cerebrovascular diseases (430-438)	144,088	124,526	17,407	2,897	1,974	920	103	73	4	1,735	1,645	40
Subarachnoid hemorrhage (430)	6,815	5,556	1,042	119	81	37	18	10	1	86	81	2
Intracerebral and other intracranial hemorrhage (431-432)	20,575	16,776	3,227	420	278	142	13	9	2	257	241	5
Occlusion and stenosis of precerebral arteries (433)	1,256	1,154	92	19	14	5	-	-	-	17	17	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	18,261	16,079	1,977	289	224	65	15	9	1	172	163	2
Cerebral embolism (434.1)	651	604	39	14	8	6	-	-	-	8	7	1
Acute but ill-defined cerebrovascular disease (436)	80,745	70,417	9,406	1,762	1,191	569	45	37	-	1,076	1,021	27
Other and late effects of cerebrovascular diseases (435,437-438)	15,785	13,940	1,624	274	178	96	12	8	-	119	115	3
Diseases of arteries, arterioles, and capillaries (440-448)	42,692	38,838	3,441	706	538	168	35	32	-	559	541	9
Atherosclerosis (440)	18,047	16,547	1,380	282	191	91	13	11	-	257	249	4
Aortic aneurysm (441)	16,402	15,119	1,068	269	228	41	19	18	-	211	208	2
All other diseases of arteries, arterioles, and capillaries (442-448)	8,243	7,172	993	155	119	36	3	3	-	91	84	3
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	4,238	3,511	666	82	59	23	3	2	-	59	51	4
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	1,793	1,492	283	29	24	5	2	1	-	20	16	2
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	2,445	2,019	383	53	35	18	1	1	-	39	35	2
VIII. Diseases of the respiratory system (460-519)	192,205	173,634	16,183	3,241	2,638	598	163	113	3	3,122	2,957	44
Diseases of the upper respiratory tract (460-465,470-478)	592	506	74	4	2	2	-	-	-	6	5	-
Acute upper respiratory infections (460-465)	264	230	30	1	-	1	-	-	-	3	3	-
Other diseases of upper respiratory tract (470-478)	328	276	44	3	2	1	-	-	-	3	2	-
Other diseases of the respiratory system (466,480-519)	191,613	173,128	16,109	3,237	2,636	596	163	113	3	3,116	2,952	44
Acute bronchitis and bronchiolitis (466)	633	559	64	10	9	1	3	1	1	9	7	-
Pneumonia (480-486)	77,415	68,807	7,473	1,198	927	270	48	26	1	1,163	1,066	19
Viral pneumonia (480)	720	635	69	9	7	2	3	1	-	10	9	1
Pneumococcal and other bacterial pneumonia (481-482)	6,227	5,219	903	92	69	23	2	2	-	80	67	2
Bronchopneumonia, organism unspecified (485)	6,376	5,549	725	50	36	14	8	2	-	94	87	1
Pneumonia due to other and unspecified organism (483,486)	64,092	57,404	5,776	1,047	815	231	35	21	1	979	903	15
Influenza (487)	2,098	1,999	90	26	23	3	-	-	-	21	20	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	86,679	80,179	5,655	1,516	1,307	208	90	74	-	1,594	1,557	18
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	24,125	21,889	1,939	363	309	53	24	20	-	487	471	4
Bronchitis, not specified as acute or chronic (490)	615	561	43	10	7	3	-	-	-	2	1	-
Chronic bronchitis (491)	2,985	2,804	147	48	42	6	5	4	-	38	37	-
Emphysema (492)	15,706	14,828	763	245	229	16	13	12	-	349	344	3
Asthma (493)	4,819	3,696	986	60	31	28	6	4	-	98	89	1
Bronchiectasis and extrinsic allergic alveolitis (494-495)	955	897	37	19	18	1	1	-	-	45	43	1
Chronic airways obstruction, not elsewhere classified (496)	61,599	57,393	3,679	1,134	980	154	65	54	-	1,062	1,043	13
Pneumoconioses and other lung diseases due to external agents (500-508)	9,108	7,992	1,006	183	143	40	6	4	-	97	91	1
Empyema and abscess of lung and mediastinum (510,513)	809	613	180	12	7	5	-	-	-	13	12	1
Pleurisy (511)	877	743	120	16	11	5	-	-	-	5	5	-
All other diseases of respiratory system (512,514-519)	13,994	12,236	1,521	276	209	64	16	8	1	214	194	5

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

(Page 4 of 65)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	United States			Alabama			Alaska			Arizona		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	75,177	64,529	9,380	1,320	973	346	95	60	2	1,089	951	31
Diseases of oral cavity, salivary glands, and jaws (520-529)	101	82	14	6	4	2	-	-	-	4	3	-
Diseases of other parts of the digestive system (530-579)	75,076	64,447	9,366	1,314	969	344	95	60	2	1,085	948	31
Ulcer of stomach and duodenum (531-533)	6,186	5,517	582	103	76	27	8	4	-	58	54	4
Gastric ulcer (531)	1,886	1,643	206	32	25	7	4	1	-	11	10	1
Duodenal ulcer (532)	1,998	1,801	168	35	27	8	3	2	-	26	25	1
Peptic ulcer, site unspecified (533)	2,302	2,073	208	36	24	12	1	1	-	21	19	2
Gastritis and duodenitis (535)	690	606	77	6	3	3	-	-	-	7	7	-
Appendicitis (540-543)	438	357	71	7	3	4	1	-	-	11	10	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,838	5,089	697	91	60	31	4	3	-	59	53	1
Regional enteritis and idiopathic proctocolitis (555-556)	681	637	42	10	10	-	2	2	-	7	7	-
All other noninfective gastroenteritis and colitis (557-558)	8,143	7,300	748	125	98	27	7	7	-	112	107	1
Diverticula of intestine (562)	3,092	2,878	194	59	48	11	3	3	-	32	29	-
Chronic liver disease and cirrhosis (571)	25,815	21,478	3,753	434	317	117	46	27	1	430	354	12
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	11,985	9,482	2,202	162	97	65	34	18	1	191	143	6
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	1,150	1,014	96	22	16	6	2	2	-	16	12	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	12,680	10,982	1,455	250	204	46	10	7	-	223	199	6
Cholelithiasis and other disorders of gallbladder (574-575)	3,022	2,722	244	66	54	12	4	3	-	31	26	1
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	21,171	17,863	2,958	413	300	112	20	11	1	338	301	12
X. Diseases of the genitourinary system (580-629)	38,637	31,369	6,688	853	533	318	16	9	3	482	427	17
Diseases of urinary system (580-599)	37,642	30,523	6,547	839	525	312	16	9	3	473	418	17
Nephritis, nephrotic syndrome, and nephrosis (580-589)	20,764	16,571	3,855	490	297	191	13	7	3	298	262	12
Acute glomerulonephritis (580)	90	78	8	2	2	-	-	-	-	-	-	-
Nephrotic syndrome (581)	206	171	34	6	3	3	-	-	-	6	6	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,521	1,191	300	22	13	9	3	2	-	9	8	1
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	18,947	15,131	3,513	460	279	179	10	5	3	283	248	11
Infections of kidney (590)	1,296	1,134	138	37	31	6	1	1	-	20	18	-
Urinary calculus (592,594)	309	275	31	9	8	1	-	-	-	1	1	-
All other diseases of urinary system (591,593,595-599)	15,273	12,543	2,523	303	189	114	2	1	-	154	137	5
Diseases of male genital organs (600-608)	701	609	84	11	6	5	-	-	-	8	8	-
Hyperplasia of prostate (600)	455	402	48	8	5	3	-	-	-	3	3	-
Other diseases of male genital organs (601-608)	246	207	36	3	1	2	-	-	-	5	5	-
Disorders of breast (610-611)	32	23	9	1	1	-	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	262	214	48	2	1	1	-	-	-	1	1	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	343	177	153	10	5	5	-	-	-	3	1	1
Pregnancy with abortive outcome (630-638)	57	23	33	2	2	-	-	-	-	-	-	-
Ectopic pregnancy (633)	41	14	26	-	-	-	-	-	-	-	-	-
Spontaneous abortion (634)	6	4	2	1	1	-	-	-	-	-	-	-
Legally induced abortion (635)	1	-	1	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	1	1	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	8	4	4	1	1	-	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	265	140	113	7	2	5	-	-	-	3	1	1
Hemorrhage of pregnancy and childbirth (640-641,666)	44	26	17	-	-	-	-	-	-	1	-	-
Toxemia of pregnancy (642.4-642.9,643)	64	34	27	3	1	2	-	-	-	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	99	51	43	3	1	2	-	-	-	1	-	1
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	58	29	26	1	-	1	-	-	-	1	1	-
Indirect obstetric causes (647-648)	21	14	7	1	1	-	-	-	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	3,557	2,528	983	91	47	44	2	2	-	28	26	-
Infections of skin and subcutaneous tissue (680-686)	771	628	129	16	9	7	1	1	-	12	12	-
All other diseases of skin and subcutaneous tissue (690-709)	2,786	1,900	854	75	38	37	1	1	-	16	14	-
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	7,679	6,420	1,117	148	94	54	12	10	-	127	120	1
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1,822	1,694	102	38	26	12	4	2	-	56	54	1
Other arthropathies and related disorders (710-712,715-719)	3,538	2,763	694	76	42	34	8	8	-	46	44	-
Dorsopathies (720-724)	199	174	23	4	4	-	-	-	-	3	3	-
Rheumatism, excluding the back (725-729)	538	401	124	14	9	5	-	-	-	9	6	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	1,582	1,388	174	16	13	3	-	-	-	13	13	-
XIV. Congenital anomalies (740-759)	13,085	10,502	2,177	187	123	64	39	21	2	230	197	8
Spina bifida (741)	178	148	27	1	-	1	-	-	-	2	2	-
All other congenital anomalies of nervous system (740,742)	1,625	1,310	255	15	14	1	4	1	1	21	18	-
Congenital anomalies of heart (745-746)	4,641	3,720	781	69	38	31	11	5	1	83	69	4
Other congenital anomalies of circulatory system (747)	1,193	939	215	23	18	5	1	1	-	18	17	-
All other congenital anomalies (743-744,748-759)	5,448	4,385	899	79	53	26	23	14	-	106	91	4

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

(Page 5 of 65)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	United States			Alabama			Alaska			Arizona		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	17,674	10,506	6,744	346	162	184	33	16	2	233	181	32
Birth trauma (767)	214	159	52	3	3	-	-	-	-	1	1	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	3,657	2,339	1,224	95	50	45	12	8	-	30	27	1
Other conditions originating in the perinatal period (760-766,770-779)	13,803	8,008	5,468	248	109	139	21	8	2	202	153	31
XVI. Symptoms, signs, and ill-defined conditions (780-799)	24,137	18,058	5,505	889	519	369	53	30	2	252	199	16
Senility without mention of psychosis (797)	1,308	1,150	149	38	27	10	2	1	-	25	24	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	22,829	16,908	5,356	851	492	359	51	29	2	227	175	16
Supplementary classification of external causes of injury and poisoning (E800-E999)	150,211	118,993	27,168	3,431	2,405	1,012	500	307	11	2,655	2,214	102
Accidents and adverse effects (E800-E949)	91,983	76,934	12,419	2,325	1,722	593	393	247	11	1,628	1,329	46
Transport accidents (E800-E848)	49,606	42,096	5,822	1,292	1,006	278	175	125	6	938	746	23
Railway accidents (E800-E807)	663	506	137	10	8	2	-	-	-	14	11	-
Motor vehicle accidents (E810-E825)	46,814	39,651	5,560	1,241	966	268	100	74	6	893	706	23
Motor vehicle traffic accidents (E810-E819)	45,827	38,770	5,482	1,219	953	259	95	72	6	866	683	23
Involving collision with train (E810)	623	555	53	21	20	1	-	-	-	4	4	-
Involving collision with another motor vehicle (E811-E812)	17,297	15,133	1,676	403	310	88	36	28	5	311	274	10
Involving collision with pedestrian (E814)	6,800	5,164	1,322	114	77	37	7	4	-	137	97	1
Involving collision with other vehicle or object (E813,E815)	7,370	6,237	910	96	74	22	8	6	-	90	73	5
Not involving collision on highway (E816-E818)	8,592	7,361	862	324	268	54	17	13	1	206	150	6
Motor vehicle traffic accident of unspecified nature (E819)	5,145	4,320	659	261	204	57	27	21	-	118	85	1
Motor vehicle nontraffic accidents (E820-E825)	987	881	78	22	13	9	5	2	-	27	23	-
Other road vehicle accidents (E826-E829)	220	196	18	5	2	2	1	1	-	7	6	-
Water transport accidents (E830-E838)	923	793	92	19	14	5	38	17	-	3	2	-
Air and space transport accidents (E840-E845)	941	908	12	16	15	1	36	33	-	18	18	-
Vehicle accidents not elsewhere classifiable (E846-E848)	45	42	3	1	1	-	-	-	-	3	3	-
Accidental poisoning (E850-E869)	5,803	4,542	1,156	87	59	28	30	20	3	117	102	4
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	4,506	3,477	959	56	39	17	16	10	2	91	82	4
Accidental poisoning by other solid or liquid substances (E860-E866)	549	430	99	12	9	3	2	2	-	12	8	-
Accidental poisoning by gases and vapors (E867-E869)	748	635	98	19	11	8	12	8	1	14	12	-
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	2,669	2,245	389	81	67	14	4	3	-	26	25	1
Accidental falls (E880-E888)	12,313	11,131	1,005	217	184	33	16	12	1	189	172	7
Fall from one level to another (E880-E884)	3,194	2,808	327	33	24	9	7	4	1	41	35	3
Fall on same level (E885-E886)	499	476	16	9	8	1	3	3	-	3	3	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	8,620	7,847	662	175	152	23	6	5	-	145	134	4
Accidents caused by fire and flames (E890-E899)	4,175	2,848	1,254	153	73	80	16	7	-	43	36	-
Other accidents, including late effects (E900-E929)	17,251	13,941	2,761	492	330	160	152	80	1	313	246	11
Lightning (E907)	89	75	14	2	1	1	-	-	-	2	2	-
Accidental drowning and submersion (E910)	3,979	3,006	777	106	63	42	25	11	1	86	69	2
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3,303	2,741	502	84	54	30	8	4	-	45	32	2
Accident caused by handgun (E922.0)	241	187	46	11	9	2	3	2	-	4	4	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1,175	926	213	66	42	24	42	30	-	22	18	2
Accident caused by explosive material (E923)	202	177	23	4	3	1	1	1	-	2	2	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	131	91	38	3	3	-	-	-	-	2	2	-
Accident caused by electric current (E925)	670	606	57	14	14	-	3	3	-	9	8	1
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	7,461	6,132	1,091	202	141	60	70	29	-	141	109	4
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	166	131	32	3	3	-	-	-	-	2	2	-
Suicide (E950-E959)	30,906	28,086	2,111	514	452	60	70	44	-	686	628	15
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	2,920	2,703	159	27	24	3	2	1	-	67	61	2
Suicide by other solid or liquid substances (E950.6-E950.9)	223	190	22	1	-	1	-	-	-	6	5	-
Suicide by gases and vapors (E951-E952)	2,281	2,227	30	11	11	-	3	3	-	40	40	-
Suicide by hanging, strangulation, and suffocation (E953)	4,444	3,812	374	29	23	6	13	5	-	86	70	1
Suicide by handgun (E955.0)	3,464	3,218	178	126	111	15	13	10	-	206	193	7
Suicide by all other and unspecified firearms (E955.1-E955.4)	15,421	14,126	1,085	307	274	31	35	21	-	266	247	5
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	2,153	1,810	263	13	9	4	4	4	-	15	12	-
Homicide and legal intervention (E960-E978)	24,932	12,153	12,144	550	200	349	31	16	-	314	234	40
Assault by handgun (E965.0)	1,337	714	584	104	22	81	3	3	-	23	17	5
Assault by all other and unspecified firearms (E965.1-E965.4)	14,881	6,662	7,913	277	112	165	9	7	-	161	127	23
Assault by cutting and piercing instrument (E966)	4,101	1,984	1,998	99	30	69	10	3	-	46	31	7
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	4,295	2,593	1,540	69	36	33	9	3	-	70	50	4
Legal execution (E978)	21	14	7	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	297	186	102	1	-	1	-	-	-	14	9	1
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	2,376	1,808	492	41	30	10	6	-	-	26	22	1
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	955	778	158	8	7	1	2	-	-	12	12	-
From poisoning by other solid or liquid substances (E980.6-E980.9)	51	38	8	-	-	-	-	-	-	2	1	1
From injury by handgun (E985.0)	53	39	13	2	2	-	-	-	-	1	1	-
From injury by all other and unspecified firearms (E985.1-E985.4)	294	245	45	18	15	3	1	-	-	2	2	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	1,023	708	268	13	6	6	3	-	-	9	6	-
Injury resulting from operations of war (E990-E999)	14	12	2	1	1	-	-	-	-	1	1	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Arkansas			California			Colorado			Connecticut		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	24,652	20,502	4,104	214,369	187,220	17,473	21,583	20,661	731	27,607	25,662	1,845
I. Infectious and parasitic diseases (001-139)	444	335	108	7,090	5,958	833	586	549	31	813	648	159
Intestinal infectious diseases (001-009)	13	9	4	62	53	6	6	6	-	5	2	2
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	4	3	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	2	1	1	8	5	3	-	-	-	2	1	-
Amebiasis (006)	-	-	-	2	2	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	7	5	2	23	22	1	3	3	-	1	-	1
Ill-defined intestinal infections (009)	4	3	1	25	21	2	3	3	-	2	1	1
Tuberculosis (010-018)	22	13	9	211	140	29	14	11	2	9	7	1
Tuberculosis of respiratory system (010-012)	17	10	7	163	110	22	8	7	-	8	7	1
Other tuberculosis (013-018)	5	3	2	48	30	7	6	4	2	1	-	-
Zoonotic and other bacterial diseases (020-041)	260	200	59	816	694	78	164	157	7	424	391	33
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	1	1	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	3	3	-	-	-	-	-	-	-
Meningococcal infection (036)	4	4	-	45	35	8	-	-	-	3	2	1
Tetanus (037)	-	-	-	2	2	-	-	-	-	-	-	-
Septicemia (038)	246	187	58	644	544	62	152	146	6	413	383	30
All other bacterial diseases (020-022,024-031,039-041)	10	9	1	121	109	8	12	11	1	8	6	2
Viral diseases (*042-*044,045-079)	103	76	27	5,546	4,710	657	362	339	19	320	208	108
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	36	25	4	-	-	-	-	-	-
Rubella (056)	-	-	-	8	6	1	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	19	19	-	266	200	19	17	15	-	17	16	1
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	84	57	27	5,236	4,479	633	345	324	19	303	192	107
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	3	3	-	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	1	1	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	2	2	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	2	1	1	10	8	1	-	-	-	-	-	-
Syphilis (090-097)	2	1	1	9	7	1	-	-	-	-	-	-
Cardiovascular syphilis (093)	-	-	-	2	2	-	-	-	-	-	-	-
Neurosyphilis (094)	-	-	-	6	4	1	-	-	-	-	-	-
All other syphilis (090-091,095-097)	2	1	1	1	1	-	-	-	-	-	-	-
Gonococcal infections (098)	-	-	-	1	1	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	44	36	8	442	350	62	40	36	3	55	40	15
Mycoses (110-118)	28	23	5	270	220	31	21	19	1	29	21	8
Helminthiases (120-129)	1	1	-	10	9	-	-	-	-	-	-	-
Late effects of tuberculosis (137)	-	-	-	15	14	1	6	5	1	3	3	-
Late effects of acute poliomyelitis (138)	3	2	1	20	20	-	3	3	-	1	1	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	12	10	2	127	87	30	10	9	1	22	15	7
II. Neoplasms (140-239)	5,746	4,835	897	49,656	43,510	3,680	4,982	4,775	168	6,939	6,530	385
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5,702	4,800	888	48,986	42,922	3,647	4,935	4,731	165	6,819	6,415	380
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	80	68	11	888	741	77	76	72	2	117	106	10
Of lip (140)	3	3	-	9	9	-	-	-	-	-	-	-
Of tongue (141)	10	8	2	230	199	21	14	13	1	32	27	4
Of pharynx (146-149.0)	43	36	6	399	314	36	38	35	1	45	41	4
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	24	21	3	250	219	20	24	24	-	40	38	2
Malignant neoplasms of digestive organs and peritoneum (150-159)	1,276	1,015	256	11,771	9,961	938	1,223	1,155	55	1,734	1,615	106
Of esophagus (150)	69	53	16	894	741	98	89	83	6	153	137	16
Of stomach (151)	148	112	35	1,593	1,250	145	150	141	8	226	210	14
Of small intestine, including duodenum (152)	7	5	2	122	99	14	11	11	-	8	7	1
Of colon (153)	526	426	99	4,301	3,752	335	466	442	21	698	652	42
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	-	-	-	46	41	2	5	5	-	2	2	-
Descending colon (153.2)	1	-	1	85	66	13	-	-	-	-	-	-
Sigmoid colon (153.3)	5	4	1	241	211	14	7	7	-	13	12	1
Cecum, appendix, and ascending colon (153.4-153.6)	14	11	3	454	401	34	11	10	-	19	17	1
Other and colon, unspecified (153.8-153.9)	506	411	94	3,475	3,033	272	443	420	21	664	621	40
Of rectum, rectosigmoid junction, and anus (154)	64	52	11	844	752	52	84	79	4	134	129	4
Of liver and intrahepatic bile ducts (155)	100	85	15	988	713	62	89	79	3	96	84	9
Liver, primary (155.0)	36	29	7	546	364	33	60	50	3	54	47	5
Intrahepatic bile ducts (155.1)	8	6	2	168	140	6	23	23	-	13	12	1
Liver, not specified as primary or secondary (155.2)	56	50	6	274	209	23	6	6	-	29	25	3
Of gallbladder and extrahepatic bile ducts (156)	42	33	9	351	313	16	39	39	-	43	41	1
Of pancreas (157)	311	240	69	2,537	2,218	203	260	247	12	351	332	17
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	9	9	-	141	123	13	35	34	1	25	23	2
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	1,880	1,664	212	13,758	12,207	1,021	1,241	1,197	39	1,822	1,716	102
Of larynx (161)	39	26	13	315	264	39	42	40	2	48	41	7
Of trachea, bronchus, and lung (162)	1,829	1,627	198	13,306	11,822	971	1,184	1,143	36	1,754	1,657	93
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	12	11	1	137	121	11	15	14	1	20	18	2

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Arkansas			California			Colorado			Connecticut		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	552	488	63	5,727	5,138	383	617	600	13	788	744	44
Of bone and articular cartilage (170)	28	25	3	95	81	8	13	13	-	10	10	-
Of connective and other soft tissue (171)	35	31	4	342	292	29	36	35	-	49	45	4
Melanoma of skin (172)	70	67	3	784	773	6	90	90	-	89	88	1
Other malignant neoplasms of skin (173)	27	22	4	188	178	7	23	23	-	30	27	3
Of female breast (174)	390	342	48	4,300	3,797	333	451	435	13	607	571	36
Of male breast (175)	2	1	1	18	17	-	4	4	-	3	3	-
Malignant neoplasms of genital organs (179-187)	667	501	166	5,531	4,821	470	665	639	21	733	674	54
Of cervix uteri (180)	55	40	15	468	381	39	42	40	2	43	36	6
Of other parts of uterus (179,181-182)	61	41	20	571	496	50	63	61	1	75	71	4
Of ovary and other uterine adnexa (183)	152	129	23	1,338	1,223	57	162	157	4	168	160	7
Of other and unspecified female genital organs (184)	9	6	3	88	76	8	18	18	-	11	11	-
Of prostate (185)	388	283	105	3,002	2,591	312	375	358	14	429	390	36
Of testis (186)	-	-	-	53	47	2	5	5	-	-	-	-
Of penis and other male genital organs (187)	2	2	-	11	7	2	-	-	-	7	6	1
Malignant neoplasms of urinary organs (188-189)	227	191	36	1,910	1,740	114	202	191	10	325	313	12
Of bladder (188)	105	94	11	960	876	56	101	98	3	161	157	4
Of kidney and other and unspecified urinary organs (189)	122	97	25	950	864	58	101	93	7	164	156	8
Malignant neoplasms of other and unspecified sites (190-199)	468	401	66	4,568	4,023	329	409	396	8	680	650	29
Of eye (190)	1	1	-	22	20	1	1	1	-	2	2	-
Of brain (191)	140	129	11	1,163	1,066	53	142	140	2	133	133	-
Of other and unspecified parts of nervous system (192)	4	3	1	31	25	5	2	2	-	4	3	1
Of thyroid gland and other endocrine glands and related structures (193-194)	14	9	5	171	145	13	27	25	2	14	13	1
Of all other and unspecified sites (195-199)	309	259	49	3,181	2,767	257	237	228	4	527	499	27
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	552	472	78	4,833	4,291	315	502	481	17	620	597	23
Lymphosarcoma and reticulosarcoma (200)	13	10	3	211	190	12	23	21	1	20	20	-
Hodgkin's disease (201)	16	13	3	172	154	13	15	14	1	21	21	-
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	197	180	17	1,594	1,450	72	159	156	2	231	222	9
Multiple myeloma and immunoproliferative neoplasms (203)	110	78	30	866	726	106	99	93	6	105	99	6
Leukemia (204-208)	216	191	25	1,990	1,771	112	206	197	7	243	235	8
Lymphoid leukemia (204)	60	51	9	602	544	41	61	58	3	63	62	1
Myeloid leukemia (205)	79	72	7	824	728	45	95	90	3	102	99	3
Monocytic leukemia (206)	2	2	-	27	24	3	2	2	-	1	1	-
Other and unspecified leukemia (207-208)	75	66	9	537	475	23	48	47	1	77	73	4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	44	35	9	670	588	33	47	44	3	120	115	5
Benign neoplasms (210-229)	10	9	1	178	142	17	22	19	3	20	19	1
Of female genital organs (218-221)	-	-	-	8	7	-	-	-	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225)	5	4	1	96	79	8	19	17	2	12	11	1
Of all other and unspecified sites (210-217,222-223,226-229)	5	5	-	74	56	9	3	2	1	8	8	-
Carcinoma in situ (230-234)	-	-	-	1	1	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	-	-	-	1	1	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	14	11	3	139	127	4	13	13	-	27	26	1
Neoplasms of unspecified nature (239)	20	15	5	352	318	12	12	12	-	73	70	3
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	694	534	160	4,551	3,744	550	596	570	20	670	610	60
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	648	500	148	4,401	3,613	537	534	509	19	643	585	58
Disorders of thyroid gland (240-246)	7	6	1	45	40	3	8	8	-	9	8	1
Diabetes mellitus (250)	518	390	128	3,376	2,726	437	405	384	16	508	463	45
Disorders of the pituitary gland and its hypothalamic control (253)	4	4	-	20	15	2	3	3	-	-	-	-
Diseases of thymus gland (254)	-	-	-	1	1	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	3	3	-	22	22	-	3	3	-	1	1	-
Cystic fibrosis (277.0)	6	6	-	38	37	1	3	3	-	4	4	-
Obesity (278.0)	17	13	4	81	69	11	5	5	-	12	11	1
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	93	78	15	818	703	83	107	103	3	109	98	11
Nutritional deficiencies (260-269)	46	34	12	150	131	13	62	61	1	27	25	2
Nutritional marasmus (261)	-	-	-	18	14	4	4	4	-	5	4	1
Other protein-calorie malnutrition (262-263)	41	29	12	121	107	8	53	52	1	18	17	1
All other nutritional deficiencies (260,264-269)	5	5	-	11	10	1	5	5	-	4	4	-
IV. Diseases of blood and blood-forming organs (280-289)	113	94	19	731	625	60	91	84	6	119	109	10
Anemias (280-285)	39	29	10	275	211	37	34	30	4	46	43	3
Deficiency anemias (280-281)	8	5	3	12	12	-	7	7	-	1	1	-
Hemolytic anemias (282-283)	6	2	4	80	41	30	7	3	4	7	5	2
Aplastic anemia (284)	11	11	-	99	84	3	15	15	-	18	17	1
Other and unspecified anemias (285)	14	11	3	84	74	4	5	5	-	20	20	-
Purpura and other hemorrhagic conditions (287)	12	10	2	64	58	2	9	9	-	4	3	1
All other diseases of blood and blood-forming organs (286,288-289)	62	55	7	392	356	21	48	45	2	69	63	6
V. Mental disorders (290-319)	237	197	40	2,350	2,134	161	299	278	20	297	274	23
Senile and presenile organic psychotic conditions (290)	56	52	4	848	800	30	115	111	4	81	80	1
Alcoholic psychoses (291)	3	3	-	44	39	5	13	11	2	2	2	-
All other psychoses (292-299)	38	33	5	249	231	10	28	26	2	63	63	-
Alcohol dependence syndrome (303)	24	16	8	469	391	61	71	63	7	47	34	13
Drug dependence (304)	-	-	-	160	139	17	2	1	1	7	5	2
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	109	89	20	543	502	33	66	62	4	91	84	7
Mental retardation (317-319)	7	4	3	37	32	5	4	4	-	6	6	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Arkansas			California			Colorado			Connecticut		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	383	345	37	3,630	3,315	207	520	504	14	570	542	27
Diseases of the nervous system (320-359)	383	345	37	3,620	3,309	203	518	502	14	569	541	27
Meningitis (320-322)	8	6	2	129	99	20	6	6	-	9	6	3
Parkinson's disease (332)	53	50	2	753	706	21	96	94	1	131	130	-
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	204	194	10	1,832	1,724	68	272	263	8	291	284	7
Multiple sclerosis (340)	13	11	2	157	146	9	37	35	2	28	27	1
Infantile cerebral palsy (343)	14	12	2	70	56	9	9	8	1	6	6	-
Epilepsy (345)	20	16	4	136	106	25	25	24	1	9	9	-
Other diseases of the nervous system (323-326,341-342,344,346-359)	71	56	15	543	472	51	73	72	1	95	79	16
Disorders of the eye and adnexa (360-379)	-	-	-	2	1	1	-	-	-	1	1	-
Diseases of the ear and mastoid process (380-389)	-	-	-	8	5	3	2	2	-	-	-	-
VII. Diseases of the circulatory system (390-459)	10,681	8,978	1,689	88,706	78,223	6,836	8,184	7,875	234	11,916	11,275	609
Rheumatic fever and rheumatic heart disease (390-398)	47	43	4	711	627	49	133	130	3	104	96	7
Acute rheumatic fever (390-392)	-	-	-	11	10	1	-	-	-	-	-	-
Chronic rheumatic heart disease (393-398)	47	43	4	700	617	48	133	130	3	104	96	7
Diseases of mitral valve (394)	23	21	2	349	294	29	48	48	-	56	51	4
Diseases of aortic valve (395)	-	-	-	32	29	3	7	7	-	-	-	-
Diseases of mitral and aortic valves (396)	8	8	-	160	147	10	20	20	-	15	12	3
All other chronic rheumatic heart disease (393,397-398)	16	14	2	159	147	6	58	55	3	33	33	-
Hypertensive disease (401-404)	297	182	115	3,662	2,849	648	262	241	19	337	302	32
Essential hypertension (401)	69	37	32	418	346	56	32	30	1	64	63	1
Hypertensive heart disease (402)	162	112	50	2,462	1,918	427	150	139	10	204	178	24
Hypertensive renal disease (403)	46	25	21	521	402	95	60	53	7	44	38	5
Hypertensive heart and renal disease (404)	20	8	12	261	183	70	20	19	1	25	23	2
Ischemic heart disease (410-414)	5,661	4,886	772	46,381	41,785	2,836	4,347	4,200	107	5,857	5,643	202
Acute myocardial infarction (410)	3,773	3,248	524	18,577	16,602	1,123	2,162	2,091	50	2,440	2,348	86
Other acute and subacute forms of ischemic heart disease (411)	7	7	-	143	130	9	17	17	-	9	9	-
Angina pectoris (413)	12	11	1	53	50	2	10	10	-	42	40	2
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	1,869	1,620	247	27,608	25,003	1,702	2,158	2,082	57	3,366	3,246	114
Diseases of pulmonary circulation (415-417)	190	167	23	748	628	94	188	179	8	133	117	16
Other forms of heart disease (420-429)	1,911	1,585	321	16,997	14,597	1,750	1,306	1,257	38	3,273	3,028	234
Acute and subacute endocarditis (421)	13	10	3	94	80	12	8	7	1	11	8	3
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	8	7	1	99	81	12	14	13	1	15	14	1
Other diseases of endocardium (424)	113	104	9	1,430	1,314	78	139	132	6	201	191	9
Mitral valve disorders (424.0)	25	23	2	249	225	11	19	17	1	31	29	2
Aortic valve disorders (424.1)	67	63	4	910	847	48	82	78	4	135	131	3
All other diseases of endocardium (424.2-424.9)	21	18	3	271	242	19	38	37	1	35	31	4
Heart failure (428)	730	635	93	1,955	1,749	127	187	180	4	472	460	11
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	11	7	4	91	72	15	15	14	1	3	3	-
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	1,036	822	211	13,328	11,301	1,506	943	911	25	2,571	2,352	210
Cerebrovascular diseases (430-438)	2,076	1,692	380	15,485	13,468	1,167	1,325	1,268	43	1,699	1,601	93
Subarachnoid hemorrhage (430)	71	63	8	771	619	76	77	72	2	71	62	9
Intracerebral and other intracranial hemorrhage (431-432)	243	193	49	2,157	1,740	196	196	180	13	261	232	26
Occlusion and stenosis of precerebral arteries (433)	18	16	2	132	123	5	7	4	3	11	11	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	236	187	49	2,022	1,773	155	121	116	4	241	229	12
Cerebral embolism (434.1)	6	5	1	89	83	3	12	12	-	6	6	-
Acute but ill-defined cerebrovascular disease (436)	1,281	1,043	235	8,016	7,120	564	758	737	14	952	914	36
Other and late effects of cerebrovascular diseases (435,437-438)	221	185	36	2,298	2,010	168	154	147	7	157	147	10
Diseases of arteries, arterioles, and capillaries (440-448)	451	384	66	4,322	3,924	247	571	551	13	448	430	18
Atherosclerosis (440)	162	132	30	2,065	1,907	110	273	266	5	169	165	4
Aortic aneurysm (441)	170	152	18	1,644	1,463	94	213	207	4	181	174	7
All other diseases of arteries, arterioles, and capillaries (442-448)	119	100	18	613	554	43	85	78	4	98	91	7
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	48	39	8	400	345	45	52	49	3	65	58	7
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	11	9	2	279	240	36	23	23	-	18	14	4
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	37	30	6	121	105	9	29	26	3	47	44	3
VIII. Diseases of the respiratory system (460-519)	2,241	1,989	249	21,441	19,478	1,104	2,514	2,456	48	2,484	2,374	107
Diseases of the upper respiratory tract (460-465,470-478)	7	7	-	68	60	3	9	9	-	9	7	2
Acute upper respiratory infections (460-465)	2	2	-	26	24	1	2	2	-	3	3	-
Other diseases of upper respiratory tract (470-478)	5	5	-	42	36	2	7	7	-	6	4	2
Other diseases of the respiratory system (466,480-519)	2,234	1,982	249	21,373	19,418	1,101	2,505	2,447	48	2,475	2,367	105
Acute bronchitis and bronchiolitis (466)	16	14	2	78	65	8	7	6	-	2	2	-
Pneumonia (480-486)	884	761	120	9,536	8,648	482	911	884	26	1,144	1,093	48
Viral pneumonia (480)	4	4	-	133	121	8	11	11	-	7	7	-
Pneumococcal and other bacterial pneumonia (481-482)	52	44	8	771	685	52	61	57	4	63	57	6
Bronchopneumonia, organism unspecified (485)	22	20	2	985	881	62	79	74	5	51	47	4
Pneumonia due to other and unspecified organism (483,486)	806	693	110	7,647	6,961	360	760	742	17	1,023	982	38
Influenza (487)	20	16	4	156	147	5	24	23	1	42	40	2
Chronic obstructive pulmonary diseases and allied conditions (490-496)	993	911	82	9,645	8,841	469	1,300	1,279	16	1,003	962	41
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	293	262	31	3,059	2,765	177	361	353	7	237	219	18
Bronchitis, not specified as acute or chronic (490)	8	6	2	84	73	5	7	7	-	13	13	-
Chronic bronchitis (491)	37	34	3	400	363	17	40	39	1	28	27	1
Emphysema (492)	203	193	10	2,020	1,894	80	238	232	5	152	143	9
Asthma (493)	45	29	16	555	435	75	76	75	1	44	36	8
Bronchiectasis and extrinsic allergic alveolitis (494-495)	15	15	-	116	109	1	6	6	-	10	9	1
Chronic airways obstruction, not elsewhere classified (496)	685	634	51	6,470	5,967	291	933	920	9	756	734	22
Pneumoconioses and other lung diseases due to external agents (500-508)	113	101	12	482	419	34	105	104	1	105	101	4
Empyema and abscess of lung and mediastinum (510,513)	4	3	1	102	84	11	11	10	-	6	6	-
Pleurisy (511)	10	9	1	52	42	5	8	8	-	11	11	-
All other diseases of respiratory system (512,514-519)	194	167	27	1,322	1,172	87	139	133	4	162	152	10

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Arkansas			California			Colorado			Connecticut		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	803	684	116	8,238	7,301	612	925	885	34	1,035	957	75
Diseases of oral cavity, salivary glands, and jaws (520-529)	-	-	-	7	5	1	1	1	-	4	4	-
Diseases of other parts of the digestive system (530-579)	803	684	116	8,231	7,296	611	924	884	34	1,031	953	75
Ulcer of stomach and duodenum (531-533)	52	46	6	807	696	69	106	101	5	67	63	4
Gastric ulcer (531)	12	11	1	254	219	19	27	26	1	12	11	1
Duodenal ulcer (532)	20	17	3	286	244	28	42	40	2	22	22	-
Peptic ulcer, site unspecified (533)	20	18	2	267	233	22	37	35	2	33	30	3
Gastritis and duodenitis (535)	5	3	2	84	77	4	29	27	1	3	3	-
Appendicitis (540-543)	1	-	1	61	53	4	3	3	-	2	1	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	69	56	13	472	433	22	80	80	-	74	71	3
Regional enteritis and idiopathic proctocolitis (555-556)	9	9	-	63	59	3	5	5	-	11	11	-
All other noninfective gastroenteritis and colitis (557-558)	97	86	11	817	739	49	92	88	4	120	109	9
Diverticula of intestine (562)	44	40	4	292	280	6	42	41	1	36	34	2
Chronic liver disease and cirrhosis (571)	205	171	32	3,891	3,441	315	295	278	14	329	301	28
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	65	49	15	2,420	2,142	223	235	219	13	130	114	16
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	9	8	-	128	102	9	19	18	1	18	18	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	131	114	17	1,343	1,197	83	41	41	-	181	169	12
Cholelithiasis and other disorders of gallbladder (574-575)	49	40	9	273	246	14	44	43	1	48	46	2
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	272	233	38	1,471	1,272	125	228	218	8	341	314	26
X. Diseases of the genitourinary system (580-629)	515	377	137	3,472	2,930	339	295	273	19	481	419	61
Diseases of urinary system (580-599)	504	369	134	3,346	2,820	326	288	266	19	472	410	61
Nephritis, nephrotic syndrome, and nephrosis (580-589)	288	202	86	1,522	1,229	183	122	110	10	296	248	48
Acute glomerulonephritis (580)	1	1	-	8	7	1	-	-	-	-	-	-
Nephrotic syndrome (581)	2	1	1	14	12	2	1	1	-	5	5	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	23	17	6	149	129	11	20	18	1	15	12	3
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	262	183	79	1,351	1,081	169	101	91	9	276	231	45
Infections of kidney (590)	18	16	2	198	178	9	20	19	1	4	4	-
Urinary calculus (592,594)	2	2	-	33	31	1	3	3	-	2	1	1
All other diseases of urinary system (591,593,595-599)	196	149	46	1,593	1,382	133	143	134	8	170	157	12
Diseases of male genital organs (600-608)	9	6	3	96	85	8	6	6	-	7	7	-
Hyperplasia of prostate (600)	7	5	2	66	60	3	5	5	-	4	4	-
Other diseases of male genital organs (601-608)	2	1	1	30	25	5	1	1	-	3	3	-
Disorders of breast (610-611)	-	-	-	-	-	-	-	-	-	1	1	-
Diseases of female genital organs except breast (614-629)	2	2	-	30	25	5	1	1	-	1	1	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	1	1	-	55	38	9	7	6	1	3	2	1
Pregnancy with abortive outcome (630-638)	-	-	-	7	5	1	-	-	-	-	-	-
Ectopic pregnancy (633)	-	-	-	5	3	1	-	-	-	-	-	-
Spontaneous abortion (634)	-	-	-	-	-	-	-	-	-	-	-	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	1	1	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	1	1	-	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	1	1	-	48	33	8	6	5	1	3	2	1
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	9	6	3	1	1	-	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	1	1	-	16	13	1	1	1	-	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	17	10	4	2	2	-	2	2	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	6	4	-	2	1	1	1	-	1
Indirect obstetric causes (647-648)	-	-	-	-	-	-	1	1	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	37	24	13	172	132	28	24	23	1	44	37	7
Infections of skin and subcutaneous tissue (680-686)	6	6	-	50	42	5	6	6	-	13	12	1
All other diseases of skin and subcutaneous tissue (690-709)	31	18	13	122	90	23	18	17	1	31	25	6
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	108	89	19	668	571	53	135	127	5	71	64	7
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	32	31	1	117	110	6	30	26	2	15	14	1
Other arthropathies and related disorders (710-712,715-719)	57	41	16	334	265	35	67	63	3	33	28	5
Dorsopathies (720-724)	1	1	-	28	26	1	4	4	-	3	3	-
Rheumatism, excluding the back (725-729)	2	2	-	56	47	5	9	9	-	4	4	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	16	14	2	133	123	6	25	25	-	16	15	1
XIV. Congenital anomalies (740-759)	125	96	29	1,712	1,430	162	170	156	9	120	101	15
Spina bifida (741)	-	-	-	29	25	3	2	2	-	1	1	-
All other congenital anomalies of nervous system (740,742)	21	15	6	257	212	26	25	22	2	13	11	1
Congenital anomalies of heart (745-746)	40	31	9	569	473	60	58	52	4	46	39	6
Other congenital anomalies of circulatory system (747)	8	5	3	163	134	13	16	16	-	9	8	-
All other congenital anomalies (743-744,748-759)	56	45	11	694	586	60	69	64	3	51	42	8

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Arkansas			California			Colorado			Connecticut		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	132	77	55	2,071	1,543	422	186	152	28	218	144	70
Birth trauma (767)	1	1	-	21	18	3	1	1	-	2	1	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	47	27	20	468	360	85	29	22	5	34	24	9
Other conditions originating in the perinatal period (760-766,770-779)	84	49	35	1,582	1,165	334	156	129	23	182	119	60
XVI. Symptoms, signs, and ill-defined conditions (780-799)	638	475	163	1,989	1,577	276	186	172	12	386	308	69
Senility without mention of psychosis (797)	4	3	1	4	4	-	7	7	-	7	6	1
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	634	472	162	1,985	1,573	276	179	165	12	379	302	68
Supplementary classification of external causes of injury and poisoning (E800-E999)	1,754	1,372	373	17,837	14,711	2,141	1,883	1,776	81	1,441	1,268	160
Accidents and adverse effects (E800-E949)	1,184	963	215	10,172	8,696	861	1,128	1,077	37	954	875	70
Transport accidents (E800-E848)	677	570	103	5,813	5,006	399	610	578	22	444	409	29
Railway accidents (E800-E807)	8	3	5	86	80	5	4	3	1	2	2	-
Motor vehicle accidents (E810-E825)	633	535	94	5,454	4,669	388	574	543	21	419	385	28
Motor vehicle traffic accidents (E810-E819)	621	524	93	5,314	4,546	380	552	521	21	412	379	27
Involving collision with train (E810)	20	17	3	37	23	4	8	7	-	4	4	-
Involving collision with another motor vehicle (E811-E812)	204	181	20	2,050	1,788	116	226	215	8	126	114	8
Involving collision with pedestrian (E814)	65	44	21	977	794	113	51	48	1	73	67	6
Involving collision with other vehicle or object (E813,E815)	54	45	8	863	729	67	117	110	4	93	87	6
Not involving collision on highway (E816-E818)	139	111	28	1,205	1,061	71	138	131	6	33	31	2
Motor vehicle traffic accident of unspecified nature (E819)	139	126	13	182	151	9	12	10	2	83	76	5
Motor vehicle nontraffic accidents (E820-E825)	12	11	1	140	123	8	22	22	-	7	6	1
Other road vehicle accidents (E826-E829)	2	2	-	32	31	-	7	7	-	6	6	-
Water transport accidents (E830-E838)	17	13	4	71	63	4	8	8	-	7	6	1
Air and space transport accidents (E840-E845)	16	16	-	165	158	2	17	17	-	9	9	-
Vehicle accidents not elsewhere classifiable (E846-E848)	1	1	-	5	5	-	-	-	-	1	1	-
Accidental poisoning (E850-E869)	22	20	2	1,286	1,082	172	79	74	4	38	31	7
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	10	8	2	1,184	992	165	47	45	1	24	20	4
Accidental poisoning by other solid or liquid substances (E860-E866)	4	4	-	58	54	4	16	14	2	5	4	1
Accidental poisoning by gases and vapors (E867-E869)	8	8	-	44	36	3	16	15	1	9	7	2
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	30	24	6	197	173	16	27	26	1	38	35	2
Accidental falls (E880-E888)	114	104	10	1,015	895	72	202	199	2	188	178	9
Fall from one level to another (E880-E884)	24	22	2	275	245	21	55	54	-	40	37	3
Fall on same level (E885-E886)	3	2	1	44	41	-	13	13	-	6	5	1
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	87	80	7	696	609	51	134	132	2	142	136	5
Accidents caused by fire and flames (E890-E899)	55	33	21	307	232	60	24	24	-	36	33	3
Other accidents, including late effects (E900-E929)	284	211	72	1,548	1,302	142	186	176	8	206	185	20
Lightning (E907)	1	1	-	3	3	-	6	6	-	1	1	-
Accidental drowning and submersion (E910)	51	33	18	491	386	49	35	33	1	43	38	5
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	47	34	13	198	174	14	33	32	1	50	46	4
Accident caused by handgun (E922.0)	12	9	3	55	43	10	3	3	-	-	-	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	35	26	9	69	51	12	9	8	1	18	16	1
Accident caused by explosive material (E923)	3	2	1	19	19	-	3	3	-	1	1	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	1	1	-	9	7	1	2	2	-	2	1	1
Accident caused by electric current (E925)	10	9	1	61	57	3	6	6	-	3	3	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	124	96	27	643	562	53	89	83	5	88	79	9
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	2	1	1	6	6	-	-	-	-	4	4	-
Suicide (E950-E959)	293	274	18	3,708	3,368	151	554	536	13	299	284	12
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	10	10	-	497	462	17	59	56	3	25	24	-
Suicide by other solid or liquid substances (E950.6-E950.9)	1	1	-	16	14	2	7	7	-	-	-	-
Suicide by gases and vapors (E951-E952)	14	14	-	173	165	2	85	84	1	46	45	1
Suicide by hanging, strangulation, and suffocation (E953)	29	26	3	633	537	21	68	66	1	80	74	6
Suicide by handgun (E955.0)	61	56	5	823	769	27	55	54	1	3	3	-
Suicide by all other and unspecified firearms (E955.1-E955.4)	167	157	9	1,256	1,146	62	262	252	6	121	116	4
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	11	10	1	310	275	20	18	17	1	24	22	1
Homicide and legal intervention (E960-E978)	258	119	137	3,759	2,485	1,106	156	121	30	171	95	75
Assault by handgun (E965.0)	95	33	62	398	270	106	7	6	1	-	-	-
Assault by all other and unspecified firearms (E965.1-E965.4)	87	52	33	2,141	1,326	714	71	57	13	115	56	58
Assault by cutting and piercing instrument (E966)	40	15	25	580	429	137	31	20	7	26	15	11
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	31	15	16	573	410	134	38	32	6	30	24	6
Legal execution (E978)	1	1	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	4	3	1	67	50	15	9	6	3	-	-	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	19	16	3	197	161	23	44	41	1	17	14	3
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	5	5	-	71	65	5	24	23	-	10	9	1
From poisoning by other solid or liquid substances (E980.6-E980.9)	-	-	-	3	2	-	1	1	-	1	-	1
From injury by handgun (E985.0)	1	-	1	10	8	1	1	1	-	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	5	5	-	11	8	1	5	5	-	1	1	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	8	6	2	102	78	16	13	11	1	5	4	1
Injury resulting from operations of war (E990-E999)	-	-	-	1	1	-	1	1	-	-	-	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Delaware			District of Columbia			Florida			Georgia		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	5,764	4,783	954	7,313	1,718	5,553	134,385	119,380	14,688	51,810	37,063	14,586
I. Infectious and parasitic diseases (001-139)	137	95	42	629	167	460	3,721	2,521	1,188	1,682	928	751
Intestinal infectious diseases (001-009)	–	–	–	3	–	3	34	20	14	9	8	1
Cholera and typhoid and paratyphoid fevers (001-002)	–	–	–	–	–	–	1	1	–	–	–	–
Shigellosis (004)	–	–	–	–	–	–	–	–	–	–	–	–
Other salmonella infections and other food poisoning (bacterial) (003,005)	–	–	–	–	–	–	6	5	1	1	1	–
Amebiasis (006)	–	–	–	–	–	–	–	–	–	1	1	–
Intestinal infections due to other specified organisms (007-008)	–	–	–	1	–	1	8	6	2	1	–	1
Ill-defined intestinal infections (009)	–	–	–	2	–	2	19	8	11	6	6	–
Tuberculosis (010-018)	4	1	3	12	–	12	137	79	56	63	25	38
Tuberculosis of respiratory system (010-012)	4	1	3	10	–	10	121	72	47	47	22	25
Other tuberculosis (013-018)	–	–	–	2	–	2	16	7	9	16	3	13
Zoonotic and other bacterial diseases (020-041)	63	53	10	155	24	131	805	688	116	623	374	246
Brucellosis (023)	–	–	–	–	–	–	–	–	–	–	–	–
Diphtheria (032)	–	–	–	–	–	–	1	–	1	–	–	–
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	–	–	–	–	–	–	–	–	–	2	2	–
Meningococcal infection (036)	–	–	–	1	–	1	12	5	7	8	4	4
Tetanus (037)	–	–	–	–	–	–	2	2	–	1	1	–
Septicemia (038)	61	51	10	148	23	125	719	618	101	576	339	234
All other bacterial diseases (020-022,024-031,039-041)	2	2	–	6	1	5	71	63	7	36	28	8
Viral diseases (*042-*044,045-079)	59	35	24	427	138	287	2,478	1,554	916	892	469	423
Acute poliomyelitis (045)	–	–	–	–	–	–	–	–	–	–	–	–
Smallpox (050)	–	–	–	–	–	–	–	–	–	–	–	–
Measles (055)	–	–	–	–	–	–	2	2	–	–	–	–
Rubella (056)	–	–	–	–	–	–	–	–	–	–	–	–
Arthropod-borne encephalitis (062-064)	–	–	–	–	–	–	11	6	5	–	–	–
Viral hepatitis (070)	2	1	1	7	2	4	112	98	12	43	31	12
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	57	34	23	420	136	283	2,353	1,448	899	849	438	411
Rickettsioses and other arthropod-borne diseases (080-088)	–	–	–	–	–	–	–	–	–	2	1	1
Typhus and other rickettsioses (080-083)	–	–	–	–	–	–	–	–	–	2	1	1
Malaria (084)	–	–	–	–	–	–	–	–	–	–	–	–
All other arthropod-borne diseases (085-088)	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis and other venereal diseases (090-099)	–	–	–	1	–	1	16	1	15	6	–	6
Syphilis (090-097)	–	–	–	1	–	1	15	1	14	6	–	6
Cardiovascular syphilis (093)	–	–	–	–	–	–	1	–	1	1	–	1
Neurosyphilis (094)	–	–	–	1	–	1	5	–	5	4	–	4
All other syphilis (090-091,095-097)	–	–	–	–	–	–	9	1	8	1	–	1
Gonococcal infections (098)	–	–	–	–	–	–	–	–	–	–	–	–
Other venereal diseases (099)	–	–	–	–	–	–	1	–	1	–	–	–
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	11	6	5	31	5	26	251	179	71	87	51	36
Mycoses (110-118)	6	3	3	16	4	12	125	93	31	53	35	18
Helminthiases (120-129)	–	–	–	–	–	–	2	2	–	–	–	–
Late effects of tuberculosis (137)	–	–	–	1	–	1	13	12	1	1	1	–
Late effects of acute poliomyelitis (138)	2	2	–	–	–	–	13	12	1	–	–	–
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	3	1	2	14	1	13	98	60	38	33	15	18
II. Neoplasms (140-239)	1,522	1,261	255	1,570	393	1,165	34,245	31,039	3,128	11,237	8,358	2,847
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1,501	1,245	250	1,547	390	1,145	33,864	30,698	3,088	11,035	8,215	2,788
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	33	22	11	39	4	35	654	553	98	195	127	66
Of lip (140)	1	–	1	–	–	–	6	6	–	3	3	–
Of tongue (141)	7	6	1	7	–	7	145	122	22	34	24	10
Of pharynx (146-149.0)	17	11	6	22	2	20	312	263	48	110	66	42
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	8	5	3	10	2	8	191	162	28	48	34	14
Malignant neoplasms of digestive organs and peritoneum (150-159)	338	285	52	429	92	331	7,923	7,135	770	2,393	1,627	746
Of esophagus (150)	41	33	8	63	11	51	654	539	114	245	124	121
Of stomach (151)	20	15	5	46	7	39	918	766	149	299	173	122
Of small intestine, including duodenum (152)	1	1	–	5	2	3	60	54	6	12	5	6
Of colon (153)	142	124	17	160	37	121	3,218	2,979	233	905	668	233
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	1	1	–	1	–	1	18	14	4	1	1	–
Descending colon (153.2)	–	–	–	–	–	–	12	11	1	2	2	–
Sigmoid colon (153.3)	7	6	1	–	–	–	57	51	6	7	5	2
Cecum, appendix, and ascending colon (153.4-153.6)	5	5	–	4	2	2	109	97	12	26	17	8
Other and colon, unspecified (153.8-153.9)	129	112	16	155	35	118	3,022	2,806	210	869	643	223
Of rectum, rectosigmoid junction, and anus (154)	35	30	5	18	3	15	466	423	43	141	98	43
Of liver and intrahepatic bile ducts (155)	26	22	4	40	8	31	572	514	53	188	123	58
Liver, primary (155.0)	16	14	2	18	5	13	253	225	25	68	41	23
Intrahepatic bile ducts (155.1)	3	3	–	4	1	3	108	99	7	27	18	9
Liver, not specified as primary or secondary (155.2)	7	5	2	18	2	15	211	190	21	93	64	26
Of gallbladder and extrahepatic bile ducts (156)	7	4	3	8	2	6	201	189	11	51	39	9
Of pancreas (157)	58	49	9	86	20	64	1,688	1,533	153	511	370	140
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	8	7	1	3	2	1	146	138	8	41	27	14
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	467	389	76	382	108	273	10,651	9,813	819	3,514	2,780	730
Of larynx (161)	12	10	2	23	6	17	271	228	43	94	62	32
Of trachea, bronchus, and lung (162)	452	378	72	352	100	251	10,264	9,476	770	3,388	2,694	690
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	3	1	2	7	2	5	116	109	6	32	24	8

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Delaware			District of Columbia			Florida			Georgia		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	186	163	22	170	48	119	3,548	3,224	319	1,165	912	252
Of bone and articular cartilage (170)	5	4	-	5	1	4	64	57	7	24	16	8
Of connective and other soft tissue (171)	8	5	3	5	1	4	142	127	15	70	54	16
Melanoma of skin (172)	23	23	-	7	5	2	460	452	8	142	130	12
Other malignant neoplasms of skin (173)	5	5	-	7	3	4	166	148	18	40	27	13
Of female breast (174)	144	125	19	146	38	105	2,703	2,427	271	883	681	201
Of male breast (175)	1	1	-	-	-	-	13	13	-	6	4	2
Malignant neoplasms of genital organs (179-187)	157	116	41	177	46	131	4,042	3,539	489	1,252	850	401
Of cervix uteri (180)	17	11	6	12	2	10	270	207	59	95	61	34
Of other parts of uterus (179,181-182)	14	10	4	23	9	14	380	328	51	109	70	39
Of ovary and other uterine adnexa (183)	29	22	7	28	9	19	824	771	52	258	216	41
Of other and unspecified female genital organs (184)	4	4	-	3	1	2	78	65	13	30	22	8
Of prostate (185)	92	69	23	111	25	86	2,452	2,133	312	752	474	278
Of testis (186)	-	-	-	-	-	-	19	19	-	5	5	-
Of penis and other male genital organs (187)	1	-	1	-	-	-	19	16	2	3	2	1
Malignant neoplasms of urinary organs (188-189)	55	42	13	65	10	54	1,432	1,324	106	404	317	85
Of bladder (188)	31	24	7	36	8	27	764	714	50	181	138	43
Of kidney and other and unspecified urinary organs (189)	24	18	6	29	2	27	668	610	56	223	179	42
Malignant neoplasms of other and unspecified sites (190-199)	128	112	16	154	35	119	2,591	2,362	223	1,158	865	293
Of eye (190)	-	-	-	-	-	-	39	38	1	5	3	2
Of brain (191)	32	30	2	20	7	13	761	725	35	238	205	33
Of other and unspecified parts of nervous system (192)	-	-	-	-	-	-	17	16	1	6	5	1
Of thyroid gland and other endocrine glands and related structures (193-194)	6	5	1	3	-	3	119	110	9	29	23	6
Of all other and unspecified sites (195-199)	90	77	13	131	28	103	1,655	1,473	177	880	629	251
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	137	116	19	131	47	83	3,023	2,748	264	954	737	215
Lymphosarcoma and reticulosarcoma (200)	10	10	-	5	3	2	126	119	6	23	22	1
Hodgkin's disease (201)	6	6	-	7	1	6	81	72	9	36	33	3
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	48	40	8	42	17	25	1,106	1,043	59	292	243	48
Multiple myeloma and immunoproliferative neoplasms (203)	22	14	7	34	7	27	567	479	85	205	134	71
Leukemia (204-208)	51	46	4	43	19	23	1,143	1,035	105	398	305	92
Lymphoid leukemia (204)	15	15	-	13	6	6	315	273	42	104	80	24
Myeloid leukemia (205)	20	17	3	20	6	14	514	471	40	172	134	37
Monocytic leukemia (206)	-	-	-	-	-	-	19	19	-	4	2	2
Other and unspecified leukemia (207-208)	16	14	1	10	7	3	295	272	23	118	89	29
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	21	16	5	23	3	20	381	341	40	202	143	59
Benign neoplasms (210-229)	3	1	2	5	2	3	101	84	17	40	26	14
Of female genital organs (218-221)	-	-	-	-	-	-	4	2	2	1	-	1
Of eye, brain, and other parts of nervous system (224-225)	2	1	1	1	-	1	62	55	7	27	18	9
Of all other and unspecified sites (210-217,222-223,226-229)	1	-	1	4	2	2	35	27	8	12	8	4
Carcinoma in situ (230-234)	-	-	-	-	-	-	2	2	-	-	-	-
Of breast and genitourinary system (233)	-	-	-	-	-	-	1	1	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	1	1	-	-	-	-
Neoplasms of uncertain behavior (235-238)	7	4	3	6	1	5	129	115	14	32	21	11
Neoplasms of unspecified nature (239)	11	11	-	12	-	12	149	140	9	130	96	34
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	244	183	59	255	44	209	3,878	3,199	664	1,429	891	536
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	236	175	59	250	43	205	3,724	3,070	640	1,337	829	506
Disorders of thyroid gland (240-246)	5	5	-	5	2	3	67	62	5	15	11	4
Diabetes mellitus (250)	192	142	48	196	34	160	2,962	2,445	507	1,006	618	387
Disorders of the pituitary gland and its hypothalamic control (253)	-	-	-	1	1	-	17	12	5	5	3	2
Diseases of thymus gland (254)	-	-	-	1	-	1	-	-	-	-	-	-
Disorders of adrenal glands (255)	1	1	-	-	-	-	11	11	-	8	6	2
Cystic fibrosis (277.0)	1	1	-	-	-	-	35	34	1	10	9	1
Obesity (278.0)	2	1	1	3	-	3	67	44	23	34	18	16
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	35	25	10	44	6	38	565	462	99	259	164	94
Nutritional deficiencies (260-269)	8	8	-	5	1	4	154	129	24	92	62	30
Nutritional marasmus (261)	1	1	-	1	-	1	13	12	1	5	2	3
Other protein-calorie malnutrition (262-263)	7	7	-	4	1	3	127	103	23	80	54	26
All other nutritional deficiencies (260,264-269)	-	-	-	-	-	-	14	14	-	7	6	1
IV. Diseases of blood and blood-forming organs (280-289)	30	20	10	36	8	28	540	441	99	199	124	72
Anemias (280-285)	17	9	8	17	6	11	243	180	63	98	53	43
Deficiency anemias (280-281)	-	-	-	2	1	1	14	11	3	8	5	3
Hemolytic anemias (282-283)	6	1	5	5	-	5	53	14	39	31	6	24
Aplastic anemia (284)	4	4	-	4	1	3	81	76	5	22	17	4
Other and unspecified anemias (285)	7	4	3	6	4	2	95	79	16	37	25	12
Purpura and other hemorrhagic conditions (287)	-	-	-	2	-	2	49	40	9	6	5	1
All other diseases of blood and blood-forming organs (286,288-289)	13	11	2	17	2	15	248	221	27	95	66	28
V. Mental disorders (290-319)	61	54	7	81	21	60	1,539	1,322	213	753	483	270
Senile and presenile organic psychotic conditions (290)	17	16	1	21	10	11	452	410	42	172	148	24
Alcoholic psychoses (291)	4	3	1	-	-	-	19	14	5	22	10	12
All other psychoses (292-299)	24	21	3	15	4	11	187	168	18	133	106	27
Alcohol dependence syndrome (303)	4	4	-	25	1	24	410	305	103	280	113	167
Drug dependence (304)	-	-	-	6	1	5	5	3	2	1	1	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	10	8	2	14	5	9	448	406	41	138	99	39
Mental retardation (317-319)	2	2	-	-	-	-	18	16	2	7	6	1

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Delaware			District of Columbia			Florida			Georgia		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	108	96	12	96	38	58	2,404	2,203	201	948	744	201
Diseases of the nervous system (320-359)	107	95	12	96	38	58	2,394	2,195	199	942	743	196
Meningitis (320-322)	2	-	2	4	-	4	51	31	20	34	12	22
Parkinson's disease (332)	20	20	-	8	7	1	501	493	8	111	99	12
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	56	50	6	42	23	19	1,217	1,160	57	495	432	62
Multiple sclerosis (340)	7	7	-	5	2	3	60	53	7	28	22	6
Infantile cerebral palsy (343)	1	1	-	2	1	1	43	26	17	25	14	11
Epilepsy (345)	6	3	3	10	3	7	111	79	32	51	29	22
Other diseases of the nervous system (323-326,341-342,344,346-359)	15	14	1	25	2	23	411	353	58	198	135	61
Disorders of the eye and adnexa (360-379)	-	-	-	-	-	-	3	2	1	3	-	3
Diseases of the ear and mastoid process (380-389)	1	1	-	-	-	-	7	6	1	3	1	2
VII. Diseases of the circulatory system (390-459)	2,355	2,000	343	2,429	640	1,775	57,999	52,882	5,018	21,465	15,782	5,639
Rheumatic fever and rheumatic heart disease (390-398)	12	11	1	11	6	5	409	379	29	80	68	12
Acute rheumatic fever (390-392)	-	-	-	1	1	-	1	-	1	3	2	1
Chronic rheumatic heart disease (393-398)	12	11	1	10	5	5	408	379	28	77	66	11
Diseases of mitral valve (394)	5	5	-	8	4	4	186	174	12	41	37	4
Diseases of aortic valve (395)	1	1	-	-	-	-	13	13	-	1	-	1
Diseases of mitral and aortic valves (396)	4	4	-	1	-	1	86	81	5	7	6	1
All other chronic rheumatic heart disease (393,397-398)	2	1	1	1	1	-	123	111	11	28	23	5
Hypertensive disease (401-404)	103	70	33	281	47	234	2,420	1,874	542	889	430	455
Essential hypertension (401)	4	3	1	26	5	21	297	232	64	161	78	82
Hypertensive heart disease (402)	73	49	24	230	38	192	1,585	1,231	352	551	276	273
Hypertensive renal disease (403)	16	11	5	16	2	14	385	298	86	113	47	65
Hypertensive heart and renal disease (404)	10	7	3	9	2	7	153	113	40	64	29	35
Ischemic heart disease (410-414)	1,117	973	139	721	239	479	33,072	30,922	2,101	9,714	7,747	1,946
Acute myocardial infarction (410)	632	549	79	333	103	230	13,929	13,069	837	5,690	4,459	1,219
Other acute and subacute forms of ischemic heart disease (411)	6	6	-	2	2	-	112	101	11	91	69	22
Angina pectoris (413)	1	-	1	2	-	2	50	45	5	34	31	3
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	478	418	59	384	134	247	18,981	17,707	1,248	3,899	3,188	702
Diseases of pulmonary circulation (415-417)	28	23	5	72	17	54	539	453	85	351	220	131
Other forms of heart disease (420-429)	654	550	100	844	172	668	10,084	9,005	1,062	5,579	3,895	1,672
Acute and subacute endocarditis (421)	4	3	1	3	-	3	66	52	14	24	14	10
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	-	-	-	1	-	1	55	46	9	29	18	11
Other diseases of endocardium (424)	35	31	3	30	12	18	896	835	61	268	215	53
Mitral valve disorders (424.0)	8	7	-	5	2	3	149	136	13	37	30	7
Aortic valve disorders (424.1)	25	22	3	19	9	10	556	530	26	164	134	30
All other diseases of endocardium (424.2-424.9)	2	2	-	6	1	5	191	169	22	67	51	16
Heart failure (428)	96	83	13	101	32	68	815	729	86	1,042	790	251
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	3	2	1	1	1	-	30	24	6	17	8	9
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	516	431	82	708	127	578	8,222	7,319	886	4,199	2,850	1,338
Cerebrovascular diseases (430-438)	324	267	54	374	120	249	8,498	7,498	976	3,821	2,647	1,169
Subarachnoid hemorrhage (430)	18	14	3	36	5	31	437	384	48	188	128	60
Intracerebral and other intracranial hemorrhage (431-432)	43	30	13	87	23	62	1,331	1,116	207	564	359	203
Occlusion and stenosis of precerebral arteries (433)	4	4	-	3	2	1	79	73	5	38	27	11
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	45	36	9	36	11	24	1,324	1,163	156	450	331	119
Cerebral embolism (434.1)	1	1	-	1	-	1	38	37	1	16	15	1
Acute but ill-defined cerebrovascular disease (436)	173	148	24	176	66	108	4,370	3,905	460	2,212	1,537	673
Other and late effects of cerebrovascular diseases (435,437-438)	40	34	5	35	13	22	919	820	99	353	250	102
Diseases of arteries, arterioles, and capillaries (440-448)	106	96	10	102	35	67	2,764	2,577	187	926	709	215
Atherosclerosis (440)	32	30	2	57	26	31	1,127	1,038	89	425	315	110
Aortic aneurysm (441)	44	44	-	23	4	19	1,146	1,088	58	314	267	46
All other diseases of arteries, arterioles, and capillaries (442-448)	30	22	8	22	5	17	491	451	40	187	127	59
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	11	10	1	24	4	19	213	174	36	105	66	39
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	9	8	1	10	3	7	90	71	18	37	24	13
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	2	2	-	14	1	12	123	103	18	68	42	26
VIII. Diseases of the respiratory system (460-519)	455	397	56	460	154	303	10,840	10,009	813	4,360	3,507	847
Diseases of the upper respiratory tract (460-465,470-478)	-	-	-	1	-	1	36	34	2	13	7	6
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	15	14	1	6	4	2
Other diseases of upper respiratory tract (470-478)	-	-	-	1	-	1	21	20	1	7	3	4
Other diseases of the respiratory system (466,480-519)	455	397	56	459	154	302	10,804	9,975	811	4,347	3,500	841
Acute bronchitis and bronchiolitis (466)	-	-	-	2	1	1	34	32	2	11	9	2
Pneumonia (480-486)	164	143	21	207	63	142	3,459	3,123	326	1,747	1,334	411
Viral pneumonia (480)	1	1	-	-	-	-	59	51	8	20	12	7
Pneumococcal and other bacterial pneumonia (481-482)	13	9	4	15	4	11	405	352	53	114	82	32
Bronchopneumonia, organism unspecified (485)	1	1	-	21	5	16	394	351	41	83	67	16
Pneumonia due to other and unspecified organism (483,486)	149	132	17	171	54	115	2,601	2,369	224	1,530	1,173	356
Influenza (487)	2	2	-	2	1	1	40	38	2	49	47	2
Chronic obstructive pulmonary diseases and allied conditions (490-496)	224	197	26	157	64	93	5,685	5,355	325	1,912	1,649	262
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	56	49	7	51	17	34	1,576	1,462	113	542	450	91
Bronchitis, not specified as acute or chronic (490)	-	-	-	2	1	1	27	26	1	20	18	2
Chronic bronchitis (491)	11	10	1	2	1	1	204	191	13	55	54	1
Emphysema (492)	40	35	5	27	11	16	1,124	1,073	50	351	314	37
Asthma (493)	5	4	1	20	4	16	221	172	49	116	64	51
Bronchiectasis and extrinsic allergic alveolitis (494-495)	1	1	-	3	2	1	70	67	3	19	18	1
Chronic airways obstruction, not elsewhere classified (496)	167	147	19	103	45	58	4,039	3,826	209	1,351	1,181	170
Pneumoconioses and other lung diseases due to external agents (500-508)	25	22	3	38	10	28	601	547	52	197	153	44
Empyema and abscess of lung and mediastinum (510,513)	2	2	-	5	1	4	49	37	12	22	13	9
Pleurisy (511)	3	1	1	8	3	4	56	52	4	29	15	14
All other diseases of respiratory system (512,514-519)	35	30	5	40	11	29	880	791	88	380	280	97

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Delaware			District of Columbia			Florida			Georgia		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	199	175	23	380	75	304	4,415	3,977	423	1,841	1,327	508
Diseases of oral cavity, salivary glands, and jaws (520-529)	1	1	-	1	1	-	5	4	1	2	2	-
Diseases of other parts of the digestive system (530-579)	198	174	23	379	74	304	4,410	3,973	422	1,839	1,325	508
Ulcer of stomach and duodenum (531-533)	18	17	1	23	10	13	369	342	26	123	96	27
Gastric ulcer (531)	6	6	-	10	4	6	96	85	11	45	30	15
Duodenal ulcer (532)	4	4	-	11	5	6	112	105	6	24	22	2
Peptic ulcer, site unspecified (533)	8	7	1	2	1	1	161	152	9	54	44	10
Gastritis and duodenitis (535)	1	1	-	1	1	-	40	38	2	20	14	6
Appendicitis (540-543)	1	1	-	-	-	-	18	14	3	16	9	7
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	19	15	4	22	10	12	333	299	34	190	132	58
Regional enteritis and idiopathic proctocolitis (555-556)	1	-	1	2	1	1	42	39	3	6	5	1
All other noninfective gastroenteritis and colitis (557-558)	15	14	1	24	7	17	457	427	29	180	139	40
Diverticula of intestine (562)	9	9	-	7	2	5	203	187	16	61	49	12
Chronic liver disease and cirrhosis (571)	73	63	9	192	24	168	1,696	1,538	148	561	404	155
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	43	37	6	92	12	80	653	572	78	199	124	75
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	-	-	-	3	-	3	63	58	5	23	18	5
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	30	26	3	97	12	85	980	908	65	339	262	75
Cholelithiasis and other disorders of gallbladder (574-575)	2	2	-	10	2	8	173	163	10	71	56	15
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	59	52	7	98	17	80	1,079	926	151	611	421	187
X. Diseases of the genitourinary system (580-629)	125	98	26	184	33	149	1,878	1,593	283	1,107	643	462
Diseases of urinary system (580-599)	120	93	26	180	32	146	1,822	1,545	275	1,082	630	450
Nephritis, nephrotic syndrome, and nephrosis (580-589)	76	56	19	102	17	84	852	693	158	592	323	267
Acute glomerulonephritis (580)	2	1	-	-	-	-	7	7	-	-	-	-
Nephrotic syndrome (581)	1	-	1	1	-	1	16	13	3	4	3	1
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	4	2	2	7	-	7	86	67	19	31	20	10
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	69	53	16	94	17	76	743	606	136	557	300	256
Infections of kidney (590)	3	2	1	2	1	1	66	55	11	38	31	7
Urinary calculus (592,594)	-	-	-	1	-	1	20	19	1	7	6	1
All other diseases of urinary system (591,593,595-599)	41	35	6	75	14	60	884	778	105	445	270	175
Diseases of male genital organs (600-608)	1	1	-	2	1	1	43	36	7	17	10	7
Hyperplasia of prostate (600)	1	1	-	1	1	-	32	29	3	10	6	4
Other diseases of male genital organs (601-608)	-	-	-	1	-	1	11	7	4	7	4	3
Disorders of breast (610-611)	1	1	-	-	-	-	1	1	-	2	-	2
Diseases of female genital organs except breast (614-629)	3	3	-	2	-	2	12	11	1	6	3	3
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	3	-	3	22	9	13	21	4	16
Pregnancy with abortive outcome (630-638)	-	-	-	1	-	1	2	2	-	3	-	3
Ectopic pregnancy (633)	-	-	-	-	-	-	1	1	-	3	-	3
Spontaneous abortion (634)	-	-	-	-	-	-	1	1	-	-	-	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	1	-	1	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	-	-	-	1	-	1	19	7	12	17	4	12
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	-	-	-	1	-	1	4	2	2
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	-	-	-	6	1	5	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	1	-	1	10	6	4	7	1	5
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	-	-	-	2	-	2	6	1	5
Indirect obstetric causes (647-648)	-	-	-	1	-	1	1	-	1	1	-	1
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	11	9	2	19	3	16	216	180	36	163	78	85
Infections of skin and subcutaneous tissue (680-686)	4	3	1	1	-	1	52	44	8	32	21	11
All other diseases of skin and subcutaneous tissue (690-709)	7	6	1	18	3	15	164	136	28	131	57	74
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	26	21	5	29	5	24	459	398	56	173	109	64
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	5	5	-	4	-	4	100	93	6	37	33	4
Other arthropathies and related disorders (710-712,715-719)	13	9	4	14	2	12	224	184	36	80	36	44
Dorsopathies (720-724)	1	1	-	2	1	1	19	16	3	2	-	2
Rheumatism, excluding the back (725-729)	1	1	-	3	-	3	23	19	4	16	7	9
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	6	5	1	6	2	4	93	86	7	38	33	5
XIV. Congenital anomalies (740-759)	31	20	11	29	5	23	678	522	151	394	253	138
Spina bifida (741)	-	-	-	1	-	1	10	7	3	7	5	2
All other congenital anomalies of nervous system (740,742)	2	1	1	5	-	4	89	68	20	60	42	17
Congenital anomalies of heart (745-746)	9	7	2	11	3	8	230	186	42	134	82	51
Other congenital anomalies of circulatory system (747)	2	1	1	3	-	3	75	62	13	33	22	11
All other congenital anomalies (743-744,748-759)	18	11	7	9	2	7	274	199	73	160	102	57

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Delaware			District of Columbia			Florida			Georgia		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	63	30	33	169	16	153	929	525	401	707	283	416
Birth trauma (767)	1	-	1	2	1	1	10	9	1	9	3	6
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	5	3	2	35	2	33	163	102	59	176	80	93
Other conditions originating in the perinatal period (760-766,770-779)	57	27	30	132	13	119	756	414	341	522	200	317
XVI. Symptoms, signs, and ill-defined conditions (780-799)	30	22	8	282	36	243	1,654	1,362	287	650	379	267
Senility without mention of psychosis (797)	4	4	-	2	-	2	220	204	16	115	56	58
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	26	18	8	280	36	241	1,434	1,158	271	535	323	209
Supplementary classification of external causes of injury and poisoning (E800-E999)	367	302	62	662	80	580	8,968	7,198	1,714	4,681	3,170	1,467
Accidents and adverse effects (E800-E949)	243	209	33	199	42	156	5,170	4,352	785	2,874	2,072	777
Transport accidents (E800-E848)	144	124	19	75	18	57	3,067	2,613	429	1,722	1,297	405
Railway accidents (E800-E807)	-	-	-	3	-	3	31	25	5	20	11	9
Motor vehicle accidents (E810-E825)	142	123	18	71	18	53	2,879	2,448	408	1,650	1,238	392
Motor vehicle traffic accidents (E810-E819)	140	122	18	71	18	53	2,814	2,394	397	1,622	1,213	389
Involving collision with train (E810)	-	-	-	-	-	-	32	24	8	15	13	1
Involving collision with another motor vehicle (E811-E812)	56	48	8	15	3	12	1,148	1,026	116	560	438	117
Involving collision with pedestrian (E814)	19	16	3	17	4	13	519	404	111	199	119	76
Involving collision with other vehicle or object (E813,E815)	40	35	5	20	6	14	395	330	58	123	84	38
Not involving collision on highway (E816-E818)	13	11	2	9	2	7	336	289	42	345	256	81
Motor vehicle traffic accident of unspecified nature (E819)	12	12	-	10	3	7	384	321	62	380	303	76
Motor vehicle nontraffic accidents (E820-E825)	2	1	-	-	-	-	65	54	11	28	25	3
Other road vehicle accidents (E826-E829)	-	-	-	-	-	-	12	11	1	3	1	2
Water transport accidents (E830-E838)	2	1	1	1	-	1	85	71	14	24	22	2
Air and space transport accidents (E840-E845)	-	-	-	-	-	-	54	53	-	25	25	-
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	-	-	-	6	5	1	-	-	-
Accidental poisoning (E850-E869)	14	13	1	3	-	3	229	198	30	141	90	49
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	12	11	1	3	-	3	176	149	26	84	53	30
Accidental poisoning by other solid or liquid substances (E860-E866)	1	1	-	-	-	-	28	25	3	29	18	11
Accidental poisoning by gases and vapors (E867-E869)	1	1	-	-	-	-	25	24	1	28	19	8
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	8	7	1	10	1	9	119	105	14	78	55	23
Accidental falls (E880-E888)	26	23	3	43	9	33	622	571	50	293	236	56
Fall from one level to another (E880-E884)	6	5	1	17	3	13	113	98	14	80	63	16
Fall on same level (E885-E886)	4	3	1	1	1	-	42	42	-	9	9	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	16	15	1	25	5	20	467	431	36	204	164	40
Accidents caused by fire and flames (E890-E899)	9	8	1	13	3	10	209	142	65	149	75	74
Other accidents, including late effects (E900-E929)	40	32	8	54	11	43	915	716	195	485	315	168
Lightning (E907)	-	-	-	-	-	-	17	11	6	3	-	3
Accidental drowning and submersion (E910)	13	9	4	6	3	3	350	253	93	125	76	48
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	9	8	1	18	4	14	169	146	23	98	65	33
Accident caused by handgun (E922.0)	1	-	1	-	-	-	1	1	-	3	2	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	2	2	-	2	-	2	33	29	4	45	31	14
Accident caused by explosive material (E923)	-	-	-	-	-	-	6	4	2	6	3	3
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	-	-	-	1	-	1	7	6	1	8	4	4
Accident caused by electric current (E925)	2	2	-	-	-	-	44	39	5	18	18	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	13	11	2	27	4	23	288	227	61	179	116	63
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	2	2	-	1	-	1	9	7	2	6	4	2
Suicide (E950-E959)	80	72	6	37	14	23	2,086	1,960	118	880	742	127
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	10	10	-	-	-	-	238	226	12	46	41	5
Suicide by other solid or liquid substances (E950.6-E950.9)	4	3	-	1	-	1	19	14	5	6	6	-
Suicide by gases and vapors (E951-E952)	9	9	-	1	1	-	124	123	1	39	37	1
Suicide by hanging, strangulation, and suffocation (E953)	13	11	2	13	6	7	229	212	14	102	79	19
Suicide by handgun (E955.0)	2	2	-	-	-	-	68	66	1	34	28	6
Suicide by all other and unspecified firearms (E955.1-E955.4)	35	31	3	13	2	11	1,241	1,166	72	626	530	92
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	7	6	1	9	5	4	167	153	13	27	21	4
Homicide and legal intervention (E960-E978)	39	17	22	403	22	380	1,598	791	793	844	299	537
Assault by handgun (E965.0)	-	-	-	-	-	-	2	1	1	8	5	3
Assault by all other and unspecified firearms (E965.1-E965.4)	19	8	11	313	10	303	1,039	466	566	535	192	337
Assault by cutting and piercing instrument (E966)	10	2	8	52	5	47	237	118	115	147	34	113
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	10	7	3	33	7	25	305	197	105	151	67	82
Legal execution (E978)	-	-	-	-	-	-	4	2	2	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	-	-	-	5	-	5	11	7	4	3	1	2
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	5	4	1	23	2	21	112	93	18	83	57	26
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	2	1	1	11	1	10	24	19	5	21	16	5
From poisoning by other solid or liquid substances (E980.6-E980.9)	1	1	-	-	-	-	4	4	-	2	1	1
From injury by handgun (E985.0)	-	-	-	-	-	-	-	-	-	4	1	3
From injury by all other and unspecified firearms (E985.1-E985.4)	-	-	-	3	1	2	17	16	1	26	24	2
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	2	2	-	9	-	9	67	54	12	30	15	15
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	2	2	-	-	-	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Hawaii			Idaho			Illinois			Indiana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	6,782	2,015	48	7,452	7,364	8	103,006	86,406	16,051	49,569	45,756	3,743
I. Infectious and parasitic diseases (001-139)	177	77	6	88	86	-	2,337	1,667	652	852	732	119
Intestinal infectious diseases (001-009)	-	-	-	2	1	-	25	21	4	6	5	1
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	1	1	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	-	-	-	-	-	-	3	1	2	-	-	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	-	-	-	1	1	-	10	10	-	5	4	1
Ill-defined intestinal infections (009)	-	-	-	1	-	-	11	9	2	1	1	-
Tuberculosis (010-018)	3	-	-	2	2	-	85	36	45	19	17	2
Tuberculosis of respiratory system (010-012)	3	-	-	-	-	-	63	29	31	17	15	2
Other tuberculosis (013-018)	-	-	-	2	2	-	22	7	14	2	2	-
Zoonotic and other bacterial diseases (020-041)	78	18	-	52	52	-	1,109	878	224	492	429	63
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	2	2	-	10	6	4	2	2	-
Tetanus (037)	-	-	-	-	-	-	1	1	-	-	-	-
Septicemia (038)	67	15	-	46	46	-	1,068	850	211	472	410	62
All other bacterial diseases (020-022,024-031,039-041)	11	3	-	4	4	-	30	21	9	18	17	1
Viral diseases (*042-*044,045-079)	83	56	6	28	27	-	918	603	310	248	205	42
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	1	-	1	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	8	2	-	5	5	-	50	39	10	42	37	4
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	75	54	6	23	22	-	867	564	299	206	168	38
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	-	-	-	1	1	-	6	4	2	1	1	-
Syphilis (090-097)	-	-	-	1	1	-	5	3	2	1	1	-
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	-	-	-	1	1	-	1	1	-	-	-	-
All other syphilis (090-091,095-097)	-	-	-	-	-	-	4	2	2	1	1	-
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	1	1	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	13	3	-	3	3	-	194	125	67	86	75	11
Mycoses (110-118)	9	1	-	1	1	-	107	74	33	45	40	5
Helminthiases (120-129)	-	-	-	-	-	-	1	1	-	4	4	-
Late effects of tuberculosis (137)	1	-	-	-	-	-	8	6	-	5	4	1
Late effects of acute poliomyelitis (138)	1	1	-	-	-	-	8	8	-	2	2	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	2	1	-	2	2	-	70	36	34	30	25	5
II. Neoplasms (140-239)	1,667	508	14	1,761	1,747	1	24,744	21,018	3,585	11,819	10,861	934
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1,655	504	14	1,738	1,724	1	24,439	20,761	3,539	11,662	10,718	921
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	46	13	3	31	29	-	427	325	101	159	139	18
Of lip (140)	-	-	-	-	-	-	4	4	-	1	1	-
Of tongue (141)	8	2	-	8	8	-	103	76	27	38	31	7
Of pharynx (146-149.0)	29	8	3	13	11	-	206	153	52	65	58	5
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	9	3	-	10	10	-	114	92	22	55	49	6
Malignant neoplasms of digestive organs and peritoneum (150-159)	533	133	4	384	381	-	6,181	5,160	960	2,692	2,449	236
Of esophagus (150)	38	9	-	25	25	-	479	340	134	242	210	32
Of stomach (151)	117	19	-	36	36	-	688	546	128	227	193	33
Of small intestine, including duodenum (152)	-	-	-	1	1	-	48	39	9	19	15	4
Of colon (153)	146	43	2	154	152	-	2,594	2,221	359	1,188	1,088	99
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	-	-	-	-	-	-	14	13	1	4	2	2
Descending colon (153.2)	-	-	-	-	-	-	8	7	1	6	3	3
Sigmoid colon (153.3)	2	-	-	-	-	-	61	54	7	28	28	-
Cecum, appendix, and ascending colon (153.4-153.6)	5	1	-	8	8	-	76	71	5	31	30	1
Other and colon, unspecified (153.8-153.9)	139	42	2	146	144	-	2,435	2,076	345	1,119	1,025	93
Of rectum, rectosigmoid junction, and anus (154)	32	6	-	25	25	-	396	337	56	155	147	8
Of liver and intrahepatic bile ducts (155)	72	12	-	22	22	-	451	364	72	167	149	16
Liver, primary (155.0)	43	7	-	10	10	-	204	157	36	84	78	6
Intrahepatic bile ducts (155.1)	9	3	-	4	4	-	60	57	2	21	19	1
Liver, not specified as primary or secondary (155.2)	20	2	-	8	8	-	187	150	34	62	52	9
Of gallbladder and extrahepatic bile ducts (156)	11	2	-	12	12	-	198	181	16	80	72	5
Of pancreas (157)	106	36	2	100	99	-	1,237	1,054	174	561	524	37
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	11	6	-	9	9	-	90	78	12	53	51	2
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	415	124	3	423	420	-	6,747	5,673	1,037	3,598	3,297	295
Of larynx (161)	14	5	1	11	11	-	180	138	42	80	71	9
Of trachea, bronchus, and lung (162)	395	118	2	408	405	-	6,508	5,484	987	3,493	3,203	284
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	6	1	-	4	4	-	59	51	8	25	23	2

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Hawaii			Idaho			Illinois			Indiana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	155	65	1	211	209	1	2,715	2,376	334	1,257	1,169	85
Of bone and articular cartilage (170)	4	1	-	3	3	-	38	34	3	26	21	5
Of connective and other soft tissue (171)	11	2	-	12	12	-	142	122	20	68	62	6
Melanoma of skin (172)	15	11	-	26	26	-	253	248	5	141	141	-
Other malignant neoplasms of skin (173)	6	4	-	9	9	-	88	69	18	34	32	2
Of female breast (174)	119	47	1	159	157	1	2,182	1,893	286	980	906	71
Of male breast (175)	-	-	-	2	2	-	12	10	2	8	7	1
Malignant neoplasms of genital organs (179-187)	164	50	-	251	249	-	2,786	2,327	450	1,248	1,130	116
Of cervix uteri (180)	13	4	-	11	11	-	213	159	51	121	109	11
Of other parts of uterus (179,181-182)	20	5	-	27	27	-	311	263	48	138	133	5
Of ovary and other uterine adnexa (183)	25	9	-	48	48	-	648	590	54	274	264	10
Of other and unspecified female genital organs (184)	2	1	-	4	3	-	52	48	3	28	26	2
Of prostate (185)	103	30	-	157	156	-	1,545	1,252	292	675	589	85
Of testis (186)	1	1	-	3	3	-	11	10	1	8	7	1
Of penis and other male genital organs (187)	-	-	-	1	1	-	6	5	1	4	2	2
Malignant neoplasms of urinary organs (188-189)	49	21	-	70	70	-	1,010	895	112	477	445	31
Of bladder (188)	22	11	-	36	36	-	498	440	56	230	213	17
Of kidney and other and unspecified urinary organs (189)	27	10	-	34	34	-	512	455	56	247	232	14
Malignant neoplasms of other and unspecified sites (190-199)	153	52	1	174	173	-	2,326	2,016	296	1,101	1,019	81
Of eye (190)	-	-	-	-	-	-	11	11	-	3	3	-
Of brain (191)	31	13	-	53	53	-	492	455	34	260	246	13
Of other and unspecified parts of nervous system (192)	1	-	-	1	1	-	13	12	1	5	5	-
Of thyroid gland and other endocrine glands and related structures (193-194)	9	1	-	5	5	-	83	74	7	35	31	4
Of all other and unspecified sites (195-199)	112	38	1	115	114	-	1,727	1,464	254	798	734	64
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	140	46	2	194	193	-	2,247	1,989	249	1,130	1,070	59
Lymphosarcoma and reticulosarcoma (200)	8	2	-	5	5	-	67	61	6	45	44	1
Hodgkin's disease (201)	9	5	-	2	2	-	71	59	12	35	34	1
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	53	16	-	58	57	-	800	733	64	429	414	15
Multiple myeloma and immunoproliferative neoplasms (203)	17	6	1	56	56	-	387	311	76	222	201	21
Leukemia (204-208)	53	17	1	73	73	-	922	825	91	399	377	21
Lymphoid leukemia (204)	11	2	1	24	24	-	294	250	41	131	125	6
Myeloid leukemia (205)	26	10	-	30	30	-	336	305	29	150	143	6
Monocytic leukemia (206)	-	-	-	1	1	-	16	16	-	3	2	1
Other and unspecified leukemia (207-208)	16	5	-	18	18	-	276	254	21	115	107	8
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	12	4	-	23	23	-	305	257	46	157	143	13
Benign neoplasms (210-229)	4	1	-	2	2	-	62	47	15	24	20	4
Of female genital organs (218-221)	-	-	-	-	-	-	2	2	-	1	-	1
Of eye, brain, and other parts of nervous system (224-225)	2	1	-	1	1	-	35	28	7	14	13	1
Of all other and unspecified sites (210-217,222-223,226-229)	2	-	-	1	1	-	25	17	8	9	7	2
Carcinoma in situ (230-234)	-	-	-	-	-	-	1	1	-	-	-	-
Of breast and genitourinary system (233)	-	-	-	-	-	-	1	1	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	2	-	-	9	9	-	84	76	8	27	26	1
Neoplasms of unspecified nature (239)	6	3	-	12	12	-	158	133	23	106	97	8
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	210	40	1	222	219	-	3,039	2,429	588	1,632	1,448	183
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	204	39	1	209	206	-	2,857	2,275	560	1,543	1,365	177
Disorders of thyroid gland (240-246)	-	-	-	2	2	-	52	44	8	29	26	3
Diabetes mellitus (250)	169	30	1	171	169	-	2,260	1,789	453	1,207	1,072	134
Disorders of the pituitary gland and its hypothalamic control (253)	-	-	-	2	2	-	10	9	1	4	3	1
Diseases of thymus gland (254)	1	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	3	-	-	-	-	-	8	7	1	11	10	1
Cystic fibrosis (277.0)	1	1	-	1	1	-	12	11	1	8	8	-
Obesity (278.0)	4	-	-	3	3	-	55	36	19	42	36	6
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	26	8	-	30	29	-	460	379	77	242	210	32
Nutritional deficiencies (260-269)	6	1	-	13	13	-	182	154	28	89	83	6
Nutritional marasmus (261)	2	1	-	1	1	-	15	14	1	3	3	-
Other protein-calorie malnutrition (262-263)	3	-	-	12	12	-	155	130	25	78	73	5
All other nutritional deficiencies (260,264-269)	1	-	-	-	-	-	12	10	2	8	7	1
IV. Diseases of blood and blood-forming organs (280-289)	37	10	-	43	42	-	463	383	79	210	191	19
Anemias (280-285)	11	2	-	21	21	-	211	161	50	87	75	12
Deficiency anemias (280-281)	1	-	-	1	1	-	12	10	2	11	11	-
Hemolytic anemias (282-283)	2	-	-	2	2	-	43	19	24	13	6	7
Aplastic anemia (284)	7	2	-	11	11	-	60	53	7	28	28	-
Other and unspecified anemias (285)	1	-	-	7	7	-	96	79	17	35	30	5
Purpura and other hemorrhagic conditions (287)	5	1	-	3	2	-	34	30	4	19	16	3
All other diseases of blood and blood-forming organs (286,288-289)	21	7	-	19	19	-	218	192	25	104	100	4
V. Mental disorders (290-319)	70	32	-	98	97	-	1,282	1,022	257	546	497	49
Senile and presenile organic psychotic conditions (290)	30	9	-	30	30	-	384	356	26	212	203	9
Alcoholic psychoses (291)	2	2	-	2	2	-	19	16	3	5	4	1
All other psychoses (292-299)	9	5	-	21	21	-	176	149	27	86	76	10
Alcohol dependence syndrome (303)	8	5	-	16	16	-	342	197	144	102	82	20
Drug dependence (304)	-	-	-	-	-	-	23	5	18	3	3	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	19	10	-	25	24	-	312	277	35	129	122	7
Mental retardation (317-319)	2	1	-	4	4	-	26	22	4	9	7	2

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Hawaii			Idaho			Illinois			Indiana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	153	64	1	179	178	-	1,839	1,631	204	958	911	45
Diseases of the nervous system (320-359)	153	64	1	178	177	-	1,834	1,626	204	956	910	44
Meningitis (320-322)	5	1	-	5	5	-	43	24	19	13	13	-
Parkinson's disease (332)	37	11	-	22	22	-	340	325	14	204	196	7
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	66	37	-	106	105	-	938	859	78	478	459	19
Multiple sclerosis (340)	-	-	-	6	6	-	90	82	8	37	35	2
Infantile cerebral palsy (343)	1	1	-	4	4	-	30	20	10	20	19	1
Epilepsy (345)	5	2	1	11	11	-	71	53	17	34	29	5
Other diseases of the nervous system (323-326,341-342,344,346-359)	39	12	-	24	24	-	322	263	58	170	159	10
Disorders of the eye and adnexa (360-379)	-	-	-	1	1	-	4	4	-	-	-	-
Diseases of the ear and mastoid process (380-389)	-	-	-	-	-	-	1	1	-	2	1	1
VII. Diseases of the circulatory system (390-459)	2,761	766	6	2,973	2,944	3	44,606	38,905	5,506	22,139	20,695	1,424
Rheumatic fever and rheumatic heart disease (390-398)	28	8	-	33	33	-	272	246	26	124	120	4
Acute rheumatic fever (390-392)	-	-	-	-	-	-	6	4	2	-	-	-
Chronic rheumatic heart disease (393-398)	28	8	-	33	33	-	266	242	24	124	120	4
Diseases of mitral valve (394)	12	4	-	13	13	-	136	123	13	54	52	2
Diseases of aortic valve (395)	-	-	-	-	-	-	6	6	-	3	3	-
Diseases of mitral and aortic valves (396)	2	1	-	6	6	-	38	35	3	23	23	-
All other chronic rheumatic heart disease (393,397-398)	14	3	-	14	14	-	86	78	8	44	42	2
Hypertensive disease (401-404)	85	27	-	68	68	-	1,682	1,141	537	560	471	89
Essential hypertension (401)	15	8	-	8	8	-	236	197	39	88	77	11
Hypertensive heart disease (402)	59	15	-	34	34	-	1,085	685	397	308	253	55
Hypertensive renal disease (403)	7	2	-	18	18	-	247	191	56	102	91	11
Hypertensive heart and renal disease (404)	4	2	-	8	8	-	114	68	45	62	50	12
Ischemic heart disease (410-414)	1,094	335	2	1,562	1,544	3	24,259	21,930	2,215	12,143	11,430	703
Acute myocardial infarction (410)	511	155	1	865	855	1	12,464	11,139	1,262	5,920	5,647	267
Other acute and subacute forms of ischemic heart disease (411)	2	-	-	1	1	-	157	144	13	24	23	1
Angina pectoris (413)	1	-	-	3	3	-	42	38	4	17	17	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	580	180	1	693	685	2	11,596	10,609	936	6,182	5,743	435
Diseases of pulmonary circulation (415-417)	25	8	-	33	33	-	610	474	133	279	252	26
Other forms of heart disease (420-429)	858	251	4	542	535	-	8,960	7,355	1,568	4,052	3,758	290
Acute and subacute endocarditis (421)	2	-	-	-	-	-	60	41	17	22	21	1
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	3	-	-	1	1	-	41	24	17	15	14	1
Other diseases of endocardium (424)	43	9	-	58	58	-	570	518	51	316	300	15
Mitral valve disorders (424.0)	6	3	-	14	14	-	92	87	5	63	58	5
Aortic valve disorders (424.1)	25	6	-	32	32	-	339	310	29	179	170	9
All other diseases of endocardium (424.2-424.9)	12	-	-	12	12	-	139	121	17	74	72	1
Heart failure (428)	90	24	-	153	151	-	2,146	1,935	208	1,252	1,172	78
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	2	1	-	1	1	-	41	32	9	32	31	1
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	718	217	4	329	324	-	6,102	4,805	1,266	2,415	2,220	194
Cerebrovascular diseases (430-438)	530	103	-	548	545	-	6,707	5,832	846	3,698	3,449	245
Subarachnoid hemorrhage (430)	43	5	-	15	15	-	303	244	56	167	143	24
Intracerebral and other intracranial hemorrhage (431-432)	138	19	-	51	51	-	1,025	827	191	476	433	43
Occlusion and stenosis of precerebral arteries (433)	1	-	-	2	2	-	64	58	6	24	23	1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	46	11	-	52	52	-	1,011	877	130	401	376	25
Cerebral embolism (434.1)	1	-	-	3	3	-	21	20	1	11	11	-
Acute but ill-defined cerebrovascular disease (436)	255	59	-	342	339	-	3,661	3,243	404	2,260	2,118	138
Other and late effects of cerebrovascular diseases (435,437-438)	46	9	-	83	83	-	622	563	58	359	345	14
Diseases of arteries, arterioles, and capillaries (440-448)	123	27	-	171	170	-	1,892	1,740	147	1,207	1,149	57
Atherosclerosis (440)	23	6	-	68	68	-	772	740	32	575	546	29
Aortic aneurysm (441)	74	16	-	79	78	-	732	671	56	424	410	14
All other diseases of arteries, arterioles, and capillaries (442-448)	26	5	-	24	24	-	388	329	59	208	193	14
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	18	7	-	16	16	-	224	187	34	76	66	10
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	5	2	-	7	7	-	91	70	20	30	26	4
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	13	5	-	9	9	-	133	117	14	46	40	6
VIII. Diseases of the respiratory system (460-519)	615	197	1	786	781	1	9,063	7,863	1,167	4,355	4,147	206
Diseases of the upper respiratory tract (460-465,470-478)	3	-	-	3	3	-	23	19	4	7	7	-
Acute upper respiratory infections (460-465)	2	-	-	1	1	-	9	6	3	4	4	-
Other diseases of upper respiratory tract (470-478)	1	-	-	2	2	-	14	13	1	3	3	-
Other diseases of the respiratory system (466,480-519)	612	197	1	783	778	1	9,040	7,844	1,163	4,348	4,140	206
Acute bronchitis and bronchiolitis (466)	-	-	-	3	3	-	27	18	9	17	17	-
Pneumonia (480-486)	286	83	-	289	288	-	3,887	3,307	563	1,630	1,541	87
Viral pneumonia (480)	4	-	-	9	9	-	25	22	3	9	9	-
Pneumococcal and other bacterial pneumonia (481-482)	14	5	-	24	24	-	240	191	47	109	102	7
Bronchopneumonia, organism unspecified (485)	14	5	-	12	12	-	397	313	82	81	76	5
Pneumonia due to other and unspecified organism (483,486)	254	73	-	244	243	-	3,225	2,781	431	1,431	1,354	75
Influenza (487)	4	2	-	23	23	-	87	85	2	36	36	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	217	91	1	380	377	-	3,785	3,374	403	2,108	2,027	81
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	72	21	-	100	98	-	1,211	1,052	156	569	545	24
Bronchitis, not specified as acute or chronic (490)	1	-	-	2	2	-	24	21	3	12	12	-
Chronic bronchitis (491)	8	4	-	12	12	-	139	126	12	73	69	4
Emphysema (492)	26	10	-	68	68	-	793	739	53	399	391	8
Asthma (493)	37	7	-	18	16	-	255	166	88	85	73	12
Bronchiectasis and extrinsic allergic alveolitis (494-495)	9	2	-	4	4	-	46	42	4	17	17	-
Chronic airways obstruction, not elsewhere classified (496)	136	68	1	276	275	-	2,528	2,280	243	1,522	1,465	57
Pneumoconioses and other lung diseases due to external agents (500-508)	35	6	-	21	20	1	496	428	63	150	136	14
Empyema and abscess of lung and mediastinum (510,513)	2	-	-	2	2	-	53	38	15	21	20	1
Pleurisy (511)	4	-	-	2	2	-	41	30	10	23	23	-
All other diseases of respiratory system (512,514-519)	64	15	-	63	63	-	664	564	98	363	340	23

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Hawaii			Idaho			Illinois			Indiana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	209	69	1	235	230	-	3,838	3,139	675	1,579	1,441	137
Diseases of oral cavity, salivary glands, and jaws (520-529)	1	-	-	-	-	-	3	2	1	3	3	-
Diseases of other parts of the digestive system (530-579)	208	69	1	235	230	-	3,835	3,137	674	1,576	1,438	137
Ulcer of stomach and duodenum (531-533)	17	4	-	31	30	-	320	290	30	133	122	11
Gastric ulcer (531)	8	1	-	9	9	-	102	93	9	39	36	3
Duodenal ulcer (532)	3	-	-	14	13	-	110	101	9	32	27	5
Peptic ulcer, site unspecified (533)	6	3	-	8	8	-	108	96	12	62	59	3
Gastritis and duodenitis (535)	1	-	1	3	3	-	39	33	5	8	6	2
Appendicitis (540-543)	-	-	-	-	-	-	24	19	5	7	5	2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	11	6	-	22	22	-	293	247	46	123	116	7
Regional enteritis and idiopathic proctocolitis (555-556)	1	1	-	-	-	-	44	37	7	20	20	-
All other noninfective gastroenteritis and colitis (557-558)	10	4	-	29	28	-	336	291	43	206	194	12
Diverticula of intestine (562)	5	2	-	8	8	-	152	139	13	94	93	1
Chronic liver disease and cirrhosis (571)	75	30	-	51	51	-	1,349	1,009	328	416	366	49
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	30	17	-	31	31	-	535	360	172	149	127	22
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	5	2	-	8	8	-	45	40	5	22	20	2
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	40	11	-	12	12	-	769	609	151	245	219	25
Cholelithiasis and other disorders of gallbladder (574-575)	10	1	-	16	14	-	134	123	11	73	65	8
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	78	21	-	75	74	-	1,144	949	186	496	451	45
X. Diseases of the genitourinary system (580-629)	109	25	1	116	113	-	2,113	1,667	436	1,006	910	94
Diseases of urinary system (580-599)	107	24	1	112	109	-	2,071	1,629	432	986	892	92
Nephritis, nephrotic syndrome, and nephrosis (580-589)	54	14	-	55	52	-	1,223	933	282	593	529	63
Acute glomerulonephritis (580)	-	-	-	-	-	-	7	6	1	1	1	-
Nephrotic syndrome (581)	1	-	-	1	1	-	10	9	1	4	4	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	5	1	-	12	12	-	62	48	12	30	27	2
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	48	13	-	42	39	-	1,144	870	268	558	497	61
Infections of kidney (590)	4	-	-	7	7	-	68	58	10	30	27	3
Urinary calculus (592,594)	1	-	-	1	1	-	14	10	4	11	11	-
All other diseases of urinary system (591,593,595-599)	48	10	1	49	49	-	766	628	136	352	325	26
Diseases of male genital organs (600-608)	2	1	-	3	3	-	29	27	2	12	11	1
Hyperplasia of prostate (600)	1	1	-	2	2	-	19	17	2	8	7	1
Other diseases of male genital organs (601-608)	1	-	-	1	1	-	10	10	-	4	4	-
Disorders of breast (610-611)	-	-	-	-	-	-	-	-	-	1	1	-
Diseases of female genital organs except breast (614-629)	-	-	-	1	1	-	13	11	2	7	6	1
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	1	-	-	1	1	-	14	7	7	2	1	1
Pregnancy with abortive outcome (630-638)	-	-	-	-	-	-	2	-	2	-	-	-
Ectopic pregnancy (633)	-	-	-	-	-	-	2	-	2	-	-	-
Spontaneous abortion (634)	-	-	-	-	-	-	-	-	-	-	-	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	-	-	-	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	1	-	-	1	1	-	11	6	5	2	1	1
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	1	1	-	2	1	1	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	-	-	-	1	1	-	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	-	-	-	6	2	4	-	-	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	1	-	-	-	-	-	2	2	-	2	1	1
Indirect obstetric causes (647-648)	-	-	-	-	-	-	1	1	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	11	2	-	6	6	-	256	163	91	50	39	11
Infections of skin and subcutaneous tissue (680-686)	5	-	-	1	1	-	42	33	8	10	8	2
All other diseases of skin and subcutaneous tissue (690-709)	6	2	-	5	5	-	214	130	83	40	31	9
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	24	3	-	34	32	-	354	290	61	143	129	14
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	7	1	-	8	8	-	83	77	6	41	40	1
Other arthropathies and related disorders (710-712,715-719)	6	-	-	15	15	-	168	126	40	59	47	12
Dorsopathies (720-724)	1	-	-	1	1	-	8	7	1	1	1	-
Rheumatism, excluding the back (725-729)	5	1	-	1	1	-	14	9	5	7	6	1
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	5	1	-	9	7	-	81	71	9	35	35	-
XIV. Congenital anomalies (740-759)	46	15	1	57	57	-	635	485	142	275	245	28
Spina bifida (741)	-	-	-	1	1	-	11	9	2	6	5	1
All other congenital anomalies of nervous system (740,742)	5	-	-	11	11	-	87	64	23	35	31	4
Congenital anomalies of heart (745-746)	14	6	1	13	13	-	220	167	49	92	81	11
Other congenital anomalies of circulatory system (747)	6	2	-	4	4	-	59	45	13	19	16	2
All other congenital anomalies (743-744,748-759)	21	7	-	28	28	-	258	200	55	123	112	10

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Hawaii			Idaho			Illinois			Indiana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	65	10	7	44	40	-	1,009	498	501	375	286	88
Birth trauma (767)	1	-	-	-	-	-	15	8	7	4	3	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	13	1	1	7	7	-	217	118	98	68	52	16
Other conditions originating in the perinatal period (760-766,770-779)	51	9	6	37	33	-	777	372	396	303	231	71
XVI. Symptoms, signs, and ill-defined conditions (780-799)	127	38	4	103	102	1	805	522	279	441	381	59
Senility without mention of psychosis (797)	4	2	-	11	11	-	29	28	1	33	32	1
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	123	36	4	92	91	1	776	494	278	408	349	58
Supplementary classification of external causes of injury and poisoning (E800-E999)	500	159	5	706	689	2	6,609	4,717	1,821	3,187	2,842	332
Accidents and adverse effects (E800-E949)	321	94	5	477	464	2	3,984	3,156	780	2,058	1,909	141
Transport accidents (E800-E848)	180	53	2	282	274	-	1,952	1,646	281	1,137	1,067	64
Railway accidents (E800-E807)	-	-	-	3	3	-	46	38	8	22	21	1
Motor vehicle accidents (E810-E825)	179	52	2	250	242	-	1,845	1,551	269	1,088	1,019	63
Motor vehicle traffic accidents (E810-E819)	173	50	2	238	230	-	1,814	1,524	265	1,066	998	62
Involving collision with train (E810)	-	-	-	9	9	-	48	46	2	26	25	1
Involving collision with another motor vehicle (E811-E812)	33	10	1	90	89	-	667	590	65	392	374	17
Involving collision with pedestrian (E814)	30	5	-	17	16	-	320	233	86	117	97	19
Involving collision with other vehicle or object (E813,E815)	30	7	-	20	19	-	280	225	49	122	117	5
Not involving collision on highway (E816-E818)	24	8	1	85	82	-	202	183	19	126	118	5
Motor vehicle traffic accident of unspecified nature (E819)	56	20	-	17	15	-	297	247	44	283	267	15
Motor vehicle nontraffic accidents (E820-E825)	6	2	-	12	12	-	31	27	4	22	21	1
Other road vehicle accidents (E826-E829)	-	-	-	3	3	-	7	6	1	6	6	-
Water transport accidents (E830-E838)	-	-	-	7	7	-	34	31	3	13	13	-
Air and space transport accidents (E840-E845)	1	1	-	19	19	-	20	20	-	8	8	-
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning (E850-E869)	10	4	-	16	14	-	380	208	170	55	47	8
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	8	3	-	11	11	-	321	164	155	23	18	5
Accidental poisoning by other solid or liquid substances (E860-E866)	2	1	-	3	2	-	13	12	1	5	5	-
Accidental poisoning by gases and vapors (E867-E869)	-	-	-	2	1	-	46	32	14	27	24	3
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	12	2	-	17	17	-	140	118	20	55	49	6
Accidental falls (E880-E888)	41	12	-	56	56	-	609	521	82	282	272	10
Fall from one level to another (E880-E884)	17	5	-	12	12	-	234	191	42	64	62	2
Fall on same level (E885-E886)	3	1	-	7	7	-	11	11	-	9	9	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	21	6	-	37	37	-	364	319	40	209	201	8
Accidents caused by fire and flames (E890-E899)	2	-	-	19	19	-	212	120	90	112	94	18
Other accidents, including late effects (E900-E929)	76	23	3	87	84	2	683	539	133	405	368	35
Lightning (E907)	-	-	-	-	-	-	3	3	-	2	2	-
Accidental drowning and submersion (E910)	40	13	2	21	19	2	124	86	33	69	54	14
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	10	5	1	9	8	-	155	139	16	103	94	9
Accident caused by handgun (E922.0)	-	-	-	2	2	-	12	9	3	10	8	2
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	2	-	-	9	9	-	28	21	7	19	19	-
Accident caused by explosive material (E923)	-	-	-	1	1	-	6	4	1	11	10	1
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	-	-	-	2	2	-	4	2	2	3	2	1
Accident caused by electric current (E925)	5	1	-	3	3	-	32	26	6	14	14	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	19	4	-	40	40	-	319	249	66	174	165	8
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	-	-	-	-	-	-	8	4	4	12	12	-
Suicide (E950-E959)	125	45	-	192	189	-	1,158	1,019	127	728	691	34
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	11	6	-	9	8	-	122	112	9	60	58	1
Suicide by other solid or liquid substances (E950.6-E950.9)	-	-	-	2	2	-	10	9	1	8	8	-
Suicide by gases and vapors (E951-E952)	3	1	-	17	17	-	134	129	5	78	76	1
Suicide by hanging, strangulation, and suffocation (E953)	53	16	-	21	21	-	204	177	21	81	79	2
Suicide by handgun (E955.0)	8	2	-	29	29	-	143	133	10	71	63	8
Suicide by all other and unspecified firearms (E955.1-E955.4)	26	12	-	109	107	-	413	355	55	395	375	20
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	24	8	-	5	5	-	132	104	26	35	32	2
Homicide and legal intervention (E960-E978)	40	15	-	26	25	-	1,335	454	871	333	189	142
Assault by handgun (E965.0)	1	-	-	3	3	-	93	36	57	26	15	11
Assault by all other and unspecified firearms (E965.1-E965.4)	19	6	-	12	11	-	798	222	569	187	99	87
Assault by cutting and piercing instrument (E966)	5	2	-	5	5	-	204	82	121	50	24	26
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	15	7	-	5	5	-	229	110	117	61	45	15
Legal execution (E978)	-	-	-	-	-	-	1	1	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	-	-	-	1	1	-	10	3	7	9	6	3
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	14	5	-	11	11	-	132	88	43	68	53	15
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	5	3	-	4	4	-	23	16	7	26	22	4
From poisoning by other solid or liquid substances (E980.6-E980.9)	-	-	-	-	-	-	1	1	-	3	3	-
From injury by handgun (E985.0)	-	-	-	-	-	-	3	3	-	8	7	1
From injury by all other and unspecified firearms (E985.1-E985.4)	-	-	-	-	-	-	10	9	1	7	7	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	9	2	-	7	7	-	95	59	35	24	14	10
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Iowa			Kansas			Kentucky			Louisiana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	26,884	26,476	349	22,279	21,048	1,083	35,078	32,438	2,598	37,571	25,414	12,016
I. Infectious and parasitic diseases (001-139)	318	311	5	345	316	28	588	509	78	1,092	647	442
Intestinal infectious diseases (001-009)	4	4	-	4	4	-	10	10	-	14	5	9
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	1	-	1
Other salmonella infections and other food poisoning (bacterial) (003,005)	2	2	-	-	-	-	1	1	-	2	-	2
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	1	1	-	3	3	-	3	3	-	1	1	-
Ill-defined intestinal infections (009)	1	1	-	1	1	-	6	6	-	10	4	6
Tuberculosis (010-018)	8	8	-	8	8	-	24	20	3	40	23	17
Tuberculosis of respiratory system (010-012)	7	7	-	7	7	-	20	16	3	29	15	14
Other tuberculosis (013-018)	1	1	-	1	1	-	4	4	-	11	8	3
Zoonotic and other bacterial diseases (020-041)	204	199	4	177	163	14	367	319	48	537	313	221
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	1	1	-	-	-	-	-	-	-	1	-	1
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	1	1	-	4	4	-	4	1	3
Tetanus (037)	-	-	-	-	-	-	-	-	-	1	-	1
Septicemia (038)	194	190	3	171	157	14	347	300	47	519	304	212
All other bacterial diseases (020-022,024-031,039-041)	9	8	1	5	5	-	16	15	1	12	8	4
Viral diseases (*042-*044,045-079)	65	64	-	125	112	12	128	108	20	417	264	153
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	1	1	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	14	13	-	13	10	2	17	15	2	42	24	18
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	51	51	-	111	101	10	111	93	18	375	240	135
Rickettsioses and other arthropod-borne diseases (080-088)	1	1	-	-	-	-	2	2	-	-	-	-
Typhus and other rickettsioses (080-083)	1	1	-	-	-	-	2	2	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	-	-	-	-	-	-	1	-	1	3	2	1
Syphilis (090-097)	-	-	-	-	-	-	1	-	1	2	1	1
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	-	-	-	-	-	-	-	-	-	2	1	1
All other syphilis (090-091,095-097)	-	-	-	-	-	-	1	-	1	-	-	-
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	1	1	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	36	35	1	31	29	2	56	50	6	81	40	41
Mycoses (110-118)	19	18	1	19	17	2	36	34	2	45	25	20
Helminthiases (120-129)	-	-	-	1	1	-	1	1	-	1	1	-
Late effects of tuberculosis (137)	4	4	-	2	2	-	3	3	-	6	4	2
Late effects of acute poliomyelitis (138)	4	4	-	2	2	-	-	-	-	2	1	1
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	9	9	-	7	7	-	16	12	4	27	9	18
II. Neoplasms (140-239)	6,153	6,061	85	5,092	4,821	236	8,529	7,870	643	8,802	6,125	2,646
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	6,076	5,984	85	5,036	4,769	232	8,426	7,773	637	8,695	6,050	2,615
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	97	93	4	74	68	6	117	105	12	149	102	46
Of lip (140)	3	3	-	-	-	-	3	3	-	1	1	-
Of tongue (141)	19	17	2	19	18	1	21	16	5	23	16	6
Of pharynx (146-149.0)	45	44	1	30	27	3	69	63	6	87	58	29
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	30	29	1	25	23	2	24	23	1	38	27	11
Malignant neoplasms of digestive organs and peritoneum (150-159)	1,500	1,470	27	1,230	1,153	63	1,882	1,704	174	1,977	1,288	681
Of esophagus (150)	89	85	4	88	83	4	147	122	25	188	101	86
Of stomach (151)	123	118	4	116	109	7	185	170	15	255	131	123
Of small intestine, including duodenum (152)	20	20	-	13	11	2	6	6	-	11	7	4
Of colon (153)	720	711	9	550	515	28	837	756	79	770	537	231
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	6	6	-	2	1	-	6	4	2	2	1	1
Descending colon (153.2)	1	1	-	1	-	-	6	6	-	2	2	-
Sigmoid colon (153.3)	19	19	-	18	18	-	8	8	-	12	8	4
Cecum, appendix, and ascending colon (153.4-153.6)	24	24	-	25	25	-	22	20	2	20	12	8
Other and colon, unspecified (153.8-153.9)	670	661	9	504	471	28	795	718	75	734	514	218
Of rectum, rectosigmoid junction, and anus (154)	100	100	-	76	71	4	112	99	12	83	66	16
Of liver and intrahepatic bile ducts (155)	80	76	4	69	66	1	137	126	11	160	118	41
Liver, primary (155.0)	45	42	3	30	27	1	71	63	8	47	34	12
Intrahepatic bile ducts (155.1)	25	24	1	15	15	-	22	22	-	18	15	3
Liver, not specified as primary or secondary (155.2)	10	10	-	24	24	-	44	41	3	95	69	26
Of gallbladder and extrahepatic bile ducts (156)	52	51	-	48	48	-	71	69	1	47	33	13
Of pancreas (157)	291	286	4	245	226	16	357	329	28	440	281	158
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	25	23	2	25	24	1	30	27	3	23	14	9
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	1,629	1,604	23	1,425	1,349	65	2,888	2,669	216	2,793	2,015	769
Of larynx (161)	40	38	2	32	30	1	57	50	7	85	52	32
Of trachea, bronchus, and lung (162)	1,569	1,546	21	1,376	1,302	64	2,816	2,607	206	2,685	1,945	732
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	20	20	-	17	17	-	15	12	3	23	18	5

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Iowa			Kansas			Kentucky			Louisiana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	681	673	7	590	558	29	847	788	58	886	619	265
Of bone and articular cartilage (170)	14	14	-	5	4	-	20	18	2	17	10	6
Of connective and other soft tissue (171)	40	40	-	28	22	5	54	50	4	55	35	20
Melanoma of skin (172)	71	71	-	82	82	-	89	88	1	74	71	3
Other malignant neoplasms of skin (173)	31	30	1	22	22	-	46	43	3	23	18	5
Of female breast (174)	522	515	6	450	425	24	637	588	48	709	478	230
Of male breast (175)	3	3	-	3	3	-	1	1	-	8	7	1
Malignant neoplasms of genital organs (179-187)	768	754	13	626	591	34	857	775	79	914	564	347
Of cervix uteri (180)	43	40	2	37	36	1	90	81	8	86	38	46
Of other parts of uterus (179,181-182)	93	91	2	69	61	7	90	80	10	79	38	41
Of ovary and other uterine adnexa (183)	181	180	1	146	140	6	190	178	10	179	132	47
Of other and unspecified female genital organs (184)	13	13	-	8	8	-	16	15	1	24	14	10
Of prostate (185)	426	418	8	361	341	20	466	416	50	536	333	202
Of testis (186)	6	6	-	3	3	-	3	3	-	7	7	-
Of penis and other male genital organs (187)	6	6	-	2	2	-	2	2	-	3	2	1
Malignant neoplasms of urinary organs (188-189)	266	265	1	207	204	3	335	319	15	331	259	71
Of bladder (188)	129	129	-	89	88	1	164	154	9	133	100	33
Of kidney and other and unspecified urinary organs (189)	137	136	1	118	116	2	171	165	6	198	159	38
Malignant neoplasms of other and unspecified sites (190-199)	472	468	4	383	368	13	805	748	55	889	624	262
Of eye (190)	5	5	-	1	1	-	5	5	-	5	4	1
Of brain (191)	141	140	1	115	115	-	191	182	7	158	132	26
Of other and unspecified parts of nervous system (192)	4	4	-	2	2	-	4	4	-	6	5	1
Of thyroid gland and other endocrine glands and related structures (193-194)	23	23	-	18	15	2	35	33	2	31	21	10
Of all other and unspecified sites (195-199)	299	296	3	247	235	11	570	524	46	689	462	224
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	663	657	6	501	478	19	695	665	28	756	579	174
Lymphosarcoma and reticulosarcoma (200)	38	38	-	23	22	1	15	14	-	31	26	5
Hodgkin's disease (201)	15	15	-	11	11	-	24	23	1	20	12	8
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	266	264	2	177	171	5	239	232	6	225	185	39
Multiple myeloma and immunoproliferative neoplasms (203)	114	112	2	88	83	5	126	118	8	170	106	64
Leukemia (204-208)	230	228	2	202	191	8	291	278	13	310	250	58
Lymphoid leukemia (204)	73	71	2	64	61	2	92	87	5	82	65	15
Myeloid leukemia (205)	81	81	-	78	72	4	121	116	5	121	101	20
Monocytic leukemia (206)	7	7	-	4	4	-	5	5	-	5	4	1
Other and unspecified leukemia (207-208)	69	69	-	56	54	2	73	70	3	102	80	22
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	77	77	-	56	52	4	103	97	6	107	75	31
Benign neoplasms (210-229)	25	25	-	13	12	1	17	15	2	13	4	9
Of female genital organs (218-221)	-	-	-	-	-	-	1	1	-	1	-	1
Of eye, brain, and other parts of nervous system (224-225)	12	12	-	10	10	-	11	9	2	6	2	4
Of all other and unspecified sites (210-217,222-223,226-229)	13	13	-	3	2	1	5	5	-	6	2	4
Carcinoma in situ (230-234)	-	-	-	-	-	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	-	-	-	-	-	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	25	25	-	18	16	2	27	26	1	20	17	3
Neoplasms of unspecified nature (239)	27	27	-	25	24	1	59	56	3	74	54	19
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	782	762	20	639	590	42	1,032	928	103	1,560	890	666
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	746	726	20	595	549	39	992	891	100	1,492	856	632
Disorders of thyroid gland (240-246)	15	14	1	15	15	-	18	17	1	15	8	7
Diabetes mellitus (250)	576	562	14	455	416	32	800	717	82	1,217	701	512
Disorders of the pituitary gland and its hypothalamic control (253)	1	1	-	3	3	-	4	3	1	6	3	3
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	2	2	-	6	6	-	2	2	-	7	5	2
Cystic fibrosis (277.0)	6	6	-	8	8	-	3	3	-	8	7	1
Obesity (278.0)	8	7	1	17	15	2	17	15	2	52	25	27
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	138	134	4	91	86	5	148	134	14	187	107	80
Nutritional deficiencies (260-269)	36	36	-	44	41	3	40	37	3	68	34	34
Nutritional marasmus (261)	4	4	-	3	3	-	9	9	-	11	8	3
Other protein-calorie malnutrition (262-263)	31	31	-	39	36	3	28	26	2	53	23	30
All other nutritional deficiencies (260,264-269)	1	1	-	2	2	-	3	2	1	4	3	1
IV. Diseases of blood and blood-forming organs (280-289)	112	110	2	95	86	7	130	118	12	190	127	62
Anemias (280-285)	36	35	1	41	36	5	66	59	7	109	61	48
Deficiency anemias (280-281)	4	4	-	3	3	-	3	3	-	8	5	3
Hemolytic anemias (282-283)	3	2	1	5	2	3	10	6	4	21	5	16
Aplastic anemia (284)	13	13	-	16	16	-	25	23	2	30	21	9
Other and unspecified anemias (285)	16	16	-	17	15	2	28	27	1	50	30	20
Purpura and other hemorrhagic conditions (287)	9	9	-	8	8	-	9	9	-	10	8	2
All other diseases of blood and blood-forming organs (286,288-289)	67	66	1	46	42	2	55	50	5	71	58	12
V. Mental disorders (290-319)	392	386	6	269	252	16	426	385	41	364	252	109
Senile and presenile organic psychotic conditions (290)	179	178	1	101	95	6	168	155	13	109	91	17
Alcoholic psychoses (291)	1	1	-	1	1	-	12	11	1	2	2	-
All other psychoses (292-299)	78	77	1	42	40	2	62	58	4	51	32	19
Alcohol dependence syndrome (303)	34	32	2	36	35	1	65	49	16	75	35	39
Drug dependence (304)	1	1	-	1	1	-	-	-	-	4	2	2
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	87	85	2	83	76	6	112	105	7	111	82	28
Mental retardation (317-319)	12	12	-	5	4	1	7	7	-	12	8	4

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Iowa			Kansas			Kentucky			Louisiana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	638	632	4	463	450	12	596	568	28	587	416	171
Diseases of the nervous system (320-359)	637	631	4	463	450	12	595	567	28	585	415	170
Meningitis (320-322)	10	10	-	5	5	-	6	3	3	25	8	17
Parkinson's disease (332)	113	112	1	92	92	-	107	106	1	91	79	12
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	380	379	-	243	234	9	325	318	7	280	231	49
Multiple sclerosis (340)	21	21	-	13	13	-	11	11	-	14	6	8
Infantile cerebral palsy (343)	13	13	-	4	4	-	11	11	-	15	7	8
Epilepsy (345)	24	23	1	23	20	3	27	18	9	42	20	22
Other diseases of the nervous system (323-326,341-342,344,346-359)	76	73	2	83	82	-	108	100	8	118	64	54
Disorders of the eye and adnexa (360-379)	-	-	-	-	-	-	-	-	-	1	1	-
Diseases of the ear and mastoid process (380-389)	1	1	-	-	-	-	1	1	-	1	-	1
VII. Diseases of the circulatory system (390-459)	12,530	12,385	124	10,030	9,571	401	15,174	14,075	1,086	15,722	10,964	4,709
Rheumatic fever and rheumatic heart disease (390-398)	67	66	1	59	55	4	72	67	4	57	36	20
Acute rheumatic fever (390-392)	-	-	-	1	1	-	-	-	-	1	-	1
Chronic rheumatic heart disease (393-398)	67	66	1	58	54	4	72	67	4	56	36	19
Diseases of mitral valve (394)	34	33	1	29	28	1	34	32	1	29	18	10
Diseases of aortic valve (395)	2	2	-	3	3	-	2	2	-	-	-	-
Diseases of mitral and aortic valves (396)	17	17	-	6	5	1	9	7	2	9	6	3
All other chronic rheumatic heart disease (393,397-398)	14	14	-	20	18	2	27	26	1	18	12	6
Hypertensive disease (401-404)	358	342	16	230	202	27	397	321	76	826	368	455
Essential hypertension (401)	53	51	2	47	42	5	85	69	16	75	45	30
Hypertensive heart disease (402)	215	207	8	126	111	14	206	167	39	609	262	345
Hypertensive renal disease (403)	48	44	4	35	30	5	71	57	14	82	42	39
Hypertensive heart and renal disease (404)	42	40	2	22	19	3	35	28	7	60	19	41
Ischemic heart disease (410-414)	6,540	6,486	41	5,126	4,913	185	8,000	7,527	465	7,871	5,852	1,993
Acute myocardial infarction (410)	3,199	3,177	15	2,674	2,573	81	4,949	4,667	277	4,536	3,376	1,145
Other acute and subacute forms of ischemic heart disease (411)	18	18	-	9	9	-	8	8	-	76	65	11
Angina pectoris (413)	17	16	1	7	7	-	20	20	-	26	20	6
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	3,306	3,275	25	2,436	2,324	104	3,023	2,832	188	3,233	2,391	831
Diseases of pulmonary circulation (415-417)	135	134	1	145	137	8	198	171	27	252	172	80
Other forms of heart disease (420-429)	2,586	2,541	42	2,189	2,081	94	3,371	3,097	272	3,573	2,450	1,117
Acute and subacute endocarditis (421)	5	4	1	9	9	-	12	11	1	20	15	5
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	9	9	-	8	8	-	6	6	-	15	11	4
Other diseases of endocardium (424)	190	189	1	139	137	2	147	138	9	154	125	28
Mitral valve disorders (424.0)	32	32	-	25	25	-	22	21	1	20	17	3
Aortic valve disorders (424.1)	104	103	1	88	88	-	85	80	5	96	77	18
All other diseases of endocardium (424.2-424.9)	54	54	-	26	24	2	40	37	3	38	31	7
Heart failure (428)	469	463	5	663	635	25	1,013	943	70	876	626	250
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	24	23	1	3	3	-	7	7	-	56	26	30
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	1,889	1,853	34	1,367	1,289	67	2,186	1,992	192	2,452	1,647	800
Cerebrovascular diseases (430-438)	2,042	2,018	20	1,707	1,626	70	2,429	2,237	190	2,396	1,524	859
Subarachnoid hemorrhage (430)	61	60	1	66	62	2	89	83	6	126	74	52
Intracerebral and other intracranial hemorrhage (431-432)	213	208	4	198	191	5	320	295	25	314	171	141
Occlusion and stenosis of precerebral arteries (433)	20	20	-	17	15	1	18	18	-	19	17	2
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	204	201	2	197	184	11	291	266	25	253	173	79
Cerebral embolism (434.1)	14	14	-	20	20	-	5	4	1	7	5	2
Acute but ill-defined cerebrovascular disease (436)	1,337	1,326	9	1,009	962	43	1,436	1,318	116	1,410	894	509
Other and late effects of cerebrovascular diseases (435,437-438)	193	189	4	200	192	8	270	253	17	267	190	74
Diseases of arteries, arterioles, and capillaries (440-448)	755	751	3	548	532	12	633	590	43	695	524	171
Atherosclerosis (440)	423	422	-	245	240	3	229	217	12	319	242	77
Aortic aneurysm (441)	226	225	1	191	186	3	264	246	18	223	183	40
All other diseases of arteries, arterioles, and capillaries (442-448)	106	104	2	112	106	6	140	127	13	153	99	54
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	47	47	-	26	25	1	74	65	9	52	38	14
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	18	18	-	9	9	-	27	26	1	16	10	6
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	29	29	-	17	16	1	47	39	8	36	28	8
VIII. Diseases of the respiratory system (460-519)	2,689	2,665	19	2,191	2,108	75	3,409	3,221	185	2,709	2,075	627
Diseases of the upper respiratory tract (460-465,470-478)	9	9	-	6	6	-	6	6	-	9	7	2
Acute upper respiratory infections (460-465)	5	5	-	2	2	-	4	4	-	2	1	1
Other diseases of upper respiratory tract (470-478)	4	4	-	4	4	-	2	2	-	7	6	1
Other diseases of the respiratory system (466,480-519)	2,680	2,656	19	2,185	2,102	75	3,403	3,215	185	2,700	2,068	625
Acute bronchitis and bronchiolitis (466)	5	5	-	10	9	1	13	13	-	18	15	3
Pneumonia (480-486)	1,135	1,127	8	887	855	31	1,330	1,255	75	973	718	251
Viral pneumonia (480)	10	10	-	11	11	-	8	8	-	11	8	3
Pneumococcal and other bacterial pneumonia (481-482)	55	55	-	47	46	1	92	84	8	70	51	19
Bronchopneumonia, organism unspecified (485)	58	58	-	60	57	3	59	56	3	62	44	18
Pneumonia due to other and unspecified organism (483,486)	1,012	1,004	8	769	741	27	1,171	1,107	64	830	615	211
Influenza (487)	86	86	-	56	54	2	24	24	-	38	30	8
Chronic obstructive pulmonary diseases and allied conditions (490-496)	1,183	1,171	7	965	927	31	1,557	1,481	75	1,225	984	239
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	254	248	5	230	217	11	409	389	20	380	287	92
Bronchitis, not specified as acute or chronic (490)	10	9	1	11	9	2	19	18	1	7	7	-
Chronic bronchitis (491)	36	36	-	39	38	1	63	61	2	45	42	3
Emphysema (492)	147	146	1	141	136	4	252	240	12	224	188	35
Asthma (493)	61	57	3	39	34	4	75	70	5	104	50	54
Bronchiectasis and extrinsic allergic alveolitis (494-495)	18	18	-	13	12	1	16	16	-	18	16	2
Chronic airways obstruction, not elsewhere classified (496)	911	905	2	722	698	19	1,132	1,076	55	827	681	145
Pneumoconioses and other lung diseases due to external agents (500-508)	117	115	2	83	79	4	193	183	9	148	106	41
Empyema and abscess of lung and mediastinum (510,513)	6	6	-	5	5	-	10	8	2	15	5	10
Pleurisy (511)	5	5	-	8	8	-	15	12	3	15	13	2
All other diseases of respiratory system (512,514-519)	143	141	2	171	165	6	261	239	21	268	197	71

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Iowa			Kansas			Kentucky			Louisiana		
	All races [2]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	912	897	12	735	713	20	1,168	1,086	82	1,192	825	359
Diseases of oral cavity, salivary glands, and jaws (520-529)	1	1	-	2	2	-	1	1	-	1	-	-
Diseases of other parts of the digestive system (530-579)	911	896	12	733	711	20	1,167	1,085	82	1,191	825	359
Ulcer of stomach and duodenum (531-533)	98	97	-	77	76	-	86	80	6	64	45	19
Gastric ulcer (531)	30	29	-	21	21	-	24	23	1	24	17	7
Duodenal ulcer (532)	32	32	-	28	27	-	23	22	1	16	12	4
Peptic ulcer, site unspecified (533)	36	36	-	28	28	-	39	35	4	24	16	8
Gastritis and duodenitis (535)	13	13	-	3	3	-	7	7	-	11	9	2
Appendicitis (540-543)	8	8	-	5	5	-	10	7	3	8	4	4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	115	113	1	74	74	-	78	70	8	108	72	36
Regional enteritis and idiopathic proctocolitis (555-556)	3	3	-	10	10	-	9	8	1	12	10	2
All other noninfective gastroenteritis and colitis (557-558)	118	115	2	80	78	2	154	146	8	111	84	27
Diverticula of intestine (562)	65	65	-	36	35	1	57	54	3	47	41	6
Chronic liver disease and cirrhosis (571)	187	181	6	170	161	8	316	294	22	362	252	105
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	82	78	4	71	65	5	119	107	12	148	85	62
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	23	23	-	13	13	-	21	21	-	22	18	3
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	82	80	2	86	83	3	176	166	10	192	149	40
Cholelithiasis and other disorders of gallbladder (574-575)	49	48	1	28	25	3	81	79	2	51	41	10
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	255	253	2	250	244	6	369	340	29	417	267	148
X. Diseases of the genitourinary system (580-629)	351	340	9	366	339	27	725	644	79	838	497	340
Diseases of urinary system (580-599)	333	323	8	356	329	27	711	631	78	816	484	331
Nephritis, nephrotic syndrome, and nephrosis (580-589)	170	162	6	220	201	19	426	371	54	454	270	183
Acute glomerulonephritis (580)	3	3	-	-	-	-	1	1	-	-	-	-
Nephrotic syndrome (581)	1	1	-	1	1	-	1	-	1	5	5	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	19	18	1	12	10	2	23	20	3	36	18	18
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	147	140	5	207	190	17	401	350	50	413	247	165
Infections of kidney (590)	18	18	-	10	9	1	24	24	-	30	19	11
Urinary calculus (592,594)	2	2	-	2	2	-	6	5	1	7	5	2
All other diseases of urinary system (591,593,595-599)	143	141	2	124	117	7	255	231	23	325	190	135
Diseases of male genital organs (600-608)	12	12	-	6	6	-	11	10	1	16	10	6
Hyperplasia of prostate (600)	11	11	-	4	4	-	6	5	1	8	5	3
Other diseases of male genital organs (601-608)	1	1	-	2	2	-	5	5	-	8	5	3
Disorders of breast (610-611)	1	-	1	-	-	-	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	5	5	-	4	4	-	3	3	-	6	3	3
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	2	2	-	5	3	2	2	2	-	8	2	6
Pregnancy with abortive outcome (630-638)	-	-	-	-	-	-	-	-	-	3	-	3
Ectopic pregnancy (633)	-	-	-	-	-	-	-	-	-	3	-	3
Spontaneous abortion (634)	-	-	-	-	-	-	-	-	-	-	-	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	-	-	-	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	2	2	-	4	2	2	2	2	-	4	1	3
Hemorrhage of pregnancy and childbirth (640-641,666)	1	1	-	1	1	-	1	1	-	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	2	1	1	-	-	-	1	1	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	1	1	-	1	-	1	-	-	-	2	-	2
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	-	-	-	1	1	-	1	-	1
Indirect obstetric causes (647-648)	-	-	-	1	1	-	-	-	-	1	1	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	31	30	1	24	20	4	42	39	3	118	49	67
Infections of skin and subcutaneous tissue (680-686)	10	10	-	7	5	2	6	6	-	11	7	3
All other diseases of skin and subcutaneous tissue (690-709)	21	20	1	17	15	2	36	33	3	107	42	64
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	101	98	3	93	90	3	114	101	13	127	78	49
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	16	15	1	21	20	1	42	40	2	27	24	3
Other arthropathies and related disorders (710-712,715-719)	48	46	2	49	47	2	43	37	6	73	37	36
Dorsopathies (720-724)	5	5	-	1	1	-	-	-	-	1	1	-
Rheumatism, excluding the back (725-729)	8	8	-	5	5	-	4	3	1	9	5	4
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	24	24	-	17	17	-	25	21	4	17	11	6
XIV. Congenital anomalies (740-759)	125	122	2	120	111	5	201	183	18	264	144	118
Spina bifida (741)	-	-	-	2	2	-	1	-	1	1	1	-
All other congenital anomalies of nervous system (740,742)	9	9	-	16	14	2	23	18	5	30	17	13
Congenital anomalies of heart (745-746)	49	47	1	51	48	1	83	78	5	98	53	44
Other congenital anomalies of circulatory system (747)	14	14	-	6	4	1	11	10	1	28	13	15
All other congenital anomalies (743-744,748-759)	53	52	1	45	43	1	83	77	6	107	60	46

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Iowa			Kansas			Kentucky			Louisiana		
	All races [1]	White	Black	All races [2]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	134	115	17	138	105	30	168	136	32	363	115	245
Birth trauma (767)	1	1	-	1	-	1	3	2	1	4	3	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	32	29	3	22	17	5	35	29	6	84	23	61
Other conditions originating in the perinatal period (760-766,770-779)	101	85	14	115	88	24	130	105	25	275	89	183
XVI. Symptoms, signs, and ill-defined conditions (780-799)	171	163	5	317	259	56	253	219	33	354	217	135
Senility without mention of psychosis (797)	23	23	-	20	18	2	24	22	2	17	13	4
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	148	140	5	297	241	54	229	197	31	337	204	131
Supplementary classification of external causes of injury and poisoning (E800-E999)	1,443	1,397	35	1,357	1,214	119	2,521	2,354	162	3,281	1,991	1,265
Accidents and adverse effects (E800-E949)	1,046	1,024	16	932	858	59	1,693	1,599	91	1,927	1,320	588
Transport accidents (E800-E848)	515	501	10	502	464	29	901	866	32	1,063	753	294
Railway accidents (E800-E807)	3	1	2	3	2	-	12	9	3	10	4	6
Motor vehicle accidents (E810-E825)	492	480	8	475	440	28	858	828	27	979	686	277
Motor vehicle traffic accidents (E810-E819)	469	457	8	466	431	28	841	811	27	963	675	272
Involving collision with train (E810)	6	6	-	15	15	-	11	11	-	20	13	7
Involving collision with another motor vehicle (E811-E812)	226	221	5	199	185	10	281	273	7	224	178	44
Involving collision with pedestrian (E814)	36	33	1	37	33	4	71	68	3	126	65	57
Involving collision with other vehicle or object (E813,E815)	108	106	1	102	93	8	196	186	10	102	74	27
Not involving collision on highway (E816-E818)	77	75	1	87	82	3	171	165	4	161	113	45
Motor vehicle traffic accident of unspecified nature (E819)	16	16	-	26	23	3	111	108	3	330	232	92
Motor vehicle nontraffic accidents (E820-E825)	23	23	-	9	9	-	17	17	-	16	11	5
Other road vehicle accidents (E826-E829)	3	3	-	1	1	-	2	2	-	2	1	1
Water transport accidents (E830-E838)	9	9	-	6	6	-	16	16	-	60	50	10
Air and space transport accidents (E840-E845)	7	7	-	17	15	1	13	11	2	12	12	-
Vehicle accidents not elsewhere classifiable (E846-E848)	1	1	-	-	-	-	-	-	-	-	-	-
Accidental poisoning (E850-E869)	37	35	1	29	27	2	71	64	7	60	38	22
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	19	18	-	17	15	2	55	48	7	51	32	19
Accidental poisoning by other solid or liquid substances (E860-E866)	5	5	-	3	3	-	8	8	-	6	3	3
Accidental poisoning by gases and vapors (E867-E869)	13	12	1	9	9	-	8	8	-	3	3	-
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	26	26	-	26	24	2	50	43	7	49	36	13
Accidental falls (E880-E888)	225	223	2	149	145	4	201	198	3	190	155	35
Fall from one level to another (E880-E884)	49	49	-	32	30	2	46	45	1	25	21	4
Fall on same level (E885-E886)	16	16	-	13	13	-	9	9	-	5	3	2
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	160	158	2	104	102	2	146	144	2	160	131	29
Accidents caused by fire and flames (E890-E899)	23	22	1	36	29	6	78	72	6	116	50	66
Other accidents, including late effects (E900-E929)	219	216	2	187	167	15	391	355	36	447	288	157
Lightning (E907)	-	-	-	2	2	-	-	-	-	3	3	-
Accidental drowning and submersion (E910)	29	29	-	28	23	3	55	52	3	122	75	46
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	47	46	1	44	40	4	70	64	6	79	52	27
Accident caused by handgun (E922.0)	1	-	-	2	2	-	6	5	1	3	3	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	14	13	1	11	10	1	47	43	4	43	32	11
Accident caused by explosive material (E923)	3	3	-	1	-	1	8	8	-	2	2	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	2	2	-	3	1	1	6	3	3	1	-	1
Accident caused by electric current (E925)	8	8	-	8	7	1	11	10	1	16	12	4
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	115	115	-	88	82	4	188	170	18	178	109	68
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	1	1	-	3	2	1	1	1	-	2	-	1
Suicide (E950-E959)	336	328	5	297	282	12	549	535	12	558	465	89
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	23	21	2	23	23	-	34	34	-	38	32	6
Suicide by other solid or liquid substances (E950.6-E950.9)	2	2	-	1	1	-	3	2	-	5	3	2
Suicide by gases and vapors (E951-E952)	54	54	-	28	28	-	29	29	-	10	10	-
Suicide by hanging, strangulation, and suffocation (E953)	60	58	2	33	31	1	45	44	-	48	33	14
Suicide by handgun (E955.0)	35	34	1	31	27	3	52	51	1	17	15	2
Suicide by all other and unspecified firearms (E955.1-E955.4)	144	142	-	171	163	7	360	350	10	419	356	61
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	18	17	-	10	9	1	26	25	1	21	16	4
Homicide and legal intervention (E960-E978)	52	38	12	115	65	46	243	188	55	762	184	576
Assault by handgun (E965.0)	6	4	2	7	3	3	11	8	3	16	7	9
Assault by all other and unspecified firearms (E965.1-E965.4)	22	16	6	59	30	27	151	123	28	543	104	437
Assault by cutting and piercing instrument (E966)	7	5	2	18	11	7	32	21	11	113	33	80
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	15	11	2	26	16	9	46	34	12	86	39	47
Legal execution (E978)	-	-	-	-	-	-	-	-	-	1	-	1
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	2	2	-	5	5	-	3	2	1	3	1	2
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	9	7	2	13	9	2	36	32	4	33	21	12
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	5	4	1	4	2	1	10	9	1	13	10	3
From poisoning by other solid or liquid substances (E980.6-E980.9)	-	-	-	-	-	-	-	-	-	-	-	-
From injury by handgun (E985.0)	-	-	-	-	-	-	-	-	-	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	1	1	-	3	3	-	11	10	1	6	5	1
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	3	2	1	6	4	1	15	13	2	14	6	8
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	-	-	-	1	1	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Maine			Maryland			Massachusetts			Michigan		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	11,106	11,046	13	38,413	28,911	9,186	53,179	50,908	1,932	78,744	66,410	11,764
I. Infectious and parasitic diseases (001-139)	143	141	2	1,327	758	567	1,244	1,075	158	1,205	814	384
Intestinal infectious diseases (001-009)	2	2	-	11	9	2	19	19	-	14	11	3
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	-	-	-	2	2	-	4	4	-	2	1	1
Amebiasis (006)	-	-	-	-	-	-	-	-	-	1	1	-
Intestinal infections due to other specified organisms (007-008)	-	-	-	2	2	-	13	13	-	5	5	-
Ill-defined intestinal infections (009)	2	2	-	7	5	2	2	2	-	6	4	2
Tuberculosis (010-018)	2	2	-	22	13	9	31	22	7	43	22	21
Tuberculosis of respiratory system (010-012)	1	1	-	17	11	6	19	14	4	36	19	17
Other tuberculosis (013-018)	1	1	-	5	2	3	12	8	3	7	3	4
Zoonotic and other bacterial diseases (020-041)	75	75	-	626	457	168	614	567	39	562	427	131
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-	-	2	1	1
Meningococcal infection (036)	3	3	-	6	5	1	5	4	1	5	4	-
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	69	69	-	575	423	151	599	554	37	530	404	123
All other bacterial diseases (020-022,024-031,039-041)	3	3	-	45	29	16	10	9	1	25	18	7
Viral diseases (*042-*044,045-079)	47	45	2	568	231	337	503	402	101	463	268	192
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	-	-	-	1	1	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	-	-	-	28	18	10	24	22	2	35	27	6
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	47	45	2	540	213	327	479	380	99	427	240	186
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	-	-	-	-	-	-	3	3	-	5	-	5
Syphilis (090-097)	-	-	-	-	-	-	2	2	-	5	-	5
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	-	-	-	-	-	-	2	2	-	1	-	1
All other syphilis (090-091,095-097)	-	-	-	-	-	-	-	-	-	4	-	4
Gonococcal infections (098)	-	-	-	-	-	-	1	1	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	17	17	-	100	48	51	74	62	11	118	86	32
Mycoses (110-118)	7	7	-	45	26	18	41	38	3	61	46	15
Helminthiases (120-129)	-	-	-	1	1	-	-	-	-	2	2	-
Late effects of tuberculosis (137)	3	3	-	8	6	2	1	1	-	2	2	-
Late effects of acute poliomyelitis (138)	1	1	-	2	1	1	5	5	-	5	5	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	6	6	-	44	14	30	27	18	8	48	31	17
II. Neoplasms (140-239)	2,846	2,833	1	9,962	7,600	2,272	13,695	13,189	414	18,633	16,006	2,492
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2,792	2,779	1	9,832	7,499	2,245	13,444	12,952	403	18,449	15,851	2,464
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	41	41	-	191	125	66	239	229	10	294	242	49
Of lip (140)	1	1	-	1	1	-	2	2	-	1	1	-
Of tongue (141)	7	7	-	41	29	12	65	63	2	59	48	11
Of pharynx (146-149.0)	19	19	-	96	60	36	104	98	6	135	108	24
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	14	14	-	53	35	18	68	66	2	99	85	14
Malignant neoplasms of digestive organs and peritoneum (150-159)	674	672	-	2,342	1,740	564	3,425	3,288	101	4,442	3,751	642
Of esophagus (150)	60	60	-	229	152	74	260	243	13	397	295	100
Of stomach (151)	65	65	-	240	153	77	414	397	14	502	404	84
Of small intestine, including duodenum (152)	3	3	-	15	10	5	20	20	-	35	31	4
Of colon (153)	279	279	-	958	757	197	1,444	1,397	36	1,752	1,501	237
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	1	1	-	2	1	1	6	6	-	10	10	-
Descending colon (153.2)	-	-	-	3	2	1	4	4	-	5	3	2
Sigmoid colon (153.3)	5	5	-	23	17	6	29	29	-	38	36	2
Cecum, appendix, and ascending colon (153.4-153.6)	9	9	-	15	11	4	33	32	1	61	50	11
Other and colon, unspecified (153.8-153.9)	264	264	-	915	726	185	1,372	1,326	35	1,638	1,402	222
Of rectum, rectosigmoid junction, and anus (154)	54	54	-	155	119	34	291	281	7	306	283	23
Of liver and intrahepatic bile ducts (155)	36	34	-	196	131	49	187	170	8	292	238	45
Liver, primary (155.0)	15	14	-	90	56	22	87	75	4	118	87	28
Intrahepatic bile ducts (155.1)	7	7	-	28	23	4	31	29	2	54	49	3
Liver, not specified as primary or secondary (155.2)	14	13	-	78	52	23	69	66	2	120	102	14
Of gallbladder and extrahepatic bile ducts (156)	30	30	-	74	68	6	103	100	3	151	138	11
Of pancreas (157)	131	131	-	446	326	117	638	614	18	905	772	127
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	16	16	-	29	24	5	68	66	2	102	89	11
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	827	823	1	2,966	2,289	659	3,433	3,317	93	5,242	4,471	731
Of larynx (161)	24	24	-	98	66	31	125	122	3	154	125	29
Of trachea, bronchus, and lung (162)	795	791	1	2,850	2,209	625	3,284	3,172	89	5,041	4,305	696
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	8	8	-	18	14	3	24	23	1	47	41	6

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Maine			Maryland			Massachusetts			Michigan		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	292	288	-	1,034	831	194	1,611	1,563	43	2,037	1,770	260
Of bone and articular cartilage (170)	9	9	-	13	7	6	22	22	-	46	43	3
Of connective and other soft tissue (171)	12	11	-	58	38	19	69	68	1	139	114	25
Melanoma of skin (172)	32	32	-	98	96	2	201	199	1	168	165	3
Other malignant neoplasms of skin (173)	11	11	-	40	27	12	49	46	3	59	55	4
Of female breast (174)	225	222	-	818	657	154	1,260	1,218	38	1,613	1,383	223
Of male breast (175)	3	3	-	7	6	1	10	10	-	12	10	2
Malignant neoplasms of genital organs (179-187)	285	285	-	1,014	731	277	1,417	1,353	58	2,001	1,667	319
Of cervix uteri (180)	19	19	-	80	42	36	90	79	9	164	123	38
Of other parts of uterus (179,181-182)	20	20	-	97	63	31	171	162	9	192	154	35
Of ovary and other uterine adnexa (183)	68	68	-	229	195	33	349	336	11	443	411	29
Of other and unspecified female genital organs (184)	3	3	-	17	13	4	27	27	-	41	37	4
Of prostate (185)	173	173	-	577	407	170	761	730	29	1,142	926	211
Of testis (186)	1	1	-	10	9	1	14	14	-	12	10	1
Of penis and other male genital organs (187)	1	1	-	4	2	2	5	5	-	7	6	1
Malignant neoplasms of urinary organs (188-189)	149	148	-	395	317	75	607	602	4	760	676	82
Of bladder (188)	79	78	-	211	179	30	322	320	2	396	360	35
Of kidney and other and unspecified urinary organs (189)	70	70	-	184	138	45	285	282	2	364	316	47
Malignant neoplasms of other and unspecified sites (190-199)	275	274	-	1,076	822	249	1,472	1,410	51	1,828	1,630	187
Of eye (190)	1	1	-	3	2	1	7	7	-	7	7	-
Of brain (191)	56	56	-	227	182	43	281	276	4	466	433	32
Of other and unspecified parts of nervous system (192)	-	-	-	12	10	2	11	10	-	8	6	2
Of thyroid gland and other endocrine glands and related structures (193-194)	10	10	-	30	23	7	52	50	1	67	61	6
Of all other and unspecified sites (195-199)	208	207	-	804	605	196	1,121	1,067	46	1,280	1,123	147
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	249	248	-	814	644	161	1,240	1,190	43	1,845	1,644	194
Lymphosarcoma and reticulosarcoma (200)	18	18	-	39	29	9	51	50	1	73	69	4
Hodgkin's disease (201)	11	11	-	29	23	6	47	45	2	76	70	6
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	74	73	-	277	229	43	491	475	14	629	583	42
Multiple myeloma and immunoproliferative neoplasms (203)	45	45	-	169	116	52	212	198	11	334	273	61
Leukemia (204-208)	101	101	-	300	247	51	439	422	15	733	649	81
Lymphoid leukemia (204)	34	34	-	99	81	18	109	103	6	219	192	27
Myeloid leukemia (205)	31	31	-	126	105	21	199	189	8	307	277	27
Monocytic leukemia (206)	2	2	-	-	-	-	5	5	-	14	12	2
Other and unspecified leukemia (207-208)	34	34	-	75	61	12	126	125	1	193	168	25
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	54	54	-	130	101	27	251	237	11	184	155	28
Benign neoplasms (210-229)	5	5	-	24	20	4	43	41	2	64	55	9
Of female genital organs (218-221)	-	-	-	-	-	-	-	-	-	2	2	-
Of eye, brain, and other parts of nervous system (224-225)	3	3	-	16	12	4	24	22	2	35	32	3
Of all other and unspecified sites (210-217,222-223,226-229)	2	2	-	8	8	-	19	19	-	27	21	6
Carcinoma in situ (230-234)	1	1	-	-	-	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	-	-	-	-	-	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	1	1	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	15	15	-	30	22	7	46	43	3	64	52	11
Neoplasms of unspecified nature (239)	33	33	-	76	59	16	162	153	6	56	48	8
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	332	331	-	1,328	919	393	1,649	1,575	62	2,681	2,180	475
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	315	314	-	1,282	884	384	1,584	1,511	61	2,560	2,079	456
Disorders of thyroid gland (240-246)	8	8	-	31	23	8	27	26	1	42	36	6
Diabetes mellitus (250)	244	244	-	1,009	683	313	1,229	1,171	46	2,016	1,629	367
Disorders of the pituitary gland and its hypothalamic control (253)	-	-	-	5	4	1	2	2	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	1	1	-	1	1	-	5	5	-	7	4	2
Cystic fibrosis (277.0)	4	3	-	2	2	-	13	13	-	19	19	-
Obesity (278.0)	9	9	-	24	13	11	25	22	3	63	44	18
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	49	49	-	210	158	51	283	272	11	413	347	63
Nutritional deficiencies (260-269)	17	17	-	46	35	9	65	64	1	121	101	19
Nutritional marasmus (261)	-	-	-	2	1	1	4	4	-	8	5	3
Other protein-calorie malnutrition (262-263)	16	16	-	41	31	8	59	58	1	106	92	13
All other nutritional deficiencies (260,264-269)	1	1	-	3	3	-	2	2	-	7	4	3
IV. Diseases of blood and blood-forming organs (280-289)	45	44	1	200	143	54	218	204	13	389	319	68
Anemias (280-285)	22	22	-	100	67	33	99	92	6	192	146	45
Deficiency anemias (280-281)	1	1	-	4	3	1	7	7	-	17	15	1
Hemolytic anemias (282-283)	6	6	-	19	6	13	8	5	3	40	16	24
Aplastic anemia (284)	11	11	-	23	20	3	38	36	1	58	50	8
Other and unspecified anemias (285)	4	4	-	54	38	16	46	44	2	77	65	12
Purpura and other hemorrhagic conditions (287)	3	3	-	21	19	2	20	19	1	36	33	3
All other diseases of blood and blood-forming organs (286,288-289)	20	19	1	79	57	19	99	93	6	161	140	20
V. Mental disorders (290-319)	192	191	-	445	328	113	644	620	21	862	662	191
Senile and presenile organic psychotic conditions (290)	83	82	-	184	161	22	256	247	7	235	217	17
Alcoholic psychoses (291)	3	3	-	7	3	4	3	3	-	15	12	3
All other psychoses (292-299)	38	38	-	80	68	10	172	167	4	113	90	21
Alcohol dependence syndrome (303)	34	34	-	83	37	45	90	83	7	149	100	45
Drug dependence (304)	-	-	-	2	-	2	4	4	-	7	3	4
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	30	30	-	83	56	27	108	105	3	333	230	101
Mental retardation (317-319)	4	4	-	6	3	3	11	11	-	10	10	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Maine			Maryland			Massachusetts			Michigan		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	296	295	1	757	623	129	1,211	1,174	37	1,419	1,243	170
Diseases of the nervous system (320-359)	296	295	1	755	622	128	1,208	1,171	37	1,414	1,240	168
Meningitis (320-322)	2	2	-	18	12	6	22	20	2	41	29	12
Parkinson's disease (332)	63	63	-	139	127	11	217	213	4	248	238	8
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	168	167	1	362	311	47	665	649	16	585	538	45
Multiple sclerosis (340)	19	19	-	26	20	6	60	58	2	79	75	4
Infantile cerebral palsy (343)	3	3	-	23	13	10	17	14	3	44	37	7
Epilepsy (345)	6	6	-	24	16	8	34	31	3	121	83	38
Other diseases of the nervous system (323-326,341-342,344,346-359)	35	35	-	163	123	40	193	186	7	296	240	54
Disorders of the eye and adnexa (360-379)	-	-	-	1	1	-	2	2	-	2	1	1
Diseases of the ear and mastoid process (380-389)	-	-	-	1	-	1	1	1	-	3	2	1
VII. Diseases of the circulatory system (390-459)	4,751	4,735	5	15,065	12,029	2,929	22,512	21,791	615	34,935	30,263	4,471
Rheumatic fever and rheumatic heart disease (390-398)	33	33	-	84	69	13	189	182	7	220	203	16
Acute rheumatic fever (390-392)	-	-	-	3	3	-	2	2	-	2	2	-
Chronic rheumatic heart disease (393-398)	33	33	-	81	66	13	187	180	7	218	201	16
Diseases of mitral valve (394)	14	14	-	37	28	8	92	90	2	103	99	3
Diseases of aortic valve (395)	1	1	-	1	-	1	8	8	-	7	6	1
Diseases of mitral and aortic valves (396)	4	4	-	20	18	2	21	20	1	42	36	6
All other chronic rheumatic heart disease (393,397-398)	14	14	-	23	20	2	66	62	4	66	60	6
Hypertensive disease (401-404)	127	127	-	815	503	303	601	557	39	1,055	728	323
Essential hypertension (401)	18	18	-	101	67	33	119	113	6	113	95	18
Hypertensive heart disease (402)	74	74	-	580	356	217	356	325	27	712	479	229
Hypertensive renal disease (403)	23	23	-	82	47	34	93	86	6	146	93	53
Hypertensive heart and renal disease (404)	12	12	-	52	33	19	33	33	-	84	61	23
Ischemic heart disease (410-414)	2,555	2,546	3	6,226	5,284	901	12,038	11,758	236	19,428	17,428	1,896
Acute myocardial infarction (410)	1,224	1,219	1	3,651	3,059	568	5,589	5,449	112	10,222	9,217	943
Other acute and subacute forms of ischemic heart disease (411)	8	8	-	34	31	3	13	13	-	34	30	3
Angina pectoris (413)	16	16	-	24	18	5	31	30	1	35	31	4
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	1,307	1,303	2	2,517	2,176	325	6,405	6,266	123	9,137	8,150	946
Diseases of pulmonary circulation (415-417)	50	50	-	250	186	63	268	255	12	314	267	44
Other forms of heart disease (420-429)	973	970	1	4,710	3,651	1,035	4,870	4,657	186	6,868	5,413	1,413
Acute and subacute endocarditis (421)	4	4	-	11	7	4	30	27	2	35	26	8
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	3	3	-	14	10	4	17	15	1	32	27	5
Other diseases of endocardium (424)	92	92	-	172	159	13	401	386	12	457	416	38
Mitral valve disorders (424.0)	13	13	-	29	28	1	53	53	-	73	70	3
Aortic valve disorders (424.1)	59	59	-	95	87	8	266	258	7	274	247	25
All other diseases of endocardium (424.2-424.9)	20	20	-	48	44	4	82	75	5	110	99	10
Heart failure (428)	183	182	-	662	543	117	1,215	1,187	25	1,329	1,210	109
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	2	2	-	192	145	43	8	8	-	35	29	5
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	689	687	1	3,659	2,787	854	3,199	3,034	146	4,980	3,705	1,248
Cerebrovascular diseases (430-438)	719	715	1	2,229	1,727	477	3,301	3,174	102	5,108	4,459	614
Subarachnoid hemorrhage (430)	21	21	-	112	71	40	148	134	11	286	237	44
Intracerebral and other intracranial hemorrhage (431-432)	91	91	-	407	291	106	480	449	21	791	648	131
Occlusion and stenosis of precerebral arteries (433)	18	18	-	13	13	-	28	28	-	61	56	5
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	77	77	-	227	181	41	499	491	7	871	751	118
Cerebral embolism (434.1)	2	2	-	1	1	-	23	22	-	21	21	-
Acute but ill-defined cerebrovascular disease (436)	421	418	1	1,243	1,000	236	1,650	1,595	47	2,405	2,154	240
Other and late effects of cerebrovascular diseases (435,437-438)	89	88	-	226	170	54	473	455	16	673	592	76
Diseases of arteries, arterioles, and capillaries (440-448)	279	279	-	676	561	112	1,131	1,100	27	1,763	1,628	125
Atherosclerosis (440)	117	117	-	210	188	22	418	408	8	809	769	38
Aortic aneurysm (441)	111	111	-	271	231	37	478	462	14	664	614	45
All other diseases of arteries, arterioles, and capillaries (442-448)	51	51	-	195	142	53	235	230	5	290	245	42
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	15	15	-	75	48	25	114	108	6	179	137	40
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	6	6	-	21	15	6	43	40	3	104	83	20
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	9	9	-	54	33	19	71	68	3	75	54	20
VIII. Diseases of the respiratory system (460-519)	1,088	1,081	-	3,097	2,575	504	5,022	4,880	119	6,708	5,973	682
Diseases of the upper respiratory tract (460-465,470-478)	3	3	-	11	6	5	16	16	-	20	14	5
Acute upper respiratory infections (460-465)	2	2	-	4	3	1	7	7	-	12	8	4
Other diseases of upper respiratory tract (470-478)	1	1	-	7	3	4	9	9	-	8	6	1
Other diseases of the respiratory system (466,480-519)	1,085	1,078	-	3,086	2,569	499	5,006	4,864	119	6,688	5,959	677
Acute bronchitis and bronchiolitis (466)	5	5	-	13	13	-	17	16	1	16	13	3
Pneumonia (480-486)	382	381	-	1,172	953	213	2,271	2,206	56	2,805	2,467	316
Viral pneumonia (480)	2	2	-	9	7	2	10	9	1	22	19	3
Pneumococcal and other bacterial pneumonia (481-482)	13	13	-	47	36	11	142	135	7	161	132	28
Bronchopneumonia, organism unspecified (485)	26	26	-	74	63	11	123	119	4	156	139	17
Pneumonia due to other and unspecified organism (483,486)	341	340	-	1,042	847	189	1,996	1,943	44	2,466	2,177	268
Influenza (487)	22	22	-	14	13	1	44	42	2	66	66	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	563	557	-	1,406	1,215	184	1,984	1,933	41	3,013	2,749	240
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	118	115	-	367	310	54	536	507	24	1,018	928	84
Bronchitis, not specified as acute or chronic (490)	8	8	-	6	6	-	19	18	1	17	17	-
Chronic bronchitis (491)	22	21	-	50	44	5	69	69	-	116	109	6
Emphysema (492)	68	67	-	229	210	18	333	324	7	724	679	41
Asthma (493)	20	19	-	82	50	31	115	96	16	161	123	37
Bronchiectasis and extrinsic allergic alveolitis (494-495)	6	6	-	12	10	2	27	27	-	20	16	2
Chronic airways obstruction, not elsewhere classified (496)	439	436	-	1,027	895	128	1,421	1,399	17	1,975	1,805	154
Pneumoconioses and other lung diseases due to external agents (500-508)	30	30	-	189	152	37	265	255	8	227	181	46
Empyema and abscess of lung and mediastinum (510,513)	3	3	-	20	16	4	17	16	1	35	24	10
Pleurisy (511)	5	5	-	16	12	3	29	28	1	39	33	6
All other diseases of respiratory system (512,514-519)	75	75	-	256	195	57	379	368	9	487	426	56

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

(Page 29 of 65)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Maine			Maryland			Massachusetts			Michigan		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	385	384	-	1,352	1,026	315	2,059	1,979	67	2,925	2,350	544
Diseases of oral cavity, salivary glands, and jaws (520-529)	-	-	-	1	1	-	5	4	1	3	3	-
Diseases of other parts of the digestive system (530-579)	385	384	-	1,351	1,025	315	2,054	1,975	66	2,922	2,347	544
Ulcer of stomach and duodenum (531-533)	23	22	-	81	71	10	114	114	-	235	197	37
Gastric ulcer (531)	10	10	-	18	16	2	35	35	-	72	58	14
Duodenal ulcer (532)	6	5	-	37	32	5	44	44	-	71	58	12
Peptic ulcer, site unspecified (533)	7	7	-	26	23	3	35	35	-	92	81	11
Gastritis and duodenitis (535)	1	1	-	13	10	3	10	10	-	46	39	6
Appendicitis (540-543)	1	1	-	5	5	-	7	7	-	11	7	4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	42	42	-	137	107	30	171	168	3	241	200	39
Regional enteritis and idiopathic proctocolitis (555-556)	-	-	-	13	11	2	25	25	-	30	27	3
All other noninfective gastroenteritis and colitis (557-558)	41	41	-	135	112	23	233	222	7	304	272	30
Diverticula of intestine (562)	23	23	-	45	41	4	92	91	1	118	105	12
Chronic liver disease and cirrhosis (571)	109	109	-	403	274	124	675	648	25	1,128	841	272
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	49	49	-	210	127	83	217	208	8	563	373	183
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	13	13	-	16	13	3	25	25	-	39	37	2
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	47	47	-	177	134	38	433	415	17	526	431	87
Cholelithiasis and other disorders of gallbladder (574-575)	17	17	-	35	27	7	71	70	1	100	93	6
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	128	128	-	484	367	112	656	620	29	709	566	135
X. Diseases of the genitourinary system (580-629)	182	182	-	740	495	236	1,126	1,059	57	1,399	1,160	237
Diseases of urinary system (580-599)	173	173	-	725	484	232	1,101	1,034	57	1,356	1,121	233
Nephritis, nephrotic syndrome, and nephrosis (580-589)	106	106	-	465	308	151	704	654	44	778	631	146
Acute glomerulonephritis (580)	2	2	-	3	3	-	4	4	-	2	2	-
Nephrotic syndrome (581)	2	2	-	6	3	3	5	5	-	8	6	2
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	6	6	-	26	21	4	33	28	4	57	49	8
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	96	96	-	430	281	144	662	617	40	711	574	136
Infections of kidney (590)	5	5	-	16	10	5	24	24	-	32	26	6
Urinary calculus (592,594)	4	4	-	4	2	2	10	10	-	8	8	-
All other diseases of urinary system (591,593,595-599)	58	58	-	240	164	74	363	346	13	538	456	81
Diseases of male genital organs (600-608)	6	6	-	10	7	3	17	17	-	29	26	3
Hyperplasia of prostate (600)	2	2	-	5	4	1	13	13	-	16	14	2
Other diseases of male genital organs (601-608)	4	4	-	5	3	2	4	4	-	13	12	1
Disorders of breast (610-611)	1	1	-	-	-	-	2	2	-	3	3	-
Diseases of female genital organs except breast (614-629)	2	2	-	5	4	1	6	6	-	11	10	1
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	3	2	1	2	1	1	10	5	5
Pregnancy with abortive outcome (630-638)	-	-	-	-	-	-	-	-	-	2	-	2
Ectopic pregnancy (633)	-	-	-	-	-	-	-	-	-	-	-	-
Spontaneous abortion (634)	-	-	-	-	-	-	-	-	-	1	-	1
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	-	-	-	-	-	-	1	-	1
Direct obstetric causes (640-646,651-676)	-	-	-	1	-	1	2	1	1	7	4	3
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	-	-	-	2	1	1	2	2	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	1	-	1	-	-	-	2	1	1
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	-	-	-	-	-	-	1	-	1
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	-	-	-	-	-	-	2	1	1
Indirect obstetric causes (647-648)	-	-	-	2	2	-	-	-	-	1	1	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	6	6	-	95	54	41	80	75	5	128	98	29
Infections of skin and subcutaneous tissue (680-686)	2	2	-	16	12	4	24	23	1	23	22	1
All other diseases of skin and subcutaneous tissue (690-709)	4	4	-	79	42	37	56	52	4	105	76	28
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	62	60	-	152	109	42	168	159	9	268	210	56
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	13	11	-	23	21	2	49	47	2	54	51	3
Other arthropathies and related disorders (710-712,715-719)	22	22	-	68	45	23	48	44	4	139	104	35
Dorsopathies (720-724)	2	2	-	7	7	-	6	6	-	9	5	4
Rheumatism, excluding the back (725-729)	8	8	-	16	11	5	14	14	-	12	5	7
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	17	17	-	38	25	12	51	48	3	54	45	7
XIV. Congenital anomalies (740-759)	53	52	-	220	159	58	245	226	13	504	398	101
Spina bifida (741)	2	2	-	5	5	-	2	1	1	8	8	-
All other congenital anomalies of nervous system (740,742)	11	11	-	26	21	4	28	24	4	50	39	11
Congenital anomalies of heart (745-746)	16	16	-	88	61	26	89	84	2	174	139	33
Other congenital anomalies of circulatory system (747)	3	3	-	15	8	6	17	14	1	48	38	9
All other congenital anomalies (743-744,748-759)	21	20	-	86	64	22	109	103	5	224	174	48

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Maine			Maryland			Massachusetts			Michigan		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	52	52	-	408	150	255	320	239	70	834	411	415
Birth trauma (767)	-	-	-	3	2	1	1	1	-	15	11	4
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	11	11	-	70	31	38	59	46	11	196	119	76
Other conditions originating in the perinatal period (760-766,770-779)	41	41	-	335	117	216	260	192	59	623	281	335
XVI. Symptoms, signs, and ill-defined conditions (780-799)	74	71	1	687	359	322	471	434	33	408	282	119
Senility without mention of psychosis (797)	9	9	-	4	3	1	8	8	-	21	21	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	65	62	1	683	356	321	463	426	33	387	261	119
Supplementary classification of external causes of injury and poisoning (E800-E999)	599	588	2	2,575	1,582	955	2,513	2,228	238	5,436	4,036	1,325
Accidents and adverse effects (E800-E949)	413	403	2	1,419	1,015	377	1,543	1,444	74	3,162	2,692	416
Transport accidents (E800-E848)	224	220	1	734	548	168	731	680	35	1,769	1,546	187
Railway accidents (E800-E807)	-	-	-	9	8	1	10	8	2	13	10	3
Motor vehicle accidents (E810-E825)	210	206	1	702	520	164	680	633	31	1,687	1,468	184
Motor vehicle traffic accidents (E810-E819)	202	198	1	695	514	163	673	626	31	1,656	1,438	183
Involving collision with train (E810)	3	3	-	1	1	-	1	1	-	16	14	2
Involving collision with another motor vehicle (E811-E812)	77	75	1	250	186	57	202	188	8	814	732	65
Involving collision with pedestrian (E814)	19	19	-	126	77	42	158	141	10	235	162	65
Involving collision with other vehicle or object (E813,E815)	22	22	-	179	136	40	220	210	7	202	181	18
Not involving collision on highway (E816-E818)	66	64	-	66	52	14	55	53	2	302	273	22
Motor vehicle traffic accident of unspecified nature (E819)	15	15	-	73	62	10	37	33	4	87	76	11
Motor vehicle nontraffic accidents (E820-E825)	8	8	-	7	6	1	7	7	-	31	30	1
Other road vehicle accidents (E826-E829)	1	1	-	1	1	-	4	4	-	4	4	-
Water transport accidents (E830-E838)	9	9	-	11	8	3	25	23	2	23	22	-
Air and space transport accidents (E840-E845)	4	4	-	10	10	-	12	12	-	40	40	-
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	1	1	-	-	-	-	2	2	-
Accidental poisoning (E850-E869)	12	11	-	35	23	12	36	35	1	116	96	20
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	8	8	-	27	17	10	28	27	1	78	65	13
Accidental poisoning by other solid or liquid substances (E860-E866)	2	1	-	2	1	1	-	-	-	12	10	2
Accidental poisoning by gases and vapors (E867-E869)	2	2	-	6	5	1	8	8	-	26	21	5
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	15	15	-	65	49	15	56	53	3	94	73	20
Accidental falls (E880-E888)	67	66	-	244	185	55	346	333	9	462	404	53
Fall from one level to another (E880-E884)	23	22	-	70	48	20	96	90	5	107	94	11
Fall on same level (E885-E886)	6	6	-	5	5	-	6	6	-	15	15	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	38	38	-	169	132	35	244	237	4	340	295	42
Accidents caused by fire and flames (E890-E899)	25	24	-	82	42	40	73	66	7	178	123	54
Other accidents, including late effects (E900-E929)	70	67	1	255	166	85	298	275	18	530	441	79
Lightning (E907)	2	2	-	1	1	-	2	2	-	-	-	-
Accidental drowning and submersion (E910)	17	15	1	61	34	27	66	58	7	98	76	17
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	16	16	-	67	44	23	102	97	3	102	87	14
Accident caused by handgun (E922.0)	1	1	-	-	-	-	-	-	-	3	2	1
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	2	2	-	3	2	1	5	4	1	30	21	9
Accident caused by explosive material (E923)	2	2	-	1	-	1	2	2	-	10	9	1
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	-	-	-	1	1	-	1	1	-	4	2	2
Accident caused by electric current (E925)	1	1	-	10	8	2	1	1	-	23	21	2
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	29	28	-	111	76	31	119	110	7	260	223	33
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	-	-	-	4	2	2	3	2	1	13	9	3
Suicide (E950-E959)	155	155	-	486	411	70	528	503	16	1,073	953	104
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	15	15	-	28	24	4	76	73	1	92	83	6
Suicide by other solid or liquid substances (E950.6-E950.9)	2	2	-	5	4	1	3	3	-	4	4	-
Suicide by gases and vapors (E951-E952)	14	14	-	30	29	1	49	48	-	105	103	-
Suicide by hanging, strangulation, and suffocation (E953)	17	17	-	84	65	16	164	155	7	182	157	21
Suicide by handgun (E955.0)	21	21	-	14	10	4	11	11	-	13	13	-
Suicide by all other and unspecified firearms (E955.1-E955.4)	77	77	-	287	249	36	158	152	5	618	541	70
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	9	9	-	38	30	8	67	61	3	59	52	7
Homicide and legal intervention (E960-E978)	25	25	-	606	131	470	275	135	129	1,083	317	762
Assault by handgun (E965.0)	-	-	-	5	3	2	2	2	-	6	3	3
Assault by all other and unspecified firearms (E965.1-E965.4)	12	12	-	423	74	345	127	51	72	725	171	551
Assault by cutting and piercing instrument (E966)	4	4	-	100	24	76	72	30	40	179	65	113
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	8	8	-	71	28	42	70	48	17	161	73	88
Legal execution (E978)	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	1	1	-	7	2	5	4	4	-	12	5	7
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	6	5	-	64	25	38	167	146	19	118	74	43
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	4	4	-	49	19	29	128	111	15	68	47	21
From poisoning by other solid or liquid substances (E980.6-E980.9)	1	-	-	3	2	1	2	2	-	2	1	1
From injury by handgun (E985.0)	-	-	-	-	-	-	-	-	-	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	-	-	-	3	1	2	1	1	-	8	2	6
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	1	1	-	9	3	6	36	32	4	40	24	15
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Minnesota			Mississippi			Missouri			Montana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	34,776	33,807	516	25,127	16,179	8,880	50,377	44,912	5,294	6,861	6,511	17
I. Infectious and parasitic diseases (001-139)	478	437	27	478	263	214	915	745	168	85	78	-
Intestinal infectious diseases (001-009)	7	6	1	2	1	1	13	13	-	3	3	-
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	1	1	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	3	2	1	1	1	-	-	-	-	2	2	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	3	3	-	-	-	-	10	10	-	1	1	-
Ill-defined intestinal infections (009)	-	-	-	1	-	1	3	3	-	-	-	-
Tuberculosis (010-018)	2	2	-	38	18	20	35	29	5	2	1	-
Tuberculosis of respiratory system (010-012)	1	1	-	27	14	13	27	25	1	2	1	-
Other tuberculosis (013-018)	1	1	-	11	4	7	8	4	4	-	-	-
Zoonotic and other bacterial diseases (020-041)	194	183	8	237	135	102	414	339	74	56	51	-
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	1	1	-	-	-	-
Meningococcal infection (036)	5	5	-	3	2	1	3	2	1	2	2	-
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	181	172	6	226	130	96	382	309	72	53	48	-
All other bacterial diseases (020-022,024-031,039-041)	8	6	2	8	3	5	28	27	1	1	1	-
Viral diseases (*042-*044,045-079)	222	198	15	151	83	68	353	277	76	17	16	-
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	3	-	-	-	-	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	12	9	-	22	16	6	31	28	3	6	5	-
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	207	189	15	129	67	62	322	249	73	11	11	-
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	-	-	-	2	2	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	-	-	-	2	2	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	-	-	-	4	-	4	1	-	1	-	-	-
Syphilis (090-097)	-	-	-	4	-	4	1	-	1	-	-	-
Cardiovascular syphilis (093)	-	-	-	1	-	1	1	-	1	-	-	-
Neurosyphilis (094)	-	-	-	1	-	1	-	-	-	-	-	-
All other syphilis (090-091,095-097)	-	-	-	2	-	2	-	-	-	-	-	-
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	53	48	3	46	26	19	97	85	12	7	7	-
Mycoses (110-118)	22	20	1	29	19	9	47	42	5	4	4	-
Helminthiases (120-129)	-	-	-	1	1	-	-	-	-	-	-	-
Late effects of tuberculosis (137)	7	5	1	2	1	1	4	1	3	-	-	-
Late effects of acute poliomyelitis (138)	8	8	-	-	-	-	6	6	-	-	-	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	16	15	1	14	5	9	40	36	4	3	3	-
II. Neoplasms (140-239)	8,239	8,042	121	5,400	3,616	1,769	11,758	10,464	1,247	1,636	1,581	4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	8,122	7,927	121	5,325	3,562	1,748	11,608	10,332	1,231	1,621	1,566	4
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	124	124	-	99	61	38	149	127	22	24	24	-
Of lip (140)	-	-	-	1	1	-	3	3	-	-	-	-
Of tongue (141)	32	32	-	23	15	8	34	30	4	4	4	-
Of pharynx (146-149.0)	55	55	-	55	31	24	71	58	13	8	8	-
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	37	37	-	20	14	6	41	36	5	12	12	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	1,992	1,946	24	1,211	764	443	2,611	2,277	321	362	344	1
Of esophagus (150)	143	142	1	112	57	54	213	165	46	27	26	-
Of stomach (151)	205	197	4	159	84	75	240	203	35	37	33	-
Of small intestine, including duodenum (152)	14	14	-	10	6	4	22	20	2	-	-	-
Of colon (153)	807	795	10	435	283	152	1,160	1,037	122	144	140	-
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	3	2	1	3	2	1	5	4	1	-	-	-
Descending colon (153.2)	4	4	-	2	2	-	4	4	-	-	-	-
Sigmoid colon (153.3)	14	14	-	3	2	1	16	15	1	3	3	-
Cecum, appendix, and ascending colon (153.4-153.6)	22	22	-	13	6	7	26	25	1	5	5	-
Other and colon, unspecified (153.8-153.9)	764	753	9	414	271	143	1,109	989	119	136	132	-
Of rectum, rectosigmoid junction, and anus (154)	142	139	2	66	44	21	168	150	18	27	24	-
Of liver and intrahepatic bile ducts (155)	144	134	2	122	85	35	174	142	29	26	23	1
Liver, primary (155.0)	85	77	2	45	36	9	67	45	19	13	12	1
Intrahepatic bile ducts (155.1)	14	13	-	7	6	1	37	35	2	4	3	-
Liver, not specified as primary or secondary (155.2)	45	44	-	70	43	25	70	62	8	9	8	-
Of gallbladder and extrahepatic bile ducts (156)	81	78	2	24	17	7	98	86	10	11	10	-
Of pancreas (157)	423	416	2	270	181	89	509	448	58	86	84	-
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	33	31	1	13	7	6	27	26	1	4	4	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	1,988	1,931	42	1,649	1,195	451	3,556	3,153	387	433	420	1
Of larynx (161)	50	50	-	23	15	8	75	61	13	17	17	-
Of trachea, bronchus, and lung (162)	1,912	1,857	40	1,612	1,171	438	3,456	3,069	372	412	399	1
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	26	24	2	14	9	5	25	23	2	4	4	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Minnesota			Mississippi			Missouri			Montana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	972	954	11	510	347	163	1,297	1,175	117	180	171	1
Of bone and articular cartilage (170)	26	26	-	27	15	12	22	19	3	3	3	-
Of connective and other soft tissue (171)	64	62	1	26	18	8	81	72	9	10	9	-
Melanoma of skin (172)	96	93	1	53	50	3	153	150	3	19	18	-
Other malignant neoplasms of skin (173)	37	35	1	25	18	7	54	49	5	2	2	-
Of female breast (174)	747	736	8	378	245	133	981	880	96	146	139	1
Of male breast (175)	2	2	-	1	1	-	6	5	1	-	-	-
Malignant neoplasms of genital organs (179-187)	979	958	13	634	334	296	1,243	1,082	159	198	194	-
Of cervix uteri (180)	51	48	2	54	26	27	115	89	26	9	6	-
Of other parts of uterus (179,181-182)	82	81	1	56	20	35	153	131	22	23	23	-
Of ovary and other uterine adnexa (183)	199	196	1	89	60	28	272	250	21	38	38	-
Of other and unspecified female genital organs (184)	27	26	1	15	8	7	22	20	2	1	1	-
Of prostate (185)	606	593	8	415	217	197	670	581	88	125	124	-
Of testis (186)	6	6	-	1	1	-	8	8	-	2	2	-
Of penis and other male genital organs (187)	8	8	-	4	2	2	3	3	-	-	-	-
Malignant neoplasms of urinary organs (188-189)	351	342	5	198	146	51	495	452	41	76	72	1
Of bladder (188)	153	151	2	104	76	28	236	211	24	37	34	1
Of kidney and other and unspecified urinary organs (189)	198	191	3	94	70	23	259	241	17	39	38	-
Malignant neoplasms of other and unspecified sites (190-199)	782	760	14	583	400	182	1,158	1,048	109	171	167	-
Of eye (190)	3	3	-	5	4	1	5	5	-	3	3	-
Of brain (191)	214	210	3	114	98	16	243	236	7	38	37	-
Of other and unspecified parts of nervous system (192)	7	7	-	2	-	2	8	7	1	2	2	-
Of thyroid gland and other endocrine glands and related structures (193-194)	38	36	2	17	12	5	52	50	2	3	3	-
Of all other and unspecified sites (195-199)	520	504	9	445	286	158	850	750	99	125	122	-
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	934	912	12	441	315	124	1,099	1,018	75	177	174	-
Lymphosarcoma and reticulosarcoma (200)	32	30	1	22	20	2	55	51	3	12	12	-
Hodgkin's disease (201)	30	30	-	16	12	4	33	30	3	-	-	-
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	315	312	1	123	99	24	397	376	21	60	59	-
Multiple myeloma and immunoproliferative neoplasms (203)	179	173	5	85	42	41	181	157	21	33	32	-
Leukemia (204-208)	378	367	5	195	142	53	433	404	27	72	71	-
Lymphoid leukemia (204)	122	121	1	62	41	21	135	126	9	28	27	-
Myeloid leukemia (205)	159	153	2	77	59	18	167	157	9	26	26	-
Monocytic leukemia (206)	6	6	-	1	-	1	6	6	-	2	2	-
Other and unspecified leukemia (207-208)	91	87	2	55	42	13	125	115	9	16	16	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	117	115	-	75	54	21	150	132	16	15	15	-
Benign neoplasms (210-229)	25	24	-	17	12	5	23	20	3	3	3	-
Of female genital organs (218-221)	-	-	-	3	3	-	-	-	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225)	14	14	-	7	5	2	13	11	2	2	2	-
Of all other and unspecified sites (210-217,222-223,226-229)	11	10	-	7	4	3	10	9	1	1	1	-
Carcinoma in situ (230-234)	1	1	-	-	-	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	-	-	-	-	-	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	1	1	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	38	38	-	12	8	4	43	42	1	7	7	-
Neoplasms of unspecified nature (239)	53	52	-	46	34	12	84	70	12	5	5	-
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	937	892	25	649	332	315	1,465	1,244	220	208	194	-
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	872	828	25	596	305	289	1,374	1,163	210	192	178	-
Disorders of thyroid gland (240-246)	12	12	-	6	3	3	21	18	3	3	3	-
Diabetes mellitus (250)	689	655	19	440	222	217	1,091	921	169	155	141	-
Disorders of the pituitary gland and its hypothalamic control (253)	2	2	-	3	3	-	6	5	1	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	6	4	1	2	1	1	7	6	1	-	-	-
Cystic fibrosis (277.0)	5	5	-	8	8	-	8	7	1	3	3	-
Obesity (278.0)	19	18	1	24	14	10	29	21	8	5	5	-
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	139	132	4	113	54	58	212	185	27	26	26	-
Nutritional deficiencies (260-269)	65	64	-	53	27	26	91	81	10	16	16	-
Nutritional marasmus (261)	4	4	-	2	1	1	2	2	-	1	1	-
Other protein-calorie malnutrition (262-263)	55	54	-	47	24	23	81	73	8	13	13	-
All other nutritional deficiencies (260,264-269)	6	6	-	4	2	2	8	6	2	2	2	-
IV. Diseases of blood and blood-forming organs (280-289)	166	163	3	92	57	35	192	168	21	26	26	-
Anemias (280-285)	68	66	2	46	21	25	85	73	12	11	11	-
Deficiency anemias (280-281)	6	6	-	2	1	1	7	7	-	2	2	-
Hemolytic anemias (282-283)	9	7	2	18	4	14	15	7	8	-	-	-
Aplastic anemia (284)	23	23	-	13	9	4	31	31	-	2	2	-
Other and unspecified anemias (285)	30	30	-	13	7	6	32	28	4	7	7	-
Purpura and other hemorrhagic conditions (287)	11	11	-	7	7	-	16	13	1	1	1	-
All other diseases of blood and blood-forming organs (286,288-289)	87	86	1	39	29	10	91	82	8	14	14	-
V. Mental disorders (290-319)	785	769	8	204	137	66	634	552	81	125	117	-
Senile and presenile organic psychotic conditions (290)	323	321	2	42	33	9	217	203	14	53	53	-
Alcoholic psychoses (291)	8	8	-	6	3	3	6	4	2	3	2	-
All other psychoses (292-299)	206	201	3	23	20	3	107	99	8	25	24	-
Alcohol dependence syndrome (303)	86	81	-	65	32	32	105	70	35	18	13	-
Drug dependence (304)	-	-	-	-	-	-	-	-	-	1	1	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	153	149	3	63	46	17	183	162	20	25	24	-
Mental retardation (317-319)	9	9	-	5	3	2	16	14	2	-	-	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Minnesota			Mississippi			Missouri			Montana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	921	908	4	369	248	121	884	819	65	190	189	-
Diseases of the nervous system (320-359)	919	906	4	368	247	121	882	817	65	189	186	-
Meningitis (320-322)	8	8	-	13	3	10	25	22	3	4	4	-
Parkinson's disease (332)	220	218	1	42	37	5	171	167	4	26	26	-
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	499	496	-	185	138	47	406	383	23	118	118	-
Multiple sclerosis (340)	41	41	-	11	7	4	31	29	2	8	8	-
Infantile cerebral palsy (343)	11	11	-	12	4	8	20	18	2	1	1	-
Epilepsy (345)	19	17	-	35	10	25	43	35	8	5	5	-
Other diseases of the nervous system (323-326,341-342,344,346-359)	121	115	3	70	48	22	186	163	23	27	26	-
Disorders of the eye and adnexa (360-379)	2	2	-	-	-	-	1	1	-	-	-	-
Diseases of the ear and mastoid process (380-389)	-	-	-	1	1	-	1	1	-	1	1	-
VII. Diseases of the circulatory system (390-459)	14,761	14,533	117	11,550	7,562	3,967	22,615	20,518	2,036	2,656	2,574	5
Rheumatic fever and rheumatic heart disease (390-398)	93	92	-	41	32	9	120	109	10	26	24	-
Acute rheumatic fever (390-392)	1	1	-	1	1	-	3	3	-	-	-	-
Chronic rheumatic heart disease (393-398)	92	91	-	40	31	9	117	106	10	26	24	-
Diseases of mitral valve (394)	39	38	-	23	19	4	65	59	6	12	11	-
Diseases of aortic valve (395)	2	2	-	1	-	1	2	2	-	-	-	-
Diseases of mitral and aortic valves (396)	25	25	-	12	9	3	18	16	1	3	3	-
All other chronic rheumatic heart disease (393,397-398)	26	26	-	4	3	1	32	29	3	11	10	-
Hypertensive disease (401-404)	414	403	9	450	204	246	702	524	177	64	63	1
Essential hypertension (401)	140	138	1	48	14	34	93	82	10	12	12	-
Hypertensive heart disease (402)	175	169	5	328	156	172	454	329	125	41	41	-
Hypertensive renal disease (403)	78	76	2	32	13	19	105	77	28	7	6	1
Hypertensive heart and renal disease (404)	21	20	1	42	21	21	50	36	14	4	4	-
Ischemic heart disease (410-414)	7,812	7,691	61	4,863	3,468	1,388	12,854	11,787	1,031	1,279	1,244	1
Acute myocardial infarction (410)	3,575	3,523	27	3,212	2,235	973	6,430	5,950	466	699	682	1
Other acute and subacute forms of ischemic heart disease (411)	17	15	1	15	6	9	24	22	2	3	2	-
Angina pectoris (413)	25	24	-	17	16	1	19	15	4	2	2	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	4,195	4,129	33	1,619	1,211	405	6,381	5,800	559	575	558	-
Diseases of pulmonary circulation (415-417)	193	188	4	191	121	69	292	251	41	34	32	-
Other forms of heart disease (420-429)	2,483	2,447	17	3,755	2,293	1,457	4,054	3,662	380	595	567	3
Acute and subacute endocarditis (421)	17	16	1	11	7	4	11	8	3	2	2	-
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	9	9	-	7	5	2	17	11	6	3	2	-
Other diseases of endocardium (424)	266	265	-	79	67	12	310	291	19	55	53	1
Mitral valve disorders (424.0)	40	40	-	18	16	2	74	70	4	7	7	-
Aortic valve disorders (424.1)	164	163	-	45	38	7	173	165	8	28	27	1
All other diseases of endocardium (424.2-424.9)	62	62	-	16	13	3	63	56	7	20	19	-
Heart failure (428)	680	675	-	816	538	278	1,086	1,023	57	175	174	-
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	21	21	-	10	5	5	23	18	5	8	8	-
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	1,490	1,461	16	2,832	1,671	1,156	2,607	2,311	290	352	328	2
Cerebrovascular diseases (430-438)	2,837	2,791	21	1,816	1,135	674	3,446	3,131	307	493	482	-
Subarachnoid hemorrhage (430)	117	113	1	60	42	18	163	132	29	17	16	-
Intracerebral and other intracranial hemorrhage (431-432)	322	309	5	250	137	110	482	413	67	60	60	-
Occlusion and stenosis of precerebral arteries (433)	23	23	-	15	13	2	35	31	4	2	2	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	287	284	1	200	152	48	458	430	27	48	47	-
Cerebral embolism (434.1)	12	12	-	7	5	2	16	15	1	2	2	-
Acute but ill-defined cerebrovascular disease (436)	1,790	1,768	13	1,166	706	456	1,919	1,763	154	309	302	-
Other and late effects of cerebrovascular diseases (435,437-438)	286	282	1	118	80	38	373	347	25	55	53	-
Diseases of arteries, arterioles, and capillaries (440-448)	855	848	5	371	274	96	1,037	958	77	154	151	-
Atherosclerosis (440)	357	354	2	142	110	32	422	398	24	67	67	-
Aortic aneurysm (441)	326	323	2	130	105	24	408	373	34	61	59	-
All other diseases of arteries, arterioles, and capillaries (442-448)	172	171	1	99	59	40	207	187	19	26	25	-
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	74	73	-	63	35	28	110	96	13	11	11	-
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	23	22	-	19	10	9	53	48	4	8	8	-
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	51	51	-	44	25	19	57	48	9	3	3	-
VIII. Diseases of the respiratory system (460-519)	3,331	3,248	45	2,052	1,523	525	4,784	4,472	296	730	698	-
Diseases of the upper respiratory tract (460-465,470-478)	5	3	2	10	7	3	18	17	1	8	8	-
Acute upper respiratory infections (460-465)	3	1	2	5	4	1	6	5	1	5	5	-
Other diseases of upper respiratory tract (470-478)	2	2	-	5	3	2	12	12	-	3	3	-
Other diseases of the respiratory system (466,480-519)	3,326	3,245	43	2,042	1,516	522	4,766	4,455	295	722	690	-
Acute bronchitis and bronchiolitis (466)	7	7	-	6	5	1	16	13	3	2	2	-
Pneumonia (480-486)	1,385	1,357	15	838	585	252	1,957	1,816	132	224	207	-
Viral pneumonia (480)	12	12	-	6	3	3	14	14	-	2	2	-
Pneumococcal and other bacterial pneumonia (481-482)	91	87	2	52	34	18	113	99	14	9	6	-
Bronchopneumonia, organism unspecified (485)	83	80	1	50	39	11	137	128	9	21	19	-
Pneumonia due to other and unspecified organism (483,486)	1,199	1,178	12	730	509	220	1,693	1,575	109	192	180	-
Influenza (487)	78	78	-	33	23	10	79	76	3	14	14	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	1,434	1,399	19	880	708	171	2,124	2,016	103	389	379	-
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	369	360	7	211	153	58	464	435	28	100	96	-
Bronchitis, not specified as acute or chronic (490)	15	15	-	8	4	4	14	13	1	2	1	-
Chronic bronchitis (491)	46	46	-	29	26	3	54	53	1	13	13	-
Emphysema (492)	209	206	2	126	105	21	306	297	9	58	56	-
Asthma (493)	99	93	5	48	18	30	90	72	17	27	26	-
Bronchiectasis and extrinsic allergic alveolitis (494-495)	11	11	-	10	9	1	17	17	-	1	1	-
Chronic airways obstruction, not elsewhere classified (496)	1,054	1,028	12	659	546	112	1,643	1,564	75	288	282	-
Pneumoconioses and other lung diseases due to external agents (500-508)	141	136	3	105	68	37	236	209	27	36	35	-
Empyema and abscess of lung and mediastinum (510,513)	6	5	1	10	4	6	8	6	1	2	2	-
Pleurisy (511)	12	12	-	12	8	4	21	19	2	2	2	-
All other diseases of respiratory system (512,514-519)	263	251	5	158	115	41	325	300	24	53	49	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Minnesota			Mississippi			Missouri			Montana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	1,105	1,071	11	736	495	239	1,618	1,416	190	268	237	1
Diseases of oral cavity, salivary glands, and jaws (520-529)	3	3	-	3	1	2	2	2	-	-	-	-
Diseases of other parts of the digestive system (530-579)	1,102	1,068	11	733	494	237	1,616	1,414	190	268	237	1
Ulcer of stomach and duodenum (531-533)	123	123	-	76	50	26	131	122	8	22	21	-
Gastric ulcer (531)	48	48	-	28	16	12	50	46	3	7	7	-
Duodenal ulcer (532)	43	43	-	20	15	5	39	36	3	7	6	-
Peptic ulcer, site unspecified (533)	32	32	-	28	19	9	42	40	2	8	8	-
Gastritis and duodenitis (535)	5	5	-	9	6	3	10	8	2	2	2	-
Appendicitis (540-543)	9	9	-	8	5	3	9	8	1	4	4	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	90	89	1	67	41	26	153	133	18	23	22	-
Regional enteritis and idiopathic proctocolitis (555-556)	11	11	-	7	6	1	18	17	1	2	2	-
All other noninfective gastroenteritis and colitis (557-558)	138	133	1	73	58	15	191	176	15	34	33	-
Diverticula of intestine (562)	46	46	-	20	15	5	72	71	1	12	12	-
Chronic liver disease and cirrhosis (571)	294	280	3	210	147	62	418	351	61	85	62	-
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	152	140	3	79	48	30	176	146	28	43	29	-
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	17	17	-	8	8	-	27	24	3	6	4	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	125	123	-	123	91	32	215	181	30	36	29	-
Cholelithiasis and other disorders of gallbladder (574-575)	54	51	-	36	27	9	94	84	10	12	11	-
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	332	321	6	227	139	87	520	444	73	72	68	1
X. Diseases of the genitourinary system (580-629)	503	485	9	590	331	255	899	771	126	93	86	-
Diseases of urinary system (580-599)	488	470	9	579	325	250	882	757	123	89	82	-
Nephritis, nephrotic syndrome, and nephrosis (580-589)	305	297	4	329	182	146	512	445	65	48	45	-
Acute glomerulonephritis (580)	-	-	-	1	-	1	1	1	-	-	-	-
Nephrotic syndrome (581)	5	5	-	5	1	4	1	1	-	1	1	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	18	18	-	26	9	17	26	22	4	5	5	-
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	282	274	4	297	172	124	484	421	61	42	39	-
Infections of kidney (590)	11	10	-	28	15	12	29	28	1	3	3	-
Urinary calculus (592,594)	4	4	-	4	2	2	4	4	-	-	-	-
All other diseases of urinary system (591,593,595-599)	168	159	5	218	126	90	337	280	57	38	34	-
Diseases of male genital organs (600-608)	11	11	-	7	5	2	14	11	3	2	2	-
Hyperplasia of prostate (600)	7	7	-	4	3	1	12	10	2	2	2	-
Other diseases of male genital organs (601-608)	4	4	-	3	2	1	2	1	1	-	-	-
Disorders of breast (610-611)	1	1	-	-	-	-	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	3	3	-	4	1	3	3	3	-	2	2	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	2	2	-	6	-	6	4	3	1	-	-	-
Pregnancy with abortive outcome (630-638)	-	-	-	1	-	1	-	-	-	-	-	-
Ectopic pregnancy (633)	-	-	-	1	-	1	-	-	-	-	-	-
Spontaneous abortion (634)	-	-	-	-	-	-	-	-	-	-	-	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	-	-	-	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	2	2	-	5	-	5	3	2	1	-	-	-
Hemorrhage of pregnancy and childbirth (640-641,666)	1	1	-	-	-	-	-	-	-	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	1	1	-	2	-	2	-	-	-	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	2	-	2	-	-	-	-	-	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	1	-	1	3	2	1	-	-	-
Indirect obstetric causes (647-648)	-	-	-	-	-	-	1	1	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	35	33	1	81	31	50	59	48	11	6	6	-
Infections of skin and subcutaneous tissue (680-686)	14	13	1	13	5	8	20	18	2	-	-	-
All other diseases of skin and subcutaneous tissue (690-709)	21	20	-	68	26	42	39	30	9	6	6	-
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	164	159	4	77	47	30	202	174	28	44	40	-
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	51	50	-	10	8	2	49	47	2	13	12	-
Other arthropathies and related disorders (710-712,715-719)	58	55	3	37	21	16	94	79	15	19	16	-
Dorsopathies (720-724)	4	4	-	-	-	-	4	3	1	4	4	-
Rheumatism, excluding the back (725-729)	8	8	-	16	9	7	12	10	2	2	2	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	43	42	1	14	9	5	43	35	8	6	6	-
XIV. Congenital anomalies (740-759)	237	217	13	158	85	70	273	228	43	40	34	-
Spina bifida (741)	2	2	-	1	1	-	3	2	1	1	1	-
All other congenital anomalies of nervous system (740,742)	34	30	2	15	6	9	31	26	4	5	4	-
Congenital anomalies of heart (745-746)	79	71	5	59	33	25	100	82	17	11	9	-
Other congenital anomalies of circulatory system (747)	18	18	-	18	7	11	23	18	5	6	5	-
All other congenital anomalies (743-744,748-759)	104	96	6	65	38	25	116	100	16	17	15	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Minnesota			Mississippi			Missouri			Montana		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	189	157	26	236	68	167	322	200	121	32	24	-
Birth trauma (767)	-	-	-	3	1	2	6	4	2	-	-	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	38	33	4	73	28	45	60	35	24	10	9	-
Other conditions originating in the perinatal period (760-766,770-779)	151	124	22	160	39	120	256	161	95	22	15	-
XVI. Symptoms, signs, and ill-defined conditions (780-799)	739	693	28	269	126	142	357	272	85	112	101	1
Senility without mention of psychosis (797)	77	77	-	4	4	-	19	18	1	16	16	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	662	616	28	265	122	142	338	254	84	96	85	1
Supplementary classification of external causes of injury and poisoning (E800-E999)	2,184	1,998	74	2,180	1,258	909	3,396	2,818	555	610	526	6
Accidents and adverse effects (E800-E949)	1,465	1,386	22	1,493	891	593	2,171	1,927	228	398	337	3
Transport accidents (E800-E848)	697	649	7	892	548	337	1,120	1,013	94	222	176	1
Railway accidents (E800-E807)	7	7	-	10	6	3	10	9	1	7	3	-
Motor vehicle accidents (E810-E825)	660	614	7	857	523	329	1,082	978	91	205	163	1
Motor vehicle traffic accidents (E810-E819)	627	581	7	843	516	322	1,073	970	90	197	155	1
Involving collision with train (E810)	17	17	-	16	10	6	26	23	3	8	8	-
Involving collision with another motor vehicle (E811-E812)	277	263	-	323	206	117	436	396	31	66	55	-
Involving collision with pedestrian (E814)	81	68	4	75	35	39	107	89	15	15	13	-
Involving collision with other vehicle or object (E813,E815)	33	32	1	91	57	34	316	291	25	14	11	-
Not involving collision on highway (E816-E818)	165	150	1	217	132	81	143	132	10	80	59	1
Motor vehicle traffic accident of unspecified nature (E819)	54	51	1	121	76	45	45	39	6	14	9	-
Motor vehicle nontraffic accidents (E820-E825)	33	33	-	14	7	7	9	8	1	8	8	-
Other road vehicle accidents (E826-E829)	2	2	-	4	2	2	4	4	-	3	3	-
Water transport accidents (E830-E838)	13	11	-	20	16	3	15	13	2	1	1	-
Air and space transport accidents (E840-E845)	14	14	-	1	1	-	9	9	-	6	6	-
Vehicle accidents not elsewhere classifiable (E846-E848)	1	1	-	-	-	-	-	-	-	-	-	-
Accidental poisoning (E850-E869)	90	83	3	41	25	16	101	80	21	13	13	-
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	39	37	2	24	18	6	66	50	16	6	6	-
Accidental poisoning by other solid or liquid substances (E860-E866)	21	18	1	5	1	4	14	13	1	-	-	-
Accidental poisoning by gases and vapors (E867-E869)	30	28	-	12	6	6	21	17	4	7	7	-
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	38	37	1	26	12	14	65	58	7	1	1	-
Accidental falls (E880-E888)	346	341	2	100	78	22	370	347	23	55	53	-
Fall from one level to another (E880-E884)	70	70	-	25	16	9	76	72	4	16	15	-
Fall on same level (E885-E886)	5	4	1	3	2	1	15	15	-	1	1	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	271	267	1	72	60	12	279	260	19	38	37	-
Accidents caused by fire and flames (E890-E899)	37	33	4	98	38	60	103	84	17	14	11	1
Other accidents, including late effects (E900-E929)	250	238	4	334	189	143	407	340	66	93	83	1
Lightning (E907)	-	-	-	3	2	1	3	3	-	-	-	-
Accidental drowning and submersion (E910)	38	38	-	77	40	37	77	61	15	16	15	-
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	56	54	1	62	38	24	70	59	11	11	8	-
Accident caused by handgun (E922.0)	1	1	-	22	15	7	9	7	2	4	3	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	19	16	1	31	18	13	26	19	7	9	9	-
Accident caused by explosive material (E923)	2	2	-	7	4	3	3	2	1	3	3	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	1	1	-	6	1	5	4	3	1	-	-	-
Accident caused by electric current (E925)	8	8	-	12	7	5	22	18	4	5	5	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	125	118	2	114	64	48	193	168	25	45	40	1
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	7	5	1	2	1	1	5	5	-	-	-	-
Suicide (E950-E959)	546	509	10	289	243	46	708	663	41	167	151	2
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	58	54	1	15	12	3	53	50	3	10	10	-
Suicide by other solid or liquid substances (E950.6-E950.9)	7	4	-	1	-	1	5	5	-	-	-	-
Suicide by gases and vapors (E951-E952)	83	80	-	6	6	-	64	64	-	20	20	-
Suicide by hanging, strangulation, and suffocation (E953)	81	67	3	22	14	8	84	74	8	20	14	1
Suicide by handgun (E955.0)	21	20	-	77	65	12	200	184	14	13	12	1
Suicide by all other and unspecified firearms (E955.1-E955.4)	262	253	4	157	140	17	284	270	14	98	91	-
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	34	31	2	11	6	5	18	16	2	6	4	-
Homicide and legal intervention (E960-E978)	139	75	40	379	115	260	481	199	280	36	31	1
Assault by handgun (E965.0)	3	2	1	95	20	74	80	48	32	3	3	-
Assault by all other and unspecified firearms (E965.1-E965.4)	62	34	22	154	56	95	249	69	179	21	20	1
Assault by cutting and piercing instrument (E966)	29	10	8	71	13	58	56	24	31	3	1	-
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	44	29	8	58	26	32	89	52	37	7	5	-
Legal execution (E978)	-	-	-	-	-	-	3	3	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	1	-	1	1	-	1	4	3	1	2	2	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	34	28	2	18	9	9	36	29	6	9	7	-
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	9	9	-	3	3	-	9	5	3	3	3	-
From poisoning by other solid or liquid substances (E980.6-E980.9)	2	2	-	-	-	-	-	-	-	-	-	-
From injury by handgun (E985.0)	1	1	-	4	1	3	6	5	1	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	4	4	-	3	1	2	7	6	1	1	1	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	18	12	2	8	4	4	14	13	1	5	3	-
Injury resulting from operations of war (E990-E999)	-	-	-	1	-	1	-	-	-	-	-	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Nebraska			Nevada			New Hampshire			New Jersey		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	14,769	14,272	394	9,318	8,618	514	8,488	8,446	32	70,383	60,661	9,071
I. Infectious and parasitic diseases (001-139)	173	153	18	204	183	18	108	107	1	3,128	1,935	1,145
Intestinal infectious diseases (001-009)	2	1	1	1	–	–	1	1	–	26	26	–
Cholera and typhoid and paratyphoid fevers (001-002)	–	–	–	–	–	–	–	–	–	–	–	–
Shigellosis (004)	–	–	–	–	–	–	–	–	–	–	–	–
Other salmonella infections and other food poisoning (bacterial) (003,005)	–	–	–	1	–	–	–	–	–	5	5	–
Amebiasis (006)	–	–	–	–	–	–	–	–	–	–	–	–
Intestinal infections due to other specified organisms (007-008)	1	1	–	–	–	–	–	–	–	14	14	–
Ill-defined intestinal infections (009)	1	–	1	–	–	–	1	1	–	7	7	–
Tuberculosis (010-018)	2	1	–	4	3	1	2	2	–	64	28	30
Tuberculosis of respiratory system (010-012)	1	–	–	3	3	–	1	1	–	54	27	22
Other tuberculosis (013-018)	1	1	–	1	–	1	1	1	–	10	1	8
Zoonotic and other bacterial diseases (020-041)	93	85	7	96	90	6	55	54	1	1,160	995	157
Brucellosis (023)	–	–	–	–	–	–	–	–	–	–	–	–
Diphtheria (032)	–	–	–	–	–	–	–	–	–	–	–	–
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	1	1	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	3	3	–	1	1	–	8	8	–
Tetanus (037)	–	–	–	–	–	–	–	–	–	–	–	–
Septicemia (038)	86	78	7	89	83	6	52	51	1	1,111	952	151
All other bacterial diseases (020-022,024-031,039-041)	6	6	–	4	4	–	2	2	–	41	35	6
Viral diseases (*042-*044,045-079)	52	45	7	94	84	9	38	38	–	1,705	783	895
Acute poliomyelitis (045)	–	–	–	–	–	–	–	–	–	–	–	–
Smallpox (050)	–	–	–	–	–	–	–	–	–	–	–	–
Measles (055)	–	–	–	–	–	–	–	–	–	1	1	–
Rubella (056)	–	–	–	–	–	–	–	–	–	–	–	–
Arthropod-borne encephalitis (062-064)	–	–	–	–	–	–	–	–	–	–	–	–
Viral hepatitis (070)	13	11	2	4	4	–	2	2	–	70	52	16
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	39	34	5	90	80	9	36	36	–	1,634	730	879
Rickettsioses and other arthropod-borne diseases (080-088)	–	–	–	–	–	–	–	–	–	3	3	–
Typhus and other rickettsioses (080-083)	–	–	–	–	–	–	–	–	–	–	–	–
Malaria (084)	–	–	–	–	–	–	–	–	–	–	–	–
All other arthropod-borne diseases (085-088)	–	–	–	–	–	–	–	–	–	3	3	–
Syphilis and other venereal diseases (090-099)	–	–	–	–	–	–	–	–	–	8	2	6
Syphilis (090-097)	–	–	–	–	–	–	–	–	–	8	2	6
Cardiovascular syphilis (093)	–	–	–	–	–	–	–	–	–	–	–	–
Neurosyphilis (094)	–	–	–	–	–	–	–	–	–	4	1	3
All other syphilis (090-091,095-097)	–	–	–	–	–	–	–	–	–	4	1	3
Gonococcal infections (098)	–	–	–	–	–	–	–	–	–	–	–	–
Other venereal diseases (099)	–	–	–	–	–	–	–	–	–	–	–	–
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	24	21	3	9	6	2	12	12	–	162	98	57
Mycoses (110-118)	10	9	1	1	–	–	5	5	–	79	52	21
Helminthiases (120-129)	–	–	–	–	–	–	–	–	–	1	1	–
Late effects of tuberculosis (137)	1	1	–	–	–	–	1	1	–	9	6	3
Late effects of acute poliomyelitis (138)	3	3	–	1	1	–	1	1	–	2	2	–
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	10	8	2	7	5	2	5	5	–	71	37	33
II. Neoplasms (140-239)	3,339	3,251	74	2,268	2,143	96	2,157	2,144	11	18,252	16,118	1,998
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	3,299	3,212	73	2,248	2,124	96	2,122	2,109	11	17,931	15,830	1,966
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	44	43	1	34	30	4	34	34	–	306	244	58
Of lip (140)	3	3	–	–	–	–	1	1	–	2	2	–
Of tongue (141)	13	13	–	12	11	1	6	6	–	70	54	16
Of pharynx (146-149.0)	18	17	1	10	8	2	17	17	–	148	115	29
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	10	10	–	12	11	1	10	10	–	86	73	13
Malignant neoplasms of digestive organs and peritoneum (150-159)	799	782	15	510	477	22	506	500	4	4,542	4,004	493
Of esophagus (150)	67	60	7	37	32	4	40	39	–	315	245	66
Of stomach (151)	81	79	1	53	46	5	63	61	1	581	482	86
Of small intestine, including duodenum (152)	9	9	–	2	2	–	4	3	1	37	32	5
Of colon (153)	323	320	3	210	199	8	193	191	2	1,909	1,728	169
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	1	1	–	–	–	–	–	–	–	3	2	1
Descending colon (153.2)	–	–	–	–	–	–	1	1	–	8	8	–
Sigmoid colon (153.3)	10	10	–	1	1	–	6	6	–	45	43	2
Cecum, appendix, and ascending colon (153.4-153.6)	9	9	–	3	3	–	2	2	–	46	45	1
Other and colon, unspecified (153.8-153.9)	303	300	3	206	195	8	184	182	2	1,807	1,630	165
Of rectum, rectosigmoid junction, and anus (154)	58	57	1	26	25	–	40	40	–	305	274	31
Of liver and intrahepatic bile ducts (155)	39	39	–	38	36	–	31	31	–	265	229	29
Liver, primary (155.0)	18	18	–	16	15	–	17	17	–	126	107	14
Intrahepatic bile ducts (155.1)	8	8	–	6	6	–	4	4	–	43	38	4
Liver, not specified as primary or secondary (155.2)	13	13	–	16	15	–	10	10	–	96	84	11
Of gallbladder and extrahepatic bile ducts (156)	40	40	–	12	11	1	14	14	–	176	166	9
Of pancreas (157)	162	158	3	121	116	3	97	97	–	886	786	93
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	20	20	–	11	10	1	24	24	–	68	62	5
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	890	857	29	734	703	25	546	544	2	4,897	4,312	556
Of larynx (161)	21	20	1	14	13	1	17	17	–	136	111	25
Of trachea, bronchus, and lung (162)	862	830	28	713	683	24	527	525	2	4,712	4,155	528
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	7	7	–	7	7	–	2	2	–	49	46	3

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Nebraska			Nevada			New Hampshire			New Jersey		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	387	380	7	247	237	7	278	277	1	2,093	1,864	210
Of bone and articular cartilage (170)	6	6	-	6	6	-	4	4	-	48	42	2
Of connective and other soft tissue (171)	19	19	-	9	9	-	17	16	1	115	99	14
Melanoma of skin (172)	37	37	-	48	48	-	31	31	-	209	205	3
Other malignant neoplasms of skin (173)	12	12	-	13	13	-	7	7	-	63	56	7
Of female breast (174)	312	305	7	169	159	7	218	218	-	1,642	1,450	180
Of male breast (175)	1	1	-	2	2	-	1	1	-	16	12	4
Malignant neoplasms of genital organs (179-187)	377	367	9	200	183	13	232	230	2	2,077	1,763	300
Of cervix uteri (180)	24	22	1	18	11	5	20	20	-	162	118	38
Of other parts of uterus (179,181-182)	47	47	-	27	25	1	19	19	-	233	197	35
Of ovary and other uterine adnexa (183)	74	73	1	35	32	2	59	58	1	493	442	46
Of other and unspecified female genital organs (184)	8	8	-	1	1	-	4	4	-	42	36	6
Of prostate (185)	219	212	7	116	112	4	129	128	1	1,126	952	172
Of testis (186)	2	2	-	1	1	-	1	1	-	12	11	1
Of penis and other male genital organs (187)	3	3	-	2	1	1	-	-	-	9	7	2
Malignant neoplasms of urinary organs (188-189)	140	138	2	90	86	4	106	106	-	754	701	52
Of bladder (188)	63	62	1	42	41	1	58	58	-	399	376	23
Of kidney and other and unspecified urinary organs (189)	77	76	1	48	45	3	48	48	-	355	325	29
Malignant neoplasms of other and unspecified sites (190-199)	324	315	6	262	250	11	219	218	1	1,652	1,481	159
Of eye (190)	2	2	-	2	2	-	-	-	-	9	9	-
Of brain (191)	82	81	-	36	34	2	39	38	1	316	298	15
Of other and unspecified parts of nervous system (192)	-	-	-	1	1	-	-	-	-	10	9	1
Of thyroid gland and other endocrine glands and related structures (193-194)	16	16	-	10	10	-	7	7	-	53	47	5
Of all other and unspecified sites (195-199)	224	216	6	213	203	9	173	173	-	1,264	1,118	138
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	338	330	4	171	158	10	201	200	1	1,610	1,461	138
Lymphosarcoma and reticulosarcoma (200)	11	10	-	8	7	1	17	17	-	48	44	4
Hodgkin's disease (201)	9	9	-	6	6	-	6	6	-	80	72	8
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	136	133	1	66	64	1	69	69	-	602	555	41
Multiple myeloma and immunoproliferative neoplasms (203)	57	56	-	33	28	5	39	38	1	308	258	47
Leukemia (204-208)	125	122	3	58	53	3	70	70	-	572	532	38
Lymphoid leukemia (204)	45	44	1	17	17	-	22	22	-	162	152	10
Myeloid leukemia (205)	52	50	2	20	16	2	28	28	-	207	195	10
Monocytic leukemia (206)	1	1	-	2	2	-	1	1	-	6	5	1
Other and unspecified leukemia (207-208)	27	27	-	19	18	1	19	19	-	197	180	17
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	40	39	1	20	19	-	35	35	-	321	288	32
Benign neoplasms (210-229)	10	10	-	3	2	-	9	9	-	57	47	9
Of female genital organs (218-221)	-	-	-	-	-	-	1	1	-	1	1	-
Of eye, brain, and other parts of nervous system (224-225)	6	6	-	1	1	-	4	4	-	35	30	4
Of all other and unspecified sites (210-217,222-223,226-229)	4	4	-	2	1	-	4	4	-	21	16	5
Carcinoma in situ (230-234)	-	-	-	1	1	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	-	-	-	1	1	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	12	12	-	5	5	-	7	7	-	51	46	5
Neoplasms of unspecified nature (239)	18	17	1	11	11	-	19	19	-	213	195	18
III. Endocrine, nutritional, and metabolic diseases and *immunity disorders (240-279)*	342	325	14	224	208	11	277	276	1	2,753	2,255	478
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	314	297	14	202	188	10	262	261	1	2,669	2,184	465
Disorders of thyroid gland (240-246)	2	2	-	8	8	-	5	5	-	59	52	7
Diabetes mellitus (250)	255	240	12	153	139	10	199	199	-	2,070	1,692	361
Disorders of the pituitary gland and its hypothalamic control (253)	-	-	-	-	-	-	-	-	-	14	13	1
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	2	2	-	-	-	-	1	1	-	9	5	4
Cystic fibrosis (277.0)	-	-	-	2	2	-	-	-	-	13	12	1
Obesity (278.0)	4	4	-	1	1	-	6	6	-	44	35	9
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	51	49	2	38	38	-	51	50	1	460	375	82
Nutritional deficiencies (260-269)	28	28	-	22	20	1	15	15	-	84	71	13
Nutritional marasmus (261)	3	3	-	2	2	-	1	1	-	6	2	4
Other protein-calorie malnutrition (262-263)	23	23	-	20	18	1	12	12	-	70	62	8
All other nutritional deficiencies (260,264-269)	2	2	-	-	-	-	2	2	-	8	7	1
IV. Diseases of blood and blood-forming organs (280-289)	72	68	4	34	29	5	31	30	1	347	272	72
Anemias (280-285)	29	26	3	13	10	3	12	12	-	176	128	46
Deficiency anemias (280-281)	3	3	-	-	-	-	-	-	-	11	8	3
Hemolytic anemias (282-283)	6	3	3	3	-	3	-	-	-	34	17	17
Aplastic anemia (284)	6	6	-	5	5	-	7	7	-	39	34	4
Other and unspecified anemias (285)	14	14	-	5	5	-	5	5	-	92	69	22
Purpura and other hemorrhagic conditions (287)	9	9	-	3	2	1	1	1	-	41	32	9
All other diseases of blood and blood-forming organs (286,288-289)	34	33	1	18	17	1	18	17	1	130	112	17
V. Mental disorders (290-319)	207	201	3	134	126	6	143	141	2	557	447	106
Senile and presenile organic psychotic conditions (290)	58	57	1	14	13	1	58	57	1	151	143	7
Alcoholic psychoses (291)	2	2	-	2	2	-	1	1	-	4	1	3
All other psychoses (292-299)	40	39	1	8	8	-	33	32	1	77	68	9
Alcohol dependence syndrome (303)	22	19	1	80	74	4	21	21	-	112	72	39
Drug dependence (304)	1	1	-	2	2	-	-	-	-	20	11	9
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	82	81	-	27	26	1	30	30	-	189	148	39
Mental retardation (317-319)	2	2	-	1	1	-	-	-	-	4	4	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Nebraska			Nevada			New Hampshire			New Jersey		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	317	307	8	151	141	6	233	233	-	1,108	981	117
Diseases of the nervous system (320-359)	315	305	8	151	141	6	231	231	-	1,103	978	116
Meningitis (320-322)	5	4	1	8	6	1	3	3	-	29	18	10
Parkinson's disease (332)	58	56	1	25	25	-	43	43	-	210	202	7
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	179	176	2	70	66	2	150	150	-	500	471	26
Multiple sclerosis (340)	6	6	-	7	7	-	8	8	-	60	53	6
Infantile cerebral palsy (343)	7	7	-	3	3	-	2	2	-	17	14	3
Epilepsy (345)	11	11	-	1	1	-	5	5	-	24	16	8
Other diseases of the nervous system (323-326,341-342,344,346-359)	49	45	4	37	33	3	20	20	-	263	204	56
Disorders of the eye and adnexa (360-379)	2	2	-	-	-	-	1	1	-	-	-	-
Diseases of the ear and mastoid process (380-389)	-	-	-	-	-	-	1	1	-	5	3	1
VII. Diseases of the circulatory system (390-459)	6,612	6,439	143	3,590	3,349	189	3,611	3,601	7	29,282	26,347	2,728
Rheumatic fever and rheumatic heart disease (390-398)	50	50	-	38	34	3	27	27	-	255	237	18
Acute rheumatic fever (390-392)	-	-	-	-	-	-	-	-	-	1	1	-
Chronic rheumatic heart disease (393-398)	50	50	-	38	34	3	27	27	-	254	236	18
Diseases of mitral valve (394)	23	23	-	16	14	2	10	10	-	98	90	8
Diseases of aortic valve (395)	3	3	-	-	-	-	2	2	-	4	3	1
Diseases of mitral and aortic valves (396)	9	9	-	8	7	-	2	2	-	54	50	4
All other chronic rheumatic heart disease (393,397-398)	15	15	-	14	13	1	13	13	-	98	93	5
Hypertensive disease (401-404)	156	145	10	276	238	33	94	93	1	1,036	796	228
Essential hypertension (401)	30	29	-	20	19	1	15	14	1	119	81	36
Hypertensive heart disease (402)	89	80	9	242	206	31	58	58	-	730	591	130
Hypertensive renal disease (403)	26	25	1	9	8	1	14	14	-	95	67	27
Hypertensive heart and renal disease (404)	11	11	-	5	5	-	7	7	-	92	57	35
Ischemic heart disease (410-414)	3,149	3,068	68	1,323	1,266	47	1,813	1,811	1	16,792	15,478	1,218
Acute myocardial infarction (410)	1,536	1,516	15	591	565	20	946	945	-	8,224	7,532	645
Other acute and subacute forms of ischemic heart disease (411)	5	5	-	8	8	-	1	1	-	47	40	7
Angina pectoris (413)	8	8	-	1	1	-	-	-	-	34	31	3
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	1,600	1,539	53	723	692	27	866	865	1	8,487	7,875	563
Diseases of pulmonary circulation (415-417)	106	105	1	39	33	4	32	32	-	398	325	69
Other forms of heart disease (420-429)	1,634	1,589	35	1,217	1,139	57	855	851	3	5,392	4,764	596
Acute and subacute endocarditis (421)	3	3	-	3	3	-	-	-	-	26	24	1
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	5	5	-	5	5	-	3	3	-	23	19	4
Other diseases of endocardium (424)	103	98	5	59	55	4	71	70	1	536	492	42
Mitral valve disorders (424.0)	11	11	-	10	10	-	7	7	-	59	53	6
Aortic valve disorders (424.1)	74	69	5	34	31	3	51	51	-	371	348	22
All other diseases of endocardium (424.2-424.9)	18	18	-	15	14	1	13	12	1	106	91	14
Heart failure (428)	455	450	2	162	156	6	163	163	-	870	793	72
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	11	11	-	7	6	1	6	6	-	12	9	3
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	1,057	1,022	28	981	914	46	612	609	2	3,925	3,427	474
Cerebrovascular diseases (430-438)	1,074	1,049	22	513	468	38	561	559	2	3,977	3,447	482
Subarachnoid hemorrhage (430)	37	34	3	34	29	4	31	30	1	224	169	43
Intracerebral and other intracranial hemorrhage (431-432)	97	94	3	101	92	8	78	77	1	672	542	113
Occlusion and stenosis of precerebral arteries (433)	4	4	-	8	8	-	4	4	-	40	37	3
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	106	105	1	48	43	4	61	61	-	577	522	54
Cerebral embolism (434.1)	3	3	-	-	-	-	4	4	-	16	16	-
Acute but ill-defined cerebrovascular disease (436)	697	681	13	284	261	19	312	312	-	2,124	1,875	234
Other and late effects of cerebrovascular diseases (435,437-438)	130	128	2	38	35	3	71	71	-	324	286	35
Diseases of arteries, arterioles, and capillaries (440-448)	408	398	7	172	161	5	214	213	-	1,306	1,192	100
Atherosclerosis (440)	224	219	4	64	59	5	89	89	-	449	410	36
Aortic aneurysm (441)	120	117	2	81	75	-	93	92	-	541	501	34
All other diseases of arteries, arterioles, and capillaries (442-448)	64	62	1	27	27	-	32	32	-	316	281	30
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	35	35	-	12	10	2	15	15	-	126	108	17
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	16	16	-	2	2	-	11	11	-	44	40	3
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	19	19	-	10	8	2	4	4	-	82	68	14
VIII. Diseases of the respiratory system (460-519)	1,591	1,559	23	919	881	28	746	742	4	5,560	4,991	526
Diseases of the upper respiratory tract (460-465,470-478)	4	4	-	4	4	-	2	2	-	16	13	3
Acute upper respiratory infections (460-465)	3	3	-	3	3	-	1	1	-	5	4	1
Other diseases of upper respiratory tract (470-478)	1	1	-	1	1	-	1	1	-	11	9	2
Other diseases of the respiratory system (466,480-519)	1,587	1,555	23	915	877	28	744	740	4	5,544	4,978	523
Acute bronchitis and bronchiolitis (466)	4	4	-	2	1	1	3	3	-	17	16	1
Pneumonia (480-486)	628	620	5	253	240	10	260	258	2	2,398	2,132	244
Viral pneumonia (480)	4	4	-	2	2	-	1	1	-	14	13	1
Pneumococcal and other bacterial pneumonia (481-482)	38	36	1	19	18	1	18	18	-	128	113	15
Bronchopneumonia, organism unspecified (485)	33	32	-	30	28	1	23	23	-	164	142	19
Pneumonia due to other and unspecified organism (483,486)	553	548	4	202	192	8	218	216	2	2,092	1,864	209
Influenza (487)	55	54	1	8	8	-	14	14	-	29	28	1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	742	727	11	576	558	13	381	379	2	2,304	2,113	176
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	194	188	3	119	113	3	92	92	-	709	649	55
Bronchitis, not specified as acute or chronic (490)	8	8	-	2	1	1	3	3	-	21	21	-
Chronic bronchitis (491)	27	27	-	12	12	-	11	11	-	83	79	4
Emphysema (492)	111	109	1	83	82	-	69	69	-	470	443	26
Asthma (493)	48	44	2	22	18	2	9	9	-	135	106	25
Bronchiectasis and extrinsic allergic alveolitis (494-495)	7	7	-	2	2	-	3	3	-	23	21	2
Chronic airways obstruction, not elsewhere classified (496)	541	532	8	455	443	10	286	284	2	1,572	1,443	119
Pneumoconioses and other lung diseases due to external agents (500-508)	55	50	3	15	11	2	16	16	-	325	299	23
Empyema and abscess of lung and mediastinum (510,513)	2	1	1	3	3	-	1	1	-	32	20	12
Pleurisy (511)	3	2	1	1	1	-	1	1	-	37	32	5
All other diseases of respiratory system (512,514-519)	98	97	1	57	55	2	68	68	-	402	338	61

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Nebraska			Nevada			New Hampshire			New Jersey		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	431	403	18	385	350	19	327	324	-	2,570	2,203	354
Diseases of oral cavity, salivary glands, and jaws (520-529)	-	-	-	1	1	-	-	-	-	-	-	-
Diseases of other parts of the digestive system (530-579)	431	403	18	384	349	19	327	324	-	2,570	2,203	354
Ulcer of stomach and duodenum (531-533)	52	52	-	28	25	2	28	28	-	180	165	15
Gastric ulcer (531)	17	17	-	7	5	1	8	8	-	52	46	6
Duodenal ulcer (532)	21	21	-	14	14	-	8	8	-	61	58	3
Peptic ulcer, site unspecified (533)	14	14	-	7	6	1	12	12	-	67	61	6
Gastritis and duodenitis (535)	5	5	-	-	-	-	3	3	-	28	22	6
Appendicitis (540-543)	1	1	-	2	2	-	-	-	-	10	8	2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	52	51	1	24	22	1	33	33	-	192	169	22
Regional enteritis and idiopathic proctocolitis (555-556)	5	5	-	3	3	-	2	2	-	23	23	-
All other noninfective gastroenteritis and colitis (557-558)	49	47	1	28	28	-	31	31	-	262	242	18
Diverticula of intestine (562)	15	15	-	10	10	-	11	11	-	117	113	4
Chronic liver disease and cirrhosis (571)	93	78	6	169	150	11	110	108	-	914	741	167
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	44	35	4	90	77	7	38	38	-	382	296	83
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	7	7	-	2	2	-	9	9	-	37	31	5
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	42	36	2	77	71	4	63	61	-	495	414	79
Cholelithiasis and other disorders of gallbladder (574-575)	22	22	-	9	9	-	13	13	-	87	81	6
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	137	127	10	111	100	5	96	95	-	757	639	114
X. Diseases of the genitourinary system (580-629)	258	242	15	180	165	6	148	147	-	1,366	1,154	202
Diseases of urinary system (580-599)	248	232	15	177	162	6	145	144	-	1,342	1,136	197
Nephritis, nephrotic syndrome, and nephrosis (580-589)	167	156	11	142	128	5	86	85	-	780	645	127
Acute glomerulonephritis (580)	-	-	-	-	-	-	-	-	-	5	5	-
Nephrotic syndrome (581)	2	2	-	2	2	-	1	1	-	3	2	1
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	10	9	1	2	2	-	1	1	-	64	51	13
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	155	145	10	138	124	5	84	83	-	708	587	113
Infections of kidney (590)	8	7	-	6	6	-	8	8	-	24	21	2
Urinary calculus (592,594)	1	1	-	-	-	-	2	2	-	10	9	1
All other diseases of urinary system (591,593,595-599)	72	68	4	29	28	1	49	49	-	528	461	67
Diseases of male genital organs (600-608)	9	9	-	2	2	-	2	2	-	14	8	5
Hyperplasia of prostate (600)	7	7	-	1	1	-	2	2	-	7	5	2
Other diseases of male genital organs (601-608)	2	2	-	1	1	-	-	-	-	7	3	3
Disorders of breast (610-611)	-	-	-	-	-	-	-	-	-	1	1	-
Diseases of female genital organs except breast (614-629)	1	1	-	1	1	-	1	1	-	9	9	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-	-	-	-	6	3	3
Pregnancy with abortive outcome (630-638)	-	-	-	-	-	-	-	-	-	1	-	1
Ectopic pregnancy (633)	-	-	-	-	-	-	-	-	-	1	-	1
Spontaneous abortion (634)	-	-	-	-	-	-	-	-	-	-	-	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	-	-	-	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	-	-	-	-	-	-	-	-	-	5	3	2
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	-	-	-	-	-	-	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	-	-	-	-	-	-	1	-	1
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	-	-	-	-	-	-	3	3	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	-	-	-	-	-	-	1	-	1
Indirect obstetric causes (647-648)	-	-	-	-	-	-	-	-	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	13	12	1	10	9	1	12	12	-	184	150	31
Infections of skin and subcutaneous tissue (680-686)	9	8	1	4	4	-	5	5	-	27	25	2
All other diseases of skin and subcutaneous tissue (690-709)	4	4	-	6	5	1	7	7	-	157	125	29
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	55	52	2	33	27	4	35	35	-	257	205	49
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	15	15	-	6	6	-	12	12	-	54	48	6
Other arthropathies and related disorders (710-712,715-719)	17	15	1	16	11	3	15	15	-	119	88	28
Dorsopathies (720-724)	2	2	-	-	-	-	-	-	-	10	10	-
Rheumatism, excluding the back (725-729)	2	2	-	5	4	1	1	1	-	19	12	7
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	19	18	1	6	6	-	7	7	-	55	47	8
XIV. Congenital anomalies (740-759)	87	80	5	49	42	6	48	48	-	374	280	80
Spina bifida (741)	1	1	-	1	1	-	-	-	-	5	4	1
All other congenital anomalies of nervous system (740,742)	12	10	1	8	6	2	5	5	-	37	28	7
Congenital anomalies of heart (745-746)	22	22	-	18	14	3	20	20	-	133	102	25
Other congenital anomalies of circulatory system (747)	13	13	-	4	4	-	5	5	-	49	37	12
All other congenital anomalies (743-744,748-759)	39	34	4	18	17	1	18	18	-	150	109	35

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Nebraska			Nevada			New Hampshire			New Jersey		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	74	55	12	64	51	11	45	45	-	580	328	223
Birth trauma (767)	-	-	-	1	1	-	1	1	-	2	2	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	11	8	3	13	13	-	4	4	-	154	96	49
Other conditions originating in the perinatal period (760-766,770-779)	63	47	9	50	37	11	40	40	-	424	230	174
XVI. Symptoms, signs, and ill-defined conditions (780-799)	335	321	10	112	98	11	59	59	-	870	582	267
Senility without mention of psychosis (797)	39	39	-	7	7	-	2	2	-	24	23	1
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	296	282	10	105	91	11	57	57	-	846	559	266
Supplementary classification of external causes of injury and poisoning (E800-E999)	863	804	44	961	816	97	508	502	5	3,189	2,410	692
Accidents and adverse effects (E800-E949)	576	548	19	513	455	34	326	324	2	2,094	1,673	375
Transport accidents (E800-E848)	298	284	11	332	296	20	171	170	1	989	784	172
Railway accidents (E800-E807)	5	5	-	5	3	2	-	-	-	23	14	7
Motor vehicle accidents (E810-E825)	283	269	11	320	287	18	164	163	1	936	744	162
Motor vehicle traffic accidents (E810-E819)	279	265	11	305	275	16	163	162	1	921	730	161
Involving collision with train (E810)	14	14	-	1	1	-	-	-	-	5	3	-
Involving collision with another motor vehicle (E811-E812)	122	119	-	104	97	4	76	75	1	317	256	52
Involving collision with pedestrian (E814)	30	28	2	50	43	5	15	15	-	220	169	44
Involving collision with other vehicle or object (E813,E815)	35	31	4	28	25	-	47	47	-	169	133	30
Not involving collision on highway (E816-E818)	58	53	5	106	95	5	21	21	-	55	46	8
Motor vehicle traffic accident of unspecified nature (E819)	20	20	-	16	14	2	4	4	-	155	123	27
Motor vehicle nontraffic accidents (E820-E825)	4	4	-	15	12	2	1	1	-	15	14	1
Other road vehicle accidents (E826-E829)	1	1	-	2	1	-	1	1	-	3	3	-
Water transport accidents (E830-E838)	3	3	-	3	3	-	4	4	-	12	8	3
Air and space transport accidents (E840-E845)	6	6	-	2	2	-	2	2	-	15	15	-
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning (E850-E869)	24	21	1	40	36	4	12	12	-	142	103	39
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	11	9	1	34	30	4	2	2	-	109	75	34
Accidental poisoning by other solid or liquid substances (E860-E866)	4	3	-	5	5	-	5	5	-	12	12	-
Accidental poisoning by gases and vapors (E867-E869)	9	9	-	1	1	-	5	5	-	21	16	5
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	21	20	1	11	8	2	7	7	-	78	67	11
Accidental falls (E880-E888)	96	94	1	40	36	2	64	64	-	351	314	35
Fall from one level to another (E880-E884)	25	23	1	12	11	-	24	24	-	113	99	13
Fall on same level (E885-E886)	8	8	-	1	1	-	5	5	-	7	7	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	63	63	-	27	24	2	35	35	-	231	208	22
Accidents caused by fire and flames (E890-E899)	14	13	1	15	12	3	17	17	-	109	72	36
Other accidents, including late effects (E900-E929)	123	116	4	75	67	3	54	53	1	422	331	81
Lightning (E907)	1	1	-	1	1	-	-	-	-	2	-	2
Accidental drowning and submersion (E910)	16	15	1	18	16	1	17	17	-	77	48	24
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	22	21	1	9	8	1	18	17	1	88	75	12
Accident caused by handgun (E922.0)	1	1	-	1	1	-	-	-	-	3	2	1
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	7	6	1	1	1	-	2	2	-	15	13	2
Accident caused by explosive material (E923)	-	-	-	1	1	-	1	1	-	1	-	1
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	-	-	-	1	1	-	-	-	-	2	2	-
Accident caused by electric current (E925)	4	4	-	1	1	-	1	1	-	14	13	1
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	72	68	1	42	37	1	15	15	-	220	178	38
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	-	-	-	-	-	-	1	1	-	3	2	1
Suicide (E950-E959)	220	213	7	294	268	12	149	147	2	567	500	54
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	9	9	-	32	28	3	18	18	-	41	36	2
Suicide by other solid or liquid substances (E950.6-E950.9)	1	1	-	-	-	-	-	-	-	6	5	1
Suicide by gases and vapors (E951-E952)	47	46	1	17	16	1	13	13	-	53	51	2
Suicide by hanging, strangulation, and suffocation (E953)	32	30	2	21	14	3	23	22	1	180	154	19
Suicide by handgun (E955.0)	4	4	-	119	113	4	21	20	1	21	19	2
Suicide by all other and unspecified firearms (E955.1-E955.4)	120	116	4	92	84	1	66	66	-	185	171	14
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	7	7	-	13	13	-	8	8	-	81	64	14
Homicide and legal intervention (E960-E978)	41	22	13	137	78	49	18	17	1	488	212	251
Assault by handgun (E965.0)	4	3	1	40	22	16	-	-	-	7	4	2
Assault by all other and unspecified firearms (E965.1-E965.4)	19	11	7	29	16	11	8	7	1	208	79	119
Assault by cutting and piercing instrument (E966)	10	3	4	22	14	7	3	3	-	131	65	58
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	8	5	1	39	22	13	7	7	-	135	61	68
Legal execution (E978)	-	-	-	1	1	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	-	-	-	6	3	2	-	-	-	7	3	4
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	26	21	5	17	15	2	15	14	-	39	24	12
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	10	9	1	10	10	-	8	8	-	20	16	3
From poisoning by other solid or liquid substances (E980.6-E980.9)	-	-	-	1	1	-	1	1	-	-	-	-
From injury by handgun (E985.0)	-	-	-	-	-	-	-	-	-	1	1	-
From injury by all other and unspecified firearms (E985.1-E985.4)	5	5	-	-	-	-	-	-	-	-	-	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	11	7	4	6	4	2	6	5	-	18	7	9
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	-	-	-	1	1	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	New Mexico			New York			North Carolina			North Dakota		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	10,625	9,688	188	168,936	142,293	24,963	57,315	43,417	13,388	5,678	5,502	9
I. Infectious and parasitic diseases (001-139)	210	187	5	8,079	5,371	2,642	1,214	724	482	57	55	1
Intestinal infectious diseases (001-009)	4	4	-	41	30	11	18	13	5	1	1	-
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	1	1	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	1	-	1	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	-	-	-	15	7	8	-	-	-	-	-	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	2	2	-	12	10	2	10	8	2	-	-	-
Ill-defined intestinal infections (009)	2	2	-	13	12	1	7	5	2	1	1	-
Tuberculosis (010-018)	12	6	-	293	114	168	61	22	39	2	1	-
Tuberculosis of respiratory system (010-012)	8	4	-	211	82	123	47	18	29	1	1	-
Other tuberculosis (013-018)	4	2	-	82	32	45	14	4	10	1	-	-
Zoonotic and other bacterial diseases (020-041)	86	74	1	1,940	1,547	372	549	390	156	34	34	-
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	2	1	1	1	1	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-	-	1	1	-
Meningococcal infection (036)	1	1	-	20	16	3	9	8	1	-	-	-
Tetanus (037)	-	-	-	1	-	1	-	-	-	-	-	-
Septicemia (038)	81	70	1	1,848	1,478	351	518	364	151	32	32	-
All other bacterial diseases (020-022,024-031,039-041)	4	3	-	69	52	16	21	17	4	1	1	-
Viral diseases (*042-*044,045-079)	88	84	4	5,262	3,353	1,884	451	228	218	14	13	1
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	3	3	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	6	6	-	106	81	22	51	42	8	1	1	-
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	82	78	4	5,153	3,269	1,862	400	186	210	13	12	1
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	1	1	-	5	3	2	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	-	-	-	5	3	2	-	-	-
Malaria (084)	-	-	-	1	1	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	1	1	-	8	4	4	3	-	3	-	-	-
Syphilis (090-097)	1	1	-	7	3	4	3	-	3	-	-	-
Cardiovascular syphilis (093)	-	-	-	1	-	1	-	-	-	-	-	-
Neurosyphilis (094)	-	-	-	4	3	1	-	-	-	-	-	-
All other syphilis (090-091,095-097)	1	1	-	2	-	2	3	-	3	-	-	-
Gonococcal infections (098)	-	-	-	1	1	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	19	18	-	534	322	203	127	68	59	6	6	-
Mycoses (110-118)	12	12	-	230	160	64	64	41	23	6	6	-
Helminthiases (120-129)	-	-	-	4	3	1	-	-	-	-	-	-
Late effects of tuberculosis (137)	2	1	-	12	12	-	8	4	4	-	-	-
Late effects of acute poliomyelitis (138)	-	-	-	4	4	-	3	3	-	-	-	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	5	5	-	284	143	138	52	20	32	-	-	-
II. Neoplasms (140-239)	2,314	2,178	41	38,961	33,543	4,968	13,339	10,397	2,839	1,356	1,326	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2,265	2,131	40	38,415	33,066	4,904	13,229	10,310	2,816	1,339	1,310	1
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	44	44	-	644	512	111	242	180	61	21	21	-
Of lip (140)	1	1	-	3	3	-	2	2	-	1	1	-
Of tongue (141)	17	17	-	157	128	29	52	41	11	4	4	-
Of pharynx (146-149.0)	15	15	-	304	225	58	112	77	34	10	10	-
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	11	11	-	180	156	24	76	60	16	6	6	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	542	502	13	10,250	8,722	1,362	2,906	2,175	708	334	330	-
Of esophagus (150)	41	36	2	823	605	204	242	164	76	24	24	-
Of stomach (151)	76	71	-	1,293	1,034	228	339	231	106	47	46	-
Of small intestine, including duodenum (152)	4	4	-	66	54	10	26	23	3	4	4	-
Of colon (153)	191	185	2	4,184	3,704	443	1,147	881	262	141	139	-
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	2	2	-	25	23	2	5	1	4	-	-	-
Descending colon (153.2)	-	-	-	17	13	4	6	2	4	1	1	-
Sigmoid colon (153.3)	3	2	1	98	88	10	24	18	6	2	2	-
Cecum, appendix, and ascending colon (153.4-153.6)	5	4	-	130	115	14	32	22	10	10	10	-
Other and colon, unspecified (153.8-153.9)	181	177	1	3,914	3,465	413	1,080	838	238	128	126	-
Of rectum, rectosigmoid junction, and anus (154)	39	37	1	650	572	70	175	138	34	24	24	-
Of liver and intrahepatic bile ducts (155)	43	38	1	690	540	106	170	127	37	17	17	-
Liver, primary (155.0)	14	13	-	341	266	46	75	53	18	8	8	-
Intrahepatic bile ducts (155.1)	4	2	-	97	88	8	32	26	6	4	4	-
Liver, not specified as primary or secondary (155.2)	25	23	1	252	186	52	63	48	13	5	5	-
Of gallbladder and extrahepatic bile ducts (156)	27	24	-	328	299	23	91	74	15	11	11	-
Of pancreas (157)	115	102	7	2,024	1,739	263	675	503	168	61	60	-
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	6	5	-	192	175	15	41	34	7	5	5	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	576	554	10	10,278	8,902	1,260	4,073	3,303	744	316	301	-
Of larynx (161)	14	13	1	319	247	70	96	74	21	3	3	-
Of trachea, bronchus, and lung (162)	556	536	9	9,850	8,561	1,178	3,933	3,192	717	308	293	-
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	6	5	-	109	94	12	44	37	6	5	5	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	New Mexico			New York			North Carolina			North Dakota		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	254	245	3	4,669	4,095	550	1,431	1,140	273	128	126	-
Of bone and articular cartilage (170)	6	5	-	64	53	11	18	12	6	5	4	-
Of connective and other soft tissue (171)	15	14	-	233	191	40	84	71	12	5	5	-
Melanoma of skin (172)	41	40	-	435	428	7	186	176	9	15	15	-
Other malignant neoplasms of skin (173)	8	7	-	182	160	22	63	55	7	3	3	-
Of female breast (174)	184	179	3	3,736	3,252	462	1,068	818	235	99	98	-
Of male breast (175)	-	-	-	19	11	8	12	8	4	1	1	-
Malignant neoplasms of genital organs (179-187)	258	240	6	4,372	3,616	722	1,642	1,141	484	224	223	-
Of cervix uteri (180)	25	17	2	404	296	105	122	67	53	8	7	-
Of other parts of uterus (179,181-182)	21	20	-	480	392	82	178	118	59	22	22	-
Of ovary and other uterine adnexa (183)	44	40	1	1,080	956	117	341	281	55	45	45	-
Of other and unspecified female genital organs (184)	5	5	-	82	73	8	27	23	3	4	4	-
Of prostate (185)	160	155	3	2,282	1,858	407	964	644	312	141	141	-
Of testis (186)	-	-	-	28	25	3	6	6	-	2	2	-
Of penis and other male genital organs (187)	3	3	-	16	16	-	4	2	2	2	2	-
Malignant neoplasms of urinary organs (188-189)	106	97	2	1,622	1,472	142	480	384	94	51	51	-
Of bladder (188)	49	47	1	903	820	81	231	187	43	23	23	-
Of kidney and other and unspecified urinary organs (189)	57	50	1	719	652	61	249	197	51	28	28	-
Malignant neoplasms of other and unspecified sites (190-199)	233	218	2	2,958	2,568	351	1,236	995	229	119	117	-
Of eye (190)	1	1	-	15	14	1	6	5	1	1	1	-
Of brain (191)	41	40	-	683	623	51	333	296	31	44	44	-
Of other and unspecified parts of nervous system (192)	1	1	-	18	14	3	7	7	-	-	-	-
Of thyroid gland and other endocrine glands and related structures (193-194)	7	7	-	141	127	11	47	36	11	3	3	-
Of all other and unspecified sites (195-199)	183	169	2	2,101	1,790	285	843	651	186	71	69	-
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	252	231	4	3,622	3,179	406	1,219	992	223	146	141	1
Lymphosarcoma and reticulosarcoma (200)	6	6	-	130	125	4	40	38	2	1	1	-
Hodgkin's disease (201)	6	6	-	168	146	21	36	32	4	4	4	-
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	85	78	1	1,396	1,252	131	420	364	56	63	59	-
Multiple myeloma and immunoproliferative neoplasms (203)	47	42	1	589	472	110	239	171	68	25	25	-
Leukemia (204-208)	108	99	2	1,339	1,184	140	484	387	93	53	52	1
Lymphoid leukemia (204)	28	24	2	400	349	46	139	108	30	15	14	1
Myeloid leukemia (205)	37	33	-	614	539	66	216	175	39	25	25	-
Monocytic leukemia (206)	1	1	-	13	12	1	7	7	-	2	2	-
Other and unspecified leukemia (207-208)	42	41	-	312	284	27	122	97	24	11	11	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	49	47	1	546	477	64	110	87	23	17	16	1
Benign neoplasms (210-229)	8	8	-	97	82	15	34	27	7	5	4	1
Of female genital organs (218-221)	-	-	-	-	-	-	-	-	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225)	5	5	-	68	58	10	20	14	6	2	1	1
Of all other and unspecified sites (210-217,222-223,226-229)	3	3	-	29	24	5	14	13	1	3	3	-
Carcinoma in situ (230-234)	-	-	-	1	-	1	-	-	-	-	-	-
Of breast and genitourinary system (233)	-	-	-	1	-	1	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	15	14	1	93	79	13	35	30	5	4	4	-
Neoplasms of unspecified nature (239)	26	25	-	355	316	35	41	30	11	8	8	-
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	426	363	10	3,732	2,987	706	1,754	1,121	604	196	188	-
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	399	343	9	3,640	2,907	694	1,667	1,062	576	188	180	-
Disorders of thyroid gland (240-246)	8	6	-	36	34	2	32	23	9	2	2	-
Diabetes mellitus (250)	319	270	9	2,834	2,256	547	1,315	824	466	158	150	-
Disorders of the pituitary gland and its hypothalamic control (253)	3	2	-	11	11	-	5	2	3	-	-	-
Diseases of thymus gland (254)	-	-	-	2	2	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	-	-	-	11	7	4	5	5	-	4	4	-
Cystic fibrosis (277.0)	2	2	-	21	20	1	9	8	-	-	-	-
Obesity (278.0)	10	10	-	66	53	12	52	36	16	2	2	-
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	57	53	-	659	524	128	249	164	82	22	22	-
Nutritional deficiencies (260-269)	27	20	1	92	80	12	87	59	28	8	8	-
Nutritional marasmus (261)	3	2	-	10	9	1	9	4	5	1	1	-
Other protein-calorie malnutrition (262-263)	19	14	1	76	68	8	70	51	19	7	7	-
All other nutritional deficiencies (260,264-269)	5	4	-	6	3	3	8	4	4	-	-	-
IV. Diseases of blood and blood-forming organs (280-289)	46	43	1	647	496	146	250	160	88	25	25	-
Anemias (280-285)	24	22	1	257	182	73	112	64	48	15	15	-
Deficiency anemias (280-281)	1	1	-	9	9	-	4	2	2	3	3	-
Hemolytic anemias (282-283)	2	2	-	66	23	43	27	4	23	1	1	-
Aplastic anemia (284)	11	10	1	73	62	9	43	34	9	5	5	-
Other and unspecified anemias (285)	10	9	-	109	88	21	38	24	14	6	6	-
Purpura and other hemorrhagic conditions (287)	1	1	-	67	54	13	25	18	7	3	3	-
All other diseases of blood and blood-forming organs (286,288-289)	21	20	-	323	260	60	113	78	33	7	7	-
V. Mental disorders (290-319)	272	228	4	1,436	1,081	345	942	667	269	101	95	-
Senile and presenile organic psychotic conditions (290)	57	54	1	328	315	12	340	280	59	36	36	-
Alcoholic psychoses (291)	10	5	1	19	15	4	40	19	21	-	-	-
All other psychoses (292-299)	42	40	-	177	165	11	136	115	21	26	25	-
Alcohol dependence syndrome (303)	95	66	2	509	312	192	219	111	107	13	9	-
Drug dependence (304)	2	2	-	45	20	25	-	-	-	-	-	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	65	60	-	335	235	97	198	134	60	24	23	-
Mental retardation (317-319)	1	1	-	23	19	4	9	8	1	2	2	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	New Mexico			New York			North Carolina			North Dakota		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	221	202	6	1,903	1,667	219	1,033	839	179	133	129	-
Diseases of the nervous system (320-359)	220	201	6	1,900	1,666	217	1,030	838	178	133	129	-
Meningitis (320-322)	6	3	1	110	68	38	28	15	13	1	-	-
Parkinson's disease (332)	51	45	1	365	344	18	158	138	18	33	33	-
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	102	99	3	761	712	47	565	483	74	64	62	-
Multiple sclerosis (340)	7	7	-	125	115	9	29	22	7	4	4	-
Infantile cerebral palsy (343)	3	3	-	47	35	12	25	17	7	4	4	-
Epilepsy (345)	6	3	-	80	53	26	33	17	15	7	7	-
Other diseases of the nervous system (323-326,341-342,344,346-359)	45	41	1	412	339	67	192	146	44	20	19	-
Disorders of the eye and adnexa (360-379)	-	-	-	1	-	1	1	1	-	-	-	-
Diseases of the ear and mastoid process (380-389)	1	1	-	2	1	1	2	-	1	-	-	-
VII. Diseases of the circulatory system (390-459)	3,843	3,634	60	76,179	67,073	8,488	24,396	18,943	5,287	2,565	2,513	2
Rheumatic fever and rheumatic heart disease (390-398)	43	42	-	468	430	34	142	121	20	16	15	-
Acute rheumatic fever (390-392)	-	-	-	7	4	3	1	1	-	-	-	-
Chronic rheumatic heart disease (393-398)	43	42	-	461	426	31	141	120	20	16	15	-
Diseases of mitral valve (394)	17	17	-	191	179	10	56	46	9	6	5	-
Diseases of aortic valve (395)	1	1	-	10	8	2	4	3	1	2	2	-
Diseases of mitral and aortic valves (396)	9	9	-	72	68	4	30	25	5	4	4	-
All other chronic rheumatic heart disease (393,397-398)	16	15	-	188	171	15	51	46	5	4	4	-
Hypertensive disease (401-404)	151	138	6	2,775	1,921	820	952	522	425	51	47	1
Essential hypertension (401)	19	19	-	373	251	117	119	70	48	14	14	-
Hypertensive heart disease (402)	109	99	4	1,902	1,313	565	599	336	260	26	24	1
Hypertensive renal disease (403)	12	11	1	349	246	101	160	86	74	7	6	-
Hypertensive heart and renal disease (404)	11	9	1	151	111	37	74	30	43	4	3	-
Ischemic heart disease (410-414)	1,561	1,495	23	48,784	43,920	4,500	12,753	10,310	2,337	1,314	1,288	-
Acute myocardial infarction (410)	759	726	10	19,481	17,684	1,637	6,858	5,573	1,226	732	714	-
Other acute and subacute forms of ischemic heart disease (411)	3	3	-	253	240	13	52	38	14	3	3	-
Angina pectoris (413)	11	11	-	52	45	7	34	29	4	4	4	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	788	755	13	28,998	25,951	2,843	5,809	4,670	1,093	575	567	-
Diseases of pulmonary circulation (415-417)	47	42	2	900	750	144	395	260	131	38	38	-
Other forms of heart disease (420-429)	1,232	1,141	23	11,424	9,754	1,588	4,601	3,564	1,013	551	541	-
Acute and subacute endocarditis (421)	2	2	-	101	73	27	24	16	7	1	1	-
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	5	5	-	69	45	24	14	8	6	1	1	-
Other diseases of endocardium (424)	45	44	-	876	812	60	331	262	65	29	28	-
Mitral valve disorders (424.0)	7	7	-	130	122	7	65	56	8	3	3	-
Aortic valve disorders (424.1)	23	23	-	538	514	21	192	154	37	14	14	-
All other diseases of endocardium (424.2-424.9)	15	14	-	208	176	32	74	52	20	12	11	-
Heart failure (428)	184	175	3	2,582	2,316	249	842	675	165	167	164	-
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	5	5	-	74	61	11	24	16	8	3	3	-
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	991	910	20	7,722	6,447	1,217	3,366	2,587	762	350	344	-
Cerebrovascular diseases (430-438)	554	529	5	8,761	7,568	1,086	4,459	3,275	1,162	426	416	1
Subarachnoid hemorrhage (430)	36	32	-	470	352	106	206	141	63	12	11	-
Intracerebral and other intracranial hemorrhage (431-432)	89	85	-	1,486	1,179	269	607	407	194	50	49	1
Occlusion and stenosis of precerebral arteries (433)	4	4	-	51	45	6	30	27	2	3	3	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	39	37	1	1,289	1,173	106	492	371	119	46	46	-
Cerebral embolism (434.1)	3	2	-	43	41	2	23	21	2	6	6	-
Acute but ill-defined cerebrovascular disease (436)	332	320	4	4,703	4,126	531	2,604	1,915	678	260	255	-
Other and late effects of cerebrovascular diseases (435,437-438)	51	49	-	719	652	66	497	393	104	49	46	-
Diseases of arteries, arterioles, and capillaries (440-448)	222	218	-	2,721	2,462	243	971	803	164	158	157	-
Atherosclerosis (440)	110	108	-	988	910	73	329	257	70	101	100	-
Aortic aneurysm (441)	73	73	-	1,176	1,070	98	407	356	49	33	33	-
All other diseases of arteries, arterioles, and capillaries (442-448)	39	37	-	557	482	72	235	190	45	24	24	-
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	33	29	1	346	268	73	123	88	35	11	11	-
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	13	11	1	158	122	36	53	36	17	3	3	-
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	20	18	-	188	146	37	70	52	18	8	8	-
VIII. Diseases of the respiratory system (460-519)	1,014	942	10	14,871	12,922	1,817	4,764	3,954	773	468	452	-
Diseases of the upper respiratory tract (460-465,470-478)	4	3	-	43	33	10	22	15	7	3	3	-
Acute upper respiratory infections (460-465)	3	3	-	22	20	2	11	8	3	-	-	-
Other diseases of upper respiratory tract (470-478)	1	-	-	21	13	8	11	7	4	3	3	-
Other diseases of the respiratory system (466,480-519)	1,010	939	10	14,828	12,889	1,807	4,742	3,939	766	465	449	-
Acute bronchitis and bronchiolitis (466)	2	2	-	37	32	5	21	15	6	1	1	-
Pneumonia (480-486)	337	305	1	7,343	6,217	1,046	1,886	1,480	388	187	180	-
Viral pneumonia (480)	4	3	-	37	33	4	15	12	3	1	-	-
Pneumococcal and other bacterial pneumonia (481-482)	18	15	-	1,454	1,108	325	147	114	31	11	10	-
Bronchopneumonia, organism unspecified (485)	23	20	-	1,332	1,129	190	98	67	28	19	19	-
Pneumonia due to other and unspecified organism (483,486)	292	267	1	4,520	3,947	527	1,626	1,287	326	156	151	-
Influenza (487)	11	11	-	62	60	2	55	49	6	9	9	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	533	514	8	5,682	5,165	472	2,047	1,805	228	223	215	-
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	176	167	3	1,576	1,347	215	579	496	79	59	57	-
Bronchitis, not specified as acute or chronic (490)	2	1	-	27	25	2	17	14	3	4	4	-
Chronic bronchitis (491)	19	17	-	149	136	13	94	85	9	6	6	-
Emphysema (492)	111	109	1	974	916	51	329	302	25	26	26	-
Asthma (493)	44	40	2	426	270	149	139	95	42	23	21	-
Bronchiectasis and extrinsic allergic alveolitis (494-495)	5	5	-	44	39	5	16	16	-	3	3	-
Chronic airways obstruction, not elsewhere classified (496)	352	342	5	4,062	3,779	252	1,452	1,293	149	161	155	-
Pneumoconioses and other lung diseases due to external agents (500-508)	32	27	1	491	406	84	281	224	55	18	18	-
Empyema and abscess of lung and mediastinum (510,513)	4	4	-	76	59	16	29	11	18	1	1	-
Pleurisy (511)	2	2	-	108	87	21	18	15	3	1	1	-
All other diseases of respiratory system (512,514-519)	89	74	-	1,029	863	161	405	340	62	25	24	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	New Mexico			New York			North Carolina			North Dakota		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	481	411	6	5,605	4,644	892	2,110	1,562	531	190	183	1
Diseases of oral cavity, salivary glands, and jaws (520-529)	–	–	–	8	5	2	5	3	2	–	–	–
Diseases of other parts of the digestive system (530-579)	481	411	6	5,597	4,639	890	2,105	1,559	529	190	183	1
Ulcer of stomach and duodenum (531-533)	25	25	–	534	457	69	183	136	44	13	13	–
Gastric ulcer (531)	7	7	–	163	135	25	52	37	14	4	4	–
Duodenal ulcer (532)	7	7	–	190	166	21	47	35	10	6	6	–
Peptic ulcer, site unspecified (533)	11	11	–	181	156	23	84	64	20	3	3	–
Gastritis and duodenitis (535)	1	1	–	63	60	3	21	16	4	3	3	–
Appendicitis (540-543)	5	2	–	31	24	7	10	8	2	–	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	34	33	–	354	317	34	158	120	38	24	22	1
Regional enteritis and idiopathic proctocolitis (555-556)	4	3	–	50	46	4	15	11	4	–	–	–
All other noninfective gastroenteritis and colitis (557-558)	39	36	–	592	527	59	228	188	37	12	11	–
Diverticula of intestine (562)	10	10	–	237	217	20	88	75	13	9	9	–
Chronic liver disease and cirrhosis (571)	232	187	4	2,065	1,636	408	722	506	212	52	48	–
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	131	97	3	1,045	765	274	379	227	149	33	29	–
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	13	13	–	79	68	9	23	20	3	7	7	–
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	88	77	1	941	803	125	320	259	60	12	12	–
Cholelithiasis and other disorders of gallbladder (574-575)	24	18	–	188	173	12	86	70	15	10	10	–
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	107	96	2	1,483	1,182	274	594	429	160	67	67	–
X. Diseases of the genitourinary system (580-629)	171	154	5	2,990	2,405	559	1,158	786	359	86	83	–
Diseases of urinary system (580-599)	166	150	5	2,924	2,345	553	1,131	772	346	81	78	–
Nephritis, nephrotic syndrome, and nephrosis (580-589)	109	99	2	1,642	1,330	298	570	361	202	54	51	–
Acute glomerulonephritis (580)	1	1	–	9	5	4	5	4	–	–	–	–
Nephrotic syndrome (581)	1	1	–	13	13	–	9	9	–	–	–	–
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	5	4	–	121	94	27	57	34	22	1	–	–
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	102	93	2	1,499	1,218	267	499	314	180	53	51	–
Infections of kidney (590)	–	–	–	64	55	9	35	29	5	3	3	–
Urinary calculus (592,594)	2	2	–	13	10	3	10	9	1	–	–	–
All other diseases of urinary system (591,593,595-599)	55	49	3	1,205	950	243	516	373	138	24	24	–
Diseases of male genital organs (600-608)	5	4	–	46	44	2	19	12	7	5	5	–
Hyperplasia of prostate (600)	1	–	–	37	35	2	9	6	3	3	3	–
Other diseases of male genital organs (601-608)	4	4	–	9	9	–	10	6	4	2	2	–
Disorders of breast (610-611)	–	–	–	1	1	–	1	–	1	–	–	–
Diseases of female genital organs except breast (614-629)	–	–	–	19	15	4	7	2	5	–	–	–
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	5	2	1	41	17	24	24	10	14	–	–	–
Pregnancy with abortive outcome (630-638)	–	–	–	13	3	10	5	1	4	–	–	–
Ectopic pregnancy (633)	–	–	–	11	3	8	4	1	3	–	–	–
Spontaneous abortion (634)	–	–	–	1	–	1	–	–	–	–	–	–
Legally induced abortion (635)	–	–	–	1	–	1	–	–	–	–	–	–
Illegally induced abortion (636)	–	–	–	–	–	–	–	–	–	–	–	–
Other pregnancy with abortive outcome (630-632,637-638)	–	–	–	–	–	–	1	–	1	–	–	–
Direct obstetric causes (640-646,651-676)	4	2	–	27	13	14	17	7	10	–	–	–
Hemorrhage of pregnancy and childbirth (640-641,666)	–	–	–	–	–	–	2	–	2	–	–	–
Toxemia of pregnancy (642.4-642.9,643)	2	1	–	7	3	4	5	1	4	–	–	–
Obstructed labor (660)	–	–	–	–	–	–	–	–	–	–	–	–
Complications of the puerperium (670-676)	2	1	–	9	5	4	8	6	2	–	–	–
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	–	–	–	11	5	6	2	–	2	–	–	–
Indirect obstetric causes (647-648)	1	–	1	1	1	–	2	2	–	–	–	–
Delivery in a completely normal case (650)	–	–	–	–	–	–	–	–	–	–	–	–
XII. Diseases of the skin and subcutaneous tissue (680-709)	7	7	–	335	251	83	117	60	56	1	1	–
Infections of skin and subcutaneous tissue (680-686)	2	2	–	79	61	18	24	19	5	–	–	–
All other diseases of skin and subcutaneous tissue (690-709)	5	5	–	256	190	65	93	41	51	1	1	–
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	55	48	1	447	355	87	217	153	62	29	28	–
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	18	17	–	77	73	4	56	49	6	9	9	–
Other arthropathies and related disorders (710-712,715-719)	26	21	1	210	162	45	109	68	41	10	9	–
Dorsopathies (720-724)	2	2	–	6	5	1	6	3	3	1	1	–
Rheumatism, excluding the back (725-729)	6	6	–	38	22	16	11	7	4	5	5	–
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	3	2	–	116	93	21	35	26	8	4	4	–
XIV. Congenital anomalies (740-759)	90	76	–	860	643	200	332	235	91	33	28	–
Spina bifida (741)	1	–	–	4	2	2	6	4	2	–	–	–
All other congenital anomalies of nervous system (740,742)	8	6	–	87	66	18	30	23	5	5	4	–
Congenital anomalies of heart (745-746)	28	24	–	325	253	65	133	95	36	13	12	–
Other congenital anomalies of circulatory system (747)	6	5	–	91	61	30	37	26	11	4	4	–
All other congenital anomalies (743-744,748-759)	47	41	–	353	261	85	126	87	37	11	8	–

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	New Mexico			New York			North Carolina			North Dakota		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	98	86	3	1,486	828	642	600	255	330	41	40	-
Birth trauma (767)	2	2	-	23	19	4	8	5	3	3	3	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	31	27	1	316	179	132	103	44	55	4	3	-
Other conditions originating in the perinatal period (760-766,770-779)	65	57	2	1,147	630	506	489	206	272	34	34	-
XVI. Symptoms, signs, and ill-defined conditions (780-799)	133	112	3	1,979	1,162	792	418	267	142	79	68	-
Senility without mention of psychosis (797)	15	13	-	8	6	2	96	73	22	3	3	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	118	99	3	1,971	1,156	790	322	194	120	76	65	-
Supplementary classification of external causes of injury and poisoning (E800-E999)	1,239	1,015	32	9,385	6,848	2,353	4,647	3,284	1,282	318	288	3
Accidents and adverse effects (E800-E949)	798	634	16	5,061	4,116	837	2,914	2,131	736	233	211	2
Transport accidents (E800-E848)	475	371	8	2,590	2,163	360	1,560	1,171	356	132	116	1
Railway accidents (E800-E807)	2	2	-	67	43	23	31	21	10	3	3	-
Motor vehicle accidents (E810-E825)	455	351	8	2,409	2,017	327	1,467	1,089	345	120	104	1
Motor vehicle traffic accidents (E810-E819)	451	347	8	2,374	1,985	325	1,436	1,063	340	114	98	1
Involving collision with train (E810)	1	1	-	8	8	-	13	9	4	4	4	-
Involving collision with another motor vehicle (E811-E812)	151	130	4	781	680	86	630	501	116	32	27	-
Involving collision with pedestrian (E814)	89	51	2	631	489	123	194	111	78	12	12	-
Involving collision with other vehicle or object (E813,E815)	41	34	-	392	339	46	323	235	82	17	13	1
Not involving collision on highway (E816-E818)	152	122	2	290	250	28	213	161	44	45	38	-
Motor vehicle traffic accident of unspecified nature (E819)	17	9	-	272	219	42	63	46	16	4	4	-
Motor vehicle nontraffic accidents (E820-E825)	4	4	-	35	32	2	31	26	5	6	6	-
Other road vehicle accidents (E826-E829)	2	2	-	13	8	5	4	4	-	-	-	-
Water transport accidents (E830-E838)	3	3	-	29	26	3	38	37	1	1	1	-
Air and space transport accidents (E840-E845)	12	12	-	68	66	1	19	19	-	8	8	-
Vehicle accidents not elsewhere classifiable (E846-E848)	1	1	-	4	3	1	1	1	-	-	-	-
Accidental poisoning (E850-E869)	82	76	1	398	262	133	182	105	73	5	5	-
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	68	65	1	351	223	125	104	55	47	1	1	-
Accidental poisoning by other solid or liquid substances (E860-E866)	8	5	-	12	10	2	65	38	25	1	1	-
Accidental poisoning by gases and vapors (E867-E869)	6	6	-	35	29	6	13	12	1	3	3	-
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	12	9	2	216	170	44	97	65	32	8	8	-
Accidental falls (E880-E888)	94	83	1	840	729	101	332	285	45	41	41	-
Fall from one level to another (E880-E884)	34	30	-	249	206	38	62	53	9	9	9	-
Fall on same level (E885-E886)	8	7	-	22	22	-	4	4	-	4	4	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	52	46	1	569	501	63	266	228	36	28	28	-
Accidents caused by fire and flames (E890-E899)	13	10	2	260	185	72	162	89	73	5	4	-
Other accidents, including late effects (E900-E929)	122	85	2	748	601	124	577	415	154	42	37	1
Lightning (E907)	-	-	-	3	3	-	4	4	-	-	-	-
Accidental drowning and submersion (E910)	26	19	-	169	127	32	109	69	40	6	4	-
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	12	10	-	171	144	23	119	94	23	7	5	-
Accident caused by handgun (E922.0)	3	3	-	3	2	1	6	2	4	-	-	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	4	3	-	30	25	4	41	28	12	1	1	-
Accident caused by explosive material (E923)	1	1	-	8	7	-	4	4	-	1	1	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	1	-	1	15	13	2	4	3	1	-	-	-
Accident caused by electric current (E925)	5	5	-	35	27	8	21	19	2	1	1	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	70	44	1	314	253	54	269	192	72	26	25	1
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	-	-	-	9	6	3	4	1	3	-	-	-
Suicide (E950-E959)	283	255	5	1,553	1,325	194	929	809	111	73	68	1
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	33	31	1	193	167	22	91	79	10	3	3	-
Suicide by other solid or liquid substances (E950.6-E950.9)	4	3	-	16	11	3	6	6	-	-	-	-
Suicide by gases and vapors (E951-E952)	15	15	-	102	98	3	50	49	-	12	12	-
Suicide by hanging, strangulation, and suffocation (E953)	36	30	-	320	259	49	93	80	13	15	10	1
Suicide by handgun (E955.0)	103	93	4	20	20	-	57	50	7	2	2	-
Suicide by all other and unspecified firearms (E955.1-E955.4)	77	71	-	569	515	50	593	513	74	39	39	-
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	15	12	-	333	255	67	39	32	7	2	2	-
Homicide and legal intervention (E960-E978)	139	109	11	2,603	1,286	1,276	769	316	430	8	6	-
Assault by handgun (E965.0)	13	12	1	4	3	1	22	5	17	2	2	-
Assault by all other and unspecified firearms (E965.1-E965.4)	50	40	6	1,759	818	911	449	185	250	3	3	-
Assault by cutting and piercing instrument (E966)	35	27	2	405	193	206	156	57	95	2	-	-
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	39	28	2	408	257	146	136	67	64	1	1	-
Legal execution (E978)	-	-	-	-	-	-	1	-	1	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	2	2	-	27	15	12	5	2	3	-	-	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	18	16	-	168	121	46	34	27	5	4	3	-
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	11	11	-	61	49	12	10	8	1	1	1	-
From poisoning by other solid or liquid substances (E980.6-E980.9)	-	-	-	4	4	-	2	1	-	1	-	-
From injury by handgun (E985.0)	1	1	-	-	-	-	1	1	-	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	2	2	-	8	5	3	8	8	-	-	-	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	4	2	-	95	63	31	13	9	4	2	2	-
Injury resulting from operations of war (E990-E999)	1	1	-	-	-	-	1	1	-	-	-	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Ohio			Oklahoma			Oregon			Pennsylvania		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	98,822	88,015	10,639	30,378	27,388	1,896	25,136	24,416	348	121,951	110,096	11,522
I. Infectious and parasitic diseases (001-139)	1,615	1,324	288	553	480	50	413	395	13	2,934	2,294	621
Intestinal infectious diseases (001-009)	30	22	8	5	5	-	3	2	1	37	34	3
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	3	2	1	-	-	-	-	-	-	6	6	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	16	15	1	3	3	-	2	2	-	26	25	1
Ill-defined intestinal infections (009)	11	5	6	2	2	-	1	-	1	5	3	2
Tuberculosis (010-018)	53	34	19	29	20	4	14	13	1	76	51	21
Tuberculosis of respiratory system (010-012)	43	27	16	22	16	2	9	9	-	59	40	16
Other tuberculosis (013-018)	10	7	3	7	4	2	5	4	1	17	11	5
Zoonotic and other bacterial diseases (020-041)	809	703	104	309	264	29	131	126	4	1,775	1,490	278
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	1	1	-	-	-	-	-	-	-	1	1	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-	-	1	1	-
Meningococcal infection (036)	4	4	-	1	1	-	2	1	-	6	5	1
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	768	667	99	294	254	26	113	110	3	1,719	1,439	273
All other bacterial diseases (020-022,024-031,039-041)	36	31	5	14	9	3	16	15	1	48	44	4
Viral diseases (*042-*044,045-079)	563	440	122	159	146	12	232	221	7	863	578	279
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	1	1	-	-	-	-	1	-	1
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	57	49	8	22	21	-	35	33	-	38	31	4
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	506	391	114	136	124	12	197	188	7	824	547	274
Rickettsioses and other arthropod-borne diseases (080-088)	1	1	-	1	-	-	-	-	-	1	-	1
Typhus and other rickettsioses (080-083)	1	1	-	1	-	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	1	-	1
Syphilis and other venereal diseases (090-099)	5	4	1	1	1	-	-	-	-	6	5	1
Syphilis (090-097)	5	4	1	1	1	-	-	-	-	6	5	1
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	1	1	-
Neurosyphilis (094)	4	3	1	1	1	-	-	-	-	-	-	-
All other syphilis (090-091,095-097)	1	1	-	-	-	-	-	-	-	5	4	1
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	154	120	34	49	44	5	33	33	-	176	136	38
Mycoses (110-118)	82	70	12	33	30	3	16	16	-	87	70	15
Helminthiases (120-129)	-	-	-	2	2	-	1	1	-	2	2	-
Late effects of tuberculosis (137)	9	8	1	1	1	-	3	3	-	13	10	3
Late effects of acute poliomyelitis (138)	8	8	-	-	-	-	4	4	-	5	5	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	55	34	21	13	11	2	9	9	-	69	49	20
II. Neoplasms (140-239)	24,347	21,697	2,600	6,736	6,136	392	6,127	5,980	72	30,297	27,433	2,787
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	23,973	21,362	2,561	6,656	6,063	385	6,050	5,904	72	29,850	27,027	2,749
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	379	320	59	97	88	6	96	92	3	422	354	64
Of lip (140)	3	3	-	2	2	-	1	1	-	5	5	-
Of tongue (141)	82	70	12	24	22	2	34	33	1	97	81	14
Of pharynx (146-149.0)	177	147	30	44	37	4	37	35	2	197	159	36
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	117	100	17	27	27	-	24	23	-	123	109	14
Malignant neoplasms of digestive organs and peritoneum (150-159)	5,552	4,900	638	1,456	1,286	118	1,300	1,255	21	7,288	6,536	723
Of esophagus (150)	414	331	82	103	86	14	121	120	-	537	436	101
Of stomach (151)	586	502	81	180	151	19	134	127	4	874	765	105
Of small intestine, including duodenum (152)	42	35	7	15	14	1	6	6	-	66	59	6
Of colon (153)	2,435	2,202	228	577	533	34	511	495	8	3,111	2,858	248
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	13	12	1	3	3	-	3	3	-	15	13	2
Descending colon (153.2)	11	11	-	3	2	1	-	-	-	5	5	-
Sigmoid colon (153.3)	47	43	4	10	10	-	12	10	2	73	69	4
Cecum, appendix, and ascending colon (153.4-153.6)	91	79	12	13	11	2	20	19	-	91	84	7
Other and colon, unspecified (153.8-153.9)	2,273	2,057	211	548	507	31	476	463	6	2,927	2,687	235
Of rectum, rectosigmoid junction, and anus (154)	369	340	29	98	90	4	92	89	3	521	481	36
Of liver and intrahepatic bile ducts (155)	321	257	62	89	77	6	70	60	2	403	334	59
Liver, primary (155.0)	149	111	36	30	27	2	38	30	2	169	131	32
Intrahepatic bile ducts (155.1)	55	47	8	13	13	-	15	13	-	61	51	10
Liver, not specified as primary or secondary (155.2)	117	99	18	46	37	4	17	17	-	173	152	17
Of gallbladder and extrahepatic bile ducts (156)	213	195	17	61	48	5	46	45	-	244	222	18
Of pancreas (157)	1,061	934	125	313	271	33	290	284	4	1,383	1,238	144
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	111	104	7	20	16	2	30	29	-	149	143	6
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	7,054	6,272	767	2,114	1,941	113	1,874	1,835	18	8,098	7,265	818
Of larynx (161)	155	136	19	44	36	7	23	23	-	223	177	45
Of trachea, bronchus, and lung (162)	6,839	6,084	741	2,057	1,892	106	1,821	1,783	18	7,804	7,020	770
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	60	52	7	13	13	-	30	29	-	71	68	3

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Ohio			Oklahoma			Oregon			Pennsylvania		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	2,658	2,439	214	713	670	23	631	619	4	3,423	3,167	251
Of bone and articular cartilage (170)	44	37	7	10	9	1	10	10	-	33	31	2
Of connective and other soft tissue (171)	150	139	11	36	35	-	47	47	-	171	159	11
Melanoma of skin (172)	250	244	4	113	111	1	84	84	-	363	357	6
Other malignant neoplasms of skin (173)	81	73	8	40	38	-	18	18	-	125	114	11
Of female breast (174)	2,126	1,943	180	510	473	21	472	460	4	2,708	2,484	220
Of male breast (175)	7	3	4	4	4	-	-	-	-	23	22	1
Malignant neoplasms of genital organs (179-187)	2,711	2,365	342	731	655	50	696	682	10	3,458	3,073	381
Of cervix uteri (180)	242	198	42	64	49	7	37	35	1	255	212	43
Of other parts of uterus (179,181-182)	345	311	34	67	61	5	67	65	1	433	389	42
Of ovary and other uterine adnexa (183)	589	557	32	155	146	4	171	170	1	802	757	45
Of other and unspecified female genital organs (184)	69	64	5	13	12	-	11	10	1	85	78	7
Of prostate (185)	1,446	1,216	228	421	378	33	403	395	6	1,854	1,610	242
Of testis (186)	12	12	-	6	6	-	4	4	-	22	20	2
Of penis and other male genital organs (187)	8	7	1	5	3	1	3	3	-	7	7	-
Malignant neoplasms of urinary organs (188-189)	1,026	933	92	266	245	13	252	248	3	1,267	1,176	91
Of bladder (188)	488	447	41	116	107	7	131	129	2	668	625	43
Of kidney and other and unspecified urinary organs (189)	538	486	51	150	138	6	121	119	1	599	551	48
Malignant neoplasms of other and unspecified sites (190-199)	2,291	2,056	227	613	564	32	550	536	10	3,164	2,911	244
Of eye (190)	16	15	-	4	4	-	1	1	-	9	8	1
Of brain (191)	528	496	31	185	178	3	178	177	1	650	625	23
Of other and unspecified parts of nervous system (192)	15	12	2	2	2	-	4	3	1	11	9	2
Of thyroid gland and other endocrine glands and related structures (193-194)	81	75	6	17	15	1	19	19	-	91	84	5
Of all other and unspecified sites (195-199)	1,651	1,458	188	405	365	28	348	336	8	2,403	2,185	213
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	2,302	2,077	222	666	614	30	651	637	3	2,730	2,545	177
Lymphosarcoma and reticulosarcoma (200)	97	85	12	23	20	1	31	31	-	105	101	4
Hodgkin's disease (201)	83	78	5	18	16	1	19	19	-	95	90	5
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	809	760	47	227	213	8	221	217	-	1,001	955	43
Multiple myeloma and immunoproliferative neoplasms (203)	426	344	81	125	113	7	124	119	3	508	449	57
Leukemia (204-208)	887	810	77	273	252	13	256	251	-	1,021	950	68
Lymphoid leukemia (204)	258	234	24	79	76	2	80	79	-	304	278	25
Myeloid leukemia (205)	364	339	25	110	102	5	105	102	-	436	408	28
Monocytic leukemia (206)	14	13	1	4	3	1	6	6	-	6	5	1
Other and unspecified leukemia (207-208)	251	224	27	80	71	5	65	64	-	275	259	14
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	374	335	39	80	73	7	77	76	-	447	406	38
Benign neoplasms (210-229)	65	56	9	20	19	1	23	23	-	89	81	8
Of female genital organs (218-221)	1	1	-	-	-	-	-	-	-	3	3	-
Of eye, brain, and other parts of nervous system (224-225)	47	41	6	16	15	1	13	13	-	59	53	6
Of all other and unspecified sites (210-217,222-223,226-229)	17	14	3	4	4	-	10	10	-	27	25	2
Carcinoma in situ (230-234)	-	-	-	-	-	-	-	-	-	1	1	-
Of breast and genitourinary system (233)	-	-	-	-	-	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	-	-	-	1	1	-
Neoplasms of uncertain behavior (235-238)	93	82	11	22	19	3	20	19	-	88	83	5
Neoplasms of unspecified nature (239)	216	197	19	38	35	3	34	34	-	269	241	25
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	3,553	3,070	480	694	568	68	636	609	14	4,096	3,647	439
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	3,388	2,914	472	645	523	66	598	571	14	3,907	3,485	414
Disorders of thyroid gland (240-246)	62	55	7	5	3	1	8	8	-	68	62	5
Diabetes mellitus (250)	2,741	2,332	407	506	407	51	474	450	12	3,104	2,796	306
Disorders of the pituitary gland and its hypothalamic control (253)	12	12	-	1	1	-	2	2	-	4	4	-
Diseases of thymus gland (254)	1	1	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	11	10	1	5	4	-	2	2	-	8	8	-
Cystic fibrosis (277.0)	32	31	1	6	5	-	7	7	-	16	15	1
Obesity (278.0)	67	56	11	13	10	2	13	13	-	92	77	15
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	462	417	45	109	93	12	92	89	2	615	523	87
Nutritional deficiencies (260-269)	165	156	8	49	45	2	38	38	-	189	162	25
Nutritional marasmus (261)	12	12	-	7	7	-	4	4	-	20	16	4
Other protein-calorie malnutrition (262-263)	140	131	8	41	37	2	29	29	-	161	139	20
All other nutritional deficiencies (260,264-269)	13	13	-	1	1	-	5	5	-	8	7	1
IV. Diseases of blood and blood-forming organs (280-289)	388	329	58	118	104	10	95	92	2	578	508	64
Anemias (280-285)	205	170	34	48	39	5	37	36	1	271	228	38
Deficiency anemias (280-281)	14	13	1	7	7	-	2	2	-	14	11	3
Hemolytic anemias (282-283)	39	21	18	7	4	3	8	7	1	46	29	14
Aplastic anemia (284)	67	60	6	14	12	1	13	13	-	81	73	7
Other and unspecified anemias (285)	85	76	9	20	16	1	14	14	-	130	115	14
Purpura and other hemorrhagic conditions (287)	33	27	6	15	14	1	11	11	-	61	55	6
All other diseases of blood and blood-forming organs (286,288-289)	150	132	18	55	51	4	47	45	1	246	225	20
V. Mental disorders (290-319)	1,138	999	138	268	239	19	491	482	7	1,054	938	112
Senile and presenile organic psychotic conditions (290)	476	447	29	106	98	6	183	182	1	425	406	16
Alcoholic psychoses (291)	7	6	1	3	2	1	9	9	-	9	7	2
All other psychoses (292-299)	180	163	17	38	36	2	95	93	1	169	161	8
Alcohol dependence syndrome (303)	142	95	47	58	47	5	94	91	3	131	88	42
Drug dependence (304)	4	3	1	-	-	-	7	7	-	1	-	1
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	311	271	40	60	54	4	98	96	1	300	257	43
Mental retardation (317-319)	18	14	3	3	2	1	5	4	1	19	19	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

(Page 48 of 65)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Ohio			Oklahoma			Oregon			Pennsylvania		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	1,914	1,755	157	506	472	25	645	629	7	2,121	1,941	176
Diseases of the nervous system (320-359)	1,907	1,752	153	502	468	25	644	628	7	2,114	1,934	176
Meningitis (320-322)	37	27	10	19	15	2	9	9	-	37	26	11
Parkinson's disease (332)	342	334	8	92	90	1	145	142	2	386	373	12
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	1,016	957	58	252	240	9	369	364	-	982	922	59
Multiple sclerosis (340)	94	80	14	12	12	-	29	29	-	109	104	5
Infantile cerebral palsy (343)	30	25	5	6	4	2	8	6	-	47	41	6
Epilepsy (345)	56	47	9	17	14	3	21	17	3	84	68	16
Other diseases of the nervous system (323-326,341-342,344,346-359)	332	282	49	104	93	8	63	61	2	469	400	67
Disorders of the eye and adnexa (360-379)	3	1	2	1	1	-	-	-	-	-	-	-
Diseases of the ear and mastoid process (380-389)	4	2	2	3	3	-	1	1	-	7	7	-
VII. Diseases of the circulatory system (390-459)	43,637	39,573	4,012	13,940	12,707	801	10,307	10,051	124	54,040	49,959	3,988
Rheumatic fever and rheumatic heart disease (390-398)	303	276	26	52	51	-	84	83	-	442	421	21
Acute rheumatic fever (390-392)	2	-	2	-	-	-	1	1	-	1	-	1
Chronic rheumatic heart disease (393-398)	301	276	24	52	51	-	83	82	-	441	421	20
Diseases of mitral valve (394)	134	123	11	25	25	-	45	45	-	188	180	8
Diseases of aortic valve (395)	9	8	1	-	-	-	4	4	-	7	7	-
Diseases of mitral and aortic valves (396)	66	62	4	10	10	-	8	7	-	74	73	1
All other chronic rheumatic heart disease (393,397-398)	92	83	8	17	16	-	26	26	-	172	161	11
Hypertensive disease (401-404)	1,569	1,227	341	278	212	58	336	317	12	1,395	1,154	238
Essential hypertension (401)	220	192	28	43	38	5	53	51	1	213	190	23
Hypertensive heart disease (402)	1,032	794	237	154	115	35	190	182	6	908	734	172
Hypertensive renal disease (403)	179	145	34	54	41	10	64	56	4	162	130	31
Hypertensive heart and renal disease (404)	138	96	42	27	18	8	29	28	1	112	100	12
Ischemic heart disease (410-414)	24,284	22,381	1,883	7,568	6,992	355	5,494	5,363	60	28,525	27,094	1,394
Acute myocardial infarction (410)	11,062	10,330	721	3,578	3,339	140	2,194	2,158	16	15,575	14,751	802
Other acute and subacute forms of ischemic heart disease (411)	104	94	10	683	610	46	7	6	-	71	66	5
Angina pectoris (413)	58	55	3	21	18	1	16	16	-	67	67	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	13,060	11,902	1,149	3,286	3,025	168	3,277	3,183	44	12,812	12,210	587
Diseases of pulmonary circulation (415-417)	528	445	82	188	166	16	83	80	2	822	714	105
Other forms of heart disease (420-429)	8,380	7,456	910	2,893	2,609	175	1,719	1,683	14	12,685	11,274	1,386
Acute and subacute endocarditis (421)	24	22	2	10	5	3	10	9	-	64	50	14
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	19	13	6	16	12	2	10	10	-	45	37	8
Other diseases of endocardium (424)	622	573	47	122	112	5	242	238	2	882	835	44
Mitral valve disorders (424.0)	93	80	13	18	16	1	30	29	1	130	124	6
Aortic valve disorders (424.1)	384	359	23	70	66	2	146	144	1	556	531	23
All other diseases of endocardium (424.2-424.9)	145	134	11	34	30	2	66	65	-	196	180	15
Heart failure (428)	1,906	1,778	127	869	799	48	414	409	4	2,387	2,241	143
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	55	45	10	10	8	2	5	5	-	48	40	8
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	5,754	5,025	718	1,866	1,673	115	1,038	1,012	8	9,259	8,071	1,169
Cerebrovascular diseases (430-438)	6,306	5,715	583	2,196	1,977	145	1,883	1,832	30	7,725	7,027	681
Subarachnoid hemorrhage (430)	312	274	36	77	63	6	79	73	5	349	298	48
Intracerebral and other intracranial hemorrhage (431-432)	893	796	97	231	206	23	211	200	7	1,182	1,022	151
Occlusion and stenosis of precerebral arteries (433)	87	86	1	12	10	1	15	15	-	89	85	4
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	902	819	82	191	176	10	256	252	4	1,190	1,101	89
Cerebral embolism (434.1)	25	25	-	4	3	1	14	13	-	52	49	3
Acute but ill-defined cerebrovascular disease (436)	3,410	3,101	305	1,525	1,383	94	1,065	1,042	10	4,087	3,750	333
Other and late effects of cerebrovascular diseases (435,437-438)	677	614	62	156	136	10	243	237	4	776	722	53
Diseases of arteries, arterioles, and capillaries (440-448)	2,074	1,916	151	712	652	49	672	658	6	2,242	2,091	145
Atherosclerosis (440)	874	811	61	376	338	30	318	311	3	758	700	55
Aortic aneurysm (441)	814	762	50	215	206	9	236	231	2	972	920	51
All other diseases of arteries, arterioles, and capillaries (442-448)	386	343	40	121	108	10	118	116	1	512	471	39
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	193	157	36	53	48	3	36	35	-	204	184	18
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	83	65	18	16	14	1	15	15	-	79	71	8
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	110	92	18	37	34	2	21	20	-	125	113	10
VIII. Diseases of the respiratory system (460-519)	8,436	7,733	687	3,021	2,827	116	2,523	2,466	28	10,412	9,621	771
Diseases of the upper respiratory tract (460-465,470-478)	24	23	1	10	9	-	12	12	-	26	23	3
Acute upper respiratory infections (460-465)	11	11	-	8	7	-	9	9	-	9	8	1
Other diseases of upper respiratory tract (470-478)	13	12	1	2	2	-	3	3	-	17	15	2
Other diseases of the respiratory system (466,480-519)	8,412	7,710	686	3,011	2,818	116	2,511	2,454	28	10,386	9,598	768
Acute bronchitis and bronchiolitis (466)	42	39	3	5	5	-	3	2	-	34	32	2
Pneumonia (480-486)	3,026	2,746	273	1,258	1,162	60	945	915	16	3,844	3,525	307
Viral pneumonia (480)	27	24	3	10	10	-	17	17	-	26	25	-
Pneumococcal and other bacterial pneumonia (481-482)	192	159	31	88	83	4	55	53	1	207	180	26
Bronchopneumonia, organism unspecified (485)	285	248	36	43	38	4	46	44	1	244	211	32
Pneumonia due to other and unspecified organism (483,486)	2,522	2,315	203	1,117	1,031	52	827	801	14	3,367	3,109	249
Influenza (487)	96	92	4	31	29	2	39	39	-	61	57	4
Chronic obstructive pulmonary diseases and allied conditions (490-496)	4,232	3,919	307	1,340	1,273	39	1,282	1,264	7	4,504	4,229	271
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	1,049	963	84	343	326	14	409	399	5	996	926	67
Bronchitis, not specified as acute or chronic (490)	20	19	1	4	3	1	11	11	-	31	31	-
Chronic bronchitis (491)	185	175	9	31	27	3	50	49	1	103	100	3
Emphysema (492)	689	645	43	241	235	4	258	251	4	656	628	27
Asthma (493)	155	124	31	67	61	6	90	88	-	206	167	37
Bronchiectasis and extrinsic allergic alveolitis (494-495)	40	39	1	13	12	-	14	14	-	50	48	2
Chronic airways obstruction, not elsewhere classified (496)	3,143	2,917	222	984	935	25	859	851	2	3,458	3,255	202
Pneumoconioses and other lung diseases due to external agents (500-508)	337	301	36	156	144	7	84	82	2	1,040	958	81
Empyema and abscess of lung and mediastinum (510,513)	29	26	3	13	11	-	8	8	-	45	37	8
Pleurisy (511)	36	30	5	9	7	2	6	6	-	63	58	5
All other diseases of respiratory system (512,514-519)	614	557	55	199	187	6	144	138	3	795	702	90

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Ohio			Oklahoma			Oregon			Pennsylvania		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	3,174	2,783	389	961	851	52	884	860	10	4,192	3,754	429
Diseases of oral cavity, salivary glands, and jaws (520-529)	2	2	-	-	-	-	2	2	-	4	4	-
Diseases of other parts of the digestive system (530-579)	3,172	2,781	389	961	851	52	882	858	10	4,188	3,750	429
Ulcer of stomach and duodenum (531-533)	253	232	21	79	76	3	97	95	1	293	273	19
Gastric ulcer (531)	78	66	12	27	25	2	30	28	1	81	77	4
Duodenal ulcer (532)	78	73	5	20	20	-	29	29	-	97	88	9
Peptic ulcer, site unspecified (533)	97	93	4	32	31	1	38	38	-	115	108	6
Gastritis and duodenitis (535)	27	23	4	10	9	1	7	7	-	35	29	6
Appendicitis (540-543)	24	19	5	7	7	-	1	1	-	19	18	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	242	218	24	76	68	5	68	68	-	342	308	33
Regional enteritis and idiopathic proctocolitis (555-556)	37	35	2	6	6	-	3	3	-	59	57	2
All other noninfective gastroenteritis and colitis (557-558)	379	337	42	131	118	5	112	110	-	431	392	39
Diverticula of intestine (562)	174	161	13	30	28	-	39	38	1	168	157	11
Chronic liver disease and cirrhosis (571)	990	839	150	249	219	10	268	257	5	1,238	1,079	155
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	393	309	83	91	79	5	205	195	5	394	321	72
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	44	42	2	17	15	1	20	20	-	68	62	6
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	553	488	65	141	125	4	43	42	-	776	696	77
Cholelithiasis and other disorders of gallbladder (574-575)	125	112	13	35	30	2	33	32	1	196	188	8
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	921	805	115	338	290	26	254	247	2	1,407	1,249	155
X. Diseases of the genitourinary system (580-629)	1,751	1,504	244	616	533	57	295	283	8	2,456	2,137	312
Diseases of urinary system (580-599)	1,706	1,465	238	601	518	57	281	269	8	2,399	2,086	306
Nephritis, nephrotic syndrome, and nephrosis (580-589)	1,035	884	149	379	322	39	132	123	6	1,402	1,212	187
Acute glomerulonephritis (580)	4	3	-	2	1	1	1	1	-	2	1	-
Nephrotic syndrome (581)	14	13	1	2	2	-	-	-	-	18	16	2
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	84	70	14	26	23	3	13	12	1	71	57	14
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	933	798	134	349	296	35	118	110	5	1,311	1,138	171
Infections of kidney (590)	51	44	7	30	28	2	24	23	1	35	34	1
Urinary calculus (592,594)	12	10	2	3	3	-	4	4	-	26	22	4
All other diseases of urinary system (591,593,595-599)	608	527	80	189	165	16	121	119	1	936	818	114
Diseases of male genital organs (600-608)	30	28	2	13	13	-	11	11	-	33	31	2
Hyperplasia of prostate (600)	17	16	1	9	9	-	7	7	-	20	19	1
Other diseases of male genital organs (601-608)	13	12	1	4	4	-	4	4	-	13	12	1
Disorders of breast (610-611)	2	1	1	-	-	-	-	-	-	2	2	-
Diseases of female genital organs except breast (614-629)	13	10	3	2	2	-	3	3	-	22	18	4
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	13	8	5	2	2	-	2	2	-	12	5	7
Pregnancy with abortive outcome (630-638)	3	2	1	1	1	-	-	-	-	3	-	3
Ectopic pregnancy (633)	2	1	1	1	1	-	-	-	-	3	-	3
Spontaneous abortion (634)	-	-	-	-	-	-	-	-	-	-	-	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	1	1	-	-	-	-	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	9	6	3	1	1	-	2	2	-	9	5	4
Hemorrhage of pregnancy and childbirth (640-641,666)	4	2	2	-	-	-	-	-	-	2	1	1
Toxemia of pregnancy (642.4-642.9,643)	1	1	-	-	-	-	-	-	-	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	1	1	-	-	-	-	6	3	3
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	4	3	1	-	-	-	2	2	-	1	1	-
Indirect obstetric causes (647-648)	1	-	1	-	-	-	-	-	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	116	87	29	50	33	13	22	22	-	249	191	56
Infections of skin and subcutaneous tissue (680-686)	37	29	8	12	10	-	5	5	-	47	42	4
All other diseases of skin and subcutaneous tissue (690-709)	79	58	21	38	23	13	17	17	-	202	149	52
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	401	356	44	91	81	5	117	110	2	417	366	50
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	112	108	4	27	26	-	45	44	-	97	94	3
Other arthropathies and related disorders (710-712,715-719)	185	157	27	41	34	4	33	29	1	176	152	24
Dorsopathies (720-724)	6	5	1	-	-	-	2	2	-	7	4	3
Rheumatism, excluding the back (725-729)	20	15	5	9	7	1	14	13	-	29	23	6
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	78	71	7	14	14	-	23	22	1	108	93	14
XIV. Congenital anomalies (740-759)	551	466	79	164	142	11	133	125	3	585	497	77
Spina bifida (741)	8	8	-	3	2	-	1	1	-	10	9	1
All other congenital anomalies of nervous system (740,742)	81	71	10	19	15	3	14	12	1	64	59	4
Congenital anomalies of heart (745-746)	189	159	29	56	48	1	52	50	1	223	193	28
Other congenital anomalies of circulatory system (747)	28	24	4	19	19	-	14	13	-	41	31	6
All other congenital anomalies (743-744,748-759)	245	204	36	67	58	7	52	49	1	247	205	38

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Ohio			Oklahoma			Oregon			Pennsylvania		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	793	502	288	156	116	34	115	103	8	834	507	318
Birth trauma (767)	9	8	1	4	3	–	3	3	–	8	6	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	163	119	41	29	22	6	25	22	2	142	101	40
Other conditions originating in the perinatal period (760-766,770-779)	621	375	246	123	91	28	87	78	6	684	400	277
XVI. Symptoms, signs, and ill-defined conditions (780-799)	1,383	1,118	260	463	376	58	588	567	12	1,141	919	215
Senility without mention of psychosis (797)	41	41	–	22	22	–	52	52	–	21	20	1
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	1,342	1,077	260	441	354	58	536	515	12	1,120	899	214
Supplementary classification of external causes of injury and poisoning (E800-E999)	5,612	4,711	881	2,039	1,721	185	1,743	1,640	38	6,533	5,379	1,100
Accidents and adverse effects (E800-E949)	3,678	3,265	399	1,350	1,171	92	1,143	1,078	21	4,125	3,605	491
Transport accidents (E800-E848)	1,807	1,642	154	743	637	47	608	581	4	1,927	1,754	153
Railway accidents (E800-E807)	21	21	–	5	2	–	11	11	–	31	24	7
Motor vehicle accidents (E810-E825)	1,729	1,566	152	717	617	46	559	534	3	1,840	1,678	142
Motor vehicle traffic accidents (E810-E819)	1,703	1,541	151	706	607	46	544	519	3	1,801	1,639	142
Involving collision with train (E810)	53	52	1	19	18	–	6	6	–	7	6	1
Involving collision with another motor vehicle (E811-E812)	623	566	50	333	296	15	214	206	1	620	567	44
Involving collision with pedestrian (E814)	205	175	29	64	49	9	60	53	2	302	268	31
Involving collision with other vehicle or object (E813,E815)	277	245	31	129	106	13	63	61	–	358	316	35
Not involving collision on highway (E816-E818)	193	178	15	120	106	4	176	169	–	203	191	12
Motor vehicle traffic accident of unspecified nature (E819)	352	325	25	41	32	5	25	24	–	311	291	19
Motor vehicle nontraffic accidents (E820-E825)	26	25	1	11	10	–	15	15	–	39	39	–
Other road vehicle accidents (E826-E829)	5	5	–	5	3	1	9	9	–	8	7	1
Water transport accidents (E830-E838)	30	28	2	6	5	–	11	10	–	24	22	2
Air and space transport accidents (E840-E845)	22	22	–	8	8	–	18	17	1	22	21	1
Vehicle accidents not elsewhere classifiable (E846-E848)	–	–	–	2	2	–	–	–	–	2	2	–
Accidental poisoning (E850-E869)	226	172	53	37	35	2	90	78	6	409	318	90
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	157	116	40	26	24	2	74	63	5	340	256	84
Accidental poisoning by other solid or liquid substances (E860-E866)	17	15	2	4	4	–	6	5	1	23	17	5
Accidental poisoning by gases and vapors (E867-E869)	52	41	11	7	7	–	10	10	–	46	45	1
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	153	137	16	31	28	1	25	25	–	200	172	28
Accidental falls (E880-E888)	625	570	54	143	133	5	149	142	3	633	573	59
Fall from one level to another (E880-E884)	171	148	23	19	19	–	37	34	2	216	188	28
Fall on same level (E885-E886)	17	16	1	6	5	1	15	14	–	16	14	2
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	437	406	30	118	109	4	97	94	1	401	371	29
Accidents caused by fire and flames (E890-E899)	175	137	38	67	53	11	32	29	3	209	142	67
Other accidents, including late effects (E900-E929)	685	600	84	327	283	26	237	221	5	736	635	94
Lightning (E907)	5	5	–	2	2	–	–	–	–	3	3	–
Accidental drowning and submersion (E910)	121	98	22	61	54	5	60	51	3	100	83	15
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	138	122	16	65	59	3	20	18	1	197	164	32
Accident caused by handgun (E922.0)	3	3	–	1	1	–	7	6	–	2	2	–
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	39	31	8	28	24	1	9	9	–	31	29	2
Accident caused by explosive material (E923)	12	11	1	11	11	–	–	–	–	3	3	–
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	3	2	1	3	2	1	2	2	–	7	4	3
Accident caused by electric current (E925)	27	27	–	16	15	–	13	13	–	27	25	2
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	337	301	36	140	115	16	126	122	1	366	322	40
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	7	7	–	2	2	–	2	2	–	11	11	–
Suicide (E950-E959)	1,188	1,094	91	392	361	12	449	435	3	1,452	1,341	98
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	110	103	7	24	23	–	41	40	1	136	128	8
Suicide by other solid or liquid substances (E950.6-E950.9)	4	4	–	–	–	–	1	1	–	15	12	2
Suicide by gases and vapors (E951-E952)	136	134	2	17	17	–	43	42	–	125	123	1
Suicide by hanging, strangulation, and suffocation (E953)	164	147	15	50	38	2	45	41	1	218	193	19
Suicide by handgun (E955.0)	34	34	–	4	4	–	166	161	1	67	64	3
Suicide by all other and unspecified firearms (E955.1-E955.4)	668	610	57	285	268	10	126	125	–	769	717	48
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	72	62	10	12	11	–	27	25	–	122	104	17
Homicide and legal intervention (E960-E978)	671	289	379	283	177	80	109	87	12	833	339	483
Assault by handgun (E965.0)	17	8	8	4	3	–	28	22	4	7	7	–
Assault by all other and unspecified firearms (E965.1-E965.4)	397	158	237	167	107	54	31	27	4	493	175	312
Assault by cutting and piercing instrument (E966)	110	49	61	48	23	16	15	10	3	135	47	86
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	136	69	67	57	39	10	28	21	1	192	107	82
Legal execution (E978)	–	–	–	1	1	–	–	–	–	–	–	–
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	11	5	6	6	4	–	7	7	–	6	3	3
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	75	63	12	13	11	1	42	40	2	123	94	28
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	19	19	–	3	3	–	23	21	2	51	46	5
From poisoning by other solid or liquid substances (E980.6-E980.9)	1	–	1	1	1	–	1	1	–	3	2	1
From injury by handgun (E985.0)	–	–	–	–	–	–	2	2	–	1	–	1
From injury by all other and unspecified firearms (E985.1-E985.4)	9	8	1	3	3	–	3	3	–	11	7	4
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	46	36	10	6	4	1	13	13	–	57	39	17
Injury resulting from operations of war (E990-E999)	–	–	–	1	1	–	–	–	–	–	–	–

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Rhode Island			South Carolina			South Dakota			Tennessee		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	9,576	9,228	297	29,715	20,254	9,425	6,326	5,891	9	46,315	38,439	7,806
I. Infectious and parasitic diseases (001-139)	199	173	22	675	326	348	42	33	-	742	563	178
Intestinal infectious diseases (001-009)	1	1	-	4	1	3	-	-	-	5	3	2
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	1	1	-	1	-	1	-	-	-	2	1	1
Amebiasis (006)	-	-	-	1	1	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	-	-	-	2	-	2	-	-	-	1	1	-
Ill-defined intestinal infections (009)	-	-	-	-	-	-	-	-	-	2	1	1
Tuberculosis (010-018)	2	1	-	37	11	26	3	1	-	44	35	9
Tuberculosis of respiratory system (010-012)	2	1	-	32	8	24	1	-	-	33	30	3
Other tuberculosis (013-018)	-	-	-	5	3	2	2	1	-	11	5	6
Zoonotic and other bacterial diseases (020-041)	109	100	7	289	173	115	28	23	-	302	222	79
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-	-	1	1	-
Meningococcal infection (036)	-	-	-	2	2	-	-	-	-	4	3	1
Tetanus (037)	-	-	-	-	-	-	-	-	-	1	-	1
Septicemia (038)	101	94	6	278	167	110	26	22	-	281	205	75
All other bacterial diseases (020-022,024-031,039-041)	8	6	1	9	4	5	2	1	-	15	13	2
Viral diseases (*042-*044,045-079)	69	53	15	284	107	177	5	3	-	281	216	65
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	1	1	-	-	-	-	-	-	-
Viral hepatitis (070)	3	3	-	18	13	5	3	1	-	46	38	8
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	66	50	15	265	93	172	2	2	-	235	178	57
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	1	1	-	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	1	1	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	-	-	-	-	-	-	-	-	-	2	1	1
Syphilis (090-097)	-	-	-	-	-	-	-	-	-	2	1	1
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	1	1	-
Neurosyphilis (094)	-	-	-	-	-	-	-	-	-	1	-	1
All other syphilis (090-091,095-097)	-	-	-	-	-	-	-	-	-	-	-	-
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	18	18	-	60	33	27	6	6	-	108	86	22
Mycoses (110-118)	7	7	-	31	25	6	5	5	-	72	64	8
Helminthiases (120-129)	-	-	-	-	-	-	-	-	-	2	2	-
Late effects of tuberculosis (137)	4	4	-	-	-	-	-	-	-	5	4	1
Late effects of acute poliomyelitis (138)	-	-	-	2	2	-	-	-	-	5	3	2
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	7	7	-	27	6	21	1	1	-	24	13	11
II. Neoplasms (140-239)	2,468	2,384	73	6,872	4,873	1,990	1,378	1,329	1	10,595	8,875	1,703
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2,427	2,346	70	6,791	4,812	1,970	1,365	1,316	1	10,493	8,788	1,688
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	32	31	-	142	81	61	17	16	-	163	134	29
Of lip (140)	2	2	-	2	2	-	-	-	-	1	1	-
Of tongue (141)	8	7	-	22	11	11	1	1	-	32	25	7
Of pharynx (146-149.0)	11	11	-	76	43	33	9	8	-	81	63	18
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	11	11	-	42	25	17	7	7	-	49	45	4
Malignant neoplasms of digestive organs and peritoneum (150-159)	646	615	29	1,533	1,041	490	374	357	1	2,368	1,910	454
Of esophagus (150)	63	51	12	157	85	72	25	25	-	184	134	50
Of stomach (151)	85	80	5	174	100	73	49	43	-	231	178	53
Of small intestine, including duodenum (152)	8	7	1	12	7	5	5	5	-	14	11	3
Of colon (153)	250	242	7	528	383	145	160	155	1	985	789	194
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	5	5	-	2	2	-	-	-	-	10	7	3
Descending colon (153.2)	2	2	-	-	-	-	2	2	-	4	3	1
Sigmoid colon (153.3)	3	3	-	8	5	3	3	3	-	9	5	3
Cecum, appendix, and ascending colon (153.4-153.6)	9	9	-	10	7	3	4	4	-	33	30	3
Other and colon, unspecified (153.8-153.9)	231	223	7	508	369	139	151	146	1	929	744	184
Of rectum, rectosigmoid junction, and anus (154)	55	53	2	83	60	23	16	13	-	139	121	18
Of liver and intrahepatic bile ducts (155)	38	38	-	125	91	33	17	16	-	170	131	37
Liver, primary (155.0)	21	21	-	49	37	11	10	9	-	66	54	12
Intrahepatic bile ducts (155.1)	7	7	-	18	14	4	2	2	-	28	22	5
Liver, not specified as primary or secondary (155.2)	10	10	-	58	40	18	5	5	-	76	55	20
Of gallbladder and extrahepatic bile ducts (156)	21	20	-	53	40	13	14	14	-	71	61	10
Of pancreas (157)	114	112	2	376	255	121	78	76	-	536	452	84
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	12	12	-	25	20	5	10	10	-	38	33	5
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	641	624	14	2,110	1,597	511	318	307	-	3,490	2,974	511
Of larynx (161)	15	15	-	55	38	17	9	8	-	92	75	16
Of trachea, bronchus, and lung (162)	618	601	14	2,029	1,538	489	308	298	-	3,371	2,876	491
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	8	8	-	26	21	5	1	1	-	27	23	4

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Rhode Island			South Carolina			South Dakota			Tennessee		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	275	265	9	753	570	180	153	149	-	1,111	949	159
Of bone and articular cartilage (170)	7	7	-	21	15	6	3	3	-	20	19	1
Of connective and other soft tissue (171)	14	13	1	38	29	9	10	10	-	73	59	14
Melanoma of skin (172)	31	31	-	88	85	3	20	20	-	131	128	3
Other malignant neoplasms of skin (173)	9	9	-	40	31	9	7	6	-	57	45	12
Of female breast (174)	212	203	8	560	406	151	111	108	-	824	693	128
Of male breast (175)	2	2	-	6	4	2	2	2	-	6	5	1
Malignant neoplasms of genital organs (179-187)	239	230	8	891	520	370	173	169	-	1,128	888	240
Of cervix uteri (180)	25	23	1	81	39	41	7	6	-	108	71	37
Of other parts of uterus (179,181-182)	25	24	1	99	50	49	17	17	-	124	105	19
Of ovary and other uterine adnexa (183)	61	60	1	170	130	40	36	36	-	232	204	28
Of other and unspecified female genital organs (184)	6	6	-	18	12	6	4	4	-	26	23	3
Of prostate (185)	120	115	5	515	283	232	108	105	-	624	474	150
Of testis (186)	-	-	-	3	2	1	1	1	-	6	6	-
Of penis and other male genital organs (187)	2	2	-	5	4	1	-	-	-	8	5	3
Malignant neoplasms of urinary organs (188-189)	118	115	2	237	180	57	62	61	-	397	343	54
Of bladder (188)	64	63	-	125	99	26	34	34	-	182	158	24
Of kidney and other and unspecified urinary organs (189)	54	52	2	112	81	31	28	27	-	215	185	30
Malignant neoplasms of other and unspecified sites (190-199)	245	239	4	570	417	152	123	118	-	824	701	119
Of eye (190)	-	-	-	2	2	-	-	-	-	5	5	-
Of brain (191)	56	56	-	189	160	29	39	38	-	266	246	20
Of other and unspecified parts of nervous system (192)	2	2	-	5	3	1	-	-	-	8	5	3
Of thyroid gland and other endocrine glands and related structures (193-194)	6	6	-	10	9	1	10	10	-	16	12	4
Of all other and unspecified sites (195-199)	181	175	4	364	243	121	74	70	-	529	433	92
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	231	227	4	555	406	149	145	139	-	1,012	889	122
Lymphosarcoma and reticulosarcoma (200)	7	7	-	15	13	2	4	3	-	31	26	5
Hodgkin's disease (201)	13	13	-	17	14	3	4	4	-	22	20	2
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	90	89	1	170	139	31	59	57	-	356	328	28
Multiple myeloma and immunoproliferative neoplasms (203)	38	36	2	144	89	55	23	23	-	213	170	43
Leukemia (204-208)	83	82	1	209	151	58	55	52	-	390	345	44
Lymphoid leukemia (204)	18	17	1	64	45	19	20	19	-	114	102	12
Myeloid leukemia (205)	37	37	-	102	74	28	26	25	-	154	132	21
Monocytic leukemia (206)	-	-	-	2	2	-	1	1	-	10	10	-
Other and unspecified leukemia (207-208)	28	28	-	41	30	11	8	7	-	112	101	11
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	41	38	3	81	61	20	13	13	-	102	87	15
Benign neoplasms (210-229)	5	4	1	28	21	7	4	4	-	40	33	7
Of female genital organs (218-221)	-	-	-	1	-	1	-	-	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225)	5	4	1	16	12	4	1	1	-	29	23	6
Of all other and unspecified sites (210-217,222-223,226-229)	-	-	-	11	9	2	3	3	-	11	10	1
Carcinoma in situ (230-234)	-	-	-	-	-	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	-	-	-	-	-	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	8	7	1	23	19	4	4	4	-	24	21	3
Neoplasms of unspecified nature (239)	28	27	1	30	21	9	5	5	-	38	33	5
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	292	280	12	995	552	442	161	142	-	1,253	996	255
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	279	267	12	948	531	416	146	129	-	1,203	955	246
Disorders of thyroid gland (240-246)	2	2	-	9	7	2	3	3	-	25	18	7
Diabetes mellitus (250)	222	212	10	726	395	330	120	105	-	912	724	186
Disorders of the pituitary gland and its hypothalamic control (253)	-	-	-	5	5	-	-	-	-	6	3	3
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	-	-	-	3	2	1	-	-	-	4	3	1
Cystic fibrosis (277.0)	3	3	-	10	9	1	1	1	-	12	12	-
Obesity (278.0)	9	8	1	25	13	12	3	3	-	36	32	4
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	43	42	1	170	100	70	19	17	-	208	163	45
Nutritional deficiencies (260-269)	13	13	-	47	21	26	15	13	-	50	41	9
Nutritional marasmus (261)	1	1	-	5	3	2	-	-	-	3	3	-
Other protein-calorie malnutrition (262-263)	11	11	-	42	18	24	14	12	-	42	34	8
All other nutritional deficiencies (260,264-269)	1	1	-	-	-	-	1	1	-	5	4	1
IV. Diseases of blood and blood-forming organs (280-289)	50	46	2	117	69	48	30	29	-	180	141	39
Anemias (280-285)	16	16	-	61	34	27	12	11	-	94	69	25
Deficiency anemias (280-281)	2	2	-	2	1	1	1	1	-	10	10	-
Hemolytic anemias (282-283)	1	1	-	21	3	18	2	2	-	21	7	14
Aplastic anemia (284)	3	3	-	20	15	5	3	3	-	26	22	4
Other and unspecified anemias (285)	10	10	-	18	15	3	6	5	-	37	30	7
Purpura and other hemorrhagic conditions (287)	6	5	-	10	7	3	1	1	-	10	8	2
All other diseases of blood and blood-forming organs (286,288-289)	28	25	2	46	28	18	17	17	-	76	64	12
V. Mental disorders (290-319)	134	126	8	457	284	173	93	83	-	737	608	128
Senile and presenile organic psychotic conditions (290)	43	43	-	154	122	32	32	32	-	331	280	51
Alcoholic psychoses (291)	-	-	-	21	8	13	3	2	-	14	11	3
All other psychoses (292-299)	31	30	1	51	29	22	17	17	-	110	98	12
Alcohol dependence syndrome (303)	22	19	3	137	64	73	15	7	-	101	70	31
Drug dependence (304)	1	1	-	3	2	1	-	-	-	1	1	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	36	32	4	82	54	28	22	22	-	165	138	26
Mental retardation (317-319)	1	1	-	9	5	4	4	3	-	15	10	5

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Rhode Island			South Carolina			South Dakota			Tennessee		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	182	179	2	527	408	119	119	115	-	788	685	103
Diseases of the nervous system (320-359)	181	178	2	527	408	119	118	114	-	788	685	103
Meningitis (320-322)	-	-	-	15	8	7	2	2	-	22	16	6
Parkinson's disease (332)	19	19	-	83	75	8	20	18	-	119	111	8
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	117	116	-	265	221	44	63	63	-	439	406	33
Multiple sclerosis (340)	7	7	-	14	13	1	9	9	-	27	22	5
Infantile cerebral palsy (343)	1	1	-	10	7	3	2	2	-	18	12	6
Epilepsy (345)	4	4	-	29	10	19	8	7	-	37	21	16
Other diseases of the nervous system (323-326,341-342,344,346-359)	33	31	2	111	74	37	14	13	-	126	97	29
Disorders of the eye and adnexa (360-379)	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the ear and mastoid process (380-389)	1	1	-	-	-	-	1	1	-	-	-	-
VII. Diseases of the circulatory system (390-459)	4,289	4,174	98	12,535	8,685	3,836	3,010	2,897	5	20,237	17,029	3,188
Rheumatic fever and rheumatic heart disease (390-398)	30	29	1	66	51	15	17	14	-	112	97	15
Acute rheumatic fever (390-392)	1	1	-	1	1	-	-	-	-	1	1	-
Chronic rheumatic heart disease (393-398)	29	28	1	65	50	15	17	14	-	111	96	15
Diseases of mitral valve (394)	15	14	1	30	25	5	6	5	-	46	40	6
Diseases of aortic valve (395)	2	2	-	4	3	1	1	1	-	5	4	1
Diseases of mitral and aortic valves (396)	4	4	-	11	6	5	4	4	-	20	19	1
All other chronic rheumatic heart disease (393,397-398)	8	8	-	20	16	4	6	4	-	40	33	7
Hypertensive disease (401-404)	133	124	9	557	252	305	47	41	1	813	514	298
Essential hypertension (401)	22	21	1	92	34	58	8	7	-	88	69	19
Hypertensive heart disease (402)	78	74	4	312	159	153	24	21	-	551	343	208
Hypertensive renal disease (403)	17	14	3	111	40	71	13	12	1	87	55	31
Hypertensive heart and renal disease (404)	16	15	1	42	19	23	2	1	-	87	47	40
Ischemic heart disease (410-414)	2,440	2,388	43	6,100	4,570	1,520	1,671	1,619	3	10,604	9,386	1,212
Acute myocardial infarction (410)	1,042	1,012	23	3,578	2,646	926	1,009	974	-	6,015	5,391	620
Other acute and subacute forms of ischemic heart disease (411)	2	2	-	216	114	101	2	2	-	22	21	1
Angina pectoris (413)	7	7	-	25	17	8	4	4	-	23	18	5
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	1,389	1,367	20	2,281	1,793	485	656	639	3	4,544	3,956	586
Diseases of pulmonary circulation (415-417)	49	46	2	221	136	85	33	33	-	224	182	41
Other forms of heart disease (420-429)	824	805	16	2,592	1,682	907	583	552	-	3,920	3,041	879
Acute and subacute endocarditis (421)	1	1	-	12	7	5	4	4	-	19	14	5
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	4	3	-	17	7	10	3	3	-	10	7	3
Other diseases of endocardium (424)	59	59	-	139	105	34	40	40	-	214	194	20
Mitral valve disorders (424.0)	5	5	-	24	19	5	3	3	-	31	26	5
Aortic valve disorders (424.1)	48	48	-	82	63	19	24	24	-	125	115	10
All other diseases of endocardium (424.2-424.9)	6	6	-	33	23	10	13	13	-	58	53	5
Heart failure (428)	97	96	1	572	354	216	152	146	-	636	536	99
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	2	2	-	14	6	8	2	1	-	19	16	2
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	661	644	15	1,838	1,203	634	382	358	-	3,022	2,274	744
Cerebrovascular diseases (430-438)	557	537	16	2,425	1,577	847	508	490	1	3,588	2,948	635
Subarachnoid hemorrhage (430)	22	20	1	118	71	46	22	21	-	147	122	25
Intracerebral and other intracranial hemorrhage (431-432)	99	93	4	359	221	138	49	42	1	448	343	104
Occlusion and stenosis of precerebral arteries (433)	1	1	-	3	3	-	6	6	-	44	39	5
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	58	57	1	338	252	86	48	47	-	376	312	63
Cerebral embolism (434.1)	5	5	-	4	4	-	1	1	-	16	11	5
Acute but ill-defined cerebrovascular disease (436)	269	261	7	1,378	861	517	337	329	-	2,138	1,772	364
Other and late effects of cerebrovascular diseases (435,437-438)	103	100	3	225	165	60	45	44	-	419	349	69
Diseases of arteries, arterioles, and capillaries (440-448)	228	219	9	510	376	134	135	133	-	879	774	104
Atherosclerosis (440)	112	108	4	164	126	38	57	57	-	404	363	41
Aortic aneurysm (441)	80	78	2	233	184	49	50	49	-	312	290	22
All other diseases of arteries, arterioles, and capillaries (442-448)	36	33	3	113	66	47	28	27	-	163	121	41
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	28	26	2	64	41	23	16	15	-	97	87	10
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	5	5	-	19	10	9	5	5	-	40	38	2
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	23	21	2	45	31	14	11	10	-	57	49	8
VIII. Diseases of the respiratory system (460-519)	764	748	14	2,255	1,778	477	568	536	-	4,077	3,569	505
Diseases of the upper respiratory tract (460-465,470-478)	6	6	-	12	9	3	-	-	-	10	9	1
Acute upper respiratory infections (460-465)	5	5	-	3	1	2	-	-	-	4	4	-
Other diseases of upper respiratory tract (470-478)	1	1	-	9	8	1	-	-	-	6	5	1
Other diseases of the respiratory system (466,480-519)	758	742	14	2,243	1,769	474	568	536	-	4,067	3,560	504
Acute bronchitis and bronchiolitis (466)	3	3	-	12	12	-	2	2	-	15	12	3
Pneumonia (480-486)	288	282	5	802	580	222	238	226	-	1,656	1,423	231
Viral pneumonia (480)	5	5	-	6	3	3	3	3	-	16	14	2
Pneumococcal and other bacterial pneumonia (481-482)	17	16	1	97	65	32	14	12	-	132	113	19
Bronchopneumonia, organism unspecified (485)	12	11	1	52	36	16	12	12	-	117	110	7
Pneumonia due to other and unspecified organism (483,486)	254	250	3	647	476	171	209	199	-	1,391	1,186	203
Influenza (487)	-	-	-	15	13	2	16	16	-	39	36	3
Chronic obstructive pulmonary diseases and allied conditions (490-496)	361	357	3	1,042	884	158	271	258	-	1,863	1,677	186
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	60	59	1	295	246	49	95	90	-	476	419	57
Bronchitis, not specified as acute or chronic (490)	2	2	-	13	12	1	-	-	-	6	6	-
Chronic bronchitis (491)	12	12	-	34	29	5	7	7	-	71	62	9
Emphysema (492)	34	33	1	178	159	19	72	68	-	295	272	23
Asthma (493)	12	12	-	70	46	24	16	15	-	104	79	25
Bronchiectasis and extrinsic allergic alveolitis (494-495)	2	2	-	10	10	-	2	2	-	14	12	2
Chronic airways obstruction, not elsewhere classified (496)	299	296	2	737	628	109	174	166	-	1,373	1,246	127
Pneumoconioses and other lung diseases due to external agents (500-508)	42	40	2	126	87	39	13	12	-	188	158	29
Empyema and abscess of lung and mediastinum (510,513)	1	1	-	16	12	4	4	3	-	12	11	1
Pleurisy (511)	2	2	-	5	3	2	-	-	-	16	14	2
All other diseases of respiratory system (512,514-519)	61	57	4	225	178	47	24	19	-	278	229	49

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Rhode Island			South Carolina			South Dakota			Tennessee		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	325	308	12	1,096	757	337	198	155	-	1,502	1,231	270
Diseases of oral cavity, salivary glands, and jaws (520-529)	1	1	-	-	-	-	-	-	-	2	2	-
Diseases of other parts of the digestive system (530-579)	324	307	12	1,096	757	337	198	155	-	1,500	1,229	270
Ulcer of stomach and duodenum (531-533)	18	17	1	76	62	14	20	17	-	114	95	19
Gastric ulcer (531)	3	3	-	29	22	7	11	9	-	35	31	4
Duodenal ulcer (532)	4	4	-	24	21	3	1	1	-	39	30	9
Peptic ulcer, site unspecified (533)	11	10	1	23	19	4	8	7	-	40	34	6
Gastritis and duodenitis (535)	2	2	-	8	5	3	2	2	-	9	7	2
Appendicitis (540-543)	5	5	-	7	5	2	-	-	-	15	12	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	28	27	-	82	52	30	18	17	-	127	101	25
Regional enteritis and idiopathic proctocolitis (555-556)	3	3	-	6	6	-	-	-	-	15	14	1
All other noninfective gastroenteritis and colitis (557-558)	45	45	-	145	99	46	15	13	-	194	167	27
Diverticula of intestine (562)	10	10	-	38	31	7	10	10	-	57	53	4
Chronic liver disease and cirrhosis (571)	101	93	6	359	233	125	50	27	-	512	415	97
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	37	34	3	246	137	109	28	10	-	217	163	54
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	7	6	-	16	11	4	3	3	-	18	15	3
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	57	53	3	97	85	12	19	14	-	277	237	40
Cholelithiasis and other disorders of gallbladder (574-575)	16	16	-	40	31	9	7	7	-	95	83	12
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	96	89	5	335	233	101	76	62	-	362	282	80
X. Diseases of the genitourinary system (580-629)	203	194	9	584	327	257	100	89	-	890	666	223
Diseases of urinary system (580-599)	199	191	8	570	321	249	96	86	-	870	647	222
Nephritis, nephrotic syndrome, and nephrosis (580-589)	105	98	7	267	133	134	57	50	-	408	299	109
Acute glomerulonephritis (580)	-	-	-	1	1	-	-	-	-	4	4	-
Nephrotic syndrome (581)	-	-	-	4	2	2	1	1	-	2	1	1
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	5	5	-	36	21	15	3	2	-	46	30	16
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	100	93	7	226	109	117	53	47	-	356	264	92
Infections of kidney (590)	6	6	-	22	15	7	6	6	-	31	29	2
Urinary calculus (592,594)	1	1	-	5	4	1	3	3	-	9	8	1
All other diseases of urinary system (591,593,595-599)	87	86	1	276	169	107	30	27	-	422	311	110
Diseases of male genital organs (600-608)	1	-	1	7	4	3	2	1	-	16	15	1
Hyperplasia of prostate (600)	1	-	1	7	4	3	2	1	-	11	10	1
Other diseases of male genital organs (601-608)	-	-	-	-	-	-	-	-	-	5	5	-
Disorders of breast (610-611)	2	2	-	1	-	1	1	1	-	1	1	-
Diseases of female genital organs except breast (614-629)	1	1	-	6	2	4	1	1	-	3	3	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	1	-	1	6	1	5	-	-	-	6	3	3
Pregnancy with abortive outcome (630-638)	-	-	-	1	-	1	-	-	-	1	1	-
Ectopic pregnancy (633)	-	-	-	-	-	-	-	-	-	-	-	-
Spontaneous abortion (634)	-	-	-	-	-	-	-	-	-	1	1	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	1	-	1	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	1	-	1	4	1	3	-	-	-	5	2	3
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	2	1	1	-	-	-	1	-	1
Toxemia of pregnancy (642.4-642.9,643)	1	-	1	1	-	1	-	-	-	1	1	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	1	-	1	-	-	-	3	1	2
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	-	-	-	-	-	-	-	-	-
Indirect obstetric causes (647-648)	-	-	-	1	-	1	-	-	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	16	15	1	79	41	38	8	7	-	53	32	21
Infections of skin and subcutaneous tissue (680-686)	5	5	-	26	17	9	3	3	-	15	8	7
All other diseases of skin and subcutaneous tissue (690-709)	11	10	1	53	24	29	5	4	-	38	24	14
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	29	27	2	115	74	41	32	30	-	182	145	36
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	5	4	1	24	21	3	10	8	-	52	49	3
Other arthropathies and related disorders (710-712,715-719)	15	15	-	67	37	30	12	12	-	90	66	23
Dorsopathies (720-724)	-	-	-	3	3	-	2	2	-	10	8	2
Rheumatism, excluding the back (725-729)	3	2	1	9	6	3	-	-	-	13	9	4
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	6	6	-	12	7	5	8	8	-	17	13	4
XIV. Congenital anomalies (740-759)	56	52	3	196	125	70	37	32	-	247	177	69
Spina bifida (741)	-	-	-	3	3	-	-	-	-	6	5	1
All other congenital anomalies of nervous system (740,742)	4	4	-	35	20	14	8	8	-	18	15	3
Congenital anomalies of heart (745-746)	21	18	3	63	36	27	8	7	-	83	55	27
Other congenital anomalies of circulatory system (747)	10	10	-	15	8	7	5	5	-	30	19	11
All other congenital anomalies (743-744,748-759)	21	20	-	80	58	22	16	12	-	110	83	27

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Rhode Island			South Carolina			South Dakota			Tennessee		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	57	50	7	366	144	222	32	23	-	363	195	168
Birth trauma (767)	1	1	-	6	4	2	1	1	-	3	2	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	8	8	-	69	33	36	12	8	-	65	44	21
Other conditions originating in the perinatal period (760-766,770-779)	48	41	7	291	107	184	19	14	-	295	149	146
XVI. Symptoms, signs, and ill-defined conditions (780-799)	45	44	1	279	150	129	75	55	1	875	704	168
Senility without mention of psychosis (797)	1	1	-	13	7	6	3	3	-	22	22	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	44	43	1	266	143	123	72	52	1	853	682	168
Supplementary classification of external causes of injury and poisoning (E800-E999)	466	428	30	2,561	1,660	893	443	336	2	3,588	2,820	749
Accidents and adverse effects (E800-E949)	280	266	10	1,668	1,102	562	327	251	-	2,321	1,957	349
Transport accidents (E800-E848)	116	111	5	992	680	309	170	126	-	1,272	1,091	169
Railway accidents (E800-E807)	2	2	-	19	10	9	1	1	-	10	8	2
Motor vehicle accidents (E810-E825)	104	99	5	942	645	295	163	120	-	1,210	1,035	163
Motor vehicle traffic accidents (E810-E819)	103	98	5	937	640	295	155	114	-	1,188	1,014	162
Involving collision with train (E810)	-	-	-	9	7	2	1	1	-	7	7	-
Involving collision with another motor vehicle (E811-E812)	26	23	3	370	279	90	61	50	-	485	430	48
Involving collision with pedestrian (E814)	23	23	-	123	54	69	15	9	-	111	71	39
Involving collision with other vehicle or object (E813,E815)	34	33	1	151	90	61	19	18	-	159	136	22
Not involving collision on highway (E816-E818)	11	10	1	248	184	63	58	36	-	327	286	39
Motor vehicle traffic accident of unspecified nature (E819)	9	9	-	36	26	10	1	-	-	99	84	14
Motor vehicle nontraffic accidents (E820-E825)	1	1	-	5	5	-	8	6	-	22	21	1
Other road vehicle accidents (E826-E829)	1	1	-	-	-	-	-	-	-	4	4	-
Water transport accidents (E830-E838)	1	1	-	23	18	4	1	1	-	26	23	3
Air and space transport accidents (E840-E845)	8	8	-	8	7	1	5	4	-	19	19	-
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	-	-	-	-	-	-	3	2	1
Accidental poisoning (E850-E869)	26	23	2	59	29	30	10	8	-	96	75	20
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	24	22	2	39	21	18	5	4	-	75	58	17
Accidental poisoning by other solid or liquid substances (E860-E866)	1	-	-	14	5	9	1	-	-	7	6	1
Accidental poisoning by gases and vapors (E867-E869)	1	1	-	6	3	3	4	4	-	14	11	2
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	18	18	-	23	18	5	3	2	-	77	65	12
Accidental falls (E880-E888)	66	63	1	138	113	25	51	45	-	253	235	18
Fall from one level to another (E880-E884)	21	19	1	31	23	8	16	15	-	67	65	2
Fall on same level (E885-E886)	6	6	-	3	3	-	5	5	-	12	12	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	39	38	-	104	87	17	30	25	-	174	158	16
Accidents caused by fire and flames (E890-E899)	8	7	1	125	62	63	23	12	-	127	83	44
Other accidents, including late effects (E900-E929)	45	43	1	329	199	129	69	57	-	489	402	85
Lightning (E907)	-	-	-	1	1	-	-	-	-	2	2	-
Accidental drowning and submersion (E910)	10	9	-	80	45	35	16	13	-	95	70	24
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	12	12	-	80	50	30	9	7	-	91	76	15
Accident caused by handgun (E922.0)	-	-	-	2	2	-	-	-	-	5	3	2
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1	1	-	29	19	10	4	3	-	76	60	15
Accident caused by explosive material (E923)	-	-	-	-	-	-	-	-	-	6	6	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	1	1	-	2	2	-	-	-	-	2	1	1
Accident caused by electric current (E925)	-	-	-	10	9	1	2	2	-	14	14	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	21	20	1	125	71	53	38	32	-	198	170	28
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	1	1	-	2	1	1	1	1	-	7	6	1
Suicide (E950-E959)	127	120	6	434	366	66	91	71	2	653	578	73
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	16	15	1	32	22	9	4	4	-	50	48	2
Suicide by other solid or liquid substances (E950.6-E950.9)	4	4	-	1	1	-	-	-	-	8	8	-
Suicide by gases and vapors (E951-E952)	16	16	-	11	10	1	7	7	-	32	31	1
Suicide by hanging, strangulation, and suffocation (E953)	38	37	1	43	38	5	19	11	-	54	45	8
Suicide by handgun (E955.0)	2	-	2	69	61	8	7	6	1	47	41	6
Suicide by all other and unspecified firearms (E955.1-E955.4)	36	34	1	262	222	39	49	39	1	434	389	44
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	15	14	1	16	12	4	5	4	-	28	16	12
Homicide and legal intervention (E960-E978)	51	38	10	434	174	258	19	10	-	561	238	321
Assault by handgun (E965.0)	-	-	-	35	13	22	-	-	-	36	13	22
Assault by all other and unspecified firearms (E965.1-E965.4)	26	22	3	226	87	138	7	5	-	346	149	196
Assault by cutting and piercing instrument (E966)	5	4	1	89	29	60	5	2	-	101	35	66
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	20	12	6	80	43	36	7	3	-	76	40	36
Legal execution (E978)	-	-	-	1	1	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	-	-	-	3	1	2	-	-	-	2	1	1
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	8	4	4	25	18	7	6	4	-	53	47	6
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	3	-	3	9	8	1	2	1	-	14	12	2
From poisoning by other solid or liquid substances (E980.6-E980.9)	-	-	-	1	1	-	1	1	-	2	1	1
From injury by handgun (E985.0)	-	-	-	-	-	-	-	-	-	3	2	1
From injury by all other and unspecified firearms (E985.1-E985.4)	1	-	1	7	6	1	1	1	-	22	22	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	4	4	-	8	3	5	2	1	-	12	10	2
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.
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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Texas			Utah			Vermont			Virginia		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	125,479	108,166	16,675	9,192	8,962	62	4,595	4,584	5	48,013	37,357	10,388
I. Infectious and parasitic diseases (001-139)	3,953	3,263	671	166	160	3	64	64	-	1,229	814	410
Intestinal infectious diseases (001-009)	16	14	2	3	3	-	-	-	-	6	3	3
Cholera and typhoid and paratyphoid fevers (001-002)	1	1	-	-	-	-	-	-	-	1	1	-
Shigellosis (004)	1	1	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	2	2	-	1	1	-	-	-	-	-	-	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	10	10	-	2	2	-	-	-	-	1	1	-
Ill-defined intestinal infections (009)	2	-	2	-	-	-	-	-	-	4	1	3
Tuberculosis (010-018)	131	97	32	4	4	-	-	-	-	26	16	9
Tuberculosis of respiratory system (010-012)	91	70	21	3	3	-	-	-	-	19	10	8
Other tuberculosis (013-018)	40	27	11	1	1	-	-	-	-	7	6	1
Zoonotic and other bacterial diseases (020-041)	1,414	1,187	218	73	70	-	28	28	-	669	472	195
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	1	-	1	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	2	1	1	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	12	8	4	1	1	-	-	-	-	4	3	1
Tetanus (037)	2	2	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	1,284	1,076	200	66	64	-	26	26	-	646	455	189
All other bacterial diseases (020-022,024-031,039-041)	113	100	12	6	5	-	2	2	-	19	14	5
Viral diseases (*042-*044,045-079)	2,075	1,718	349	63	60	3	30	30	-	428	267	159
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	9	6	3	-	-	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	3	2	1	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	109	94	12	5	5	-	2	2	-	19	15	4
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	1,954	1,616	333	58	55	3	28	28	-	409	252	155
Rickettsioses and other arthropod-borne diseases (080-088)	3	1	2	-	-	-	-	-	-	3	2	1
Typhus and other rickettsioses (080-083)	1	1	-	-	-	-	-	-	-	3	2	1
Malaria (084)	2	-	2	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	8	2	6	-	-	-	-	-	-	5	-	5
Syphilis (090-097)	8	2	6	-	-	-	-	-	-	5	-	5
Cardiovascular syphilis (093)	1	-	1	-	-	-	-	-	-	2	-	2
Neurosyphilis (094)	2	2	-	-	-	-	-	-	-	3	-	3
All other syphilis (090-091,095-097)	5	-	5	-	-	-	-	-	-	-	-	-
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	306	244	62	23	23	-	6	6	-	92	54	38
Mycoses (110-118)	160	127	33	15	15	-	2	2	-	48	33	15
Helminthiases (120-129)	2	2	-	-	-	-	-	-	-	-	-	-
Late effects of tuberculosis (137)	20	18	2	-	-	-	-	-	-	5	2	3
Late effects of acute poliomyelitis (138)	13	11	2	-	-	-	2	2	-	2	2	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	111	86	25	8	8	-	2	2	-	37	17	20
II. Neoplasms (140-239)	28,926	25,122	3,657	1,806	1,776	8	1,161	1,158	1	11,774	9,240	2,451
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	28,633	24,879	3,608	1,765	1,736	8	1,136	1,133	1	11,624	9,133	2,412
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	525	447	71	19	19	-	19	18	-	189	141	47
Of lip (140)	5	5	-	1	1	-	1	1	-	-	-	-
Of tongue (141)	112	96	16	3	3	-	2	2	-	33	24	9
Of pharynx (146-149.0)	266	216	43	11	11	-	10	9	-	99	74	24
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	142	130	12	4	4	-	6	6	-	57	43	14
Malignant neoplasms of digestive organs and peritoneum (150-159)	6,680	5,681	945	399	396	1	257	256	-	2,591	1,937	622
Of esophagus (150)	488	391	94	24	24	-	19	19	-	282	177	103
Of stomach (151)	828	657	158	48	46	1	29	28	-	252	173	73
Of small intestine, including duodenum (152)	64	50	14	2	2	-	1	1	-	15	10	5
Of colon (153)	2,495	2,133	353	167	167	-	97	97	-	1,045	819	220
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	8	6	2	1	1	-	1	1	-	5	3	2
Descending colon (153.2)	11	10	1	1	1	-	-	-	-	3	3	-
Sigmoid colon (153.3)	31	31	-	1	1	-	1	1	-	10	8	2
Cecum, appendix, and ascending colon (153.4-153.6)	77	66	10	8	8	-	5	5	-	29	20	9
Other and colon, unspecified (153.8-153.9)	2,368	2,020	340	156	156	-	90	90	-	998	785	207
Of rectum, rectosigmoid junction, and anus (154)	363	323	38	22	22	-	22	22	-	159	123	33
Of liver and intrahepatic bile ducts (155)	679	577	83	25	25	-	11	11	-	155	109	39
Liver, primary (155.0)	487	410	60	11	11	-	3	3	-	78	51	23
Intrahepatic bile ducts (155.1)	47	42	4	5	5	-	7	7	-	21	19	1
Liver, not specified as primary or secondary (155.2)	145	125	19	9	9	-	1	1	-	56	39	15
Of gallbladder and extrahepatic bile ducts (156)	213	197	14	17	16	-	8	8	-	65	51	13
Of pancreas (157)	1,454	1,267	183	89	89	-	61	61	-	582	452	123
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	96	86	8	5	5	-	9	9	-	36	23	13
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	8,861	7,763	1,075	320	311	1	334	333	1	3,482	2,832	639
Of larynx (161)	205	172	33	8	7	-	10	10	-	87	66	21
Of trachea, bronchus, and lung (162)	8,558	7,508	1,027	302	294	1	321	320	1	3,367	2,745	613
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	98	83	15	10	10	-	3	3	-	28	21	5

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Texas			Utah			Vermont			Virginia		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	3,149	2,785	349	234	230	2	132	132	-	1,348	1,107	229
Of bone and articular cartilage (170)	104	91	11	3	3	-	1	1	-	11	7	3
Of connective and other soft tissue (171)	209	173	34	9	9	-	7	7	-	73	58	14
Melanoma of skin (172)	377	370	6	38	38	-	17	17	-	149	142	6
Other malignant neoplasms of skin (173)	179	166	13	12	12	-	8	8	-	67	49	18
Of female breast (174)	2,263	1,972	281	171	167	2	99	99	-	1,041	846	186
Of male breast (175)	17	13	4	1	1	-	-	-	-	7	5	2
Malignant neoplasms of genital organs (179-187)	3,105	2,569	527	303	300	1	149	149	-	1,316	972	341
Of cervix uteri (180)	315	248	64	17	16	-	7	7	-	117	78	37
Of other parts of uterus (179,181-182)	340	270	70	29	29	-	11	11	-	122	93	28
Of ovary and other uterine adnexa (183)	646	591	54	66	66	-	29	29	-	287	248	39
Of other and unspecified female genital organs (184)	57	49	7	3	3	-	3	3	-	30	27	3
Of prostate (185)	1,712	1,378	330	182	180	1	98	98	-	748	516	232
Of testis (186)	21	20	1	5	5	-	-	-	-	8	8	-
Of penis and other male genital organs (187)	14	13	1	1	1	-	1	1	-	4	2	2
Malignant neoplasms of urinary organs (188-189)	1,108	1,000	103	74	69	2	46	46	-	434	356	77
Of bladder (188)	487	445	41	39	36	1	23	23	-	218	182	35
Of kidney and other and unspecified urinary organs (189)	621	555	62	35	33	1	23	23	-	216	174	42
Malignant neoplasms of other and unspecified sites (190-199)	2,486	2,191	278	213	212	-	90	90	-	1,208	924	271
Of eye (190)	25	24	-	-	-	-	-	-	-	2	2	-
Of brain (191)	724	667	53	63	63	-	15	15	-	229	195	31
Of other and unspecified parts of nervous system (192)	12	11	1	3	3	-	-	-	-	7	5	2
Of thyroid gland and other endocrine glands and related structures (193-194)	96	78	18	8	7	-	7	7	-	34	25	9
Of all other and unspecified sites (195-199)	1,629	1,411	206	139	139	-	68	68	-	936	697	229
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	2,719	2,443	260	203	199	1	109	109	-	1,056	864	186
Lymphosarcoma and reticulosarcoma (200)	68	63	5	20	20	-	6	6	-	50	40	10
Hodgkin's disease (201)	98	88	10	3	2	-	2	2	-	37	30	7
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	914	845	62	60	60	-	39	39	-	346	307	37
Multiple myeloma and immunoproliferative neoplasms (203)	510	417	91	33	33	-	16	16	-	223	150	72
Leukemia (204-208)	1,129	1,030	92	87	84	1	46	46	-	400	337	60
Lymphoid leukemia (204)	334	299	32	21	21	-	15	15	-	100	83	17
Myeloid leukemia (205)	442	404	35	44	41	1	26	26	-	154	129	24
Monocytic leukemia (206)	19	18	1	3	3	-	-	-	-	7	6	1
Other and unspecified leukemia (207-208)	334	309	24	19	19	-	5	5	-	139	119	18
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	293	243	49	41	40	-	25	25	-	150	107	39
Benign neoplasms (210-229)	72	56	16	6	6	-	4	4	-	33	21	12
Of female genital organs (218-221)	1	1	-	1	1	-	-	-	-	1	-	1
Of eye, brain, and other parts of nervous system (224-225)	42	29	13	3	3	-	4	4	-	23	15	8
Of all other and unspecified sites (210-217,222-223,226-229)	29	26	3	2	2	-	-	-	-	9	6	3
Carcinoma in situ (230-234)	1	1	-	-	-	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	1	1	-	-	-	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	75	66	9	8	7	-	8	8	-	24	18	6
Neoplasms of unspecified nature (239)	145	120	24	27	27	-	13	13	-	93	68	21
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	4,632	3,888	719	377	360	4	151	151	-	1,261	845	410
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	4,406	3,696	687	356	340	4	139	139	-	1,172	781	385
Disorders of thyroid gland (240-246)	64	54	10	5	5	-	4	4	-	25	15	8
Diabetes mellitus (250)	3,515	2,953	545	288	272	4	108	108	-	891	582	305
Disorders of the pituitary gland and its hypothalamic control (253)	20	18	2	2	2	-	-	-	-	4	3	1
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	14	12	2	2	2	-	-	-	-	3	2	1
Cystic fibrosis (277.0)	29	27	2	6	6	-	2	2	-	5	5	-
Obesity (278.0)	99	70	29	15	15	-	1	1	-	22	17	5
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	665	562	97	38	38	-	24	24	-	222	157	65
Nutritional deficiencies (260-269)	226	192	32	21	20	-	12	12	-	89	64	25
Nutritional marasmus (261)	21	17	4	1	1	-	2	2	-	9	5	4
Other protein-calorie malnutrition (262-263)	186	157	27	20	19	-	10	10	-	73	54	19
All other nutritional deficiencies (260,264-269)	19	18	1	-	-	-	-	-	-	7	5	2
IV. Diseases of blood and blood-forming organs (280-289)	558	457	97	49	48	-	13	13	-	194	146	46
Anemias (280-285)	279	211	64	16	15	-	5	5	-	90	60	28
Deficiency anemias (280-281)	20	18	2	-	-	-	-	-	-	1	1	-
Hemolytic anemias (282-283)	43	10	32	2	2	-	1	1	-	18	8	10
Aplastic anemia (284)	81	70	10	11	10	-	1	1	-	25	19	4
Other and unspecified anemias (285)	135	113	20	3	3	-	3	3	-	46	32	14
Purpura and other hemorrhagic conditions (287)	49	41	8	2	2	-	1	1	-	17	13	4
All other diseases of blood and blood-forming organs (286,288-289)	230	205	25	31	31	-	7	7	-	87	73	14
V. Mental disorders (290-319)	1,232	1,078	150	150	146	-	72	71	-	681	522	158
Senile and presenile organic psychotic conditions (290)	400	356	42	47	47	-	24	24	-	243	203	40
Alcoholic psychoses (291)	17	13	4	1	1	-	2	2	-	18	11	7
All other psychoses (292-299)	146	124	21	33	33	-	20	19	-	144	112	31
Alcohol dependence syndrome (303)	196	158	38	41	38	-	16	16	-	124	67	57
Drug dependence (304)	24	24	-	-	-	-	-	-	-	1	1	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	430	387	42	26	25	-	10	10	-	147	124	23
Mental retardation (317-319)	19	16	3	2	2	-	-	-	-	4	4	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Texas			Utah			Vermont			Virginia		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	2,342	2,095	240	270	266	2	124	124	-	953	786	164
Diseases of the nervous system (320-359)	2,336	2,090	239	270	266	2	124	124	-	949	785	161
Meningitis (320-322)	78	59	19	3	2	1	2	2	-	29	19	10
Parkinson's disease (332)	397	376	20	60	60	-	15	15	-	172	159	12
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	1,201	1,103	93	145	144	1	82	82	-	466	411	54
Multiple sclerosis (340)	65	57	8	11	11	-	6	6	-	45	36	9
Infantile cerebral palsy (343)	68	62	6	1	1	-	2	2	-	11	10	1
Epilepsy (345)	123	96	27	10	10	-	5	5	-	41	13	28
Other diseases of the nervous system (323-326,341-342,344,346-359)	404	337	66	40	38	-	12	12	-	185	137	47
Disorders of the eye and adnexa (360-379)	1	1	-	-	-	-	-	-	-	2	-	2
Diseases of the ear and mastoid process (380-389)	5	4	1	-	-	-	-	-	-	2	1	1
VII. Diseases of the circulatory system (390-459)	51,265	44,468	6,605	3,628	3,573	20	1,860	1,857	2	20,094	15,977	4,028
Rheumatic fever and rheumatic heart disease (390-398)	221	198	20	58	54	1	14	14	-	86	70	15
Acute rheumatic fever (390-392)	6	6	-	-	-	-	-	-	-	3	2	1
Chronic rheumatic heart disease (393-398)	215	192	20	58	54	1	14	14	-	83	68	14
Diseases of mitral valve (394)	99	91	5	12	12	-	5	5	-	42	34	8
Diseases of aortic valve (395)	6	6	-	-	-	-	2	2	-	2	1	1
Diseases of mitral and aortic valves (396)	45	38	7	5	4	-	2	2	-	13	12	1
All other chronic rheumatic heart disease (393,397-398)	65	57	8	41	38	1	5	5	-	26	21	4
Hypertensive disease (401-404)	2,306	1,680	616	112	109	3	44	44	-	608	384	223
Essential hypertension (401)	328	259	69	8	8	-	5	5	-	90	61	29
Hypertensive heart disease (402)	1,483	1,067	409	93	90	3	27	27	-	372	237	134
Hypertensive renal disease (403)	354	260	91	6	6	-	9	9	-	90	58	32
Hypertensive heart and renal disease (404)	141	94	47	5	5	-	3	3	-	56	28	28
Ischemic heart disease (410-414)	25,954	23,209	2,663	1,570	1,548	7	917	916	-	9,317	7,655	1,625
Acute myocardial infarction (410)	13,952	12,461	1,449	783	772	4	467	467	-	4,594	3,796	781
Other acute and subacute forms of ischemic heart disease (411)	110	94	14	4	4	-	3	3	-	614	446	166
Angina pectoris (413)	83	74	9	3	3	-	4	4	-	36	24	12
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	11,809	10,580	1,191	780	769	3	443	442	-	4,073	3,389	666
Diseases of pulmonary circulation (415-417)	789	658	130	53	53	-	14	14	-	303	211	91
Other forms of heart disease (420-429)	10,967	9,244	1,677	960	949	5	451	451	-	5,265	4,119	1,124
Acute and subacute endocarditis (421)	47	30	17	4	4	-	2	2	-	26	22	4
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	56	43	12	3	3	-	2	2	-	16	15	1
Other diseases of endocardium (424)	604	539	65	63	63	-	50	50	-	258	218	40
Mitral valve disorders (424.0)	109	97	12	9	9	-	10	10	-	29	26	3
Aortic valve disorders (424.1)	339	304	35	33	33	-	33	33	-	154	133	21
All other diseases of endocardium (424.2-424.9)	156	138	18	21	21	-	7	7	-	75	59	16
Heart failure (428)	1,759	1,519	232	241	240	1	67	67	-	1,084	872	210
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	66	49	17	5	5	-	2	2	-	16	12	4
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	8,435	7,064	1,334	644	634	4	328	328	-	3,865	2,980	865
Cerebrovascular diseases (430-438)	8,454	7,221	1,191	675	662	3	301	300	1	3,520	2,715	780
Subarachnoid hemorrhage (430)	434	368	61	25	25	-	20	20	-	146	117	27
Intracerebral and other intracranial hemorrhage (431-432)	1,210	995	196	98	94	-	38	38	-	486	358	119
Occlusion and stenosis of precerebral arteries (433)	67	54	13	1	1	-	5	5	-	30	27	3
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	911	775	132	71	70	-	25	24	1	429	338	88
Cerebral embolism (434.1)	24	23	1	4	4	-	2	2	-	13	9	4
Acute but ill-defined cerebrovascular disease (436)	4,848	4,162	672	396	390	2	160	160	-	2,023	1,559	454
Other and late effects of cerebrovascular diseases (435,437-438)	960	844	116	80	78	1	51	51	-	393	307	85
Diseases of arteries, arterioles, and capillaries (440-448)	2,318	2,042	270	179	178	1	113	112	1	880	742	136
Atherosclerosis (440)	1,105	975	127	78	77	1	28	28	-	359	293	64
Aortic aneurysm (441)	737	666	68	64	64	-	52	51	1	345	309	36
All other diseases of arteries, arterioles, and capillaries (442-448)	476	401	75	37	37	-	33	33	-	176	140	36
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	256	216	38	21	20	-	6	6	-	115	81	34
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	99	82	16	6	6	-	4	4	-	39	30	9
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	157	134	22	15	14	-	2	2	-	76	51	25
VIII. Diseases of the respiratory system (460-519)	10,819	9,846	933	869	845	7	488	488	-	4,179	3,563	608
Diseases of the upper respiratory tract (460-465,470-478)	37	30	7	5	5	-	2	2	-	16	15	1
Acute upper respiratory infections (460-465)	13	10	3	3	3	-	-	-	-	7	7	-
Other diseases of upper respiratory tract (470-478)	24	20	4	2	2	-	2	2	-	9	8	1
Other diseases of the respiratory system (466,480-519)	10,782	9,816	926	864	840	7	486	486	-	4,163	3,548	607
Acute bronchitis and bronchiolitis (466)	31	29	2	1	1	-	1	1	-	17	16	1
Pneumonia (480-486)	4,067	3,614	441	380	368	3	198	198	-	1,690	1,417	270
Viral pneumonia (480)	57	52	5	2	2	-	2	2	-	12	6	6
Pneumococcal and other bacterial pneumonia (481-482)	307	273	33	13	11	-	14	14	-	103	83	19
Bronchopneumonia, organism unspecified (485)	287	241	46	12	11	-	19	19	-	74	62	12
Pneumonia due to other and unspecified organism (483,486)	3,416	3,048	357	353	344	3	163	163	-	1,501	1,266	233
Influenza (487)	256	241	14	19	18	1	6	6	-	36	34	2
Chronic obstructive pulmonary diseases and allied conditions (490-496)	4,918	4,578	321	358	350	3	221	221	-	1,807	1,591	213
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	1,509	1,389	113	118	115	2	44	44	-	480	421	57
Bronchitis, not specified as acute or chronic (490)	45	42	3	2	2	-	1	1	-	15	11	4
Chronic bronchitis (491)	157	154	3	20	20	-	8	8	-	59	56	3
Emphysema (492)	1,046	984	60	66	64	1	23	23	-	288	261	25
Asthma (493)	261	209	47	30	29	1	12	12	-	118	93	25
Bronchiectasis and extrinsic allergic alveolitis (494-495)	66	63	2	7	7	-	3	3	-	27	25	2
Chronic airways obstruction, not elsewhere classified (496)	3,343	3,126	206	233	228	1	174	174	-	1,300	1,145	154
Pneumoconioses and other lung diseases due to external agents (500-508)	585	529	55	45	44	-	21	21	-	261	212	49
Empyema and abscess of lung and mediastinum (510,513)	50	37	13	1	1	-	2	2	-	22	12	10
Pleurisy (511)	49	46	3	-	-	-	1	1	-	28	22	6
All other diseases of respiratory system (512,514-519)	826	742	77	60	58	-	36	36	-	302	244	56

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Texas			Utah			Vermont			Virginia		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	4,514	4,018	469	397	388	3	192	191	1	1,545	1,205	331
Diseases of oral cavity, salivary glands, and jaws (520-529)	8	8	-	-	-	-	1	1	-	3	1	2
Diseases of other parts of the digestive system (530-579)	4,506	4,010	469	397	388	3	191	190	1	1,542	1,204	329
Ulcer of stomach and duodenum (531-533)	376	349	26	46	46	-	13	13	-	95	80	14
Gastric ulcer (531)	108	99	9	12	12	-	4	4	-	23	18	5
Duodenal ulcer (532)	111	106	5	12	12	-	8	8	-	31	28	3
Peptic ulcer, site unspecified (533)	157	144	12	22	22	-	1	1	-	41	34	6
Gastritis and duodenitis (535)	41	37	4	1	1	-	4	4	-	13	11	2
Appendicitis (540-543)	28	23	5	5	5	-	1	1	-	6	5	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	369	324	45	44	44	-	14	14	-	123	89	32
Regional enteritis and idiopathic proctocolitis (555-556)	27	25	2	7	7	-	4	4	-	15	14	1
All other noninfective gastroenteritis and colitis (557-558)	507	453	53	39	39	-	23	23	-	194	158	36
Diverticula of intestine (562)	168	160	7	21	21	-	9	9	-	58	52	6
Chronic liver disease and cirrhosis (571)	1,604	1,428	163	105	100	2	59	58	1	493	367	122
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	582	508	71	54	49	2	34	34	-	180	122	58
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	88	75	10	12	12	-	5	5	-	18	12	5
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	934	845	82	39	39	-	20	19	1	295	233	59
Cholelithiasis and other disorders of gallbladder (574-575)	199	177	19	16	15	-	7	7	-	52	48	4
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	1,187	1,034	145	113	110	1	57	57	-	493	380	111
X. Diseases of the genitourinary system (580-629)	2,132	1,767	351	169	165	-	80	80	-	881	586	287
Diseases of urinary system (580-599)	2,065	1,711	341	166	162	-	78	78	-	863	574	281
Nephritis, nephrotic syndrome, and nephrosis (580-589)	888	727	155	110	107	-	50	50	-	487	324	158
Acute glomerulonephritis (580)	6	6	-	-	-	-	-	-	-	3	3	-
Nephrotic syndrome (581)	12	10	2	1	1	-	1	1	-	1	-	1
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	92	78	14	18	17	-	4	4	-	29	19	10
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	778	633	139	91	89	-	45	45	-	454	302	147
Infections of kidney (590)	118	108	10	12	12	-	2	2	-	15	12	3
Urinary calculus (592,594)	20	19	-	-	-	-	1	1	-	7	7	-
All other diseases of urinary system (591,593,595-599)	1,039	857	176	44	43	-	25	25	-	354	231	120
Diseases of male genital organs (600-608)	45	40	4	3	3	-	2	2	-	9	5	4
Hyperplasia of prostate (600)	24	20	4	1	1	-	2	2	-	5	4	1
Other diseases of male genital organs (601-608)	21	20	-	2	2	-	-	-	-	4	1	3
Disorders of breast (610-611)	3	-	3	-	-	-	-	-	-	2	2	-
Diseases of female genital organs except breast (614-629)	19	16	3	-	-	-	-	-	-	7	5	2
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	21	13	8	2	2	-	1	1	-	4	3	1
Pregnancy with abortive outcome (630-638)	3	3	-	-	-	-	-	-	-	-	-	-
Ectopic pregnancy (633)	2	2	-	-	-	-	-	-	-	-	-	-
Spontaneous abortion (634)	-	-	-	-	-	-	-	-	-	-	-	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	1	1	-	-	-	-	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	17	10	7	1	1	-	1	1	-	3	2	1
Hemorrhage of pregnancy and childbirth (640-641,666)	3	2	1	1	1	-	-	-	-	1	-	1
Toxemia of pregnancy (642.4-642.9,643)	4	2	2	-	-	-	-	-	-	1	1	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	7	4	3	-	-	-	1	1	-	-	-	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	3	2	1	-	-	-	-	-	-	1	1	-
Indirect obstetric causes (647-648)	1	-	1	1	1	-	-	-	-	1	1	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	218	150	67	9	9	-	6	6	-	104	66	38
Infections of skin and subcutaneous tissue (680-686)	26	22	4	2	2	-	2	2	-	15	10	5
All other diseases of skin and subcutaneous tissue (690-709)	192	128	63	7	7	-	4	4	-	89	56	33
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	494	414	78	52	50	1	14	14	-	169	130	39
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	100	95	4	10	9	-	3	3	-	42	36	6
Other arthropathies and related disorders (710-712,715-719)	239	188	50	21	21	-	5	5	-	79	58	21
Dorsopathies (720-724)	8	8	-	3	3	-	-	-	-	2	2	-
Rheumatism, excluding the back (725-729)	41	31	10	3	2	1	-	-	-	17	11	6
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	106	92	14	15	15	-	6	6	-	29	23	6
XIV. Congenital anomalies (740-759)	1,022	858	142	122	116	2	22	22	-	288	202	79
Spina bifida (741)	19	16	3	-	-	-	-	-	-	3	2	1
All other congenital anomalies of nervous system (740,742)	137	123	12	15	14	1	2	2	-	32	21	10
Congenital anomalies of heart (745-746)	366	298	58	49	47	1	8	8	-	115	86	26
Other congenital anomalies of circulatory system (747)	90	76	13	6	5	-	-	-	-	22	16	6
All other congenital anomalies (743-744,748-759)	410	345	56	52	50	-	12	12	-	116	77	36

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Texas			Utah			Vermont			Virginia		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	1,058	721	322	68	63	-	22	22	-	528	239	286
Birth trauma (767)	15	12	3	2	2	-	1	1	-	6	3	3
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	250	186	63	10	10	-	2	2	-	54	32	22
Other conditions originating in the perinatal period (760-766,770-779)	793	523	256	56	51	-	19	19	-	468	204	261
XVI. Symptoms, signs, and ill-defined conditions (780-799)	1,148	938	204	146	136	3	30	30	-	514	378	134
Senility without mention of psychosis (797)	59	50	9	19	19	-	3	3	-	63	57	6
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	1,089	888	195	127	117	3	27	27	-	451	321	128
Supplementary classification of external causes of injury and poisoning (E800-E999)	11,145	9,070	1,962	912	859	9	295	292	1	3,615	2,655	918
Accidents and adverse effects (E800-E949)	6,366	5,462	844	563	528	4	194	191	1	2,194	1,691	481
Transport accidents (E800-E848)	3,527	3,049	437	321	300	2	97	94	1	1,137	890	232
Railway accidents (E800-E807)	41	35	6	5	5	-	-	-	-	17	7	9
Motor vehicle accidents (E810-E825)	3,359	2,900	418	292	272	2	90	87	1	1,059	831	214
Motor vehicle traffic accidents (E810-E819)	3,309	2,856	412	285	265	2	85	82	1	1,040	816	210
Involving collision with train (E810)	83	78	5	6	6	-	-	-	-	10	8	2
Involving collision with another motor vehicle (E811-E812)	1,291	1,130	144	110	108	-	20	18	-	357	283	64
Involving collision with pedestrian (E814)	531	412	112	40	35	-	12	11	1	111	75	36
Involving collision with other vehicle or object (E813,E815)	692	595	88	31	27	-	11	11	-	149	112	34
Not involving collision on highway (E816-E818)	599	536	57	93	85	2	11	11	-	294	242	51
Motor vehicle traffic accident of unspecified nature (E819)	113	105	6	5	4	-	31	31	-	119	96	23
Motor vehicle nontraffic accidents (E820-E825)	50	44	6	7	7	-	5	5	-	19	15	4
Other road vehicle accidents (E826-E829)	18	17	1	1	1	-	1	1	-	6	5	1
Water transport accidents (E830-E838)	55	45	10	4	4	-	6	6	-	26	18	8
Air and space transport accidents (E840-E845)	53	51	2	19	18	-	-	-	-	28	28	-
Vehicle accidents not elsewhere classifiable (E846-E848)	1	1	-	-	-	-	-	-	-	1	1	-
Accidental poisoning (E850-E869)	419	354	61	24	24	-	8	8	-	135	98	37
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	323	273	47	18	18	-	6	6	-	76	52	24
Accidental poisoning by other solid or liquid substances (E860-E866)	41	32	8	2	2	-	1	1	-	37	28	9
Accidental poisoning by gases and vapors (E867-E869)	55	49	6	4	4	-	1	1	-	22	18	4
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	100	88	12	22	22	-	10	10	-	81	55	25
Accidental falls (E880-E888)	664	626	36	82	81	-	36	36	-	258	228	29
Fall from one level to another (E880-E884)	135	127	6	28	28	-	9	9	-	55	47	7
Fall on same level (E885-E886)	42	39	3	5	5	-	-	-	-	5	4	1
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	487	460	27	49	48	-	27	27	-	198	177	21
Accidents caused by fire and flames (E890-E899)	272	190	81	20	18	-	9	9	-	103	59	44
Other accidents, including late effects (E900-E929)	1,381	1,152	217	94	83	2	33	33	-	473	357	111
Lightning (E907)	6	5	1	1	1	-	-	-	-	1	1	-
Accidental drowning and submersion (E910)	388	321	60	28	24	1	2	2	-	113	79	31
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	231	188	43	17	17	-	13	13	-	105	85	20
Accident caused by handgun (E922.0)	17	14	3	3	3	-	-	-	-	5	3	2
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	149	124	24	4	3	-	-	-	-	27	19	8
Accident caused by explosive material (E923)	34	30	4	-	-	-	1	1	-	5	4	1
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	3	2	1	1	1	-	-	-	-	5	3	2
Accident caused by electric current (E925)	80	75	5	4	4	-	1	1	-	23	20	3
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	473	393	76	36	30	1	16	16	-	189	143	44
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	3	3	-	-	-	-	1	1	-	7	4	3
Suicide (E950-E959)	2,206	2,042	143	264	260	1	84	84	-	799	704	88
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	179	167	10	22	21	1	7	7	-	80	76	4
Suicide by other solid or liquid substances (E950.6-E950.9)	14	13	1	4	4	-	1	1	-	4	3	1
Suicide by gases and vapors (E951-E952)	87	83	2	21	20	-	9	9	-	36	34	2
Suicide by hanging, strangulation, and suffocation (E953)	254	226	26	38	38	-	11	11	-	80	63	15
Suicide by handgun (E955.0)	102	98	4	103	102	-	3	3	-	63	55	8
Suicide by all other and unspecified firearms (E955.1-E955.4)	1,493	1,388	92	66	65	-	48	48	-	489	438	47
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	77	67	8	10	10	-	5	5	-	47	35	11
Homicide and legal intervention (E960-E978)	2,442	1,466	944	58	46	3	16	16	-	580	229	339
Assault by handgun (E965.0)	54	37	17	15	12	-	-	-	-	19	7	12
Assault by all other and unspecified firearms (E965.1-E965.4)	1,610	906	679	7	6	-	8	8	-	364	133	227
Assault by cutting and piercing instrument (E966)	395	255	137	17	13	3	4	4	-	84	34	48
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	363	255	104	18	14	-	4	4	-	104	49	49
Legal execution (E978)	4	2	2	-	-	-	-	-	-	3	2	1
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	16	11	5	1	1	-	-	-	-	6	4	2
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	130	100	30	27	25	1	1	1	-	41	30	10
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	40	34	6	19	18	1	1	1	-	10	9	1
From poisoning by other solid or liquid substances (E980.6-E980.9)	2	2	-	1	1	-	-	-	-	-	-	-
From injury by handgun (E985.0)	-	-	-	1	1	-	-	-	-	1	1	-
From injury by all other and unspecified firearms (E985.1-E985.4)	38	29	9	1	1	-	-	-	-	7	5	2
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	50	35	15	5	4	-	-	-	-	23	15	7
Injury resulting from operations of war (E990-E999)	1	-	1	-	-	-	-	-	-	1	1	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Washington			West Virginia			Wisconsin			Wyoming		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
All causes	37,087	35,190	875	19,385	18,585	785	42,733	41,076	1,383	3,203	3,118	18
I. Infectious and parasitic diseases (001-139)	772	696	36	276	265	11	593	553	35	33	31	-
Intestinal infectious diseases (001-009)	16	13	1	4	4	-	11	11	-	-	-	-
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	-	-	-	-	-	-	1	1	-	-	-	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	13	11	-	3	3	-	7	7	-	-	-	-
Ill-defined intestinal infections (009)	3	2	1	1	1	-	3	3	-	-	-	-
Tuberculosis (010-018)	12	9	-	11	11	-	12	10	2	1	1	-
Tuberculosis of respiratory system (010-012)	7	5	-	9	9	-	11	10	1	-	-	-
Other tuberculosis (013-018)	5	4	-	2	2	-	1	-	1	1	1	-
Zoonotic and other bacterial diseases (020-041)	254	236	5	161	155	6	309	299	9	19	18	-
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	1	1	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	4	3	-	-	-	-	-	-	-	-	-	-
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	235	219	5	151	145	6	301	291	9	16	15	-
All other bacterial diseases (020-022,024-031,039-041)	15	14	-	10	10	-	7	7	-	3	3	-
Viral diseases (*042-*044,045-079)	424	377	29	72	68	4	180	159	17	9	8	-
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	2	2	-	-	-	-	1	-	1	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	46	33	2	10	10	-	15	13	-	-	-	-
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	376	342	27	62	58	4	164	146	16	9	8	-
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	1	1	-	-	-	-	1	1	-	1	1	-
Syphilis (090-097)	1	1	-	-	-	-	1	1	-	1	1	-
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	1	1	-	-	-	-	1	1	-	-	-	-
All other syphilis (090-091,095-097)	-	-	-	-	-	-	-	-	-	1	1	-
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	65	60	1	28	27	1	80	73	7	3	3	-
Mycoses (110-118)	24	22	1	20	19	1	34	32	2	3	3	-
Helminthiases (120-129)	-	-	-	-	-	-	-	-	-	-	-	-
Late effects of tuberculosis (137)	7	6	-	1	1	-	6	5	1	-	-	-
Late effects of acute poliomyelitis (138)	3	2	-	2	2	-	8	8	-	-	-	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	31	30	-	5	5	-	32	28	4	-	-	-
II. Neoplasms (140-239)	9,091	8,687	188	4,485	4,309	171	10,461	10,076	331	744	733	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	9,004	8,603	188	4,408	4,236	167	10,295	9,916	325	731	720	3
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	137	132	1	66	61	5	141	139	1	11	11	-
Of lip (140)	-	-	-	1	1	-	1	1	-	-	-	-
Of tongue (141)	35	35	-	12	12	-	16	16	-	4	4	-
Of pharynx (146-149.0)	55	52	-	30	28	2	81	80	-	3	3	-
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	47	45	1	23	20	3	43	42	1	4	4	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	2,100	1,987	48	972	931	40	2,625	2,526	81	174	172	-
Of esophagus (150)	191	187	4	82	81	1	197	182	15	17	17	-
Of stomach (151)	240	211	11	93	86	7	274	259	13	17	17	-
Of small intestine, including duodenum (152)	23	23	-	6	5	1	26	25	-	1	1	-
Of colon (153)	739	712	14	406	390	16	1,095	1,064	27	59	58	-
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	4	4	-	-	-	-	7	7	-	1	1	-
Descending colon (153.2)	-	-	-	-	-	-	3	3	-	1	1	-
Sigmoid colon (153.3)	12	11	-	9	8	1	20	20	-	-	-	-
Cecum, appendix, and ascending colon (153.4-153.6)	22	22	-	12	11	1	39	38	1	2	2	-
Other and colon, unspecified (153.8-153.9)	701	675	14	385	371	14	1,026	996	26	55	54	-
Of rectum, rectosigmoid junction, and anus (154)	138	131	4	67	62	5	189	185	4	11	11	-
Of liver and intrahepatic bile ducts (155)	155	136	4	71	68	2	173	163	5	18	17	-
Liver, primary (155.0)	101	89	1	23	22	1	68	61	4	9	9	-
Intrahepatic bile ducts (155.1)	43	38	3	13	11	1	37	36	-	5	5	-
Liver, not specified as primary or secondary (155.2)	11	9	-	35	35	-	68	66	1	4	3	-
Of gallbladder and extrahepatic bile ducts (156)	53	51	-	43	43	-	107	102	4	3	3	-
Of pancreas (157)	496	474	10	184	176	8	523	506	13	43	43	-
Of retroperitoneum, peritoneum, and other and ill-defined *sites within the digestive organs and peritoneum (158-159)*	65	62	1	20	20	-	41	40	-	5	5	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	2,748	2,641	56	1,464	1,411	49	2,525	2,418	97	193	189	1
Of larynx (161)	43	42	1	30	30	-	72	69	3	2	2	-
Of trachea, bronchus, and lung (162)	2,652	2,548	54	1,430	1,377	49	2,431	2,327	94	190	186	1
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	53	51	1	4	4	-	22	22	-	1	1	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Washington			West Virginia			Wisconsin			Wyoming		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	1,005	966	20	424	409	15	1,183	1,151	29	91	91	-
Of bone and articular cartilage (170)	24	24	-	9	9	-	34	33	1	6	6	-
Of connective and other soft tissue (171)	67	61	4	29	25	4	61	57	4	6	6	-
Melanoma of skin (172)	131	130	-	52	52	-	116	116	-	9	9	-
Other malignant neoplasms of skin (173)	36	34	1	15	15	-	41	41	-	3	3	-
Of female breast (174)	745	715	15	316	305	11	924	898	23	66	66	-
Of male breast (175)	2	2	-	3	3	-	7	6	1	1	1	-
Malignant neoplasms of genital organs (179-187)	1,047	993	28	441	417	24	1,277	1,221	49	84	82	1
Of cervix uteri (180)	72	62	2	48	47	1	79	66	11	5	5	-
Of other parts of uterus (179,181-182)	106	104	1	43	40	3	126	116	9	6	6	-
Of ovary and other uterine adnexa (183)	264	256	2	86	84	2	283	279	3	19	18	-
Of other and unspecified female genital organs (184)	17	15	2	7	7	-	25	24	1	2	2	-
Of prostate (185)	574	543	20	253	235	18	758	730	25	52	51	1
Of testis (186)	8	7	1	2	2	-	4	4	-	-	-	-
Of penis and other male genital organs (187)	6	6	-	2	2	-	2	2	-	-	-	-
Malignant neoplasms of urinary organs (188-189)	353	344	5	164	160	4	449	438	9	24	24	-
Of bladder (188)	186	183	2	82	79	3	223	221	1	12	12	-
Of kidney and other and unspecified urinary organs (189)	167	161	3	82	81	1	226	217	8	12	12	-
Malignant neoplasms of other and unspecified sites (190-199)	717	684	11	491	477	14	1,025	988	30	86	85	-
Of eye (190)	5	4	1	4	4	-	5	5	-	-	-	-
Of brain (191)	276	268	3	80	80	-	237	231	6	13	13	-
Of other and unspecified parts of nervous system (192)	5	4	1	2	2	-	4	4	-	-	-	-
Of thyroid gland and other endocrine glands and related structures (193-194)	32	30	1	7	7	-	30	30	-	6	6	-
Of all other and unspecified sites (195-199)	399	378	5	398	384	14	749	718	24	67	66	-
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	897	856	19	386	370	16	1,070	1,035	29	68	66	1
Lymphosarcoma and reticulosarcoma (200)	81	78	2	13	12	1	53	52	1	2	2	-
Hodgkin's disease (201)	33	32	-	13	13	-	27	26	1	3	3	-
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	290	274	5	124	122	2	384	378	4	22	21	1
Multiple myeloma and immunoproliferative neoplasms (203)	174	168	1	78	71	7	191	180	10	16	16	-
Leukemia (204-208)	319	304	11	158	152	6	415	399	13	25	24	-
Lymphoid leukemia (204)	111	105	5	36	34	2	146	138	7	4	4	-
Myeloid leukemia (205)	167	161	4	79	77	2	136	131	3	11	10	-
Monocytic leukemia (206)	9	9	-	5	5	-	9	7	2	-	-	-
Other and unspecified leukemia (207-208)	32	29	2	38	36	2	124	123	1	10	10	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	87	84	-	77	73	4	166	160	6	13	13	-
Benign neoplasms (210-229)	33	31	-	10	9	1	29	28	1	3	3	-
Of female genital organs (218-221)	-	-	-	-	-	-	1	1	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225)	20	20	-	7	6	1	16	16	-	1	1	-
Of all other and unspecified sites (210-217,222-223,226-229)	13	11	-	3	3	-	12	11	1	2	2	-
Carcinoma in situ (230-234)	-	-	-	-	-	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	-	-	-	-	-	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	31	31	-	12	12	-	47	45	2	3	3	-
Neoplasms of unspecified nature (239)	23	22	-	55	52	3	90	87	3	7	7	-
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	1,033	952	40	644	612	32	1,372	1,304	51	86	82	1
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	979	903	38	618	588	30	1,306	1,240	49	82	78	1
Disorders of thyroid gland (240-246)	8	8	-	6	6	-	22	22	-	1	1	-
Diabetes mellitus (250)	769	704	33	487	463	24	1,069	1,011	42	66	62	1
Disorders of the pituitary gland and its hypothalamic control (253)	2	2	-	-	-	-	2	2	-	-	-	-
Diseases of thymus gland (254)	1	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	5	5	-	1	1	-	7	7	-	-	-	-
Cystic fibrosis (277.0)	10	9	-	5	5	-	7	7	-	1	1	-
Obesity (278.0)	18	18	-	7	7	-	26	25	1	2	2	-
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	166	157	5	112	106	6	173	166	6	12	12	-
Nutritional deficiencies (260-269)	54	49	2	26	24	2	66	64	2	4	4	-
Nutritional marasmus (261)	1	1	-	2	2	-	3	3	-	-	-	-
Other protein-calorie malnutrition (262-263)	48	43	2	23	21	2	58	56	2	4	4	-
All other nutritional deficiencies (260,264-269)	5	5	-	1	1	-	5	5	-	-	-	-
IV. Diseases of blood and blood-forming organs (280-289)	150	138	5	79	77	2	195	177	16	13	12	-
Anemias (280-285)	51	44	5	41	40	1	78	67	9	5	5	-
Deficiency anemias (280-281)	4	4	-	4	4	-	5	5	-	-	-	-
Hemolytic anemias (282-283)	13	7	5	2	2	-	16	8	8	1	1	-
Aplastic anemia (284)	19	18	-	11	11	-	26	26	-	3	3	-
Other and unspecified anemias (285)	15	15	-	24	23	1	31	28	1	1	1	-
Purpura and other hemorrhagic conditions (287)	12	12	-	7	7	-	13	11	2	2	2	-
All other diseases of blood and blood-forming organs (286,288-289)	87	82	-	31	30	1	104	99	5	6	5	-
V. Mental disorders (290-319)	681	653	11	235	227	8	698	674	21	55	53	-
Senile and presenile organic psychotic conditions (290)	419	411	4	59	56	3	290	287	2	20	20	-
Alcoholic psychoses (291)	13	12	-	1	1	-	15	13	2	-	-	-
All other psychoses (292-299)	34	32	1	42	40	2	162	160	2	16	16	-
Alcohol dependence syndrome (303)	89	80	2	28	27	1	69	60	9	9	8	-
Drug dependence (304)	2	2	-	-	-	-	1	1	-	-	-	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	119	111	4	102	100	2	156	148	6	10	9	-
Mental retardation (317-319)	5	5	-	3	3	-	5	5	-	-	-	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.
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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Washington			West Virginia			Wisconsin			Wyoming		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	990	957	16	283	275	8	1,025	997	22	75	74	1
Diseases of the nervous system (320-359)	986	953	16	281	273	8	1,021	994	21	75	74	1
Meningitis (320-322)	21	18	2	9	8	1	16	15	1	1	1	-
Parkinson's disease (332)	170	165	1	58	57	1	182	178	2	10	10	-
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	566	553	8	128	125	3	557	547	7	40	40	-
Multiple sclerosis (340)	50	50	-	15	15	-	57	54	3	11	11	-
Infantile cerebral palsy (343)	19	18	1	7	7	-	11	11	-	2	2	-
Epilepsy (345)	46	42	2	10	8	2	27	27	-	3	3	-
Other diseases of the nervous system (323-326,341-342,344,346-359)	114	107	2	54	53	1	171	162	8	8	7	1
Disorders of the eye and adnexa (360-379)	3	3	-	1	1	-	1	1	-	-	-	-
Diseases of the ear and mastoid process (380-389)	1	1	-	1	1	-	3	2	1	-	-	-
VII. Diseases of the circulatory system (390-459)	15,112	14,469	294	8,774	8,430	342	19,025	18,593	353	1,258	1,235	10
Rheumatic fever and rheumatic heart disease (390-398)	126	119	1	50	47	3	117	116	1	17	17	-
Acute rheumatic fever (390-392)	2	2	-	2	2	-	-	-	-	-	-	-
Chronic rheumatic heart disease (393-398)	124	117	1	48	45	3	117	116	1	17	17	-
Diseases of mitral valve (394)	39	35	-	21	20	1	45	45	-	10	10	-
Diseases of aortic valve (395)	4	4	-	1	1	-	5	5	-	1	1	-
Diseases of mitral and aortic valves (396)	28	28	-	11	10	1	30	29	1	2	2	-
All other chronic rheumatic heart disease (393,397-398)	53	50	1	15	14	1	37	37	-	4	4	-
Hypertensive disease (401-404)	502	468	24	273	254	19	504	474	25	33	32	1
Essential hypertension (401)	74	69	4	45	43	2	96	91	3	10	9	1
Hypertensive heart disease (402)	280	257	16	183	169	14	277	257	18	18	18	-
Hypertensive renal disease (403)	102	98	4	23	23	-	103	99	3	3	3	-
Hypertensive heart and renal disease (404)	46	44	-	22	19	3	28	27	1	2	2	-
Ischemic heart disease (410-414)	7,044	6,813	107	4,526	4,385	140	10,810	10,609	160	601	590	6
Acute myocardial infarction (410)	3,274	3,173	44	2,384	2,310	74	5,672	5,591	56	296	292	1
Other acute and subacute forms of ischemic heart disease (411)	19	19	-	12	11	1	23	22	-	1	1	-
Angina pectoris (413)	16	15	1	12	11	1	15	14	1	2	2	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	3,735	3,606	62	2,118	2,053	64	5,100	4,982	103	302	295	5
Diseases of pulmonary circulation (415-417)	178	167	7	103	93	10	310	304	5	33	31	1
Other forms of heart disease (420-429)	3,564	3,392	82	2,215	2,104	110	3,070	2,982	71	301	295	1
Acute and subacute endocarditis (421)	21	21	-	7	7	-	9	8	1	1	1	-
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	16	15	-	9	9	-	16	15	1	1	1	-
Other diseases of endocardium (424)	302	288	7	116	110	6	313	304	5	21	20	-
Mitral valve disorders (424.0)	33	33	-	21	21	-	47	45	1	3	3	-
Aortic valve disorders (424.1)	174	166	3	76	70	6	191	187	2	9	9	-
All other diseases of endocardium (424.2-424.9)	95	89	4	19	19	-	75	72	2	9	8	-
Heart failure (428)	666	647	8	476	457	19	910	884	20	86	85	-
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	8	7	1	7	6	1	14	13	1	2	2	-
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	2,551	2,414	66	1,600	1,515	84	1,808	1,758	43	190	186	1
Cerebrovascular diseases (430-438)	2,724	2,589	53	1,182	1,137	45	3,165	3,079	76	211	208	1
Subarachnoid hemorrhage (430)	141	131	3	46	46	-	132	129	3	9	9	-
Intracerebral and other intracranial hemorrhage (431-432)	339	315	6	167	164	3	369	344	22	26	26	-
Occlusion and stenosis of precerebral arteries (433)	23	22	-	10	10	-	27	26	1	4	4	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	227	218	5	144	136	8	351	336	13	13	13	-
Cerebral embolism (434.1)	15	14	-	3	3	-	12	12	-	2	2	-
Acute but ill-defined cerebrovascular disease (436)	1,711	1,635	34	671	642	29	1,840	1,806	29	137	135	1
Other and late effects of cerebrovascular diseases (435,437-438)	268	254	5	141	136	5	434	426	8	20	19	-
Diseases of arteries, arterioles, and capillaries (440-448)	914	887	17	387	373	14	939	924	10	58	58	-
Atherosclerosis (440)	440	435	4	155	148	7	382	378	2	25	25	-
Aortic aneurysm (441)	323	309	8	153	148	5	377	370	5	19	19	-
All other diseases of arteries, arterioles, and capillaries (442-448)	151	143	5	79	77	2	180	176	3	14	14	-
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	60	54	3	38	37	1	110	105	5	4	4	-
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	27	26	1	11	11	-	36	35	1	1	1	-
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	33	28	2	27	26	1	74	70	4	3	3	-
VIII. Diseases of the respiratory system (460-519)	3,758	3,634	61	1,963	1,885	76	3,831	3,722	93	359	351	-
Diseases of the upper respiratory tract (460-465,470-478)	6	6	-	3	3	-	15	15	-	-	-	-
Acute upper respiratory infections (460-465)	3	3	-	2	2	-	8	8	-	-	-	-
Other diseases of upper respiratory tract (470-478)	3	3	-	1	1	-	7	7	-	-	-	-
Other diseases of the respiratory system (466,480-519)	3,752	3,628	61	1,960	1,882	78	3,816	3,707	93	359	351	-
Acute bronchitis and bronchiolitis (466)	6	6	-	6	6	-	20	18	2	1	1	-
Pneumonia (480-486)	1,345	1,305	20	696	670	26	1,660	1,617	38	118	113	-
Viral pneumonia (480)	16	15	1	2	2	-	19	17	-	1	1	-
Pneumococcal and other bacterial pneumonia (481-482)	80	77	1	44	43	1	76	71	5	8	6	-
Bronchopneumonia, organism unspecified (485)	53	51	-	33	30	3	155	151	4	9	9	-
Pneumonia due to other and unspecified organism (483,486)	1,196	1,162	18	617	595	22	1,410	1,378	29	100	97	-
Influenza (487)	61	61	-	16	16	-	70	69	-	8	8	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	1,942	1,878	34	912	878	34	1,606	1,564	34	200	198	-
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	535	514	13	242	236	6	473	455	15	40	40	-
Bronchitis, not specified as acute or chronic (490)	13	13	-	7	7	-	11	10	-	2	2	-
Chronic bronchitis (491)	54	52	2	52	51	1	55	54	1	4	4	-
Emphysema (492)	349	342	4	148	143	5	299	296	1	26	26	-
Asthma (493)	119	107	7	35	35	-	108	95	13	8	8	-
Bronchiectasis and extrinsic allergic alveolitis (494-495)	26	24	-	5	5	-	23	23	-	-	-	-
Chronic airways obstruction, not elsewhere classified (496)	1,381	1,340	21	665	637	28	1,110	1,086	19	160	158	-
Pneumoconioses and other lung diseases due to external agents (500-508)	165	158	1	194	180	14	185	172	12	9	9	-
Empyema and abscess of lung and mediastinum (510,513)	7	7	-	1	1	-	9	9	-	-	-	-
Pleurisy (511)	11	11	-	16	16	-	16	16	-	1	1	-
All other diseases of respiratory system (512,514-519)	215	202	6	119	115	4	250	242	7	22	21	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

(Page 64 of 65)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Washington			West Virginia			Wisconsin			Wyoming		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
IX. Diseases of the digestive system (520-579)	1,298	1,208	28	631	595	36	1,387	1,304	65	126	118	-
Diseases of oral cavity, salivary glands, and jaws (520-529)	2	2	-	-	-	-	2	2	-	-	-	-
Diseases of other parts of the digestive system (530-579)	1,296	1,206	28	631	595	36	1,385	1,302	65	126	118	-
Ulcer of stomach and duodenum (531-533)	119	116	2	47	46	1	120	118	2	12	12	-
Gastric ulcer (531)	39	38	-	20	19	1	39	37	2	3	3	-
Duodenal ulcer (532)	32	32	-	12	12	-	35	35	-	1	1	-
Peptic ulcer, site unspecified (533)	48	46	2	15	15	-	46	46	-	8	8	-
Gastritis and duodenitis (535)	15	15	-	3	3	-	11	11	-	1	1	-
Appendicitis (540-543)	7	7	-	6	6	-	11	10	1	-	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	100	99	1	52	45	7	115	108	5	6	6	-
Regional enteritis and idiopathic proctocolitis (555-556)	13	13	-	6	6	-	15	15	-	-	-	-
All other noninfective gastroenteritis and colitis (557-558)	180	169	5	86	83	3	168	163	4	14	13	-
Diverticula of intestine (562)	56	49	4	20	20	-	52	51	-	5	5	-
Chronic liver disease and cirrhosis (571)	416	369	10	180	168	12	395	364	23	39	34	-
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	209	182	5	73	65	8	197	173	17	25	20	-
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	16	15	-	8	8	-	19	17	1	1	1	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	191	172	5	99	95	4	179	174	5	13	13	-
Cholelithiasis and other disorders of gallbladder (574-575)	41	39	-	19	18	1	66	62	2	4	4	-
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	349	330	6	212	200	12	432	400	28	45	43	-
X. Diseases of the genitourinary system (580-629)	402	382	8	374	348	25	743	695	41	40	38	-
Diseases of urinary system (580-599)	379	359	8	363	338	24	725	677	41	40	38	-
Nephritis, nephrotic syndrome, and nephrosis (580-589)	175	163	6	196	183	12	404	373	24	26	24	-
Acute glomerulonephritis (580)	1	1	-	-	-	-	1	1	-	-	-	-
Nephrotic syndrome (581)	3	2	1	2	2	-	1	1	-	-	-	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	29	26	1	9	8	1	28	22	4	2	2	-
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	142	134	4	185	173	11	374	349	20	24	22	-
Infections of kidney (590)	24	23	-	4	4	-	19	17	2	3	3	-
Urinary calculus (592,594)	7	7	-	3	3	-	9	8	1	1	1	-
All other diseases of urinary system (591,593,595-599)	173	166	2	160	148	12	293	279	14	10	10	-
Diseases of male genital organs (600-608)	17	17	-	8	7	1	15	15	-	-	-	-
Hyperplasia of prostate (600)	11	11	-	4	3	1	10	10	-	-	-	-
Other diseases of male genital organs (601-608)	6	6	-	4	4	-	5	5	-	-	-	-
Disorders of breast (610-611)	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	6	6	-	3	3	-	3	3	-	-	-	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	4	4	-	2	2	-	4	2	2	-	-	-
Pregnancy with abortive outcome (630-638)	3	3	-	-	-	-	-	-	-	-	-	-
Ectopic pregnancy (633)	2	2	-	-	-	-	-	-	-	-	-	-
Spontaneous abortion (634)	1	1	-	-	-	-	-	-	-	-	-	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	-	-	-	-	-	-	-	-	-
Direct obstetric causes (640-646,651-676)	1	1	-	2	2	-	4	2	2	-	-	-
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	1	1	-	-	-	-	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	1	1	-	2	1	1	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	-	-	-	2	1	1	-	-	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	1	1	-	-	-	-	-	-	-	-	-	-
Indirect obstetric causes (647-648)	-	-	-	-	-	-	-	-	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	31	27	-	25	25	-	57	55	2	-	-	-
Infections of skin and subcutaneous tissue (680-686)	6	5	-	7	7	-	16	16	-	-	-	-
All other diseases of skin and subcutaneous tissue (690-709)	25	22	-	18	18	-	41	39	2	-	-	-
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	134	125	3	57	54	3	144	137	6	20	17	2
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	47	47	-	16	16	-	34	34	-	6	5	-
Other arthropathies and related disorders (710-712,715-719)	52	44	2	28	25	3	67	62	5	8	6	2
Dorsopathies (720-724)	3	3	-	1	1	-	2	2	-	2	2	-
Rheumatism, excluding the back (725-729)	3	2	1	-	-	-	12	12	-	-	-	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	29	29	-	12	12	-	29	27	1	4	4	-
XIV. Congenital anomalies (740-759)	247	228	10	107	100	7	241	217	19	26	26	-
Spina bifida (741)	2	2	-	2	2	-	3	3	-	1	1	-
All other congenital anomalies of nervous system (740,742)	32	29	1	15	14	1	28	25	2	1	1	-
Congenital anomalies of heart (745-746)	90	79	5	39	36	3	81	75	5	10	10	-
Other congenital anomalies of circulatory system (747)	23	23	-	10	9	1	21	19	1	4	4	-
All other congenital anomalies (743-744,748-759)	100	95	4	41	39	2	108	95	11	10	10	-

Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1990-Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Washington			West Virginia			Wisconsin			Wyoming		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	194	148	29	83	73	10	226	163	61	15	14	-
Birth trauma (767)	1	-	1	-	-	-	6	6	-	-	-	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	36	29	3	20	17	3	46	38	7	1	1	-
Other conditions originating in the perinatal period (760-766,770-779)	157	119	25	63	56	7	174	119	54	14	13	-
XVI. Symptoms, signs, and ill-defined conditions (780-799)	357	313	21	170	160	10	198	144	49	43	39	-
Senility without mention of psychosis (797)	23	23	-	18	16	2	1	1	-	6	6	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	334	290	21	152	144	8	197	143	49	37	33	-
Supplementary classification of external causes of injury and poisoning (E800-E999)	2,833	2,549	125	1,197	1,148	42	2,533	2,263	216	310	295	1
Accidents and adverse effects (E800-E949)	1,788	1,629	56	844	815	24	1,652	1,535	82	203	193	1
Transport accidents (E800-E848)	1,016	904	37	490	477	9	851	808	22	107	101	-
Railway accidents (E800-E807)	13	10	1	4	3	1	4	4	-	-	-	-
Motor vehicle accidents (E810-E825)	912	810	35	472	460	8	808	772	22	99	93	-
Motor vehicle traffic accidents (E810-E819)	881	781	34	458	446	8	774	741	20	93	87	-
Involving collision with train (E810)	5	5	-	3	3	-	4	4	-	-	-	-
Involving collision with another motor vehicle (E811-E812)	345	322	7	128	127	1	383	371	10	26	26	-
Involving collision with pedestrian (E814)	97	77	6	33	31	2	75	70	5	9	5	-
Involving collision with other vehicle or object (E813,E815)	176	156	8	36	34	-	90	87	2	7	7	-
Not involving collision on highway (E816-E818)	246	209	13	81	79	1	152	143	3	48	46	-
Motor vehicle traffic accident of unspecified nature (E819)	12	12	-	177	172	4	70	66	-	3	3	-
Motor vehicle nontraffic accidents (E820-E825)	31	29	1	14	14	-	34	31	2	6	6	-
Other road vehicle accidents (E826-E829)	5	4	-	2	2	-	2	2	-	5	5	-
Water transport accidents (E830-E838)	60	55	1	2	2	-	17	17	-	1	1	-
Air and space transport accidents (E840-E845)	25	24	-	7	7	-	17	10	-	1	1	-
Vehicle accidents not elsewhere classifiable (E846-E848)	1	1	-	3	3	-	3	3	-	1	1	-
Accidental poisoning (E850-E869)	112	104	6	29	29	-	77	63	11	13	12	1
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	103	95	6	18	18	-	52	39	11	6	6	-
Accidental poisoning by other solid or liquid substances (E860-E866)	3	3	-	2	2	-	7	6	-	3	3	-
Accidental poisoning by gases and vapors (E867-E869)	6	6	-	9	9	-	18	18	-	4	3	1
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	28	25	-	20	20	-	68	65	3	7	7	-
Accidental falls (E880-E888)	265	257	2	94	90	4	308	299	8	22	22	-
Fall from one level to another (E880-E884)	80	77	1	26	26	-	96	90	5	6	6	-
Fall on same level (E885-E886)	13	13	-	3	3	-	25	25	-	1	1	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	172	167	1	65	61	4	187	184	3	15	15	-
Accidents caused by fire and flames (E890-E899)	62	58	3	39	36	3	81	53	25	6	5	-
Other accidents, including late effects (E900-E929)	302	278	8	171	162	8	263	243	13	47	45	-
Lightning (E907)	-	-	-	-	-	-	1	1	-	-	-	-
Accidental drowning and submersion (E910)	92	82	3	37	35	2	61	55	5	8	8	-
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	35	32	1	33	30	3	40	36	3	9	8	-
Accident caused by handgun (E922.0)	2	2	-	3	2	1	3	2	-	2	2	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	9	8	-	10	10	-	15	14	1	2	2	-
Accident caused by explosive material (E923)	-	-	-	3	3	-	3	3	-	-	-	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	3	3	-	2	1	1	1	1	-	-	-	-
Accident caused by electric current (E925)	8	7	-	7	7	-	6	6	-	1	1	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	153	144	4	76	74	1	133	125	4	25	24	-
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	3	3	-	1	1	-	4	4	-	1	1	-
Suicide (E950-E959)	677	646	9	219	213	5	620	594	17	81	76	-
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	81	79	-	17	17	-	52	51	-	1	1	-
Suicide by other solid or liquid substances (E950.6-E950.9)	9	9	-	1	-	-	4	4	-	1	1	-
Suicide by gases and vapors (E951-E952)	73	73	-	12	12	-	73	71	1	5	5	-
Suicide by hanging, strangulation, and suffocation (E953)	81	74	3	20	19	1	109	100	6	6	1	-
Suicide by handgun (E955.0)	157	148	1	7	7	-	123	115	8	16	16	-
Suicide by all other and unspecified firearms (E955.1-E955.4)	218	211	3	155	151	4	224	220	2	51	51	-
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	58	52	2	7	7	-	35	33	-	1	1	-
Homicide and legal intervention (E960-E978)	251	178	47	114	100	13	232	113	111	22	22	-
Assault by handgun (E965.0)	6	6	-	4	4	-	19	13	5	4	4	-
Assault by all other and unspecified firearms (E965.1-E965.4)	133	87	31	70	61	8	125	46	77	15	15	-
Assault by cutting and piercing instrument (E966)	49	31	11	19	15	4	34	14	18	1	1	-
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	58	50	4	18	17	1	49	36	10	2	2	-
Legal execution (E978)	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	5	4	1	3	3	-	5	4	1	-	-	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	117	96	13	20	20	-	29	21	6	4	4	-
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	58	49	6	6	6	-	10	7	1	3	3	-
From poisoning by other solid or liquid substances (E980.6-E980.9)	1	-	-	-	-	-	-	-	-	-	-	-
From injury by handgun (E985.0)	-	-	-	-	-	-	1	-	1	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	7	6	-	5	5	-	2	1	1	-	-	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	51	41	7	9	9	-	16	13	3	1	1	-
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	-	-	-	-	-	-

[1] Includes races other than white and black.

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990

(Page 1 of 12)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	All races [1]			White			Black			American Indian [2]		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All causes	2,148,463	1,113,417	1,035,046	1,853,254	950,812	902,442	265,498	145,359	120,139	8,316	4,877	3,439
I. Infectious and parasitic diseases (001-139)	55,612	37,322	18,290	41,036	27,579	13,457	13,734	9,176	4,558	191	121	70
Intestinal infectious diseases (001-009)	520	240	280	413	182	231	93	50	43	9	4	5
Cholera and typhoid and paratyphoid fevers (001-002)	4	4	-	4	4	-	-	-	-	-	-	-
Shigellosis (004)	10	3	7	6	3	3	2	-	2	1	-	1
Other salmonella infections and other food poisoning (bacterial) (003,005)	86	51	35	56	32	24	24	16	8	5	2	3
Amebiasis (006)	5	2	3	5	2	3	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	235	99	136	216	88	128	17	10	7	1	-	1
Ill-defined intestinal infections (009)	180	81	99	126	53	73	50	24	26	2	2	-
Tuberculosis (010-018)	1,810	1,147	663	1,033	630	403	668	446	222	25	14	11
Tuberculosis of respiratory system (010-012)	1,378	907	471	812	518	294	491	341	150	16	9	7
Other tuberculosis (013-018)	432	240	192	221	112	109	177	105	72	9	5	4
Zoonotic and other bacterial diseases (020-041)	20,425	9,251	11,174	16,480	7,354	9,126	3,668	1,746	1,922	95	56	39
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	1	1	-	-	-	-	1	1	-	-	-	-
Whooping cough (033)	12	4	8	9	3	6	3	1	2	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	14	6	8	12	4	8	2	2	-	-	-	-
Meningococcal infection (036)	215	113	102	166	80	86	43	28	15	2	2	-
Tetanus (037)	11	6	5	8	4	4	3	2	1	-	-	-
Septicemia (038)	19,169	8,542	10,627	15,456	6,786	8,670	3,465	1,624	1,841	88	50	38
All other bacterial diseases (020-022,024-031,039-041)	1,003	579	424	829	477	352	151	88	63	5	4	1
Viral diseases (*042-*044,045-079)	28,486	24,202	4,284	19,972	17,599	2,373	8,155	6,321	1,834	52	40	12
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	64	34	30	43	23	20	10	5	5	1	-	1
Rubella (056)	8	2	6	6	2	4	1	-	1	-	-	-
Arthropod-borne encephalitis (062-064)	15	8	7	9	5	4	6	3	3	-	-	-
Viral hepatitis (070)	1,578	927	651	1,265	755	510	212	105	107	10	5	5
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	26,821	23,231	3,590	18,649	16,814	1,835	7,926	6,208	1,718	41	35	6
Rickettsioses and other arthropod-borne diseases (080-088)	30	17	13	22	11	11	7	5	2	1	1	-
Typhus and other rickettsioses (080-083)	21	15	6	16	10	6	4	4	-	1	1	-
Malaria (084)	3	-	3	1	-	1	2	-	2	-	-	-
All other arthropod-borne diseases (085-088)	6	2	4	5	1	4	1	1	-	-	-	-
Syphilis and other venereal diseases (090-099)	112	66	46	46	24	22	65	41	24	-	-	-
Syphilis (090-097)	106	63	43	41	21	20	64	41	23	-	-	-
Cardiovascular syphilis (093)	12	9	3	4	2	2	8	7	1	-	-	-
Neurosyphilis (094)	47	25	22	23	12	11	23	12	11	-	-	-
All other syphilis (090-091,095-097)	47	29	18	14	7	7	33	22	11	-	-	-
Gonococcal infections (098)	3	2	1	3	2	1	-	-	-	-	-	-
Other venereal diseases (099)	3	1	2	2	1	1	1	-	1	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	4,229	2,399	1,830	3,070	1,779	1,291	1,078	567	511	9	6	3
Mycoses (110-118)	2,222	1,271	951	1,731	1,002	729	439	235	204	4	3	1
Helminthiases (120-129)	41	31	10	39	30	9	1	-	1	-	-	-
Late effects of tuberculosis (137)	214	107	107	173	80	93	33	21	12	3	2	1
Late effects of acute poliomyelitis (138)	160	82	78	150	77	73	9	4	5	-	-	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	1,592	908	684	977	590	387	596	307	289	2	1	1
II. Neoplasms (140-239)	512,074	271,295	240,779	447,493	235,266	212,227	57,824	32,311	25,513	1,286	633	653
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	505,322	268,283	237,039	441,585	232,608	208,977	57,077	31,995	25,082	1,275	629	646
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	8,405	5,636	2,769	6,918	4,515	2,403	1,311	1,000	311	23	17	6
Of lip (140)	85	60	25	84	59	25	1	1	-	-	-	-
Of tongue (141)	1,880	1,251	629	1,570	1,015	555	287	222	65	4	3	1
Of pharynx (146-149.0)	4,008	2,845	1,163	3,166	2,191	975	709	559	150	17	12	5
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	2,432	1,480	952	2,098	1,250	848	314	218	96	2	2	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	120,765	63,920	56,845	103,530	54,515	49,015	14,933	8,001	6,932	330	167	163
Of esophagus (150)	9,719	7,213	2,506	7,599	5,661	1,938	1,974	1,433	541	19	14	5
Of stomach (151)	14,073	8,336	5,737	11,309	6,690	4,619	2,258	1,341	917	67	40	27
Of small intestine, including duodenum (152)	948	492	456	799	411	388	135	73	62	1	1	-
Of colon (153)	48,705	23,923	24,782	42,896	21,165	21,731	5,261	2,468	2,793	90	38	52
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	254	114	140	214	98	116	36	16	20	-	-	-
Descending colon (153.2)	231	116	115	189	100	89	35	11	24	-	-	-
Sigmoid colon (153.3)	1,071	551	520	962	499	463	89	39	50	1	-	1
Cecum, appendix, and ascending colon (153.4-153.6)	1,774	772	1,002	1,563	683	880	181	75	106	5	1	4
Other and colon, unspecified (153.8-153.9)	45,375	22,370	23,005	39,968	19,785	20,183	4,920	2,327	2,593	84	37	47
Of rectum, rectosigmoid junction, and anus (154)	7,820	4,250	3,570	6,962	3,778	3,184	737	395	342	24	14	10
Of liver and intrahepatic bile ducts (155)	8,511	5,161	3,350	6,899	4,124	2,775	1,091	653	438	40	25	15
Liver, primary (155.0)	4,128	2,814	1,314	3,246	2,176	1,070	538	370	168	9	9	-
Intrahepatic bile ducts (155.1)	1,338	682	656	1,178	598	580	108	47	61	8	4	4
Liver, not specified as primary or secondary (155.2)	3,045	1,665	1,380	2,475	1,350	1,125	445	236	209	23	12	11
Of gallbladder and extrahepatic bile ducts (156)	3,857	1,396	2,461	3,486	1,256	2,230	281	104	177	28	10	18
Of pancreas (157)	25,082	12,199	12,883	21,728	10,582	11,146	3,023	1,442	1,581	52	21	31
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	2,050	950	1,100	1,852	848	1,004	173	92	81	9	4	5
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	146,386	94,950	51,436	128,927	82,714	46,213	15,913	11,219	4,694	334	216	118
Of larynx (161)	3,710	2,977	733	3,046	2,448	598	631	499	132	9	8	1
Of trachea, bronchus, and lung (162)	141,285	91,091	50,194	124,650	79,488	45,162	15,144	10,632	4,512	322	205	117
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	1,391	882	509	1,231	778	453	138	88	50	3	3	-

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.

(Page 2 of 12)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Chinese			Japanese			Hawaiian			Filipino			Other Asian or Pacific Islander		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All causes	5,430	3,096	2,334	4,096	2,081	2,015	1,256	729	527	4,126	2,711	1,415	6,219	3,594	2,625
I. Infectious and parasitic diseases (001-139)	176	129	47	90	51	39	25	18	7	137	101	36	212	140	72
Intestinal infectious diseases (001-009)	–	–	–	–	–	–	–	–	–	2	2	–	2	1	1
Cholera and typhoid and paratyphoid fevers (001-002)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigellosis (004)	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Other salmonella infections and other food poisoning (bacterial) (003,005)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Amebiasis (006)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intestinal infections due to other specified organisms (007-008)	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–
Ill-defined intestinal infections (009)	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–
Tuberculosis (010-018)	28	20	8	10	6	4	1	1	–	16	11	5	27	19	8
Tuberculosis of respiratory system (010-012)	23	17	6	8	4	4	1	1	–	8	3	5	19	14	5
Other tuberculosis (013-018)	5	3	2	2	2	–	–	–	–	8	8	–	8	5	3
Zoonotic and other bacterial diseases (020-041)	48	24	24	38	16	22	10	5	5	31	23	8	51	24	27
Brucellosis (023)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diphtheria (032)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	–	–	1	1	–	3	2	1
Tetanus (037)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Septicemia (038)	45	22	23	32	14	18	10	5	5	27	19	8	42	19	23
All other bacterial diseases (020-022,024-031,039-041)	3	2	1	6	2	4	–	–	–	3	3	–	6	3	3
Viral diseases (*042-*044,045-079)	78	70	8	30	20	10	12	11	1	71	55	16	113	84	29
Acute poliomyelitis (045)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Smallpox (050)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles (055)	–	–	–	–	–	–	–	–	–	–	–	–	10	6	4
Rubella (056)	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Arthropod-borne encephalitis (062-064)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Viral hepatitis (070)	22	19	3	11	4	7	–	–	–	13	9	4	44	29	15
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	56	51	5	19	16	3	12	11	1	58	46	12	58	49	9
Rickettsioses and other arthropod-borne diseases (080-088)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typhus and other rickettsioses (080-083)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Malaria (084)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other arthropod-borne diseases (085-088)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis and other venereal diseases (090-099)	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis (090-097)	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Cardiovascular syphilis (093)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Neurosyphilis (094)	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
All other syphilis (090-091,095-097)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gonococcal infections (098)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other venereal diseases (099)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	21	14	7	12	9	3	2	1	1	17	10	7	19	12	7
Mycoses (110-118)	11	7	4	9	7	2	2	1	1	13	8	5	12	7	5
Helminthiases (120-129)	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–
Late effects of tuberculosis (137)	2	2	–	–	–	–	–	–	–	–	–	–	3	2	1
Late effects of acute poliomyelitis (138)	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	8	5	3	2	1	1	–	–	–	4	2	2	3	2	1
II. Neoplasms (140-239)	1,550	892	658	1,132	607	525	309	180	129	1,002	598	404	1,415	777	638
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1,527	886	641	1,122	600	522	305	179	126	983	592	391	1,386	764	622
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	60	42	18	23	14	9	6	4	2	24	17	7	39	27	12
Of lip (140)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Of tongue (141)	2	2	–	5	3	2	1	1	–	5	1	4	6	4	2
Of pharynx (146-149.0)	53	37	16	13	9	4	3	1	2	17	15	2	29	21	8
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	5	3	2	5	2	3	2	2	–	2	1	1	4	2	2
Malignant neoplasms of digestive organs and peritoneum (150-159)	569	371	198	478	275	203	74	52	22	262	177	85	568	352	216
Of esophagus (150)	45	41	4	32	27	5	7	7	–	18	12	6	22	15	7
Of stomach (151)	117	75	42	132	70	62	16	9	7	38	23	15	133	86	47
Of small intestine, including duodenum (152)	4	3	1	2	–	2	–	–	–	1	1	–	6	3	3
Of colon (153)	140	73	67	139	80	59	12	9	3	79	47	32	84	41	43
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	1	–	1	2	–	2	–	–	–	–	–	–	1	–	1
Descending colon (153.2)	4	3	1	2	1	1	–	–	–	–	–	–	1	1	–
Sigmoid colon (153.3)	7	5	2	4	4	–	–	–	–	6	4	2	2	–	2
Cecum, appendix, and ascending colon (153.4-153.6)	14	8	6	5	2	3	–	–	–	2	1	1	3	1	2
Other and colon, unspecified (153.8-153.9)	114	57	57	126	73	53	12	9	3	71	42	29	77	39	38
Of rectum, rectosigmoid junction, and anus (154)	23	14	9	28	21	7	6	4	2	18	13	5	20	10	10
Of liver and intrahepatic bile ducts (155)	151	122	29	53	27	26	12	9	3	60	51	9	201	149	52
Liver, primary (155.0)	110	93	17	36	18	18	9	7	2	42	37	5	136	104	32
Intrahepatic bile ducts (155.1)	9	8	1	7	4	3	1	–	1	5	5	–	21	16	5
Liver, not specified as primary or secondary (155.2)	32	21	11	10	5	5	2	2	–	13	9	4	44	29	15
Of gallbladder and extrahepatic bile ducts (156)	17	9	8	13	7	6	4	3	1	7	4	3	20	3	17
Of pancreas (157)	65	32	33	77	42	35	15	10	5	39	24	15	79	45	34
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	7	2	5	2	1	1	2	1	1	2	2	–	3	–	3
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	394	247	147	231	155	76	102	63	39	221	162	59	248	164	84
Of larynx (161)	6	6	–	5	4	1	5	5	–	1	1	–	7	6	1
Of trachea, bronchus, and lung (162)	383	238	145	223	148	75	96	58	38	216	158	58	236	154	82
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	5	3	2	3	3	–	1	–	1	4	3	1	5	4	1

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.

(Page 3 of 12)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	All races [1]			White			Black			American Indian [2]		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	56,503	7,779	48,724	50,394	7,204	43,190	5,544	506	5,038	122	18	104
Of bone and articular cartilage (170)	1,086	587	499	933	494	439	130	77	53	3	2	1
Of connective and other soft tissue (171)	3,164	1,520	1,644	2,730	1,325	1,405	381	168	213	12	5	7
Melanoma of skin (172)	6,420	3,844	2,576	6,290	3,778	2,512	106	51	55	9	5	4
Other malignant neoplasms of skin (173)	2,170	1,556	614	1,928	1,380	548	224	166	58	8	5	3
Of female breast (174)	43,391	. . .	43,391	38,286	. . .	38,286	4,659	. . .	4,659	89	. . .	89
Of male breast (175)	272	272	. . .	227	227	. . .	44	44	. . .	1	1	. . .
Malignant neoplasms of genital organs (179-187)	57,487	32,929	24,558	48,635	27,412	21,223	8,195	5,226	2,969	160	64	96
Of cervix uteri (180)	4,627	. . .	4,627	3,511	. . .	3,511	972	. . .	972	47	. . .	47
Of other parts of uterus (179,181-182)	6,052	. . .	6,052	5,083	. . .	5,083	899	. . .	899	12	. . .	12
Of ovary and other uterine adnexa (183)	12,762	. . .	12,762	11,646	. . .	11,646	975	. . .	975	34	. . .	34
Of other and unspecified female genital organs (184)	1,117	. . .	1,117	983	. . .	983	123	. . .	123	3	. . .	3
Of prostate (185)	32,378	32,378	. . .	26,917	26,917	. . .	5,181	5,181	. . .	59	59	. . .
Of testis (186)	342	342	. . .	322	322	. . .	15	15	. . .	1	1	. . .
Of penis and other male genital organs (187)	209	209	. . .	173	173	. . .	30	30	. . .	4	4	. . .
Malignant neoplasms of urinary organs (188-189)	20,654	13,181	7,473	18,694	12,047	6,647	1,792	1,029	763	48	24	24
Of bladder (188)	10,341	6,910	3,431	9,430	6,403	3,027	847	466	381	9	4	5
Of kidney and other and unspecified urinary organs (189)	10,313	6,271	4,042	9,264	5,644	3,620	945	563	382	39	20	19
Malignant neoplasms of other and unspecified sites (190-199)	47,381	24,384	22,997	41,732	21,389	20,343	5,025	2,668	2,357	117	56	61
Of eye (190)	255	139	116	241	132	109	11	5	6	-	-	-
Of brain (191)	11,355	6,192	5,163	10,581	5,769	4,812	655	352	303	21	11	10
Of other and unspecified parts of nervous system (192)	275	147	128	233	121	112	36	20	16	-	-	-
Of thyroid gland and other endocrine glands and related structures (193-194)	1,709	721	988	1,502	641	861	173	67	106	3	1	2
Of all other and unspecified sites (195-199)	33,787	17,185	16,602	29,175	14,726	14,449	4,150	2,224	1,926	93	44	49
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	47,741	25,504	22,237	42,755	22,812	19,943	4,364	2,346	2,018	141	67	74
Lymphosarcoma and reticulosarcoma (200)	1,871	1,049	822	1,728	963	765	116	65	51	3	2	1
Hodgkin's disease (201)	1,632	956	676	1,471	853	618	148	96	52	1	1	-
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	16,730	8,746	7,984	15,457	8,042	7,415	1,056	586	470	46	23	23
Multiple myeloma and immunoproliferative neoplasms (203)	8,934	4,561	4,373	7,377	3,765	3,612	1,453	745	708	39	13	26
Leukemia (204-208)	18,574	10,192	8,382	16,722	9,189	7,533	1,591	854	737	52	28	24
Lymphoid leukemia (204)	5,508	3,160	2,348	4,914	2,818	2,096	542	315	227	11	5	6
Myeloid leukemia (205)	7,700	4,198	3,502	6,945	3,788	3,157	620	327	293	30	20	10
Monocytic leukemia (206)	269	137	132	249	128	121	20	9	11	-	-	-
Other and unspecified leukemia (207-208)	5,097	2,697	2,400	4,614	2,455	2,159	409	203	206	11	3	8
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6,752	3,012	3,740	5,908	2,658	3,250	747	316	431	11	4	7
Benign neoplasms (210-229)	1,477	540	937	1,232	450	782	216	79	137	3	2	1
Of female genital organs (218-221)	37	. . .	37	28	. . .	28	8	. . .	8	-	. . .	-
Of eye, brain, and other parts of nervous system (224-225)	896	287	609	757	245	512	127	38	89	1	1	-
Of all other and unspecified sites (210-217,222-223,226-229)	544	253	291	447	205	242	81	41	40	2	1	1
Carcinoma in situ (230-234)	11	1	10	10	1	9	1	-	1	-	-	-
Of breast and genitourinary system (233)	7	-	7	6	-	6	1	-	1	-	-	-
Of all other and unspecified sites (230-232,234)	4	1	3	4	1	3	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	1,580	741	839	1,411	664	747	154	70	84	1	-	1
Neoplasms of unspecified nature (239)	3,684	1,730	1,954	3,255	1,543	1,712	376	167	209	7	2	5
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	63,576	27,120	36,456	51,912	22,415	29,497	10,618	4,204	6,414	419	188	231
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	60,559	26,012	34,547	49,366	21,512	27,854	10,185	4,015	6,170	405	182	223
Disorders of thyroid gland (240-246)	953	241	712	819	198	621	125	39	86	4	3	1
Diabetes mellitus (250)	47,664	20,266	27,398	38,696	16,817	21,879	8,114	3,049	5,065	350	152	198
Disorders of the pituitary gland and its hypothalamic control (253)	202	89	113	168	71	97	30	16	14	2	-	2
Diseases of thymus gland (254)	7	4	3	4	2	2	1	1	-	1	-	1
Disorders of adrenal glands (255)	220	92	128	188	75	113	26	13	13	2	1	1
Cystic fibrosis (277.0)	414	189	225	397	182	215	13	6	7	3	1	2
Obesity (278.0)	1,285	552	733	985	455	530	291	93	198	4	1	3
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	9,814	4,579	5,235	8,109	3,712	4,397	1,585	798	787	39	24	15
Nutritional deficiencies (260-269)	3,017	1,108	1,909	2,546	903	1,643	433	189	244	14	6	8
Nutritional marasmus (261)	251	107	144	205	85	120	44	22	22	1	-	1
Other protein-calorie malnutrition (262-263)	2,545	918	1,627	2,150	751	1,399	361	152	209	12	6	6
All other nutritional deficiencies (260,264-269)	221	83	138	191	67	124	28	15	13	1	-	1
IV. Diseases of blood and blood-forming organs (280-289)	9,027	4,454	4,573	7,433	3,606	3,827	1,454	767	687	23	9	14
Anemias (280-285)	4,092	1,770	2,322	3,136	1,274	1,862	887	460	427	14	6	8
Deficiency anemias (280-281)	277	102	175	236	81	155	39	20	19	1	-	1
Hemolytic anemias (282-283)	817	388	429	337	133	204	463	246	217	2	-	2
Aplastic anemia (284)	1,294	607	687	1,144	521	623	118	71	47	5	3	2
Other and unspecified anemias (285)	1,704	673	1,031	1,419	539	880	267	123	144	6	3	3
Purpura and other hemorrhagic conditions (287)	776	377	399	668	325	343	96	44	52	1	-	1
All other diseases of blood and blood-forming organs (286,288-289)	4,159	2,307	1,852	3,629	2,007	1,622	471	263	208	8	3	5
V. Mental disorders (290-319)	25,856	12,245	13,611	21,970	9,787	12,183	3,559	2,258	1,301	205	131	74
Senile and presenile organic psychotic conditions (290)	8,902	3,028	5,874	8,239	2,755	5,484	596	239	357	15	8	7
Alcoholic psychoses (291)	433	359	74	312	264	48	112	89	23	9	6	3
All other psychoses (292-299)	3,992	1,457	2,535	3,587	1,280	2,307	370	161	209	15	7	8
Alcohol dependence syndrome (303)	5,223	4,082	1,141	3,606	2,845	761	1,476	1,142	334	120	78	42
Drug dependence (304)	351	270	81	257	204	53	90	63	27	2	1	1
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	6,575	2,832	3,743	5,643	2,252	3,391	864	535	329	43	31	12
Mental retardation (317-319)	380	217	163	326	187	139	51	29	22	1	-	1

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.
(Page 4 of 12)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Chinese			Japanese			Hawaiian			Filipino			Other Asian or Pacific Islander		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Malignant neoplasms, etc.-Con.															
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	109	17	92	95	5	90	23	1	22	109	12	97	104	16	88
Of bone and articular cartilage (170)	6	5	1	2	–	2	–	–	–	5	3	2	7	6	1
Of connective and other soft tissue (171)	12	10	2	6	2	4	2	–	2	9	5	4	12	5	7
Melanoma of skin (172)	2	1	1	3	1	2	1	–	1	5	4	1	4	4	–
Other malignant neoplasms of skin (173)	1	1	–	5	2	3	1	1	–	–	–	–	3	1	2
Of female breast (174)	88	...	88	79	...	79	19	...	19	90	...	90	78	...	78
Of male breast (175)	–	–	...	–	–	...	–	–	...	–	–	...	–	–	...
Malignant neoplasms of genital organs (179-187)	113	43	70	107	57	50	39	24	15	124	70	54	108	32	76
Of cervix uteri (180)	22	...	22	12	...	12	1	...	1	20	...	20	41	...	41
Of other parts of uterus (179,181-182)	15	...	15	14	...	14	7	...	7	7	...	7	12	...	12
Of ovary and other uterine adnexa (183)	29	...	29	22	...	22	7	...	7	27	...	27	21	...	21
Of other and unspecified female genital organs (184)	4	...	4	2	...	2	–	...	–	–	...	–	2	...	2
Of prostate (185)	42	42	...	56	56	...	24	24	...	67	67	...	31	31	...
Of testis (186)	–	–	...	–	–	...	–	–	...	3	3	...	1	1	...
Of penis and other male genital organs (187)	1	1	...	1	1	...	–	–	...	–	–	...	–	–	...
Malignant neoplasms of urinary organs (188-189)	33	21	12	26	15	11	8	7	1	19	15	4	34	23	11
Of bladder (188)	21	11	10	12	7	5	4	3	1	4	4	–	14	12	2
Of kidney and other and unspecified urinary organs (189)	12	10	2	14	8	6	4	4	–	15	11	4	20	11	9
Malignant neoplasms of other and unspecified sites (190-199)	140	81	59	88	45	43	29	16	13	95	49	46	151	77	74
Of eye (190)	–	–	–	–	–	–	–	–	–	–	–	–	2	1	1
Of brain (191)	31	20	11	14	7	7	4	3	1	19	11	8	29	18	11
Of other and unspecified parts of nervous system (192)	4	4	–	–	–	–	1	1	–	1	1	–	–	–	–
Of thyroid gland and other endocrine glands and related structures (193-194)	3	3	–	5	3	2	2	1	1	8	1	7	13	4	9
Of all other and unspecified sites (195-199)	102	54	48	69	35	34	22	11	11	67	36	31	107	54	53
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	109	64	45	74	34	40	24	12	12	129	90	39	134	73	61
Lymphosarcoma and reticulosarcoma (200)	2	2	–	4	2	2	–	–	–	9	8	1	7	6	1
Hodgkin's disease (201)	2	2	–	3	–	3	1	1	–	4	2	2	2	1	1
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	43	29	14	34	15	19	7	3	4	37	27	10	49	20	29
Multiple myeloma and immunoproliferative neoplasms (203)	15	8	7	6	3	3	4	–	4	19	13	6	19	12	7
Leukemia (204-208)	47	23	24	27	14	13	12	8	4	60	40	20	57	34	23
Lymphoid leukemia (204)	11	6	5	3	3	–	4	1	3	10	5	5	12	7	5
Myeloid leukemia (205)	21	8	13	10	5	5	4	4	–	33	22	11	36	23	13
Monocytic leukemia (206)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other and unspecified leukemia (207-208)	15	9	6	14	6	8	4	3	1	17	13	4	9	4	5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	23	6	17	10	7	3	4	1	3	19	6	13	29	13	16
Benign neoplasms (210-229)	10	2	8	3	2	1	1	–	1	7	3	4	5	2	3
Of female genital organs (218-221)	1	...	1	–	...	–	–	...	–	–	...	–	–	...	–
Of eye, brain, and other parts of nervous system (224-225)	4	–	4	–	–	–	1	–	1	3	1	2	3	2	1
Of all other and unspecified sites (210-217,222-223,226-229)	5	2	3	3	2	1	–	–	–	4	2	2	2	–	2
Carcinoma in situ (230-234)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Of breast and genitourinary system (233)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Of all other and unspecified sites (230-232,234)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Neoplasms of uncertain behavior (235-238)	1	–	1	2	2	–	1	1	–	4	1	3	5	2	3
Neoplasms of unspecified nature (239)	12	4	8	5	3	2	2	–	2	8	2	6	19	9	10
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	159	74	85	132	65	67	57	32	25	101	56	45	173	81	92
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	152	70	82	128	65	63	56	32	24	94	50	44	168	81	87
Disorders of thyroid gland (240-246)	1	–	1	–	–	–	–	–	–	1	1	–	3	–	3
Diabetes mellitus (250)	131	60	71	110	57	53	49	27	22	79	39	40	131	61	70
Disorders of the pituitary gland and its hypothalamic control (253)	–	–	–	1	1	–	–	–	–	1	1	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–
Disorders of adrenal glands (255)	–	–	–	2	1	1	1	1	–	1	1	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Obesity (278.0)	–	–	–	–	–	–	1	1	–	–	–	–	4	2	2
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	20	10	10	15	6	9	4	2	2	12	8	4	29	18	11
Nutritional deficiencies (260-269)	7	4	3	4	–	4	1	–	1	7	6	1	5	–	5
Nutritional marasmus (261)	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Other protein-calorie malnutrition (262-263)	6	3	3	3	–	3	1	–	1	7	6	1	5	–	5
All other nutritional deficiencies (260,264-269)	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
IV. Diseases of blood and blood-forming organs (280-289)	21	15	6	17	8	9	9	3	6	26	18	8	43	27	16
Anemias (280-285)	11	8	3	7	3	4	3	–	3	12	7	5	22	12	10
Deficiency anemias (280-281)	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
Hemolytic anemias (282-283)	1	1	–	1	–	1	1	–	1	5	4	1	7	4	3
Aplastic anemia (284)	4	3	1	4	1	3	2	–	2	5	3	2	12	5	7
Other and unspecified anemias (285)	6	4	2	1	1	–	–	–	–	2	–	2	3	3	–
Purpura and other hemorrhagic conditions (287)	–	–	–	2	1	1	1	1	–	5	4	1	3	2	1
All other diseases of blood and blood-forming organs (286,288-289)	10	7	3	8	4	4	5	2	3	9	7	2	18	13	5
V. Mental disorders (290-319)	21	9	12	39	17	22	8	2	6	20	17	3	31	22	9
Senile and presenile organic psychotic conditions (290)	10	5	5	20	8	12	3	1	2	12	9	3	6	3	3
Alcoholic psychoses (291)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other psychoses (292-299)	6	2	4	5	2	3	2	1	1	2	2	–	5	2	3
Alcohol dependence syndrome (303)	2	1	1	5	2	3	–	–	–	3	3	–	9	9	–
Drug dependence (304)	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	3	1	2	8	4	4	2	–	2	3	3	–	9	6	3
Mental retardation (317-319)	–	–	–	–	–	–	1	–	1	–	–	–	1	1	–

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.

(Page 5 of 12)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	All races [1]			White			Black			American Indian [2]		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
VI. Diseases of the nervous system and sense organs (320-389)	39,368	18,748	20,620	35,495	16,726	18,769	3,477	1,786	1,691	115	64	51
Diseases of the nervous system (320-359)	39,251	18,693	20,558	35,409	16,684	18,725	3,448	1,773	1,675	114	64	50
Meningitis (320-322)	1,017	545	472	705	371	334	284	159	125	12	7	5
Parkinson's disease (332)	7,254	4,244	3,010	6,918	4,042	2,876	245	146	99	17	7	10
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	19,948	8,145	11,803	18,657	7,541	11,116	1,158	523	635	32	19	13
Multiple sclerosis (340)	1,647	594	1,053	1,504	549	955	139	43	96	-	-	-
Infantile cerebral palsy (343)	773	439	334	617	354	263	147	81	66	3	1	2
Epilepsy (345)	1,627	907	720	1,178	636	542	427	257	170	13	8	5
Other diseases of the nervous system (323-326,341-342,344,346-359)	6,985	3,819	3,166	5,830	3,191	2,639	1,048	564	484	37	22	15
Disorders of the eye and adnexa (360-379)	41	12	29	30	10	20	11	2	9	-	-	-
Diseases of the ear and mastoid process (380-389)	76	43	33	56	32	24	18	11	7	1	-	1
VII. Diseases of the circulatory system (390-459)	920,245	444,763	475,482	811,199	391,468	419,731	98,734	47,557	51,177	2,392	1,325	1,067
Rheumatic fever and rheumatic heart disease (390-398)	6,018	1,830	4,188	5,483	1,655	3,828	436	146	290	18	6	12
Acute rheumatic fever (390-392)	66	32	34	52	26	26	14	6	8	-	-	-
Chronic rheumatic heart disease (393-398)	5,952	1,798	4,154	5,431	1,629	3,802	422	140	282	18	6	12
Diseases of mitral valve (394)	2,690	740	1,950	2,443	675	1,768	190	52	138	8	2	6
Diseases of aortic valve (395)	173	77	96	158	66	92	15	11	4	-	-	-
Diseases of mitral and aortic valves (396)	1,105	389	716	1,018	353	665	78	32	46	-	-	-
All other chronic rheumatic heart disease (393,397-398)	1,984	592	1,392	1,812	535	1,277	139	45	94	10	4	6
Hypertensive disease (401-404)	32,618	13,614	19,004	23,773	9,587	14,186	8,452	3,827	4,625	69	31	38
Essential hypertension (401)	4,618	1,812	2,806	3,598	1,360	2,238	975	427	548	9	5	4
Hypertensive heart disease (402)	21,072	8,822	12,250	15,165	6,077	9,088	5,636	2,608	3,028	41	19	22
Hypertensive renal disease (403)	4,551	2,021	2,530	3,362	1,502	1,860	1,134	492	642	13	4	9
Hypertensive heart and renal disease (404)	2,377	959	1,418	1,648	648	1,000	707	300	407	6	3	3
Ischemic heart disease (410-414)	489,171	252,597	236,574	443,859	229,937	213,922	40,571	19,858	20,713	1,157	694	463
Acute myocardial infarction (410)	239,008	129,483	109,525	216,252	117,850	98,402	20,436	10,260	10,176	586	354	232
Other acute and subacute forms of ischemic heart disease (411)	3,333	1,968	1,365	2,807	1,667	1,140	479	272	207	31	18	13
Angina pectoris (413)	1,070	443	627	959	391	568	103	48	55	4	2	2
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	245,760	120,703	125,057	223,841	110,029	113,812	19,553	9,278	10,275	536	320	216
Diseases of pulmonary circulation (415-417)	11,848	5,382	6,466	9,787	4,438	5,349	1,951	889	1,062	43	18	25
Other forms of heart disease (420-429)	189,572	91,198	98,374	161,422	76,607	84,815	25,810	13,237	12,573	648	366	282
Acute and subacute endocarditis (421)	921	541	380	724	431	293	183	102	81	6	4	2
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	815	449	366	638	357	281	156	79	77	9	4	5
Other diseases of endocardium (424)	13,004	5,500	7,504	11,951	5,023	6,928	924	414	510	33	14	19
Mitral valve disorders (424.0)	2,044	736	1,308	1,886	691	1,195	136	39	97	4	-	4
Aortic valve disorders (424.1)	7,966	3,593	4,373	7,402	3,311	4,091	500	245	255	17	9	8
All other diseases of endocardium (424.2-424.9)	2,994	1,171	1,823	2,663	1,021	1,642	288	130	158	12	5	7
Heart failure (428)	37,927	15,089	22,838	33,802	13,314	20,488	3,797	1,631	2,166	122	51	71
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	1,079	530	549	845	424	421	219	99	120	4	1	3
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	135,826	69,089	66,737	113,462	57,058	56,404	20,531	10,912	9,619	474	292	182
Cerebrovascular diseases (430-438)	144,088	56,697	87,391	124,526	48,024	76,502	17,407	7,653	9,754	365	164	201
Subarachnoid hemorrhage (430)	6,815	2,379	4,436	5,556	1,971	3,585	1,042	345	697	45	14	31
Intracerebral and other intracranial hemorrhage (431-432)	20,575	9,227	11,348	16,776	7,252	9,524	3,227	1,665	1,562	50	28	22
Occlusion and stenosis of precerebral arteries (433)	1,256	697	559	1,154	651	503	92	43	49	3	-	3
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	18,261	7,032	11,229	16,079	6,087	9,992	1,977	851	1,126	35	11	24
Cerebral embolism (434.1)	651	263	388	604	240	364	39	20	19	1	-	1
Acute but ill-defined cerebrovascular disease (436)	80,745	31,073	49,672	70,417	26,616	43,801	9,406	4,013	5,393	188	87	99
Other and late effects of cerebrovascular diseases (435,437-438)	15,785	6,026	9,759	13,940	5,207	8,733	1,624	716	908	45	24	21
Diseases of arteries, arterioles, and capillaries (440-448)	42,692	21,419	21,273	38,838	19,576	19,262	3,441	1,599	1,842	71	35	36
Atherosclerosis (440)	18,047	6,859	11,188	16,547	6,232	10,315	1,380	563	817	34	17	17
Aortic aneurysm (441)	16,402	10,806	5,596	15,119	10,068	5,051	1,068	589	479	15	9	6
All other diseases of arteries, arterioles, and capillaries (442-448)	8,243	3,754	4,489	7,172	3,276	3,896	993	447	546	22	9	13
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	4,238	2,026	2,212	3,511	1,644	1,867	666	348	318	21	11	10
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	1,793	814	979	1,492	666	826	283	141	142	7	2	5
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	2,445	1,212	1,233	2,019	978	1,041	383	207	176	14	9	5
VIII. Diseases of the respiratory system (460-519)	192,205	100,075	92,130	173,634	89,293	84,341	16,183	9,365	6,818	677	384	293
Diseases of the upper respiratory tract (460-465,470-478)	592	289	303	506	247	259	74	37	37	4	2	2
Acute upper respiratory infections (460-465)	264	117	147	230	102	128	30	15	15	1	-	1
Other diseases of upper respiratory tract (470-478)	328	172	156	276	145	131	44	22	22	3	2	1
Other diseases of the respiratory system (466,480-519)	191,613	99,786	91,827	173,128	89,046	84,082	16,109	9,328	6,781	673	382	291
Acute bronchitis and bronchiolitis (466)	633	269	364	559	233	326	64	33	31	5	2	3
Pneumonia (480-486)	77,415	36,099	41,316	68,807	31,350	37,457	7,473	4,115	3,358	314	170	144
Viral pneumonia (480)	720	342	378	635	295	340	69	39	30	5	3	2
Pneumococcal and other bacterial pneumonia (481-482)	6,227	3,226	3,001	5,219	2,649	2,570	903	512	391	35	18	17
Bronchopneumonia, organism unspecified (485)	6,376	3,037	3,339	5,549	2,535	3,014	725	450	275	30	13	17
Pneumonia due to other and unspecified organism (483,486)	64,092	29,494	34,598	57,404	25,871	31,533	5,776	3,114	2,662	244	136	108
Influenza (487)	2,098	799	1,299	1,999	751	1,248	90	46	44	3	-	3
Chronic obstructive pulmonary diseases and allied conditions (490-496)	86,679	49,416	37,263	80,179	45,234	34,945	5,655	3,628	2,027	232	141	91
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	24,125	13,171	10,954	21,889	11,853	10,036	1,939	1,137	802	56	32	24
Bronchitis, not specified as acute or chronic (490)	615	246	369	561	216	345	43	25	18	4	2	2
Chronic bronchitis (491)	2,985	1,632	1,353	2,804	1,510	1,294	147	100	47	7	6	1
Emphysema (492)	15,706	9,408	6,298	14,828	8,769	6,059	763	552	211	25	16	9
Asthma (493)	4,819	1,885	2,934	3,696	1,358	2,338	986	460	526	20	8	12

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Chinese			Japanese			Hawaiian			Filipino			Other Asian or Pacific Islander		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
VI. Diseases of the nervous system and sense organs (320-389)	67	42	25	73	43	30	26	15	11	39	29	10	73	41	32
Diseases of the nervous system (320-359)	67	42	25	73	43	30	26	15	11	39	29	10	72	41	31
Meningitis (320-322)	4	2	2	4	2	2	2	1	1	–	–	–	6	3	3
Parkinson's disease (332)	28	17	11	17	12	5	5	3	2	11	8	3	12	8	4
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	15	13	2	35	18	17	8	4	4	16	12	4	25	14	11
Multiple sclerosis (340)	2	1	1	2	1	1	–	–	–	–	–	–	–	–	–
Infantile cerebral palsy (343)	1	–	1	1	1	–	–	–	–	1	1	–	3	1	2
Epilepsy (345)	–	–	–	1	1	–	1	1	–	2	2	–	5	2	3
Other diseases of the nervous system (323-326,341-342,344,346-359)	17	9	8	13	8	5	10	6	4	9	6	3	21	13	8
Disorders of the eye and adnexa (360-379)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the ear and mastoid process (380-389)	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
VII. Diseases of the circulatory system (390-459)	2,025	1,080	945	1,637	797	840	503	267	236	1,765	1,187	578	1,902	1,033	869
Rheumatic fever and rheumatic heart disease (390-398)	14	6	8	11	3	8	9	3	6	18	5	13	26	6	20
Acute rheumatic fever (390-392)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chronic rheumatic heart disease (393-398)	14	6	8	11	3	8	9	3	6	18	5	13	26	6	20
Diseases of mitral valve (394)	8	2	6	7	1	6	2	2	–	13	3	10	17	3	14
Diseases of aortic valve (395)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of mitral and aortic valves (396)	3	1	2	3	2	1	1	1	–	1	–	1	1	–	1
All other chronic rheumatic heart disease (393,397-398)	3	3	–	1	–	1	6	–	6	4	2	2	8	3	5
Hypertensive disease (401-404)	90	47	43	56	22	34	13	6	7	84	53	31	77	38	39
Essential hypertension (401)	10	6	4	6	3	3	2	–	2	7	5	2	11	6	5
Hypertensive heart disease (402)	65	34	31	41	13	28	11	6	5	58	37	21	51	25	26
Hypertensive renal disease (403)	10	3	7	7	4	3	–	–	–	13	9	4	12	7	5
Hypertensive heart and renal disease (404)	5	4	1	2	2	–	–	–	–	6	2	4	3	–	3
Ischemic heart disease (410-414)	949	528	421	676	343	333	204	106	98	837	589	248	874	514	360
Acute myocardial infarction (410)	453	238	215	321	172	149	98	53	45	398	278	120	442	263	179
Other acute and subacute forms of ischemic heart disease (411)	4	1	3	4	4	–	1	1	–	2	1	1	5	4	1
Angina pectoris (413)	1	–	1	1	–	1	–	–	–	2	2	–	–	–	–
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	491	289	202	350	167	183	105	52	53	435	308	127	427	247	180
Diseases of pulmonary circulation (415-417)	17	13	4	7	–	7	11	7	4	10	8	2	22	9	13
Other forms of heart disease (420-429)	392	213	179	379	199	180	170	92	78	331	233	98	399	238	161
Acute and subacute endocarditis (421)	2	1	1	1	1	–	2	1	1	1	–	1	2	1	1
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	3	3	–	–	–	–	3	1	2	2	2	–	4	3	1
Other diseases of endocardium (424)	16	7	9	29	13	16	2	1	1	28	18	10	20	10	10
Mitral valve disorders (424.0)	5	1	4	2	–	2	–	–	–	6	2	4	4	3	1
Aortic valve disorders (424.1)	10	6	4	16	9	7	1	–	1	12	7	5	8	6	2
All other diseases of endocardium (424.2-424.9)	1	–	1	11	4	7	1	1	–	10	9	1	8	1	7
Heart failure (428)	68	28	40	43	15	28	15	8	7	37	26	11	37	12	25
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	3	2	1	2	1	1	–	–	–	–	–	–	5	3	2
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	300	172	128	304	169	135	148	81	67	263	187	76	331	209	122
Cerebrovascular diseases (430-438)	460	204	256	407	180	227	65	37	28	400	241	159	445	191	254
Subarachnoid hemorrhage (430)	42	7	35	42	11	31	10	5	5	28	8	20	48	18	30
Intracerebral and other intracranial hemorrhage (431-432)	135	66	69	81	48	33	15	11	4	137	86	51	151	70	81
Occlusion and stenosis of precerebral arteries (433)	1	1	–	2	1	1	–	–	–	1	–	1	2	1	1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	45	17	28	40	21	19	6	4	2	41	23	18	38	18	20
Cerebral embolism (434.1)	1	–	1	1	–	1	–	–	–	3	2	1	2	1	1
Acute but ill-defined cerebrovascular disease (436)	180	90	90	185	81	104	30	15	15	161	99	62	174	70	104
Other and late effects of cerebrovascular diseases (435,437-438)	56	23	33	56	18	38	4	2	2	29	23	6	30	13	17
Diseases of arteries, arterioles, and capillaries (440-448)	96	65	31	93	47	46	29	14	15	76	52	24	46	29	17
Atherosclerosis (440)	22	11	11	21	8	13	5	2	3	26	20	6	12	6	6
Aortic aneurysm (441)	58	49	9	54	30	24	16	10	6	43	29	14	27	20	7
All other diseases of arteries, arterioles, and capillaries (442-448)	16	5	11	18	9	9	8	2	6	7	3	4	7	3	4
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	7	4	3	8	3	5	2	2	–	9	6	3	13	8	5
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	1	–	1	1	–	1	1	1	–	3	2	1	4	2	2
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	6	4	2	7	3	4	1	1	–	6	4	2	9	6	3
VIII. Diseases of the respiratory system (460-519)	515	327	188	400	206	194	68	39	29	325	228	97	390	227	163
Diseases of the upper respiratory tract (460-465,470-478)	–	–	–	1	–	1	1	–	1	2	1	1	4	2	2
Acute upper respiratory infections (460-465)	–	–	–	1	–	1	1	–	1	–	–	–	1	–	1
Other diseases of upper respiratory tract (470-478)	–	–	–	–	–	–	–	–	–	2	1	1	3	2	1
Other diseases of the respiratory system (466,480-519)	515	327	188	399	206	193	67	39	28	323	227	96	386	225	161
Acute bronchitis and bronchiolitis (466)	1	–	1	1	–	1	–	–	–	1	–	1	2	1	1
Pneumonia (480-486)	235	133	102	209	97	112	25	19	6	155	107	48	187	104	83
Viral pneumonia (480)	–	–	–	4	2	2	–	–	–	1	–	1	6	3	3
Pneumococcal and other bacterial pneumonia (481-482)	27	18	9	13	7	6	2	2	–	13	8	5	14	11	3
Bronchopneumonia, organism unspecified (485)	24	16	8	17	6	11	3	3	–	7	2	5	19	11	8
Pneumonia due to other and unspecified organism (483,486)	184	99	85	175	82	93	20	14	6	134	97	37	148	79	69
Influenza (487)	2	1	1	3	–	3	1	1	–	–	–	–	–	–	–
Chronic obstructive pulmonary diseases and allied conditions (490-496)	215	151	64	107	70	37	33	14	19	121	93	28	135	84	51
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	77	52	25	35	20	15	14	6	8	54	37	17	60	33	27
Bronchitis, not specified as acute or chronic (490)	2	–	2	1	1	–	–	–	–	2	2	–	2	–	2
Chronic bronchitis (491)	7	2	5	6	4	2	–	–	–	6	5	1	8	5	3
Emphysema (492)	37	31	6	17	11	6	3	1	2	15	13	2	18	15	3
Asthma (493)	31	19	12	11	4	7	11	5	6	31	17	14	32	13	19

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	All races [1]			White			Black			American Indian [2]		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Chronic obstructive pulmonary diseases and allied conditions-Con.												
Bronchiectasis and extrinsic allergic alveolitis (494-495)	955	350	605	697	319	578	37	24	13	4	-	4
Chronic airways obstruction, not elsewhere classified (496)	61,599	35,895	25,704	57,393	33,062	24,331	3,679	2,467	1,212	172	109	63
Pneumoconioses and other lung diseases due to external agents (500-508)	9,108	5,132	3,976	7,992	4,493	3,499	1,006	574	432	32	20	12
Empyema and abscess of lung and mediastinum (510,513)	809	532	277	613	391	222	180	129	51	7	5	2
Pleurisy (511)	877	402	475	743	339	404	120	56	64	2	1	1
All other diseases of respiratory system (512,514-519)	13,994	7,137	6,857	12,236	6,255	5,981	1,521	747	774	78	43	35
IX. Diseases of the digestive system (520-579)	75,177	38,223	36,954	64,529	32,304	32,225	9,380	5,202	4,178	581	303	278
Diseases of oral cavity, salivary glands, and jaws (520-529)	101	57	44	82	45	37	14	11	3	1	-	1
Diseases of other parts of the digestive system (530-579)	75,076	38,166	36,910	64,447	32,259	32,188	9,366	5,191	4,175	580	303	277
Ulcer of stomach and duodenum (531-533)	6,186	2,973	3,213	5,517	2,594	2,923	582	332	250	15	7	8
Gastric ulcer (531)	1,886	857	1,029	1,643	713	930	206	121	85	7	5	2
Duodenal ulcer (532)	1,998	1,043	955	1,801	927	874	168	102	66	6	1	5
Peptic ulcer, site unspecified (533)	2,302	1,073	1,229	2,073	954	1,119	208	109	99	2	1	1
Gastritis and duodenitis (535)	690	347	343	606	300	306	77	41	36	5	4	1
Appendicitis (540-543)	438	257	181	357	212	145	71	39	32	6	3	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,838	2,132	3,706	5,089	1,787	3,302	697	319	378	17	5	12
Regional enteritis and idiopathic proctocolitis (555-556)	681	264	417	637	242	395	42	21	21	1	1	-
All other noninfective gastroenteritis and colitis (557-558)	8,143	2,827	5,316	7,300	2,467	4,833	748	317	431	40	12	28
Diverticula of intestine (562)	3,092	950	2,142	2,878	888	1,990	194	55	139	9	3	6
Chronic liver disease and cirrhosis (571)	25,815	16,627	9,188	21,478	13,889	7,589	3,753	2,393	1,360	338	184	154
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	11,985	8,676	3,309	9,482	7,001	2,481	2,202	1,493	709	237	130	107
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	1,150	381	769	1,014	320	694	96	40	56	6	2	4
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	12,680	7,570	5,110	10,982	6,568	4,414	1,455	860	595	95	52	43
Cholelithiasis and other disorders of gallbladder (574-575)	3,022	1,280	1,742	2,722	1,156	1,566	244	96	148	25	10	15
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	21,171	10,509	10,662	17,863	8,724	9,139	2,958	1,578	1,380	124	74	50
X. Diseases of the genitourinary system (580-629)	38,637	17,061	21,576	31,369	13,688	17,681	6,688	3,081	3,607	177	86	91
Diseases of urinary system (580-599)	37,642	16,360	21,282	30,523	13,079	17,444	6,547	2,997	3,550	175	84	91
Nephritis, nephrotic syndrome, and nephrosis (580-589)	20,764	10,005	10,759	16,571	8,021	8,550	3,855	1,806	2,049	112	58	54
Acute glomerulonephritis (580)	90	46	44	78	38	40	8	5	3	2	1	1
Nephrotic syndrome (581)	206	99	107	171	80	91	34	19	15	-	-	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,521	763	758	1,191	590	601	300	156	144	8	5	3
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	18,947	9,097	9,850	15,131	7,313	7,818	3,513	1,626	1,887	102	52	50
Infections of kidney (590)	1,296	404	892	1,134	339	795	138	57	81	6	-	6
Urinary calculus (592,594)	309	118	191	275	105	170	31	12	19	-	-	-
All other diseases of urinary system (591,593,595-599)	15,273	5,833	9,440	12,543	4,614	7,929	2,523	1,122	1,401	57	26	31
Diseases of male genital organs (600-608)	701	701	...	609	609	...	84	84	...	2	2	...
Hyperplasia of prostate (600)	455	455	...	402	402	...	48	48	...	2	2	...
Other diseases of male genital organs (601-608)	246	246	...	207	207	...	36	36	...	-	-	...
Disorders of breast (610-611)	32	-	32	23	-	23	9	-	9	-	-	-
Diseases of female genital organs except breast (614-629)	262	...	262	214	...	214	48	...	48	-	...	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	343	...	343	177	...	177	153	...	153	4	...	4
Pregnancy with abortive outcome (630-638)	57	...	57	23	...	23	33	...	33	-	...	-
Ectopic pregnancy (633)	41	...	41	14	...	14	26	...	26	-	...	-
Spontaneous abortion (634)	6	...	6	4	...	4	2	...	2	-	...	-
Legally induced abortion (635)	1	...	1	-	...	-	1	...	1	-	...	-
Illegally induced abortion (636)	1	...	1	1	...	1	-	...	-	-	...	-
Other pregnancy with abortive outcome (630-632,637-638)	8	...	8	4	...	4	4	...	4	-	...	-
Direct obstetric causes (640-646,651-676)	265	...	265	140	...	140	113	...	113	4	...	4
Hemorrhage of pregnancy and childbirth (640-641,666)	44	...	44	26	...	26	17	...	17	1	...	1
Toxemia of pregnancy (642.4-642.9,643)	64	...	64	34	...	34	27	...	27	2	...	2
Obstructed labor (660)	-	...	-	-	...	-	-	...	-	-	...	-
Complications of the puerperium (670-676)	99	...	99	51	...	51	43	...	43	1	...	1
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	58	...	58	29	...	29	26	...	26	-	...	-
Indirect obstetric causes (647-648)	21	...	21	14	...	14	7	...	7	-	...	-
Delivery in a completely normal case (650)	-	...	-	-	...	-	-	...	-	-	...	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	3,557	1,295	2,262	2,528	912	1,616	983	358	625	12	4	8
Infections of skin and subcutaneous tissue (680-686)	771	315	456	628	250	378	129	59	70	4	2	2
All other diseases of skin and subcutaneous tissue (690-709)	2,786	980	1,806	1,900	662	1,238	854	299	555	8	2	6
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	7,679	2,178	5,501	6,420	1,837	4,583	1,117	308	809	46	11	35
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1,822	485	1,337	1,694	461	1,233	102	21	81	12	2	10
Other arthropathies and related disorders (710-712,715-719)	3,538	834	2,704	2,763	686	2,077	694	134	560	23	4	19
Dorsopathies (720-724)	199	112	87	174	99	75	23	12	11	-	-	-
Rheumatism, excluding the back (725-729)	538	269	269	401	190	211	124	70	54	4	3	1
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	1,582	478	1,104	1,388	401	987	174	71	103	7	2	5

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Chinese			Japanese			Hawaiian			Filipino			Other Asian or Pacific Islander		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Chronic obstructive pulmonary diseases and allied conditions-Con.															
Bronchiectasis and extrinsic allergic alveolitis (494-495)	5	3	2	6	2	4	-	-	-	2	2	-	4	-	4
Chronic airways obstruction, not elsewhere classified (496)	133	96	37	66	48	18	19	8	11	65	54	11	71	51	20
Pneumoconioses and other lung diseases due to external agents (500-508)	25	17	8	21	9	12	3	3	-	17	10	7	12	6	6
Empyema and abscess of lung and mediastinum (510,513)	1	-	1	4	4	-	-	-	-	-	-	-	4	3	1
Pleurisy (511)	3	2	1	4	1	3	-	-	-	1	1	-	4	2	2
All other diseases of respiratory system (512,514-519)	33	23	10	50	25	25	5	2	3	28	16	12	42	25	17
IX. Diseases of the digestive system (520-579)	160	99	61	133	58	75	29	22	7	136	98	38	219	131	88
Diseases of oral cavity, salivary glands, and jaws (520-529)	2	-	2	1	-	1	-	-	-	-	-	-	1	1	-
Diseases of other parts of the digestive system (530-579)	158	99	59	132	58	74	29	22	7	136	98	38	218	130	88
Ulcer of stomach and duodenum (531-533)	22	14	8	14	6	8	3	3	-	21	12	9	12	5	7
Gastric ulcer (531)	6	4	2	8	5	3	1	1	-	9	4	5	6	4	2
Duodenal ulcer (532)	10	6	4	1	-	1	2	2	-	7	5	2	3	-	3
Peptic ulcer, site unspecified (533)	6	4	2	5	1	4	-	-	-	5	3	2	3	1	2
Gastritis and duodenitis (535)	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-
Appendicitis (540-543)	2	1	1	1	1	-	-	-	-	-	-	-	1	1	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	6	1	5	3	2	1	3	1	2	9	8	1	10	7	3
Regional enteritis and idiopathic proctocolitis (555-556)	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
All other noninfective gastroenteritis and colitis (557-558)	17	9	8	15	6	9	-	-	-	11	11	-	11	4	7
Diverticula of intestine (562)	3	-	3	-	-	-	1	-	1	6	4	2	1	-	1
Chronic liver disease and cirrhosis (571)	38	29	9	56	26	30	13	11	2	32	24	8	106	70	36
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	8	8	-	16	12	4	10	8	2	6	6	-	24	18	6
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	4	3	1	10	3	7	-	-	-	4	3	1	16	10	6
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	26	18	8	30	11	19	3	3	-	22	15	7	66	42	24
Cholelithiasis and other disorders of gallbladder (574-575)	7	4	3	6	3	3	-	-	-	11	8	3	7	3	4
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	63	41	22	36	14	22	9	7	2	45	30	15	69	39	30
X. Diseases of the genitourinary system (580-629)	115	56	59	99	47	52	17	10	7	76	48	28	90	42	48
Diseases of urinary system (580-599)	112	53	59	98	46	52	17	10	7	76	48	28	88	40	48
Nephritis, nephrotic syndrome, and nephrosis (580-589)	62	34	28	49	28	21	9	4	5	45	27	18	57	26	31
Acute glomerulonephritis (580)	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-
Nephrotic syndrome (581)	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	6	4	2	6	3	3	2	1	1	3	2	1	4	2	2
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	55	30	25	43	25	18	7	3	4	42	25	17	51	22	29
Infections of kidney (590)	7	3	4	5	2	3	1	1	-	3	2	1	2	-	2
Urinary calculus (592,594)	1	-	1	1	-	1	-	-	-	-	-	-	1	1	-
All other diseases of urinary system (591,593,595-599)	42	16	26	43	16	27	7	5	2	28	19	9	28	13	15
Diseases of male genital organs (600-608)	3	3	...	1	1	...	-	-	...	-	-	...	2	2	...
Hyperplasia of prostate (600)	1	1	...	1	1	...	-	-	...	-	-	...	1	1	...
Other diseases of male genital organs (601-608)	2	2	...	-	-	...	-	-	...	-	-	...	1	1	...
Disorders of breast (610-611)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	1	...	1	-	...	-	-	...	-	4	...	4	4	...	4
Pregnancy with abortive outcome (630-638)	-	...	-	-	...	-	-	...	-	1	...	1	-	...	-
Ectopic pregnancy (633)	-	...	-	-	...	-	-	...	-	1	...	1	-	...	-
Spontaneous abortion (634)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
Legally induced abortion (635)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
Illegally induced abortion (636)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
Other pregnancy with abortive outcome (630-632,637-638)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
Direct obstetric causes (640-646,651-676)	1	...	1	-	...	-	-	...	-	3	...	3	4	...	4
Hemorrhage of pregnancy and childbirth (640-641,666)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
Toxemia of pregnancy (642.4-642.9,643)	-	...	-	-	...	-	-	...	-	-	...	-	1	...	1
Obstructed labor (660)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
Complications of the puerperium (670-676)	-	...	-	-	...	-	-	...	-	3	...	3	1	...	1
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	1	...	1	-	...	-	-	...	-	-	...	-	2	...	2
Indirect obstetric causes (647-648)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
Delivery in a completely normal case (650)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	8	6	2	8	4	4	2	-	2	7	6	1	9	5	4
Infections of skin and subcutaneous tissue (680-686)	2	2	-	6	2	4	2	-	2	-	-	-	-	-	-
All other diseases of skin and subcutaneous tissue (690-709)	6	4	2	2	2	-	-	-	-	7	6	1	9	5	4
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	26	10	16	19	2	17	5	3	2	21	5	16	25	2	23
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1	-	1	7	1	6	-	-	-	2	-	2	4	-	4
Other arthropathies and related disorders (710-712,715-719)	16	6	10	8	-	8	-	-	-	17	3	14	17	1	16
Dorsopathies (720-724)	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-
Rheumatism, excluding the back (725-729)	3	3	-	1	-	1	2	1	1	2	2	-	1	-	1
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	5	1	4	2	-	2	3	2	1	-	-	-	3	1	2

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.

(Page 9 of 12)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	All races [1]			White			Black			American Indian [2]		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
XIV. Congenital anomalies (740-759)	13,085	7,050	6,035	10,502	5,667	4,835	2,177	1,174	1,003	120	64	56
Spina bifida (741)	178	87	91	148	68	80	27	17	10	2	2	-
All other congenital anomalies of nervous system (740,742)	1,625	805	820	1,310	660	650	255	114	141	18	11	7
Congenital anomalies of heart (745-746)	4,641	2,504	2,137	3,720	2,012	1,708	781	424	357	42	23	19
Other congenital anomalies of circulatory system (747)	1,193	633	560	939	503	436	215	112	103	8	3	5
All other congenital anomalies (743-744,748-759)	5,448	3,021	2,427	4,385	2,424	1,961	899	507	392	50	25	25
XV. Certain conditions originating in the perinatal period (760-779)	17,674	10,056	7,618	10,506	6,055	4,451	6,744	3,762	2,982	125	81	44
Birth trauma (767)	214	135	79	159	100	59	52	35	17	1	-	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	3,657	2,176	1,481	2,339	1,387	952	1,224	731	493	31	21	10
Other conditions originating in the perinatal period (760-766,770-779)	13,803	7,745	6,058	8,008	4,568	3,440	5,468	2,996	2,472	93	60	33
XVI. Symptoms, signs, and ill-defined conditions (780-799)	24,137	13,533	10,604	18,058	9,951	8,107	5,505	3,215	2,290	237	164	73
Senility without mention of psychosis (797)	1,308	336	972	1,150	285	865	149	48	101	5	3	2
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	22,829	13,197	9,632	16,908	9,666	7,242	5,356	3,167	2,189	232	161	71
Supplementary classification of external causes of injury and poisoning (E800-E999)	150,211	107,999	42,212	118,993	84,258	34,735	27,168	20,835	6,333	1,706	1,309	397
Accidents and adverse effects (E800-E949)	91,983	61,938	30,045	76,934	51,348	25,586	12,419	8,756	3,663	1,182	883	299
Transport accidents (E800-E848)	49,606	34,804	14,802	42,096	29,376	12,720	5,822	4,280	1,542	719	536	183
Railway accidents (E800-E807)	663	585	78	506	452	54	137	116	21	15	14	1
Motor vehicle accidents (E810-E825)	46,814	32,406	14,408	39,651	27,288	12,363	5,560	4,046	1,514	667	487	180
Motor vehicle traffic accidents (E810-E819)	45,827	31,647	14,180	38,770	26,609	12,161	5,482	3,989	1,493	656	479	177
Involving collision with train (E810)	623	420	203	555	374	181	53	35	18	2	1	1
Involving collision with another motor vehicle (E811-E812)	17,297	10,875	6,422	15,133	9,428	5,705	1,676	1,140	536	148	105	43
Involving collision with pedestrian (E814)	6,800	4,705	2,095	5,164	3,528	1,636	1,322	973	349	145	105	40
Involving collision with other vehicle or object (E813,E815)	7,370	5,728	1,642	6,237	4,851	1,386	910	717	193	72	60	12
Not involving collision on highway (E816-E818)	8,592	6,382	2,210	7,361	5,473	1,888	862	658	204	214	152	62
Motor vehicle traffic accident of unspecified nature (E819)	5,145	3,537	1,608	4,320	2,955	1,365	659	466	193	75	56	19
Motor vehicle nontraffic accidents (E820-E825)	987	759	228	881	679	202	78	57	21	11	8	3
Other road vehicle accidents (E826-E829)	220	140	80	196	118	78	18	16	2	4	4	-
Water transport accidents (E830-E838)	923	824	99	793	699	94	92	88	4	27	27	-
Air and space transport accidents (E840-E845)	941	812	129	908	785	123	12	11	1	6	4	2
Vehicle accidents not elsewhere classifiable (E846-E848)	45	37	8	42	34	8	3	3	-	-	-	-
Accidental poisoning (E850-E869)	5,803	4,199	1,604	4,542	3,304	1,238	1,156	821	335	64	42	22
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	4,506	3,161	1,345	3,477	2,437	1,040	959	675	284	40	25	15
Accidental poisoning by other solid or liquid substances (E860-E866)	549	427	122	430	339	91	99	73	26	16	12	4
Accidental poisoning by gases and vapors (E867-E869)	748	611	137	635	528	107	98	73	25	8	5	3
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	2,669	1,252	1,417	2,245	1,054	1,191	389	176	213	7	4	3
Accidental falls (E880-E888)	12,313	6,311	6,002	11,131	5,565	5,566	1,005	629	376	61	40	21
Fall from one level to another (E880-E884)	3,194	2,273	921	2,808	1,973	835	327	254	73	24	21	3
Fall on same level (E885-E886)	499	243	256	476	229	247	16	8	8	1	1	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	8,620	3,795	4,825	7,847	3,363	4,484	662	367	295	36	18	18
Accidents caused by fire and flames (E890-E899)	4,175	2,571	1,604	2,848	1,765	1,083	1,254	755	499	45	37	8
Other accidents, including late effects (E900-E929)	17,251	12,721	4,530	13,941	10,225	3,716	2,761	2,076	685	286	224	62
Lightning (E907)	89	81	8	75	70	5	14	11	3	-	-	-
Accidental drowning and submersion (E910)	3,979	3,203	776	3,006	2,390	616	777	655	122	65	54	11
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3,303	1,651	1,652	2,741	1,345	1,396	502	269	233	33	22	11
Accident caused by handgun (E922.0)	241	212	29	187	164	23	46	41	5	3	3	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1,175	1,043	132	926	833	93	213	180	33	24	21	3
Accident caused by explosive material (E923)	202	185	17	177	162	15	23	21	2	-	-	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	131	67	64	91	43	48	38	23	15	1	1	-
Accident caused by electric current (E925)	670	635	35	606	577	29	57	52	5	2	2	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	7,461	5,644	1,817	6,132	4,641	1,491	1,091	824	267	158	121	37
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	166	80	86	131	59	72	32	19	13	-	-	-
Suicide (E950-E959)	30,906	24,724	6,182	28,086	22,448	5,638	2,111	1,737	374	252	214	38
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	2,920	1,315	1,605	2,703	1,221	1,482	159	68	91	20	8	12
Suicide by other solid or liquid substances (E950.6-E950.9)	223	164	59	190	138	52	22	16	6	4	4	-
Suicide by gases and vapors (E951-E952)	2,281	1,742	539	2,227	1,702	525	30	21	9	7	5	2
Suicide by hanging, strangulation, and suffocation (E953)	4,444	3,688	756	3,812	3,163	649	374	329	45	75	68	7
Suicide by handgun (E955.0)	3,464	2,843	621	3,218	2,645	573	178	144	34	22	19	3
Suicide by all other and unspecified firearms (E955.1-E955.4)	15,421	13,442	1,979	14,126	12,304	1,822	1,085	958	127	106	94	12
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	2,153	1,530	623	1,810	1,275	535	263	201	62	18	16	2
Homicide and legal intervention (E960-E978)	24,932	19,604	5,328	12,153	9,147	3,006	12,144	9,981	2,163	228	177	51
Assault by handgun (E965.0)	1,337	1,046	291	714	528	186	584	487	97	5	4	1
Assault by all other and unspecified firearms (E965.1-E965.4)	14,881	12,583	2,298	6,662	5,366	1,296	7,913	6,966	947	75	60	15
Assault by cutting and piercing instrument (E966)	4,101	3,158	943	1,984	1,517	467	1,998	1,549	449	71	62	9
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	4,295	2,511	1,784	2,593	1,543	1,050	1,540	874	666	69	44	25

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Chinese			Japanese			Hawaiian			Filipino			Other Asian or Pacific Islander		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
XIV. Congenital anomalies (740-759)	46	24	22	16	6	10	15	8	7	45	25	20	159	79	80
Spina bifida (741)	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
All other congenital anomalies of nervous system (740,742)	5	4	1	5	3	2	–	–	–	8	5	3	24	8	16
Congenital anomalies of heart (745-746)	16	6	10	4	–	4	5	2	3	16	7	9	54	28	26
Other congenital anomalies of circulatory system (747)	4	2	2	2	–	2	2	1	1	6	2	4	17	10	7
All other congenital anomalies (743-744,748-759)	21	12	9	5	3	2	8	5	3	15	11	4	63	33	30
XV. Certain conditions originating in the perinatal period (760-779)	45	22	23	21	4	17	28	17	11	28	19	9	171	93	78
Birth trauma (767)	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	11	8	3	3	–	3	8	5	3	6	4	2	32	17	15
Other conditions originating in the perinatal period (760-766,770-779)	34	14	20	18	4	14	19	12	7	22	15	7	138	76	62
XVI. Symptoms, signs, and ill-defined conditions (780-799)	71	42	29	36	18	18	40	26	14	34	27	7	148	84	64
Senility without mention of psychosis (797)	–	–	–	–	–	–	1	–	1	1	–	1	2	–	2
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	71	42	29	36	18	18	39	26	13	33	27	6	146	84	62
Supplementary classification of external causes of injury and poisoning (E800-E999)	424	269	155	244	148	96	115	87	28	360	249	111	1,155	810	345
Accidents and adverse effects (E800-E949)	264	161	103	147	88	59	83	60	23	253	168	85	675	458	217
Transport accidents (E800-E848)	174	100	74	85	47	38	53	34	19	173	105	68	465	316	149
Railway accidents (E800-E807)	1	–	1	–	–	–	–	–	–	1	1	–	3	2	1
Motor vehicle accidents (E810-E825)	169	97	72	80	43	37	53	34	19	169	101	68	447	301	146
Motor vehicle traffic accidents (E810-E819)	168	96	72	79	42	37	50	31	19	164	97	67	440	295	145
Involving collision with train (E810)	2	1	1	1	–	1	–	–	–	4	4	–	6	5	1
Involving collision with another motor vehicle (E811-E812)	57	30	27	25	10	15	7	5	2	57	30	27	183	122	61
Involving collision with pedestrian (E814)	49	28	21	12	7	5	3	–	3	28	19	9	75	44	31
Involving collision with other vehicle or object (E813,E815)	21	14	7	15	10	5	12	7	5	35	22	13	65	46	19
Not involving collision on highway (E816-E818)	20	10	10	20	13	7	10	7	3	23	10	13	81	58	23
Motor vehicle traffic accident of unspecified nature (E819)	19	13	6	6	2	4	18	12	6	17	12	5	30	20	10
Motor vehicle nontraffic accidents (E820-E825)	1	1	–	1	1	–	3	3	–	5	4	1	7	6	1
Other road vehicle accidents (E826-E829)	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–
Water transport accidents (E830-E838)	4	3	1	–	–	–	–	–	–	2	2	–	5	5	–
Air and space transport accidents (E840-E845)	–	–	–	5	4	1	–	–	–	–	–	–	9	7	2
Vehicle accidents not elsewhere classifiable (E846-E848)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Accidental poisoning (E850-E869)	4	4	–	8	5	3	4	4	–	6	5	1	19	14	5
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	3	3	–	8	5	3	4	4	–	3	3	–	12	9	3
Accidental poisoning by other solid or liquid substances (E860-E866)	1	1	–	–	–	–	–	–	–	1	1	–	2	1	1
Accidental poisoning by gases and vapors (E867-E869)	–	–	–	–	–	–	–	–	–	2	1	1	5	4	1
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	4	1	3	7	5	2	1	1	–	7	6	1	9	5	4
Accidental falls (E880-E888)	33	22	11	19	10	9	7	4	3	23	18	5	31	20	11
Fall from one level to another (E880-E884)	7	5	2	6	3	3	3	3	–	5	5	–	12	7	5
Fall on same level (E885-E886)	2	2	–	2	2	–	–	–	–	1	1	–	1	–	1
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	24	15	9	11	5	6	4	1	3	17	12	5	18	13	5
Accidents caused by fire and flames (E890-E899)	3	2	1	2	1	1	1	–	1	1	1	–	20	9	11
Other accidents, including late effects (E900-E929)	46	32	14	26	20	6	17	17	–	42	33	9	129	92	37
Lightning (E907)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Accidental drowning and submersion (E910)	21	16	5	12	9	3	7	7	–	18	15	3	73	57	16
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	8	3	5	3	2	1	–	–	–	5	2	3	10	8	2
Accident caused by handgun (E922.0)	1	1	–	1	–	1	–	–	–	1	1	–	2	2	–
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1	1	–	1	1	–	3	3	–	2	2	–	5	2	3
Accident caused by explosive material (E923)	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Accident caused by electric current (E925)	–	–	–	1	–	1	1	1	–	1	1	–	2	2	–
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	15	11	4	8	8	–	6	6	–	15	12	3	34	19	15
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	–	–	–	–	–	–	–	–	–	1	–	1	2	2	–
Suicide (E950-E959)	91	58	33	70	46	24	24	20	4	63	51	12	201	143	58
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	9	4	5	5	2	3	1	–	1	6	4	2	17	8	9
Suicide by other solid or liquid substances (E950.6-E950.9)	1	1	–	–	–	–	–	–	–	–	–	–	6	5	1
Suicide by gases and vapors (E951-E952)	–	–	–	7	6	1	–	–	–	1	1	–	9	7	2
Suicide by hanging, strangulation, and suffocation (E953)	35	21	14	29	17	12	14	11	3	24	17	7	79	60	19
Suicide by handgun (E955.0)	7	5	2	10	7	3	–	–	–	6	5	1	21	17	4
Suicide by all other and unspecified firearms (E955.1-E955.4)	15	13	2	12	10	2	9	9	–	20	19	1	45	32	13
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	24	14	10	7	4	3	–	–	–	6	5	1	24	14	10
Homicide and legal intervention (E960-E978)	64	47	17	22	11	11	6	5	1	40	28	12	264	198	66
Assault by handgun (E965.0)	–	–	–	2	1	1	–	–	–	4	3	1	28	23	5
Assault by all other and unspecified firearms (E965.1-E965.4)	32	28	4	9	5	4	1	1	–	22	17	5	160	134	26
Assault by cutting and piercing instrument (E966)	14	8	6	1	1	–	1	1	–	5	4	1	26	15	11
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	18	11	7	10	4	6	4	3	1	9	4	5	49	25	24

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.

(Page 11 of 12)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	All races [1]			White			Black			American Indian [2]		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Homicide and legal intervention-Con.												
Legal execution (E978)	21	21	-	14	14	-	7	7	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	297	285	12	186	179	7	102	98	4	8	7	1
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	2,376	1,719	657	1,808	1,303	505	492	359	133	44	35	9
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	955	634	321	778	511	267	158	110	48	14	10	4
From poisoning by other solid or liquid substances (E980.6-E980.9)	51	43	8	38	32	6	8	7	1	4	3	1
From injury by handgun (E985.0)	53	41	12	39	30	9	13	10	3	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	294	248	46	245	203	42	45	42	3	2	2	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	1,023	753	270	708	527	181	268	190	78	24	20	4
Injury resulting from operations of war (E990-E999)	14	14	-	12	12	-	2	2	-	-	-	-

Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1990—Con.

(Page 12 of 12)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Chinese			Japanese			Hawaiian			Filipino			Other Asian or Pacific Islander		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Homicide and legal intervention-Con.															
Legal execution (E978)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	5	3	2	5	3	2	2	2	-	4	2	2	15	11	4
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	-	-	-	1	1	-	-	-	-	1	-	1	2	1	1
From poisoning by other solid or liquid substances (E980.6-E980.9)	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
From injury by handgun (E985.0)	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
From injury by all other and unspecified firearms (E985.1-E985.4)	-	-	-	-	-	-	-	-	-	2	1	1	-	-	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	4	2	2	4	2	2	2	2	-	1	1	-	12	9	3
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 Includes deaths among other races which are not shown separately.
2 Includes deaths among Aleuts and Eskimos.

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990

(Page 1 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
All causes	2,148,463	38,351	2,802	1,733	1,309	1,087	45,282	3,995	4,441	15,711	21,022	26,579	33,512	39,093
All races, male	1,113,417	21,856	1,548	1,027	757	637	25,825	2,363	2,764	11,671	16,202	19,794	24,263	27,601
All races, female	1,035,046	16,495	1,254	706	552	450	19,457	1,632	1,677	4,040	4,820	6,785	9,249	11,492
White, male	950,812	14,371	1,053	735	539	457	17,155	1,750	2,070	8,515	11,693	14,309	17,522	20,054
White, female	902,442	10,512	864	502	393	323	12,594	1,199	1,253	3,163	3,537	4,709	6,215	7,895
Black, male	145,359	6,811	424	249	176	150	7,810	512	601	2,737	3,994	4,949	6,220	6,910
Black, female	120,139	5,479	338	180	134	117	6,248	364	362	730	1,125	1,889	2,745	3,265
I. Infectious and parasitic diseases (001-139)	55,612	840	202	104	61	50	1,257	174	98	187	730	3,473	6,238	6,818
All races, male	37,322	456	99	58	38	29	680	92	49	109	508	2,888	5,362	5,932
All races, female	18,290	384	103	46	23	21	577	82	49	78	222	585	876	886
White, male	27,579	266	56	33	24	16	395	54	32	79	317	2,015	3,684	4,168
White, female	13,457	201	65	29	15	11	321	44	34	48	112	280	377	346
Black, male	9,176	174	34	20	13	12	253	34	13	28	185	843	1,638	1,708
Black, female	4,558	169	33	14	8	10	234	34	14	28	108	297	489	525
Intestinal infectious diseases (001-009)	520	102	10	1	4	2	119	6	2	3	-	5	6	11
All races, male	240	53	6	-	1	1	61	4	1	2	-	5	5	8
All races, female	280	49	4	1	3	1	58	2	1	1	-	-	1	3
White, male	182	28	3	-	1	1	33	3	-	1	-	5	4	6
White, female	231	26	2	-	2	1	31	1	-	-	-	-	1	2
Black, male	50	21	3	-	-	-	24	1	1	1	-	-	1	2
Black, female	43	23	2	-	1	-	26	1	1	1	-	-	-	1
Cholera and typhoid and paratyphoid fevers (001-002)	4	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	4	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	4	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	10	-	-	1	-	2	3	1	-	-	-	-	1	-
All races, male	3	-	-	-	-	1	1	-	-	-	-	-	-	-
All races, female	7	-	-	1	-	1	2	1	-	-	-	-	1	-
White, male	3	-	-	-	-	1	1	-	-	-	-	-	-	-
White, female	3	-	-	-	-	1	1	-	-	-	-	-	1	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	2	-	-	-	-	-	-	1	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	86	4	1	-	-	-	5	-	1	1	-	-	2	3
All races, male	51	3	-	-	-	-	3	-	1	-	-	-	2	2
All races, female	35	1	1	-	-	-	2	-	-	1	-	-	-	1
White, male	32	-	-	-	-	-	-	-	-	-	-	-	1	2
White, female	24	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, male	16	2	-	-	-	-	2	-	1	-	-	-	1	-
Black, female	8	1	1	-	-	-	2	-	-	1	-	-	-	-
Amebiasis (006)	5	-	-	-	-	-	-	-	-	-	-	1	-	-
All races, male	2	-	-	-	-	-	-	-	-	-	-	1	-	-
All races, female	3	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	2	-	-	-	-	-	-	-	-	-	-	1	-	-
White, female	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	235	9	7	-	2	-	18	4	1	2	-	4	3	4
All races, male	99	7	5	-	-	-	12	3	-	2	-	4	3	3
All races, female	136	2	2	-	2	-	6	1	1	-	-	-	-	1
White, male	88	6	2	-	-	-	8	2	-	1	-	4	3	2
White, female	128	1	2	-	1	-	4	1	-	-	-	-	-	1
Black, male	10	1	3	-	-	-	4	1	-	1	-	-	-	1
Black, female	7	1	-	-	1	-	2	-	1	-	-	-	-	-
Ill-defined intestinal infections (009)	180	89	2	-	2	-	93	1	-	-	-	-	-	4
All races, male	81	43	1	-	1	-	45	1	-	-	-	-	-	3
All races, female	99	46	1	-	1	-	48	-	-	-	-	-	-	1
White, male	53	22	1	-	1	-	24	1	-	-	-	-	-	2
White, female	73	25	-	-	1	-	26	-	-	-	-	-	-	-
Black, male	24	18	-	-	-	-	18	-	-	-	-	-	-	1
Black, female	26	21	1	-	-	-	22	-	-	-	-	-	-	1
Tuberculosis (010-018)	1,810	2	4	1	1	-	8	2	1	3	20	48	96	87
All races, male	1,147	2	2	-	-	-	4	1	-	1	6	28	59	66
All races, female	663	-	2	1	1	-	4	1	1	2	14	20	37	21
White, male	630	2	2	-	-	-	4	1	-	-	3	10	17	22
White, female	403	-	2	-	1	-	3	1	1	-	3	5	9	10
Black, male	446	-	-	-	-	-	-	-	-	1	3	18	39	42
Black, female	222	-	-	1	-	-	1	-	-	2	11	14	25	10
Tuberculosis of respiratory system (010-012)	1,378	1	1	-	-	-	2	-	1	2	11	30	65	63
All races, male	907	1	1	-	-	-	2	-	-	1	4	19	45	46
All races, female	471	-	-	-	-	-	-	-	1	1	7	11	20	17
White, male	518	1	1	-	-	-	2	-	-	-	2	8	13	14
White, female	294	-	-	-	-	-	-	-	1	-	-	1	3	8
Black, male	341	-	-	-	-	-	-	-	-	1	2	11	31	30
Black, female	150	-	-	-	-	-	-	-	-	1	7	9	14	8
Other tuberculosis (013-018)	432	1	3	1	1	-	6	2	-	1	9	18	31	24
All races, male	240	1	1	-	-	-	2	1	-	-	2	9	14	20
All races, female	192	-	2	1	1	-	4	1	-	1	7	9	17	4
White, male	112	1	1	-	-	-	2	1	-	-	1	2	4	8
White, female	109	-	2	-	1	-	3	1	-	-	3	4	6	2
Black, male	105	-	-	-	-	-	-	-	-	-	1	7	8	12
Black, female	72	-	-	1	-	-	1	-	-	1	4	5	11	2

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
All causes	44,469	51,856	66,752	97,865	154,831	217,333	260,616	301,114	300,325	244,882	148,118	57,765	12,340	562
All races, male	29,861	33,097	41,557	60,527	94,119	128,356	147,711	157,873	137,533	91,786	44,023	13,688	2,400	403
All races, female	14,608	18,759	25,195	37,338	60,712	88,977	112,905	143,241	162,792	153,096	104,095	44,077	9,940	159
White, male	22,380	25,485	32,805	49,456	79,857	111,237	130,930	141,699	124,811	83,885	40,405	12,522	1,995	277
White, female	10,694	14,303	19,559	29,740	50,044	75,430	98,606	127,386	147,833	141,319	97,141	40,995	8,720	107
Black, male	6,817	6,931	7,888	10,055	12,938	15,350	15,000	14,235	11,058	6,743	3,091	1,042	360	118
Black, female	3,539	3,989	5,063	6,797	9,683	12,315	13,022	14,446	13,698	10,712	6,209	2,754	1,136	48
I. Infectious and parasitic diseases (001-139)	5,285	3,379	2,291	2,090	2,398	2,953	3,425	4,035	4,157	3,487	2,176	773	170	18
All races, male	4,643	2,903	1,820	1,480	1,497	1,713	1,832	1,972	1,788	1,195	627	186	33	13
All races, female	642	476	471	610	901	1,240	1,593	2,063	2,369	2,292	1,549	587	137	5
White, male	3,372	2,143	1,330	1,075	1,137	1,368	1,485	1,642	1,512	1,034	545	157	26	9
White, female	291	254	293	412	656	958	1,290	1,721	2,022	1,993	1,380	517	106	2
Black, male	1,226	713	446	366	330	302	304	290	251	138	70	27	7	4
Black, female	340	217	164	177	217	261	284	321	319	276	154	68	28	3
Intestinal infectious diseases (001-009)	9	6	12	11	24	25	44	63	61	63	36	13	1	-
All races, male	6	5	6	6	15	12	19	27	21	27	6	4	-	-
All races, female	3	1	6	5	9	13	25	36	40	36	30	9	1	-
White, male	5	5	6	4	12	8	15	23	17	25	6	4	-	-
White, female	2	1	6	4	7	11	23	33	39	32	29	9	-	-
Black, male	-	-	-	2	2	3	4	3	4	2	-	-	-	-
Black, female	1	-	-	1	1	2	1	2	1	3	1	-	-	-
Cholera and typhoid and paratyphoid fevers (001-002)	-	1	-	1	1	-	-	1	-	-	-	-	-	-
All races, male	-	1	-	1	1	-	-	1	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	1	-	1	1	-	-	1	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	1	1	-	-	1	1	1	-	-	-	-
All races, male	-	-	-	-	1	-	-	1	-	-	-	-	-	-
All races, female	-	-	-	1	-	-	-	-	1	1	-	-	-	-
White, male	-	-	-	-	1	-	-	1	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	4	2	4	4	7	8	9	15	10	8	2	-	1	-
All races, male	3	1	2	3	6	6	5	9	5	3	-	-	-	-
All races, female	1	1	2	1	1	2	4	6	5	5	2	-	1	-
White, male	2	1	2	1	5	3	2	6	4	3	-	-	-	-
White, female	-	1	2	1	1	2	2	4	4	4	2	-	-	-
Black, male	-	-	-	2	1	2	3	3	1	-	-	-	-	-
Black, female	1	-	-	-	-	-	1	1	1	1	-	-	-	-
Amebiasis (006)	-	-	1	-	-	-	1	1	1	-	-	-	-	-
All races, male	-	-	1	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	1	1	1	-	-	-	-	-
White, male	-	-	1	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	1	1	1	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	5	2	5	4	10	10	18	31	34	41	28	11	-	-
All races, male	3	2	3	2	4	4	8	10	8	20	5	3	-	-
All races, female	2	-	2	2	6	6	10	21	26	21	23	8	-	-
White, male	3	2	3	2	3	3	8	10	7	19	5	3	-	-
White, female	2	-	2	2	5	5	10	20	26	20	22	8	-	-
Black, male	-	-	-	-	-	1	-	-	1	1	-	-	-	-
Black, female	-	-	-	-	-	1	-	1	-	1	1	-	-	-
Ill-defined intestinal infections (009)	-	1	2	1	5	7	16	14	15	13	6	2	-	-
All races, male	-	1	-	-	3	2	6	6	8	4	1	1	-	-
All races, female	-	-	2	1	2	5	10	8	7	9	5	1	-	-
White, male	-	1	-	-	2	2	5	5	6	3	1	1	-	-
White, female	-	-	2	1	1	4	10	8	7	8	5	1	-	-
Black, male	-	-	-	-	1	-	1	-	2	1	-	-	-	-
Black, female	-	-	-	-	1	1	-	-	-	1	-	-	-	-
Tuberculosis (010-018)	91	96	92	117	152	183	199	210	196	139	50	18	2	-
All races, male	71	73	66	81	100	115	122	131	117	72	24	10	-	-
All races, female	20	23	26	36	52	68	77	79	79	67	26	8	2	-
White, male	26	26	37	39	57	70	85	80	81	48	17	7	-	-
White, female	7	7	13	15	33	46	53	58	60	50	23	6	-	-
Black, male	44	44	22	38	37	34	27	40	29	21	5	2	-	-
Black, female	11	15	10	17	13	20	20	16	17	13	3	2	2	-
Tuberculosis of respiratory system (010-012)	68	68	61	79	112	146	161	176	159	117	41	15	1	-
All races, male	56	55	43	57	79	94	102	114	98	63	22	7	-	-
All races, female	12	13	18	22	33	52	59	62	61	54	19	8	1	-
White, male	20	19	27	29	46	61	72	70	70	44	16	5	-	-
White, female	5	5	10	9	22	32	40	46	48	41	17	6	-	-
Black, male	36	33	12	27	29	25	23	36	22	17	4	2	-	-
Black, female	6	8	8	10	7	18	16	12	11	10	2	2	1	-
Other tuberculosis (013-018)	23	28	31	38	40	37	38	34	37	22	9	3	1	-
All races, male	15	18	23	24	21	21	20	17	19	9	2	3	-	-
All races, female	8	10	8	14	19	16	18	17	18	13	7	-	1	-
White, male	6	7	10	10	11	9	13	10	11	4	1	2	-	-
White, female	2	2	3	6	11	14	13	12	12	9	6	-	-	-
Black, male	8	11	10	11	8	9	4	4	7	4	1	-	-	-
Black, female	5	7	2	7	6	2	4	4	6	3	1	-	1	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 3 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Zoonotic and other bacterial diseases (020-041)	20,425	342	75	34	17	22	490	44	24	58	78	153	256	310
All races, male	9,251	192	38	20	13	15	278	27	8	32	35	88	179	216
All races, female	11,174	150	37	14	4	7	212	17	16	26	43	65	77	94
White, male	7,354	118	27	13	10	9	177	18	5	22	25	57	114	135
White, female	9,126	91	29	12	3	5	140	13	12	19	28	51	47	52
Black, male	1,746	67	9	4	3	5	88	8	3	10	9	27	63	78
Black, female	1,922	52	7	2	1	2	64	4	3	7	13	13	29	39
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	1	-	-	1	-	-	1	-	-	-	-	-	-	-
All races, male	1	-	-	1	-	-	1	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	1	-	-	1	-	-	1	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	12	11	-	-	1	-	12	-	-	-	-	-	-	-
All races, male	4	4	-	-	-	-	4	-	-	-	-	-	-	-
All races, female	8	7	-	-	1	-	8	-	-	-	-	-	-	-
White, male	3	3	-	-	-	-	3	-	-	-	-	-	-	-
White, female	6	5	-	-	1	-	6	-	-	-	-	-	-	-
Black, male	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Black, female	2	2	-	-	-	-	2	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	14	2	-	-	-	-	2	-	-	1	-	-	1	-
All races, male	6	1	-	-	-	-	1	-	-	1	-	-	1	-
All races, female	8	1	-	-	-	-	1	-	-	-	-	-	-	-
White, male	4	-	-	-	-	-	-	-	-	-	-	-	1	-
White, female	8	1	-	-	-	-	1	-	-	-	-	-	-	-
Black, male	2	1	-	-	-	-	1	-	-	1	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	215	50	17	13	4	4	88	11	7	20	12	7	8	5
All races, male	113	27	6	6	3	3	45	7	1	13	6	3	7	4
All races, female	102	23	11	7	1	1	43	4	6	7	6	4	1	1
White, male	80	20	4	2	3	2	31	4	1	8	4	2	5	4
White, female	86	17	9	5	1	1	33	3	4	7	6	3	1	1
Black, male	28	6	2	2	-	1	11	3	-	5	2	1	2	-
Black, female	15	5	2	2	-	-	9	1	2	-	-	1	-	-
Tetanus (037)	11	-	-	-	-	-	-	-	-	-	-	2	-	-
All races, male	6	-	-	-	-	-	-	-	-	-	-	2	-	-
All races, female	5	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	4	-	-	-	-	-	-	-	-	-	-	2	-	-
White, female	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	19,169	267	55	18	11	16	367	32	14	28	56	110	193	252
All races, male	8,542	149	31	12	9	11	212	20	7	15	28	61	125	168
All races, female	10,627	118	24	6	2	5	155	12	7	13	28	49	68	84
White, male	6,786	89	22	10	6	6	133	14	4	11	20	39	74	98
White, female	8,670	67	20	6	1	4	98	9	5	7	16	38	40	45
Black, male	1,624	55	7	1	3	4	70	5	3	4	7	19	49	68
Black, female	1,841	45	3	-	1	1	50	3	1	6	11	11	27	36
All other bacterial diseases (020-022,024-031,039-041)	1,003	12	3	2	1	2	20	1	3	9	10	34	54	53
All races, male	579	11	1	1	1	1	15	-	-	3	1	22	46	44
All races, female	424	1	2	1	-	1	5	1	3	6	9	12	8	9
White, male	477	6	1	1	1	1	10	-	-	3	1	14	34	33
White, female	352	1	-	1	-	-	2	1	3	5	6	10	6	6
Black, male	88	4	-	-	-	-	4	-	-	-	-	7	12	10
Black, female	63	-	2	-	-	1	3	-	-	1	2	1	2	3
Viral diseases (*042-*044,045-079)	28,486	263	99	60	26	25	473	102	51	99	557	3,105	5,647	6,116
All races, male	24,202	136	47	34	18	12	247	51	30	57	417	2,651	4,957	5,438
All races, female	4,284	127	52	26	8	13	226	51	21	42	140	454	690	678
White, male	17,599	78	19	17	7	5	126	25	19	45	259	1,870	3,457	3,885
White, female	2,373	57	26	17	3	5	108	22	14	25	64	204	286	251
Black, male	6,321	54	22	15	10	7	108	24	9	11	154	755	1,465	1,503
Black, female	1,834	63	23	8	5	8	107	25	7	16	76	246	399	417
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	64	11	17	9	-	3	40	1	3	4	3	7	3	2
All races, male	34	3	9	6	-	3	21	1	2	2	3	3	1	1
All races, female	30	8	8	3	-	-	19	-	1	2	-	4	2	1
White, male	23	1	2	4	-	3	10	1	2	2	3	3	1	1
White, female	20	4	4	2	-	-	10	-	1	2	-	3	2	1
Black, male	5	2	2	1	-	-	5	-	-	-	-	-	-	-
Black, female	5	1	2	1	-	-	4	-	-	-	-	1	-	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 4 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Zoonotic and other bacterial diseases (020-041)	364	386	467	691	1,128	1,695	2,311	2,979	3,293	2,950	1,930	664	150	4
All races, male	241	226	271	384	632	942	1,226	1,407	1,365	970	537	156	29	2
All races, female	123	160	196	307	496	753	1,085	1,572	1,928	1,980	1,393	508	121	2
White, male	156	142	172	270	488	760	997	1,184	1,155	855	468	131	22	1
White, female	67	104	136	220	363	577	859	1,298	1,641	1,719	1,238	446	94	2
Black, male	80	77	90	100	136	170	213	205	195	101	61	24	7	1
Black, female	54	53	54	81	123	168	216	264	267	244	141	60	25	-
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	2	1	-	-	2	1	1	2	-	1	-	-
All races, male	-	-	1	1	-	-	1	-	-	-	-	-	-	-
All races, female	-	-	1	-	-	-	1	1	1	2	-	1	-	-
White, male	-	-	1	1	-	-	1	-	-	-	-	-	-	-
White, female	-	-	1	-	-	-	1	1	1	2	-	1	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	9	3	5	5	8	5	6	7	3	3	3	-	-	-
All races, male	6	1	2	4	3	2	2	2	2	3	-	-	-	-
All races, female	3	2	3	1	5	3	4	5	1	-	3	-	-	-
White, male	5	1	1	4	1	1	2	1	2	3	-	-	-	-
White, female	2	2	3	1	4	3	4	5	1	-	3	-	-	-
Black, male	1	-	-	-	2	-	-	1	-	-	-	-	-	-
Black, female	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Tetanus (037)	-	2	1	-	-	1	1	3	-	1	-	-	-	-
All races, male	-	2	-	-	-	1	-	1	-	-	-	-	-	-
All races, female	-	-	1	-	-	-	1	2	-	1	-	-	-	-
White, male	-	1	-	-	-	-	-	1	-	-	-	-	-	-
White, female	-	-	1	-	-	-	-	2	-	1	-	-	-	-
Black, male	-	1	-	-	-	1	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Septicemia (038)	305	329	438	632	1,058	1,582	2,194	2,843	3,181	2,861	1,889	653	148	4
All races, male	194	188	253	342	588	878	1,159	1,348	1,313	936	522	154	29	2
All races, female	111	141	185	290	470	704	1,035	1,495	1,868	1,925	1,367	499	119	2
White, male	114	113	162	238	453	700	941	1,133	1,107	825	455	129	22	1
White, female	59	91	126	204	341	535	817	1,232	1,588	1,670	1,216	439	92	2
Black, male	75	69	84	92	127	167	204	198	191	99	61	24	7	1
Black, female	51	47	53	80	120	161	209	254	262	239	137	58	25	-
All other bacterial diseases (020-022,024-031,039-041)	50	52	21	53	62	107	108	125	108	83	38	10	2	-
All races, male	41	35	15	37	41	61	64	56	50	31	15	2	-	-
All races, female	9	17	6	16	21	46	44	69	58	52	23	8	2	-
White, male	37	27	8	27	34	59	53	49	46	27	13	2	-	-
White, female	6	11	5	15	18	39	37	58	51	46	19	6	2	-
Black, male	4	7	6	8	7	2	9	6	4	2	-	-	-	-
Black, female	2	6	1	1	2	7	6	10	5	5	4	2	-	-
Viral diseases (*042-*044,045-079)	4,540	2,637	1,477	1,027	705	586	436	343	280	151	80	46	15	13
All races, male	4,137	2,440	1,342	885	544	394	229	172	119	49	25	5	2	11
All races, female	403	197	135	142	161	192	207	171	161	102	55	41	13	2
White, male	3,063	1,873	1,036	665	415	322	195	153	108	44	24	5	2	8
White, female	177	97	74	94	122	153	181	160	143	96	51	39	12	-
Black, male	1,036	533	284	205	116	63	25	13	10	4	-	-	-	3
Black, female	221	100	58	39	32	30	23	9	14	6	4	2	1	2
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Viral diseases-Con. Rubella (056)	8	1	1	-	-	-	2	-	1	1	-	2	-	1
All races, male	2	-	-	-	-	-	-	-	1	-	-	-	-	-
All races, female	6	1	1	-	-	-	2	-	-	1	-	2	-	1
White, male	2	-	-	-	-	-	-	-	1	-	-	-	-	-
White, female	4	1	-	-	-	-	1	-	-	1	-	1	-	1
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Arthropod-borne encephalitis (062-064)	15	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	8	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	7	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	5	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	1,578	4	2	-	1	1	8	1	1	11	27	44	70	102
All races, male	927	2	2	-	1	-	5	-	1	3	12	31	52	76
All races, female	651	2	-	-	-	1	3	1	-	8	15	13	18	26
White, male	755	1	1	-	1	-	3	-	-	1	9	23	35	60
White, female	510	-	-	-	-	1	1	1	-	5	6	6	12	13
Black, male	105	1	-	-	-	-	1	-	-	2	3	7	15	11
Black, female	107	2	-	-	-	-	2	-	-	3	9	7	5	11
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	26,821	247	79	51	25	21	423	100	46	83	527	3,052	5,574	6,011
All races, male	23,231	131	36	28	17	9	221	50	26	52	402	2,617	4,904	5,361
All races, female	3,590	116	43	23	8	12	202	50	20	31	125	435	670	650
White, male	16,814	76	16	13	6	2	113	24	16	42	247	1,844	3,421	3,824
White, female	1,835	52	22	15	3	4	96	21	13	17	58	194	272	236
Black, male	6,208	51	20	14	10	7	102	24	9	9	151	748	1,450	1,492
Black, female	1,718	60	21	7	5	8	101	25	7	13	67	237	394	406
Rickettsioses and other arthropod-borne diseases (080-088)	30	-	-	-	2	-	2	1	3	1	1	2	3	-
All races, male	17	-	-	-	1	-	1	-	2	-	1	2	1	-
All races, female	13	-	-	-	1	-	1	1	1	1	-	-	2	-
White, male	11	-	-	-	1	-	1	-	1	-	1	1	-	-
White, female	11	-	-	-	1	-	1	1	1	-	-	-	1	-
Black, male	5	-	-	-	-	-	-	-	-	-	-	1	1	-
Black, female	2	-	-	-	-	-	-	-	-	1	-	-	1	-
Typhus and other rickettsioses (080-083)	21	-	-	-	2	-	2	1	2	-	-	2	2	-
All races, male	15	-	-	-	1	-	1	-	2	-	-	2	1	-
All races, female	6	-	-	-	1	-	1	1	-	-	-	-	1	-
White, male	10	-	-	-	1	-	1	-	1	-	-	1	-	-
White, female	6	-	-	-	1	-	1	1	-	-	-	-	1	-
Black, male	4	-	-	-	-	-	-	-	-	-	-	1	1	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (084)	3	-	-	-	-	-	-	-	-	1	-	-	1	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	3	-	-	-	-	-	-	-	-	1	-	-	1	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	2	-	-	-	-	-	-	-	-	1	-	-	1	-
All other arthropod-borne diseases (085-088)	6	-	-	-	-	-	-	-	1	-	1	-	-	-
All races, male	2	-	-	-	-	-	-	-	-	-	1	-	-	-
All races, female	4	-	-	-	-	-	-	-	1	-	-	-	-	-
White, male	1	-	-	-	-	-	-	-	-	-	1	-	-	-
White, female	4	-	-	-	-	-	-	-	1	-	-	-	-	-
Black, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	112	25	1	-	-	-	26	-	-	2	-	4	5	5
All races, male	66	15	-	-	-	-	15	-	-	2	-	3	3	5
All races, female	46	10	1	-	-	-	11	-	-	-	-	1	2	-
White, male	24	2	-	-	-	-	2	-	-	2	-	2	1	1
White, female	22	1	-	-	-	-	1	-	-	-	-	-	1	-
Black, male	41	13	-	-	-	-	13	-	-	-	-	1	2	4
Black, female	24	9	1	-	-	-	10	-	-	-	-	1	1	-
Syphilis (090-097)	106	25	1	-	-	-	26	-	-	2	-	4	4	4
All races, male	63	15	-	-	-	-	15	-	-	2	-	3	3	4
All races, female	43	10	1	-	-	-	11	-	-	-	-	1	1	-
White, male	21	2	-	-	-	-	2	-	-	2	-	2	1	-
White, female	20	1	-	-	-	-	1	-	-	-	-	-	-	-
Black, male	41	13	-	-	-	-	13	-	-	-	-	1	2	4
Black, female	23	9	1	-	-	-	10	-	-	-	-	1	1	-
Cardiovascular syphilis (093)	12	-	-	-	-	-	-	-	-	-	-	-	-	1
All races, male	9	-	-	-	-	-	-	-	-	-	-	-	-	1
All races, female	3	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	2	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	7	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	47	-	-	-	-	-	-	-	-	-	-	3	1	2
All races, male	25	-	-	-	-	-	-	-	-	-	-	2	1	2
All races, female	22	-	-	-	-	-	-	-	-	-	-	1	-	-
White, male	12	-	-	-	-	-	-	-	-	-	-	1	1	-
White, female	11	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	12	-	-	-	-	-	-	-	-	-	-	1	-	2
Black, female	11	-	-	-	-	-	-	-	-	-	-	1	-	-
All other syphilis (090-091,095-097)	47	25	1	-	-	-	26	-	-	2	-	1	3	1
All races, male	29	15	-	-	-	-	15	-	-	2	-	1	2	1
All races, female	18	10	1	-	-	-	11	-	-	-	-	-	1	-
White, male	7	2	-	-	-	-	2	-	-	2	-	1	-	-
White, female	7	1	-	-	-	-	1	-	-	-	-	-	-	-
Black, male	22	13	-	-	-	-	13	-	-	-	-	-	2	1
Black, female	11	9	1	-	-	-	10	-	-	-	-	-	1	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Viral diseases-Con. Rubella (056)	1	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White, male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
White, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arthropod-borne encephalitis (062-064)	–	–	–	2	2	1	1	1	5	3	–	–	–	–
All races, male	–	–	–	–	1	1	–	1	3	2	–	–	–	–
All races, female	–	–	–	2	1	–	1	–	2	1	–	–	–	–
White, male	–	–	–	–	1	–	–	1	2	1	–	–	–	–
White, female	–	–	–	2	–	–	–	–	1	1	–	–	–	–
Black, male	–	–	–	–	–	1	–	–	1	1	–	–	–	–
Black, female	–	–	–	–	1	–	1	–	1	–	–	–	–	–
Viral hepatitis (070)	122	96	93	101	147	206	191	178	115	46	17	2	–	–
All races, male	99	76	66	62	82	110	93	92	47	13	6	1	–	–
All races, female	23	20	27	39	65	96	98	86	68	33	11	1	–	–
White, male	79	55	48	50	70	96	80	82	45	12	6	1	–	–
White, female	15	14	18	26	54	77	85	80	58	30	9	–	–	–
Black, male	14	12	7	4	5	10	8	5	1	–	–	–	–	–
Black, female	7	6	6	6	6	11	10	4	8	3	2	1	–	–
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	4,416	2,541	1,384	924	556	379	244	164	160	102	63	44	15	13
All races, male	4,037	2,364	1,276	823	461	283	136	79	69	34	19	4	2	11
All races, female	379	177	108	101	95	96	108	85	91	68	44	40	13	2
White, male	2,983	1,818	988	615	344	226	115	70	61	31	18	4	2	8
White, female	161	83	56	66	68	76	96	80	84	65	42	39	12	–
Black, male	1,022	521	277	201	111	52	17	8	8	3	–	–	–	3
Black, female	214	94	52	33	25	19	12	5	5	3	2	1	1	2
Rickettsioses and other arthropod-borne diseases (080-088)	2	1	2	2	2	6	1	–	1	–	–	–	–	–
All races, male	1	–	1	2	1	3	1	–	1	–	–	–	–	–
All races, female	1	1	1	–	1	3	–	–	–	–	–	–	–	–
White, male	–	–	1	2	1	2	–	–	1	–	–	–	–	–
White, female	1	1	1	–	1	3	–	–	–	–	–	–	–	–
Black, male	1	–	–	–	–	1	1	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typhus and other rickettsioses (080-083)	2	–	1	2	2	4	–	–	1	–	–	–	–	–
All races, male	1	–	1	2	1	3	–	–	1	–	–	–	–	–
All races, female	1	–	–	–	1	1	–	–	–	–	–	–	–	–
White, male	–	–	1	2	1	2	–	–	1	–	–	–	–	–
White, female	1	–	–	–	1	1	–	–	–	–	–	–	–	–
Black, male	1	–	–	–	–	1	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Malaria (084)	–	–	–	–	–	1	–	–	–	–	–	–	–	–
All races, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, female	–	–	–	–	–	1	–	–	–	–	–	–	–	–
White, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White, female	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other arthropod-borne diseases (085-088)	–	1	1	–	–	1	1	–	–	–	–	–	–	–
All races, male	–	–	–	–	–	–	1	–	–	–	–	–	–	–
All races, female	–	1	1	–	–	1	–	–	–	–	–	–	–	–
White, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White, female	–	1	1	–	–	1	–	–	–	–	–	–	–	–
Black, male	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis and other venereal diseases (090-099)	3	6	4	4	4	3	6	14	13	8	3	1	1	–
All races, male	2	6	4	3	2	–	2	6	7	4	1	–	1	–
All races, female	1	–	–	1	2	3	4	8	6	4	2	1	–	–
White, male	1	1	3	1	1	–	–	3	3	1	1	–	1	–
White, female	1	–	–	–	2	–	2	5	6	1	2	1	–	–
Black, male	1	5	1	2	1	–	2	3	4	2	–	–	–	–
Black, female	–	–	–	1	–	3	2	3	–	3	–	–	–	–
Syphilis (090-097)	3	5	4	3	4	3	6	13	12	8	3	1	1	–
All races, male	2	5	4	2	2	–	2	6	7	4	1	–	1	–
All races, female	1	–	–	1	2	3	4	7	5	4	2	1	–	–
White, male	1	–	3	–	1	–	–	3	3	1	1	–	1	–
White, female	1	–	–	–	2	–	2	5	5	1	2	1	–	–
Black, male	1	5	1	2	1	–	2	3	4	2	–	–	–	–
Black, female	–	–	–	1	–	3	2	2	–	3	–	–	–	–
Cardiovascular syphilis (093)	–	1	–	–	1	1	–	1	4	2	–	–	1	–
All races, male	–	1	–	–	1	–	–	1	2	2	–	–	1	–
All races, female	–	–	–	–	–	1	–	–	2	–	–	–	–	–
White, male	–	–	–	–	–	–	–	1	–	–	–	–	1	–
White, female	–	–	–	–	–	–	–	–	2	–	–	–	–	–
Black, male	–	1	–	–	1	–	–	–	2	2	–	–	–	–
Black, female	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Neurosyphilis (094)	1	2	3	3	2	2	4	10	6	6	1	1	–	–
All races, male	1	2	3	2	1	–	1	4	4	2	–	–	–	–
All races, female	–	–	–	1	1	2	3	6	2	4	1	1	–	–
White, male	1	–	2	–	1	–	–	2	3	1	–	–	–	–
White, female	–	–	–	–	1	–	1	4	2	1	1	1	–	–
Black, male	–	2	1	2	–	–	1	2	1	–	–	–	–	–
Black, female	–	–	–	1	–	2	2	2	–	3	–	–	–	–
All other syphilis (090-091,095-097)	2	2	1	–	1	–	2	2	2	–	2	–	–	–
All races, male	1	2	1	–	–	–	1	1	1	–	1	–	–	–
All races, female	1	–	–	–	1	–	1	1	1	–	1	–	–	–
White, male	–	–	1	–	–	–	–	–	–	–	1	–	–	–
White, female	1	–	–	–	1	–	1	1	1	–	1	–	–	–
Black, male	1	2	–	–	–	–	1	1	1	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Syphilis and other venereal diseases-Con.														
Gonococcal infections (098)	3	–	–	–	–	–	–	–	–	–	–	–	1	1
All races, male	2	–	–	–	–	–	–	–	–	–	–	–	–	1
All races, female	1	–	–	–	–	–	–	–	–	–	–	–	1	–
White, male	2	–	–	–	–	–	–	–	–	–	–	–	–	1
White, female	1	–	–	–	–	–	–	–	–	–	–	–	1	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other venereal diseases (099)	3	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, female	2	–	–	–	–	–	–	–	–	–	–	–	–	–
White, male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
White, female	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	4,229	106	13	8	11	1	139	19	17	21	74	156	225	289
All races, male	2,399	58	6	4	5	1	74	9	8	15	49	111	158	199
All races, female	1,830	48	7	4	6	–	65	10	9	6	25	45	67	90
White, male	1,779	38	5	3	5	1	52	7	7	9	29	70	91	119
White, female	1,291	26	6	–	5	–	37	6	6	4	17	20	32	31
Black, male	567	19	–	1	–	–	20	1	–	5	19	41	67	79
Black, female	511	22	–	3	1	–	26	4	3	1	8	23	34	58
Mycoses (110-118)	2,222	60	9	6	7	1	83	13	11	14	34	64	100	118
All races, male	1,271	32	4	3	3	1	43	6	5	11	23	48	68	81
All races, female	951	28	5	3	4	–	40	7	6	3	11	16	32	37
White, male	1,002	21	3	2	3	1	30	5	4	6	12	37	46	58
White, female	729	14	4	–	4	–	22	4	3	2	7	11	20	22
Black, male	235	11	–	1	–	–	12	1	–	4	10	11	22	23
Black, female	204	14	–	2	–	–	16	3	3	1	4	4	12	14
Helminthiases (120-129)	41	–	–	1	–	–	1	–	–	1	4	1	2	2
All races, male	31	–	–	1	–	–	1	–	–	–	3	1	1	2
All races, female	10	–	–	–	–	–	–	–	–	1	1	–	1	–
White, male	30	–	–	1	–	–	1	–	–	–	3	1	1	2
White, female	9	–	–	–	–	–	–	–	–	1	1	–	1	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Late effects of tuberculosis (137)	214	–	–	–	–	–	–	–	–	–	–	1	3	–
All races, male	107	–	–	–	–	–	–	–	–	–	–	1	2	–
All races, female	107	–	–	–	–	–	–	–	–	–	–	–	1	–
White, male	80	–	–	–	–	–	–	–	–	–	–	1	1	–
White, female	93	–	–	–	–	–	–	–	–	–	–	–	1	–
Black, male	21	–	–	–	–	–	–	–	–	–	–	–	1	–
Black, female	12	–	–	–	–	–	–	–	–	–	–	–	–	–
Late effects of acute poliomyelitis (138)	160	–	–	–	1	–	1	–	–	–	–	–	2	2
All races, male	82	–	–	–	–	–	–	–	–	–	–	–	2	1
All races, female	78	–	–	–	1	–	1	–	–	–	–	–	–	1
White, male	77	–	–	–	–	–	–	–	–	–	–	–	2	1
White, female	73	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, male	4	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	5	–	–	–	1	–	1	–	–	–	–	–	–	1
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	1,592	46	4	1	3	–	54	6	6	6	36	90	118	167
All races, male	908	26	2	–	2	–	30	3	3	4	23	61	85	115
All races, female	684	20	2	1	1	–	24	3	3	2	13	29	33	52
White, male	590	17	2	–	2	–	21	2	3	3	14	31	41	58
White, female	387	12	2	–	1	–	15	2	3	1	9	9	10	9
Black, male	307	8	–	–	–	–	8	–	–	1	9	30	44	56
Black, female	289	8	–	1	–	–	9	1	–	–	4	19	22	43
II. Neoplasms (140-239)	512,074	161	147	136	168	137	749	622	572	804	1,108	1,983	3,657	6,154
All races, male	271,295	79	73	78	92	72	394	347	319	465	660	1,072	1,756	2,711
All races, female	240,779	82	74	58	76	65	355	275	253	339	448	911	1,901	3,443
White, male	235,266	61	59	61	77	60	318	282	261	383	531	885	1,439	2,135
White, female	212,227	65	60	49	62	47	283	229	210	258	369	711	1,476	2,733
Black, male	32,311	17	12	13	12	9	63	51	46	62	109	155	268	487
Black, female	25,513	14	11	6	11	17	59	37	33	68	71	180	374	602
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	505,322	90	125	116	148	124	603	569	525	759	1,060	1,897	3,530	6,012
All races, male	268,283	48	63	66	83	68	328	324	297	441	637	1,025	1,685	2,624
All races, female	237,039	42	62	50	65	56	275	245	228	318	423	872	1,845	3,388
White, male	232,608	36	49	49	71	57	262	262	244	363	516	847	1,379	2,064
White, female	208,977	33	52	42	54	39	220	202	189	243	348	679	1,426	2,690
Black, male	31,995	11	12	13	9	8	53	48	43	59	103	147	259	473
Black, female	25,082	6	9	5	9	16	45	34	29	63	67	174	368	593
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	8,405	–	1	–	–	–	1	2	3	9	14	25	40	104
All races, male	5,636	–	–	–	–	–	–	2	2	3	12	18	31	82
All races, female	2,769	–	1	–	–	–	1	–	1	6	2	7	9	22
White, male	4,515	–	–	–	–	–	–	2	1	2	10	12	19	46
White, female	2,403	–	1	–	–	–	1	–	1	4	1	4	7	13
Black, male	1,000	–	–	–	–	–	–	–	1	1	2	5	9	28
Black, female	311	–	–	–	–	–	–	–	–	1	1	3	2	5
Of lip (140)	85	–	–	–	–	–	–	–	–	–	–	2	1	1
All races, male	60	–	–	–	–	–	–	–	–	–	–	2	1	1
All races, female	25	–	–	–	–	–	–	–	–	–	–	–	–	–
White, male	59	–	–	–	–	–	–	–	–	–	–	2	1	1
White, female	25	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Syphilis and other venereal diseases-Con.														
Gonococcal infections (098)	–	–	–	1	–	–	–	–	–	–	–	–	–	–
All races, male	–	–	–	1	–	–	–	–	–	–	–	–	–	–
All races, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White, male	–	–	–	1	–	–	–	–	–	–	–	–	–	–
White, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other venereal diseases (099)	–	1	–	–	–	–	–	1	1	–	–	–	–	–
All races, male	–	1	–	–	–	–	–	–	–	–	–	–	–	–
All races, female	–	–	–	–	–	–	–	1	1	–	–	–	–	–
White, male	–	1	–	–	–	–	–	–	–	–	–	–	–	–
White, female	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	1	–	–	–	–	–	–
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	276	247	237	238	383	455	428	426	313	176	77	31	1	1
All races, male	185	153	130	119	203	247	233	229	158	73	34	11	1	–
All races, female	91	94	107	119	180	208	195	197	155	103	43	20	–	1
White, male	121	96	75	94	163	206	193	199	147	61	29	10	1	–
White, female	36	44	63	79	128	168	172	167	133	95	37	16	–	–
Black, male	64	54	49	19	38	31	32	26	9	8	4	1	–	–
Black, female	53	49	42	38	48	38	22	27	20	7	5	4	–	1
Mycoses (110-118)	125	101	112	138	210	259	248	263	172	98	44	13	1	1
All races, male	82	61	64	62	112	153	146	148	90	43	19	5	1	–
All races, female	43	40	48	76	98	106	102	115	82	55	25	8	–	1
White, male	59	44	42	47	92	131	118	132	83	36	15	4	1	–
White, female	24	31	37	57	68	88	91	96	69	51	20	6	–	–
Black, male	23	14	20	9	18	16	22	14	6	6	3	1	–	–
Black, female	17	9	10	17	28	17	11	17	11	3	4	2	–	1
Helminthiases (120-129)	3	–	2	3	2	7	5	4	2	1	–	1	–	–
All races, male	2	–	2	2	1	6	5	2	2	1	–	–	–	–
All races, female	1	–	–	1	1	1	–	2	–	–	–	1	–	–
White, male	2	–	1	2	1	6	5	2	2	1	–	–	–	–
White, female	–	–	–	1	1	1	–	2	–	–	–	1	–	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Late effects of tuberculosis (137)	–	2	4	9	16	28	43	42	38	17	8	3	–	–
All races, male	–	2	1	6	8	14	20	23	17	6	5	2	–	–
All races, female	–	–	3	3	8	14	23	19	21	11	3	1	–	–
White, male	–	–	1	4	5	9	18	16	15	4	4	2	–	–
White, female	–	–	1	3	5	12	21	17	19	11	3	–	–	–
Black, male	–	2	–	2	3	5	1	5	1	–	1	–	–	–
Black, female	–	–	1	–	3	1	2	2	2	–	–	1	–	–
Late effects of acute poliomyelitis (138)	7	10	6	11	22	25	22	20	23	8	1	–	–	–
All races, male	6	7	4	7	7	11	11	11	12	3	–	–	–	–
All races, female	1	3	2	4	15	14	11	9	11	5	1	–	–	–
White, male	5	6	4	7	7	9	11	10	12	3	–	–	–	–
White, female	1	2	2	4	15	13	11	9	11	4	1	–	–	–
Black, male	1	1	–	–	–	1	–	1	–	–	–	–	–	–
Black, female	–	1	–	–	–	1	–	–	–	1	–	–	–	–
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	141	134	113	77	133	136	110	97	78	52	24	14	–	–
All races, male	95	83	59	42	75	63	51	45	37	20	10	4	–	–
All races, female	46	51	54	35	58	73	59	52	41	32	14	10	–	–
White, male	55	46	27	34	58	51	41	39	35	17	10	4	–	–
White, female	11	11	23	14	39	54	49	43	34	29	13	9	–	–
Black, male	40	37	29	8	17	9	9	6	2	2	–	–	–	–
Black, female	35	39	31	21	17	19	9	8	7	3	1	1	–	–
II. Neoplasms (140-239)	10,365	15,967	24,255	37,246	58,428	77,280	81,662	77,809	59,208	35,122	14,603	3,910	542	28
All races, male	4,579	7,593	12,481	20,428	33,003	43,628	45,909	42,284	30,224	16,167	5,765	1,341	154	15
All races, female	5,786	8,374	11,774	16,818	25,425	33,652	35,753	35,525	28,984	18,955	8,838	2,569	388	13
White, male	3,660	6,027	10,053	16,935	28,186	37,867	40,578	37,615	27,112	14,503	5,204	1,163	120	9
White, female	4,686	6,898	9,778	14,086	21,967	29,664	32,045	32,152	26,442	17,422	8,149	2,338	325	6
Black, male	807	1,415	2,176	3,200	4,389	5,181	4,809	4,143	2,782	1,463	507	162	30	6
Black, female	955	1,265	1,746	2,412	3,114	3,600	3,326	3,056	2,311	1,406	626	206	60	6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	10,211	15,798	24,025	36,960	57,959	76,599	80,814	76,775	58,236	34,378	14,256	3,805	524	27
All races, male	4,501	7,511	12,369	20,290	32,763	43,267	45,467	41,855	29,835	15,912	5,671	1,314	152	15
All races, female	5,710	8,287	11,656	16,670	25,196	33,332	35,347	34,920	28,401	18,466	8,585	2,491	372	12
White, male	3,602	5,958	9,967	16,819	27,973	37,557	40,179	37,223	26,754	14,258	5,117	1,137	118	9
White, female	4,624	6,835	9,687	13,967	21,772	29,394	31,688	31,618	25,927	16,971	7,909	2,270	312	6
Black, male	788	1,404	2,152	3,182	4,363	5,135	4,768	4,113	2,753	1,455	500	161	30	6
Black, female	942	1,245	1,726	2,387	3,086	3,553	3,283	2,995	2,249	1,370	614	197	57	5
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	204	363	565	878	1,260	1,308	1,229	996	707	423	204	59	11	–
All races, male	162	295	429	660	951	915	782	582	395	217	77	18	3	–
All races, female	42	68	136	218	309	393	447	414	312	206	127	41	8	–
White, male	95	183	296	486	761	750	689	524	348	200	71	17	3	–
White, female	29	37	102	167	253	340	400	394	292	193	119	38	8	–
Black, male	60	102	121	164	171	145	80	51	40	15	4	1	–	–
Black, female	11	24	31	42	52	48	41	15	15	10	8	2	–	–
Of lip (140)	3	3	2	5	8	7	6	21	8	10	5	2	1	–
All races, male	3	1	2	2	6	6	5	16	6	7	2	–	–	–
All races, female	–	2	–	3	2	1	1	5	2	3	3	2	1	–
White, male	3	1	2	2	5	6	5	16	6	7	2	–	–	–
White, female	–	2	–	3	2	1	1	5	2	3	3	2	1	–
Black, male	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Malignant neoplasms of lip, oral cavity, and pharynx-Con.														
Of tongue (141)	1,880	–	1	–	–	–	1	–	–	–	1	7	10	28
All races, male	1,251	–	–	–	–	–	–	–	–	–	1	5	8	21
All races, female	629	–	1	–	–	–	1	–	–	–	–	2	2	7
White, male	1,015	–	–	–	–	–	–	–	–	–	1	4	7	13
White, female	555	–	1	–	–	–	1	–	–	–	–	2	2	6
Black, male	222	–	–	–	–	–	–	–	–	–	–	1	1	8
Black, female	65	–	–	–	–	–	–	–	–	–	–	–	–	1
Of pharynx (146-149.0)	4,008	–	–	–	–	–	–	2	3	6	13	13	19	46
All races, male	2,845	–	–	–	–	–	–	2	2	2	11	10	15	37
All races, female	1,163	–	–	–	–	–	–	–	1	4	2	3	4	9
White, male	2,191	–	–	–	–	–	–	2	1	1	9	5	8	18
White, female	975	–	–	–	–	–	–	–	1	2	1	1	3	3
Black, male	559	–	–	–	–	–	–	–	1	1	2	4	4	11
Black, female	150	–	–	–	–	–	–	–	–	1	1	2	1	3
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	2,432	–	–	–	–	–	–	–	–	3	–	3	10	29
All races, male	1,480	–	–	–	–	–	–	–	–	1	–	1	7	23
All races, female	952	–	–	–	–	–	–	–	–	2	–	2	3	6
White, male	1,250	–	–	–	–	–	–	–	–	1	–	1	3	14
White, female	848	–	–	–	–	–	–	–	–	2	–	1	2	4
Black, male	218	–	–	–	–	–	–	–	–	–	–	–	4	9
Black, female	96	–	–	–	–	–	–	–	–	–	–	1	1	1
Malignant neoplasms of digestive organs and peritoneum (150-159)	120,765	8	8	3	7	7	33	7	8	34	73	202	425	950
All races, male	63,920	4	4	2	5	3	18	4	3	19	41	106	246	583
All races, female	56,845	4	4	1	2	4	15	3	5	15	32	96	179	367
White, male	54,515	4	3	–	4	3	14	4	1	16	23	77	176	398
White, female	49,015	4	2	1	1	2	10	2	3	9	24	70	131	268
Black, male	8,001	–	1	1	1	–	3	–	2	2	16	23	50	150
Black, female	6,932	–	2	–	1	2	5	1	2	5	8	23	41	71
Of esophagus (150)	9,719	–	–	–	–	–	–	–	–	–	1	6	14	59
All races, male	7,213	–	–	–	–	–	–	–	–	–	1	6	11	50
All races, female	2,506	–	–	–	–	–	–	–	–	–	–	–	3	9
White, male	5,661	–	–	–	–	–	–	–	–	–	1	5	10	30
White, female	1,938	–	–	–	–	–	–	–	–	–	–	–	2	6
Black, male	1,433	–	–	–	–	–	–	–	–	–	–	–	1	19
Black, female	541	–	–	–	–	–	–	–	–	–	–	–	1	3
Of stomach (151)	14,073	–	–	–	–	–	–	–	–	5	11	40	78	161
All races, male	8,336	–	–	–	–	–	–	–	–	3	7	15	37	97
All races, female	5,737	–	–	–	–	–	–	–	–	2	4	25	41	64
White, male	6,690	–	–	–	–	–	–	–	–	2	4	11	21	65
White, female	4,619	–	–	–	–	–	–	–	–	1	4	15	23	35
Black, male	1,341	–	–	–	–	–	–	–	–	–	3	4	13	28
Black, female	917	–	–	–	–	–	–	–	–	1	–	9	14	16
Of small intestine, including duodenum (152)	948	–	–	–	–	–	–	–	–	–	1	4	6	22
All races, male	492	–	–	–	–	–	–	–	–	–	–	1	4	13
All races, female	456	–	–	–	–	–	–	–	–	–	1	3	2	9
White, male	411	–	–	–	–	–	–	–	–	–	–	1	3	9
White, female	388	–	–	–	–	–	–	–	–	–	1	3	1	6
Black, male	73	–	–	–	–	–	–	–	–	–	–	–	1	3
Black, female	62	–	–	–	–	–	–	–	–	–	–	–	1	3
Of colon (153)	48,705	–	–	–	–	–	–	–	–	9	24	92	171	347
All races, male	23,923	–	–	–	–	–	–	–	–	4	16	45	85	194
All races, female	24,782	–	–	–	–	–	–	–	–	5	8	47	86	153
White, male	21,165	–	–	–	–	–	–	–	–	4	8	31	60	152
White, female	21,731	–	–	–	–	–	–	–	–	3	7	36	65	122
Black, male	2,468	–	–	–	–	–	–	–	–	–	6	14	18	38
Black, female	2,793	–	–	–	–	–	–	–	–	2	1	10	20	26
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	254	–	–	–	–	–	–	–	–	1	–	–	–	1
All races, male	114	–	–	–	–	–	–	–	–	1	–	–	–	–
All races, female	140	–	–	–	–	–	–	–	–	–	–	–	–	1
White, male	98	–	–	–	–	–	–	–	–	1	–	–	–	–
White, female	116	–	–	–	–	–	–	–	–	–	–	–	–	1
Black, male	16	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	20	–	–	–	–	–	–	–	–	–	–	–	–	–
Descending colon (153.2)	231	–	–	–	–	–	–	–	–	–	–	–	–	4
All races, male	116	–	–	–	–	–	–	–	–	–	–	–	–	3
All races, female	115	–	–	–	–	–	–	–	–	–	–	–	–	1
White, male	100	–	–	–	–	–	–	–	–	–	–	–	–	3
White, female	89	–	–	–	–	–	–	–	–	–	–	–	–	1
Black, male	11	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	24	–	–	–	–	–	–	–	–	–	–	–	–	–
Sigmoid colon (153.3)	1,071	–	–	–	–	–	–	–	–	–	–	1	7	7
All races, male	551	–	–	–	–	–	–	–	–	–	–	–	3	5
All races, female	520	–	–	–	–	–	–	–	–	–	–	1	4	2
White, male	499	–	–	–	–	–	–	–	–	–	–	–	2	4
White, female	463	–	–	–	–	–	–	–	–	–	–	1	3	1
Black, male	39	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	50	–	–	–	–	–	–	–	–	–	–	–	1	1
Cecum, appendix, and ascending colon (153.4-153.6)	1,774	–	–	–	–	–	–	–	–	–	–	2	8	10
All races, male	772	–	–	–	–	–	–	–	–	–	–	2	3	4
All races, female	1,002	–	–	–	–	–	–	–	–	–	–	–	5	6
White, male	683	–	–	–	–	–	–	–	–	–	–	2	3	4
White, female	880	–	–	–	–	–	–	–	–	–	–	–	1	5
Black, male	75	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	106	–	–	–	–	–	–	–	–	–	–	–	3	–

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Malignant neoplasms of lip, oral cavity, and pharynx-Con.														
Of tongue (141)	42	78	134	202	276	306	265	234	149	88	39	18	2	-
All races, male	35	61	107	159	211	213	168	135	68	38	13	7	1	-
All races, female	7	17	27	43	65	93	97	99	81	50	26	11	1	-
White, male	22	39	70	114	173	178	158	123	60	35	11	6	1	-
White, female	6	9	20	28	57	77	92	92	78	49	25	10	1	-
Black, male	12	21	34	44	37	32	9	11	7	3	1	1	-	-
Black, female	1	7	6	14	7	16	5	5	1	-	1	1	-	-
Of pharynx (146-149.0)	100	191	274	465	667	659	615	433	290	141	60	8	3	-
All races, male	81	157	210	351	515	474	416	273	182	83	20	3	1	-
All races, female	19	34	64	114	152	185	199	160	108	58	40	5	2	-
White, male	41	92	143	256	395	375	349	242	158	75	17	3	1	-
White, female	9	18	47	85	121	164	174	154	96	53	38	3	2	-
Black, male	34	56	58	87	105	84	57	25	21	7	2	-	-	-
Black, female	8	10	15	21	29	18	21	4	9	4	2	1	-	-
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	59	91	155	206	309	336	343	308	260	184	100	31	5	-
All races, male	43	76	110	148	219	222	193	158	139	89	42	8	1	-
All races, female	16	15	45	58	90	114	150	150	121	95	58	23	4	-
White, male	29	51	81	114	188	191	177	143	124	83	41	8	1	-
White, female	14	8	35	51	73	98	133	143	116	88	53	23	4	-
Black, male	14	25	29	33	28	29	14	15	12	5	1	-	-	-
Black, female	2	7	10	7	16	14	15	6	5	6	5	-	-	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	1,738	3,037	4,893	7,635	12,434	17,416	19,235	19,633	16,274	10,495	4,719	1,345	173	6
All races, male	1,064	1,867	3,074	4,774	7,568	10,326	10,813	10,176	7,349	4,022	1,478	345	39	5
All races, female	674	1,170	1,819	2,861	4,866	7,090	8,422	9,457	8,925	6,473	3,241	1,000	134	1
White, male	831	1,412	2,341	3,843	6,330	8,862	9,443	8,935	6,559	3,589	1,330	296	32	3
White, female	501	900	1,413	2,237	4,014	5,981	7,251	8,334	7,997	5,866	2,971	924	109	-
Black, male	188	390	614	807	1,060	1,258	1,169	1,052	676	361	129	43	6	2
Black, female	146	231	339	533	755	983	1,039	1,013	837	558	244	72	25	1
Of esophagus (150)	169	341	623	939	1,456	1,752	1,579	1,268	823	466	177	40	6	-
All races, male	147	298	518	749	1,122	1,352	1,186	887	532	257	77	18	2	-
All races, female	22	43	105	190	334	400	393	381	291	209	100	22	4	-
White, male	103	183	331	522	855	1,095	986	756	465	230	73	14	2	-
White, female	6	22	62	111	235	290	318	332	249	189	92	21	3	-
Black, male	40	113	179	219	246	241	178	111	58	20	4	4	-	-
Black, female	16	19	43	75	98	105	71	48	35	17	8	1	1	-
Of stomach (151)	299	420	639	892	1,371	1,877	2,194	2,292	1,790	1,245	568	158	32	1
All races, male	200	275	442	628	895	1,252	1,401	1,329	938	544	214	50	8	1
All races, female	99	145	197	264	476	625	793	963	852	701	354	108	24	-
White, male	157	190	324	487	711	1,032	1,134	1,082	790	458	179	35	7	1
White, female	70	107	146	188	372	489	643	792	735	602	291	93	13	-
Black, male	35	70	97	121	149	187	214	188	123	65	28	15	1	-
Black, female	19	29	35	56	89	109	123	146	106	90	51	13	11	-
Of small intestine, including duodenum (152)	24	41	54	68	97	143	154	138	103	55	25	12	1	-
All races, male	10	26	41	38	60	63	85	77	47	16	7	4	-	-
All races, female	14	15	13	30	37	80	69	61	56	39	18	8	1	-
White, male	9	20	32	31	54	60	72	60	39	13	6	2	-	-
White, female	10	12	8	24	31	65	61	55	52	37	15	6	1	-
Black, male	1	6	9	6	6	2	10	15	8	3	1	2	-	-
Black, female	4	3	5	6	6	13	7	4	4	2	2	2	-	-
Of colon (153)	590	1,014	1,671	2,683	4,527	6,643	7,565	8,247	7,231	4,848	2,300	668	71	4
All races, male	308	522	908	1,503	2,556	3,727	4,023	4,121	3,196	1,828	706	162	16	3
All races, female	282	492	763	1,180	1,971	2,916	3,542	4,126	4,035	3,020	1,594	506	55	1
White, male	256	432	757	1,277	2,231	3,275	3,626	3,691	2,906	1,654	645	148	11	1
White, female	214	384	591	957	1,673	2,499	3,116	3,654	3,645	2,761	1,492	465	47	-
Black, male	46	81	134	207	290	401	357	387	261	158	52	12	4	2
Black, female	57	98	150	194	276	378	388	444	360	243	96	41	8	1
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	3	2	10	10	23	26	35	43	35	34	24	6	1	-
All races, male	1	2	5	7	10	12	16	21	17	11	9	1	1	-
All races, female	2	-	5	3	13	14	19	22	18	23	15	5	-	-
White, male	1	2	2	7	10	10	15	19	14	8	8	1	-	-
White, female	-	-	4	1	12	11	16	18	16	20	13	4	-	-
Black, male	-	-	3	-	-	2	1	2	3	3	1	-	1	-
Black, female	2	-	1	1	-	2	3	4	1	3	2	1	-	-
Descending colon (153.2)	3	4	1	7	14	39	42	35	38	29	13	2	-	-
All races, male	1	2	1	2	9	21	24	17	20	14	2	-	-	-
All races, female	2	2	-	5	5	18	18	18	18	15	11	2	-	-
White, male	1	1	1	1	5	17	21	14	20	14	2	-	-	-
White, female	-	1	-	3	4	15	15	13	15	13	8	1	-	-
Black, male	-	1	-	1	3	3	3	-	-	-	-	-	-	-
Black, female	2	1	-	2	1	3	3	4	2	2	3	1	-	-
Sigmoid colon (153.3)	12	22	30	49	90	138	151	185	178	119	65	15	2	-
All races, male	6	12	15	27	61	79	88	105	73	53	21	2	1	-
All races, female	6	10	15	22	29	59	63	80	105	66	44	13	1	-
White, male	6	10	14	22	54	73	78	99	66	49	19	2	1	-
White, female	5	10	13	20	25	50	52	72	95	62	41	12	1	-
Black, male	-	2	1	3	5	4	9	5	5	4	1	-	-	-
Black, female	-	-	1	2	4	8	9	8	9	3	3	1	-	-
Cecum, appendix, and ascending colon (153.4-153.6)	27	40	52	76	120	186	248	302	281	251	123	47	1	-
All races, male	15	20	23	43	57	99	117	144	113	88	38	6	-	-
All races, female	12	20	29	33	63	87	131	158	168	163	85	41	1	-
White, male	15	20	20	36	47	91	106	123	100	76	35	5	-	-
White, female	12	14	22	29	53	73	118	135	151	151	79	37	-	-
Black, male	-	-	2	7	9	6	10	17	10	11	2	1	-	-
Black, female	-	5	5	4	9	12	11	20	16	11	5	4	1	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 11 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Of colon-Con.														
Other and colon, unspecified (153.8-153.9)	45,375	-	-	-	-	-	-	-	-	8	24	89	156	325
All races, male	22,370	-	-	-	-	-	-	-	-	3	16	43	79	182
All races, female	23,005	-	-	-	-	-	-	-	-	5	8	46	77	143
White, male	19,765	-	-	-	-	-	-	-	-	3	8	29	55	141
White, female	20,183	-	-	-	-	-	-	-	-	3	7	35	61	114
Black, male	2,327	-	-	-	-	-	-	-	-	-	6	14	18	38
Black, female	2,593	-	-	-	-	-	-	-	-	2	1	10	16	25
Of rectum, rectosigmoid junction, and anus (154)	7,820	-	-	-	-	-	-	-	-	3	2	16	32	73
All races, male	4,250	-	-	-	-	-	-	-	-	2	2	10	22	43
All races, female	3,570	-	-	-	-	-	-	-	-	1	-	6	10	30
White, male	3,778	-	-	-	-	-	-	-	-	2	1	7	17	27
White, female	3,184	-	-	-	-	-	-	-	-	-	-	4	9	22
Black, male	395	-	-	-	-	-	-	-	-	-	1	2	4	15
Black, female	342	-	-	-	-	-	-	-	-	-	-	2	1	6
Of liver and intrahepatic bile ducts (155)	8,511	7	8	3	7	6	31	5	7	13	21	18	60	105
All races, male	5,161	4	4	2	5	3	18	4	3	8	9	10	46	70
All races, female	3,350	3	4	1	2	3	13	1	4	5	12	8	14	35
White, male	4,124	4	3	-	4	3	14	4	1	7	4	5	28	33
White, female	2,775	3	2	1	1	2	9	1	3	4	9	5	11	25
Black, male	653	-	1	1	1	-	3	-	2	1	5	2	10	16
Black, female	438	-	2	-	1	1	4	-	1	1	3	2	2	6
Liver, primary (155.0)	4,128	6	8	3	7	6	30	5	5	12	18	10	37	69
All races, male	2,814	3	4	2	5	3	17	4	3	8	7	6	26	47
All races, female	1,314	3	4	1	2	3	13	1	2	4	11	4	11	22
White, male	2,176	3	3	-	4	3	13	4	1	7	3	5	15	18
White, female	1,070	3	2	1	1	2	9	1	2	3	8	2	8	17
Black, male	370	-	1	1	1	-	3	-	2	1	4	-	7	11
Black, female	168	-	2	-	1	1	4	-	-	1	3	1	2	3
Intrahepatic bile ducts (155.1)	1,338	-	-	-	-	-	-	-	-	-	-	2	6	16
All races, male	682	-	-	-	-	-	-	-	-	-	-	-	4	10
All races, female	656	-	-	-	-	-	-	-	-	-	-	2	2	6
White, male	598	-	-	-	-	-	-	-	-	-	-	-	4	8
White, female	580	-	-	-	-	-	-	-	-	-	-	2	2	3
Black, male	47	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	61	-	-	-	-	-	-	-	-	-	-	-	-	2
Liver, not specified as primary or secondary (155.2)	3,045	1	-	-	-	-	1	-	2	1	3	6	17	20
All races, male	1,665	1	-	-	-	-	1	-	-	-	2	4	16	13
All races, female	1,380	-	-	-	-	-	-	-	2	1	1	2	1	7
White, male	1,350	1	-	-	-	-	1	-	-	-	1	-	9	7
White, female	1,125	-	-	-	-	-	-	-	1	1	1	1	1	5
Black, male	236	-	-	-	-	-	-	-	-	-	1	2	3	5
Black, female	209	-	-	-	-	-	-	-	1	-	-	1	-	1
Of gallbladder and extrahepatic bile ducts (156)	3,857	1	-	-	-	-	1	-	-	1	-	2	5	11
All races, male	1,396	-	-	-	-	-	-	-	-	1	-	2	2	5
All races, female	2,461	1	-	-	-	-	1	-	-	-	-	-	3	6
White, male	1,256	-	-	-	-	-	-	-	-	-	-	1	2	4
White, female	2,230	1	-	-	-	-	1	-	-	-	-	-	3	5
Black, male	104	-	-	-	-	-	-	-	-	1	-	-	-	1
Black, female	177	-	-	-	-	-	-	-	-	-	-	-	-	-
Of pancreas (157)	25,082	-	-	-	-	-	-	2	1	2	6	18	46	151
All races, male	12,199	-	-	-	-	-	-	-	-	-	2	12	33	100
All races, female	12,883	-	-	-	-	-	-	2	1	2	4	6	13	51
White, male	10,582	-	-	-	-	-	-	-	-	-	1	11	31	69
White, female	11,146	-	-	-	-	-	-	1	-	1	1	6	10	41
Black, male	1,442	-	-	-	-	-	-	-	-	-	1	1	1	29
Black, female	1,581	-	-	-	-	-	-	1	1	1	3	-	2	10
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	2,050	-	-	-	-	1	1	-	-	1	7	8	13	21
All races, male	950	-	-	-	-	-	-	-	-	1	4	5	6	11
All races, female	1,100	-	-	-	-	1	1	-	-	-	3	1	7	10
White, male	848	-	-	-	-	-	-	-	-	1	4	5	4	9
White, female	1,004	-	-	-	-	-	-	-	-	-	2	1	7	6
Black, male	92	-	-	-	-	-	-	-	-	-	-	-	2	1
Black, female	81	-	-	-	-	1	1	-	-	-	1	-	-	1
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	146,386	4	2	-	1	-	7	7	6	13	27	74	266	767
All races, male	94,950	3	2	-	-	-	5	4	2	7	22	43	171	459
All races, female	51,436	1	-	-	1	-	2	3	4	6	5	31	95	308
White, male	82,714	2	1	-	-	-	3	3	1	5	14	35	120	347
White, female	46,213	1	-	-	1	-	2	3	3	5	3	24	75	240
Black, male	11,219	1	1	-	-	-	2	-	1	1	8	8	46	106
Black, female	4,694	-	-	-	-	-	-	-	1	1	2	6	16	62
Of larynx (161)	3,710	-	-	-	-	-	-	-	1	-	-	1	5	17
All races, male	2,977	-	-	-	-	-	-	-	-	-	-	-	4	12
All races, female	733	-	-	-	-	-	-	-	1	-	-	1	1	5
White, male	2,448	-	-	-	-	-	-	-	-	-	-	-	4	7
White, female	598	-	-	-	-	-	-	-	1	-	-	1	1	4
Black, male	499	-	-	-	-	-	-	-	-	-	-	-	-	5
Black, female	132	-	-	-	-	-	-	-	-	-	-	-	-	1
Of trachea, bronchus, and lung (162)	141,285	3	1	-	-	-	4	2	3	8	13	65	239	721
All races, male	91,091	2	1	-	-	-	3	-	2	4	11	38	154	425
All races, female	50,194	1	-	-	-	-	1	2	1	4	2	27	85	296
White, male	79,488	1	-	-	-	-	1	-	1	2	10	30	105	321
White, female	45,162	1	-	-	-	-	1	2	1	3	2	20	69	229
Black, male	10,632	1	1	-	-	-	2	-	1	1	1	8	44	98
Black, female	4,512	-	-	-	-	-	-	-	-	1	-	6	14	61

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 12 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Of colon-Con.														
Other and colon, unspecified (153.8-153.9)	545	946	1,578	2,541	4,280	6,254	7,089	7,682	6,699	4,415	2,075	598	67	4
All races, male	285	486	864	1,424	2,419	3,516	3,778	3,834	2,973	1,662	636	153	14	3
All races, female	260	460	714	1,117	1,861	2,738	3,311	3,848	3,726	2,753	1,439	445	53	1
White, male	233	399	720	1,211	2,115	3,084	3,406	3,436	2,706	1,507	581	140	10	1
White, female	197	359	552	904	1,579	2,350	2,915	3,416	3,368	2,515	1,351	411	46	-
Black, male	46	78	128	196	273	386	334	363	243	140	48	11	3	2
Black, female	53	92	143	185	262	353	362	408	332	224	83	34	7	1
Of rectum, rectosigmoid junction, and anus (154)	121	194	347	496	816	1,116	1,190	1,192	1,017	726	347	117	15	-
All races, male	61	123	218	322	515	671	682	666	474	292	114	28	5	-
All races, female	60	71	129	174	301	445	508	526	543	434	233	89	10	-
White, male	51	99	172	286	459	598	622	609	432	260	106	25	5	-
White, female	49	56	109	139	261	383	453	489	501	400	216	85	8	-
Black, male	7	20	40	30	46	59	50	49	36	26	8	2	-	-
Black, female	10	14	16	33	29	57	52	35	35	30	16	4	2	-
Of liver and intrahepatic bile ducts (155)	186	262	403	602	997	1,287	1,401	1,295	982	566	206	57	7	-
All races, male	127	175	283	422	672	825	871	755	513	244	82	21	3	-
All races, female	59	87	120	180	325	462	530	540	469	322	124	36	4	-
White, male	81	114	186	305	506	683	748	656	441	217	72	17	2	-
White, female	36	65	90	139	247	385	440	477	403	283	109	32	2	-
Black, male	28	34	43	64	107	91	89	78	47	21	8	3	1	-
Black, female	19	14	16	25	55	65	75	50	51	32	12	3	2	-
Liver, primary (155.0)	109	140	214	346	541	677	674	612	382	179	49	16	3	-
All races, male	75	96	165	259	395	472	482	390	244	87	21	8	2	-
All races, female	34	44	49	87	146	205	192	222	138	92	28	8	1	-
White, male	41	55	96	181	287	380	418	341	210	76	18	6	1	-
White, female	22	35	41	64	111	163	157	194	115	85	26	7	-	-
Black, male	21	22	25	38	70	54	40	36	22	8	3	2	1	-
Black, female	9	6	-	12	20	34	27	19	18	7	-	1	1	-
Intrahepatic bile ducts (155.1)	24	38	69	95	142	197	225	209	164	102	44	5	-	-
All races, male	19	22	43	48	85	98	114	97	78	40	22	2	-	-
All races, female	5	16	26	47	57	99	111	112	86	62	22	3	-	-
White, male	15	20	35	38	74	84	103	88	69	37	21	2	-	-
White, female	5	12	21	40	48	88	99	101	80	55	21	3	-	-
Black, male	3	1	3	7	7	8	7	4	4	2	1	-	-	-
Black, female	-	2	4	5	6	10	11	11	4	5	1	-	-	-
Liver, not specified as primary or secondary (155.2)	53	84	120	161	314	413	502	474	436	285	113	36	4	-
All races, male	33	57	75	115	192	255	275	268	191	117	39	11	1	-
All races, female	20	27	45	46	122	158	227	206	245	168	74	25	3	-
White, male	25	39	55	86	145	219	227	227	162	104	33	9	1	-
White, female	9	18	28	35	88	134	184	182	208	143	62	22	2	-
Black, male	4	11	15	19	30	29	42	38	21	11	4	1	-	-
Black, female	10	6	12	8	29	21	37	20	29	20	11	2	1	-
Of gallbladder and extrahepatic bile ducts (156)	35	70	127	200	306	503	631	726	588	412	176	57	6	-
All races, male	12	21	57	72	119	210	259	270	198	110	44	14	-	-
All races, female	23	49	70	128	187	293	372	456	390	302	132	43	6	-
White, male	10	17	48	63	102	183	229	250	187	104	43	13	-	-
White, female	22	43	59	102	163	269	334	418	361	281	122	42	5	-
Black, male	2	3	7	9	16	15	22	16	7	4	1	-	-	-
Black, female	1	5	8	17	21	17	27	28	24	20	8	-	1	-
Of pancreas (157)	292	647	967	1,663	2,693	3,871	4,218	4,147	3,401	1,940	804	188	24	1
All races, male	187	395	570	986	1,537	2,096	2,152	1,929	1,311	640	204	40	4	1
All races, female	105	252	397	677	1,156	1,775	2,066	2,218	2,090	1,300	600	148	20	-
White, male	155	327	462	825	1,332	1,824	1,886	1,700	1,171	570	178	35	4	1
White, female	84	196	325	540	963	1,517	1,751	1,949	1,866	1,181	553	141	20	-
Black, male	27	61	98	145	189	247	235	198	125	56	25	4	-	-
Black, female	20	48	64	126	171	232	283	241	210	115	46	7	-	-
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	22	48	62	92	171	224	303	328	339	237	116	48	11	-
All races, male	12	32	37	54	92	130	154	142	140	91	30	8	1	-
All races, female	10	16	25	38	79	94	149	186	199	146	86	40	10	-
White, male	9	30	29	47	80	112	140	131	128	83	28	7	1	-
White, female	10	15	23	37	69	84	135	168	185	132	81	39	10	-
Black, male	2	2	7	6	11	15	14	10	11	8	2	1	-	-
Black, female	-	1	2	1	10	7	13	17	12	9	5	1	-	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	1,936	4,344	7,892	13,432	21,730	27,245	26,544	21,686	12,765	5,549	1,692	356	43	5
All races, male	1,223	2,705	5,002	8,817	14,338	17,990	17,374	14,048	8,211	3,410	917	181	18	3
All races, female	713	1,639	2,890	4,615	7,392	9,255	9,170	7,638	4,554	2,139	775	175	25	2
White, male	918	2,109	4,038	7,297	12,316	15,727	15,506	12,668	7,499	3,091	848	156	11	2
White, female	580	1,392	2,457	3,967	6,508	8,363	8,406	7,078	4,240	1,972	715	159	20	1
Black, male	287	560	909	1,419	1,896	2,059	1,705	1,222	634	269	61	20	5	1
Black, female	118	224	391	589	804	821	681	488	273	146	52	13	5	1
Of larynx (161)	55	114	269	372	611	701	624	473	280	129	45	11	1	1
All races, male	45	97	224	303	481	552	498	369	236	109	38	8	-	1
All races, female	10	17	45	69	130	149	126	104	44	20	7	3	1	-
White, male	25	59	154	235	388	467	431	326	216	98	33	4	-	1
White, female	5	12	26	46	107	127	110	87	42	20	6	3	-	-
Black, male	19	38	89	64	87	81	61	37	19	10	5	4	-	-
Black, female	5	5	19	23	21	22	15	17	2	-	1	-	1	-
Of trachea, bronchus, and lung (162)	1,843	4,179	7,556	12,972	20,943	26,330	25,709	21,020	12,346	5,343	1,609	336	40	4
All races, male	1,151	2,573	4,733	8,458	13,736	17,295	16,736	13,561	7,892	3,263	868	169	17	2
All races, female	692	1,606	2,823	4,514	7,207	9,035	8,973	7,459	4,454	2,080	741	167	23	2
White, male	870	2,023	3,844	7,015	11,819	15,134	14,951	12,232	7,206	2,960	805	148	10	1
White, female	567	1,370	2,412	3,893	6,354	8,171	8,231	6,922	4,146	1,914	683	152	19	1
Black, male	266	514	836	1,352	1,797	1,962	1,630	1,178	610	255	55	16	5	1
Black, female	110	214	370	562	776	793	660	466	267	145	50	12	4	1

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Malignant neoplasms of respiratory and intrathoracic organs-Con.														
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	1,391	1	1	–	1	–	3	5	2	5	14	8	22	29
All races, male	882	1	1	–	–	–	2	4	–	3	11	5	13	22
All races, female	509	–	–	–	1	–	1	1	2	2	3	3	9	7
White, male	778	1	1	–	–	–	2	3	–	3	4	5	11	19
White, female	453	–	–	–	1	–	1	1	1	2	1	3	5	7
Black, male	88	–	–	–	–	–	–	–	–	–	7	–	2	3
Black, female	50	–	–	–	–	–	–	–	1	–	2	–	2	–
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	56,503	8	5	7	9	5	34	46	84	150	212	376	922	1,730
All races, male	7,779	6	3	2	3	3	17	21	35	83	131	157	264	326
All races, female	48,724	2	2	5	6	2	17	25	49	67	81	219	658	1,404
White, male	7,204	4	1	1	1	2	9	16	27	68	109	137	244	299
White, female	43,190	1	2	4	4	2	13	23	41	53	68	169	518	1,111
Black, male	506	2	1	1	2	1	7	3	6	10	21	19	18	23
Black, female	5,038	1	–	1	1	–	3	2	8	13	12	48	131	259
Of bone and articular cartilage (170)	1,086	2	–	2	1	1	6	13	50	77	73	37	43	37
All races, male	587	1	–	–	–	1	2	5	23	45	49	28	25	21
All races, female	499	1	–	2	1	–	4	8	27	32	24	9	18	16
White, male	494	1	–	–	–	1	2	4	18	37	41	25	18	18
White, female	439	1	–	1	1	–	3	8	23	27	23	8	13	16
Black, male	77	–	–	–	–	–	–	–	3	6	7	3	6	3
Black, female	53	–	–	1	–	–	1	–	4	5	1	1	4	–
Of connective and other soft tissue (171)	3,164	6	4	5	8	4	27	32	31	59	80	88	117	128
All races, male	1,520	5	2	2	3	2	14	16	11	32	49	51	66	61
All races, female	1,644	1	2	3	5	2	13	16	20	27	31	37	51	67
White, male	1,325	3	1	1	1	1	7	12	8	26	38	39	57	48
White, female	1,405	–	2	3	3	2	10	14	16	19	25	26	40	49
Black, male	168	2	1	1	2	1	7	3	3	4	11	12	8	11
Black, female	213	1	–	–	1	–	2	2	4	7	5	10	9	12
Melanoma of skin (172)	6,420	–	1	–	–	–	1	1	2	11	41	109	205	326
All races, male	3,844	–	1	–	–	–	1	–	–	6	29	58	127	207
All races, female	2,576	–	–	–	–	–	–	1	2	5	12	51	78	119
White, male	3,778	–	–	–	–	–	–	–	–	5	28	55	127	204
White, female	2,512	–	–	–	–	–	–	1	2	5	11	50	77	116
Black, male	51	–	–	–	–	–	–	–	–	–	1	2	–	1
Black, female	*55*	–	–	–	–	–	–	–	–	–	1	1	–	1
Other malignant neoplasms of skin (173)	2,170	–	–	–	–	–	–	–	1	2	4	20	50	39
All races, male	1,556	–	–	–	–	–	–	–	1	–	3	20	46	36
All races, female	614	–	–	–	–	–	–	–	–	2	1	–	4	3
White, male	1,380	–	–	–	–	–	–	–	1	–	2	18	42	28
White, female	548	–	–	–	–	–	–	–	–	2	–	–	3	–
Black, male	166	–	–	–	–	–	–	–	–	–	1	2	4	8
Black, female	58	–	–	–	–	–	–	–	–	–	1	–	1	2
Of female breast (174)	43,391	–	–	–	–	–	–	–	–	1	13	122	507	1,199
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	43,391	–	–	–	–	–	–	–	–	1	13	122	507	1,199
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	38,286	–	–	–	–	–	–	–	–	–	9	85	385	930
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	4,659	–	–	–	–	–	–	–	–	1	4	36	117	244
Of male breast (175)	272	–	–	–	–	–	–	–	–	–	1	–	–	1
All races, male	272	–	–	–	–	–	–	–	–	–	1	–	–	1
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	227	–	–	–	–	–	–	–	–	–	–	–	–	1
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	44	–	–	–	–	–	–	–	–	–	1	–	–	–
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malignant neoplasms of genital organs (179-187)	57,487	2	–	–	–	–	2	–	5	25	82	185	398	620
All races, male	32,929	2	–	–	–	–	2	–	–	13	38	57	70	67
All races, female	24,558	–	–	–	–	–	–	–	5	12	44	128	328	553
White, male	27,412	1	–	–	–	–	1	–	–	12	37	53	65	61
White, female	21,223	–	–	–	–	–	–	–	4	7	36	99	248	449
Black, male	5,226	1	–	–	–	–	1	–	–	–	1	2	5	6
Black, female	2,969	–	–	–	–	–	–	–	–	4	6	24	69	89
Of cervix uteri (180)	4,627	–	–	–	–	–	–	–	–	1	20	75	228	352
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	4,627	–	–	–	–	–	–	–	–	1	20	75	228	352
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	3,511	–	–	–	–	–	–	–	–	–	19	60	166	272
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	972	–	–	–	–	–	–	–	–	1	1	12	55	70
Of other parts of uterus (179,181-182)	6,052	–	–	–	–	–	–	–	–	3	3	6	22	40
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	6,052	–	–	–	–	–	–	–	–	3	3	6	22	40
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	5,083	–	–	–	–	–	–	–	–	2	1	5	15	37
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	899	–	–	–	–	–	–	–	–	1	2	1	6	3
Of ovary and other uterine adnexa (183)	12,762	–	–	–	–	–	–	–	5	8	20	42	74	150
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	12,762	–	–	–	–	–	–	–	5	8	20	42	74	150
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	11,646	–	–	–	–	–	–	–	4	5	15	32	64	130
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	975	–	–	–	–	–	–	–	–	2	3	8	7	15

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Malignant neoplasms of respiratory and intrathoracic organs-Con.														
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	38	51	67	88	176	214	211	193	139	77	38	9	2	-
All races, male	27	35	45	56	121	143	140	118	83	38	11	4	1	-
All races, female	11	16	22	32	55	71	71	75	56	39	27	5	1	-
White, male	23	27	40	47	109	126	124	110	77	33	10	4	1	-
White, female	8	10	19	28	47	65	65	69	52	38	26	4	1	-
Black, male	2	8	4	3	12	16	14	7	5	4	1	-	-	-
Black, female	3	5	2	4	7	6	6	5	4	1	1	1	-	-
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	2,833	3,337	3,983	4,880	6,273	7,380	7,090	6,557	5,077	3,363	1,591	490	92	3
All races, male	414	458	476	685	865	937	949	821	562	384	144	41	8	1
All races, female	2,419	2,879	3,507	4,195	5,408	6,443	6,141	5,736	4,515	2,979	1,447	449	84	2
White, male	390	424	422	627	802	865	901	781	529	367	140	39	8	-
White, female	2,013	2,411	2,956	3,580	4,774	5,798	5,626	5,265	4,180	2,764	1,349	404	72	2
Black, male	24	30	45	57	56	65	42	35	24	14	4	2	-	1
Black, female	357	404	490	549	584	590	479	439	320	208	94	38	10	-
Of bone and articular cartilage (170)	27	36	48	54	88	100	134	92	85	52	23	10	1	-
All races, male	16	25	33	35	43	54	70	49	31	21	7	4	1	-
All races, female	11	11	15	19	45	46	64	43	54	31	16	6	-	-
White, male	12	23	26	29	37	48	60	41	27	18	6	3	1	-
White, female	8	9	10	16	37	43	57	40	51	31	13	3	-	-
Black, male	4	1	6	6	4	5	10	6	3	2	1	1	-	-
Black, female	3	2	5	2	6	3	6	2	3	-	3	2	-	-
Of connective and other soft tissue (171)	151	152	169	225	296	381	382	336	264	169	59	15	3	-
All races, male	79	82	79	125	134	182	174	159	114	68	21	3	-	-
All races, female	72	70	90	100	162	199	208	177	150	101	38	12	3	-
White, male	73	75	61	117	119	153	160	143	103	63	21	2	-	-
White, female	63	62	78	83	132	170	191	154	134	93	35	9	2	-
Black, male	6	5	16	7	12	25	12	14	7	4	-	1	-	-
Black, female	8	6	12	15	29	28	15	21	15	7	3	2	1	-
Melanoma of skin (172)	426	436	438	545	695	751	784	666	488	313	147	30	4	1
All races, male	265	267	270	349	464	468	472	401	245	153	51	9	1	1
All races, female	161	169	168	196	231	283	312	265	243	160	96	21	3	-
White, male	264	264	265	345	458	460	464	393	239	148	49	9	1	-
White, female	159	168	165	191	222	272	305	257	237	156	94	21	3	-
Black, male	1	2	3	4	6	8	5	7	3	5	2	-	-	1
Black, female	1	1	3	5	7	9	6	8	6	4	2	-	-	-
Other malignant neoplasms of skin (173)	49	83	103	179	237	262	266	251	224	207	120	60	13	-
All races, male	45	68	77	153	185	190	190	176	148	133	56	24	5	-
All races, female	4	15	26	26	52	72	76	75	76	74	64	36	8	-
White, male	34	51	56	119	156	168	181	169	140	131	55	24	5	-
White, female	2	11	19	20	44	66	72	70	72	68	60	33	6	-
Black, male	11	17	17	34	28	20	8	7	7	1	1	-	-	-
Black, female	2	4	5	5	8	6	4	5	4	6	4	-	1	-
Of female breast (174)	2,171	2,614	3,208	3,854	4,918	5,843	5,481	5,176	3,992	2,613	1,233	374	70	2
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	2,171	2,614	3,208	3,854	4,918	5,843	5,481	5,176	3,992	2,613	1,233	374	70	2
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	1,781	2,161	2,684	3,270	4,339	5,247	5,001	4,744	3,686	2,416	1,147	338	61	2
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	343	391	465	522	534	544	448	403	292	191	82	34	8	-
Of male breast (175)	9	16	17	23	39	43	43	36	24	9	9	1	1	-
All races, male	9	16	17	23	39	43	43	36	24	9	9	1	1	-
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	7	11	14	17	32	36	36	35	20	7	9	1	1	-
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	2	5	3	6	6	7	7	1	4	2	-	-	-	-
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malignant neoplasms of genital organs (179-187)	885	1,172	1,670	2,632	4,613	7,514	9,452	10,349	9,050	5,803	2,366	587	74	3
All races, male	52	77	275	795	1,979	3,959	5,808	6,940	6,486	4,164	1,707	392	46	2
All races, female	833	1,095	1,395	1,837	2,634	3,555	3,644	3,409	2,564	1,639	659	195	28	1
White, male	48	65	218	593	1,559	3,194	4,814	5,802	5,499	3,567	1,471	317	34	2
White, female	662	901	1,167	1,539	2,229	3,076	3,211	3,040	2,281	1,481	593	175	24	1
Black, male	4	11	51	197	403	727	951	1,071	929	559	223	73	12	-
Black, female	143	160	195	263	353	429	388	345	269	149	61	18	4	-
Of cervix uteri (180)	428	411	421	395	446	449	421	339	341	192	74	29	5	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	428	411	421	395	446	449	421	339	341	192	74	29	5	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	316	292	307	296	323	341	327	266	276	163	59	23	5	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	97	99	97	86	104	95	85	65	60	26	14	5	-	-
Of other parts of uterus (179,181-182)	85	119	215	351	599	969	1,067	1,032	763	481	216	69	11	1
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	85	119	215	351	599	969	1,067	1,032	763	481	216	69	11	1
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	66	98	175	273	467	807	901	884	670	416	195	62	8	1
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	13	17	35	70	121	150	153	143	90	65	20	6	3	-
Of ovary and other uterine adnexa (183)	307	548	723	1,027	1,510	2,015	2,023	1,857	1,294	796	286	69	8	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	307	548	723	1,027	1,510	2,015	2,023	1,857	1,294	796	286	69	8	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	270	495	654	920	1,379	1,828	1,861	1,728	1,186	741	262	64	8	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	30	43	58	95	113	162	141	120	103	49	21	5	-	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Malignant neoplasms of genital organs-Con.														
Of other and unspecified female genital organs (184)	1,117	-	-	-	-	-	-	-	-	-	1	5	4	11
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	1,117	-	-	-	-	-	-	-	-	-	1	5	4	11
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	983	-	-	-	-	-	-	-	-	-	1	2	3	10
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	123	-	-	-	-	-	-	-	-	-	-	3	1	1
Of prostate (185)	32,378	2	-	-	-	-	2	-	-	1	-	2	2	5
All races, male	32,378	2	-	-	-	-	2	-	-	1	-	2	2	5
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	26,917	1	-	-	-	-	1	-	-	1	-	2	1	1
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	5,181	1	-	-	-	-	1	-	-	-	-	-	1	4
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Of testis (186)	342	-	-	-	-	-	-	-	-	11	38	55	67	58
All races, male	342	-	-	-	-	-	-	-	-	11	38	55	67	58
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	322	-	-	-	-	-	-	-	-	10	37	51	63	57
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	15	-	-	-	-	-	-	-	-	-	1	2	4	1
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Of penis and other male genital organs (187)	209	-	-	-	-	-	-	-	-	1	-	-	1	4
All races, male	209	-	-	-	-	-	-	-	-	1	-	-	1	4
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	173	-	-	-	-	-	-	-	-	1	-	-	1	3
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	30	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malignant neoplasms of urinary organs (188-189)	20,654	-	3	3	5	9	20	25	7	10	14	27	81	114
All races, male	13,181	-	1	1	3	3	8	14	3	-	6	12	46	77
All races, female	7,473	-	2	2	2	6	12	11	4	10	8	15	35	37
White, male	12,047	-	-	1	3	3	7	12	1	-	4	6	31	67
White, female	6,647	-	2	1	2	5	10	10	4	3	6	10	19	26
Black, male	1,029	-	1	-	-	-	1	2	2	-	2	6	14	9
Black, female	763	-	-	1	-	-	1	1	-	7	2	5	16	10
Of bladder (188)	10,341	-	-	-	-	-	-	-	-	-	-	6	18	21
All races, male	6,910	-	-	-	-	-	-	-	-	-	-	2	12	15
All races, female	3,431	-	-	-	-	-	-	-	-	-	-	4	6	6
White, male	6,403	-	-	-	-	-	-	-	-	-	-	1	9	15
White, female	3,027	-	-	-	-	-	-	-	-	-	-	4	6	3
Black, male	466	-	-	-	-	-	-	-	-	-	-	1	3	-
Black, female	381	-	-	-	-	-	-	-	-	-	-	-	-	3
Of kidney and other and unspecified urinary organs (189)	10,313	-	3	3	5	9	20	25	7	10	14	21	63	93
All races, male	6,271	-	1	1	3	3	8	14	3	-	6	10	34	62
All races, female	4,042	-	2	2	2	6	12	11	4	10	8	11	29	31
White, male	5,644	-	-	1	3	3	7	12	1	-	4	5	22	52
White, female	3,620	-	2	1	2	5	10	10	4	3	6	6	13	23
Black, male	563	-	1	-	-	-	1	2	2	-	2	5	11	9
Black, female	382	-	-	1	-	-	1	1	-	7	2	5	16	7
Malignant neoplasms of other and unspecified sites (190-199)	47,381	44	59	45	81	68	297	264	167	145	183	344	548	771
All races, male	24,384	21	28	32	46	36	163	143	88	78	114	204	301	442
All races, female	22,997	23	31	13	35	32	134	121	79	67	69	140	247	329
White, male	21,389	15	21	25	38	30	129	115	76	61	94	170	252	366
White, female	20,343	18	25	13	32	21	109	97	67	55	56	117	192	280
Black, male	2,668	6	7	5	6	5	29	23	11	14	15	28	41	62
Black, female	2,357	4	6	-	3	11	24	20	9	10	11	22	46	44
Of eye (190)	255	-	2	1	5	5	13	3	1	1	2	1	5	4
All races, male	139	-	-	1	3	2	6	2	1	1	1	-	1	1
All races, female	116	-	2	-	2	3	7	1	-	-	1	1	4	3
White, male	132	-	-	-	2	2	4	2	1	1	1	-	1	1
White, female	109	-	1	-	1	2	4	1	-	-	-	1	3	1
Black, male	5	-	-	-	1	-	1	-	-	-	-	-	-	-
Black, female	6	-	1	-	1	1	3	-	-	-	1	-	1	1
Of brain (191)	11,355	20	24	22	35	27	128	187	131	98	117	185	315	404
All races, male	6,192	8	9	16	19	15	67	101	74	54	71	114	181	247
All races, female	5,163	12	15	6	16	12	61	86	57	44	46	71	134	157
White, male	5,769	3	9	14	16	13	55	82	65	44	60	98	164	221
White, female	4,812	10	13	6	15	10	54	69	50	34	39	60	116	147
Black, male	352	5	-	2	1	1	9	16	8	9	8	15	11	20
Black, female	303	1	2	-	1	2	6	13	6	8	6	11	13	9
Of other and unspecified parts of nervous system (192)	275	-	2	3	-	4	9	3	2	10	6	5	6	11
All races, male	147	-	2	1	-	2	5	1	-	7	6	4	4	5
All races, female	128	-	-	2	-	2	4	2	2	3	-	1	2	6
White, male	121	-	2	1	-	2	5	1	-	3	5	4	2	4
White, female	112	-	-	2	-	-	2	2	2	3	-	1	2	5
Black, male	20	-	-	-	-	-	-	-	-	3	1	-	2	1
Black, female	16	-	-	-	-	2	2	-	-	-	-	-	-	1
Of thyroid gland and other endocrine glands and related structures (193-194)	1,709	17	27	16	32	28	120	60	22	10	16	36	25	29
All races, male	721	8	14	12	19	15	68	35	10	4	10	20	12	13
All races, female	988	9	13	4	13	13	52	25	12	6	6	16	13	16
White, male	641	7	8	9	16	11	51	26	8	2	8	20	10	11
White, female	861	7	10	4	12	8	41	20	9	5	6	15	11	15
Black, male	67	1	6	2	3	4	16	7	2	1	1	-	2	1
Black, female	106	2	3	-	1	5	11	5	2	1	-	1	1	1

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Malignant neoplasms of genital organs-Con.														
Of other and unspecified female genital organs (184)	13	17	36	64	79	122	133	181	166	170	83	28	4	–
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	13	17	36	64	79	122	133	181	166	170	83	28	4	–
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	10	16	31	50	60	100	122	162	149	161	77	26	3	–
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	3	1	5	12	15	22	9	17	16	9	6	2	1	–
Of prostate (185)	15	47	257	770	1,955	3,930	5,768	6,894	6,452	4,144	1,696	391	45	2
All races, male	15	47	257	770	1,955	3,930	5,768	6,894	6,452	4,144	1,696	391	45	2
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	14	37	202	571	1,538	3,167	4,782	5,766	5,472	3,550	1,461	316	33	2
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	1	10	50	195	400	725	944	1,063	922	557	223	73	12	–
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Of testis (186)	33	24	10	7	8	7	6	6	9	1	2	–	–	–
All races, male	33	24	10	7	8	7	6	6	9	1	2	–	–	–
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	31	22	10	5	7	7	6	6	7	1	2	–	–	–
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	2	1	–	1	1	–	–	–	2	–	–	–	–	–
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Of penis and other male genital organs (187)	4	6	8	18	16	22	34	40	25	19	9	1	1	–
All races, male	4	6	8	18	16	22	34	40	25	19	9	1	1	–
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	3	6	6	17	14	20	26	30	20	16	8	1	1	–
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	1	–	1	1	2	2	7	8	5	2	–	–	–	–
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malignant neoplasms of urinary organs (188-189)	274	458	795	1,253	2,064	2,823	3,193	3,508	2,927	1,911	869	255	25	1
All races, male	193	317	566	884	1,452	1,877	2,135	2,270	1,754	1,059	379	117	12	–
All races, female	81	141	229	369	612	946	1,058	1,238	1,173	852	490	138	13	1
White, male	163	270	500	785	1,308	1,706	1,957	2,091	1,658	997	360	113	11	–
White, female	62	114	187	315	520	834	949	1,114	1,082	788	457	125	11	1
Black, male	26	46	57	93	134	156	157	163	88	52	17	3	1	–
Black, female	18	23	36	50	86	103	103	120	84	57	28	11	2	–
Of bladder (188)	70	84	207	371	861	1,219	1,566	1,989	1,797	1,311	603	199	18	1
All races, male	52	58	161	269	633	867	1,147	1,385	1,135	784	282	98	10	–
All races, female	18	26	46	102	228	352	419	604	662	527	321	101	8	1
White, male	46	49	145	239	580	795	1,060	1,264	1,084	747	266	94	9	–
White, female	12	19	34	87	183	301	363	535	602	480	298	91	8	1
Black, male	5	9	15	30	49	66	79	110	47	33	15	3	1	–
Black, female	5	6	11	14	44	48	55	67	56	43	20	9	–	–
Of kidney and other and unspecified urinary organs (189)	204	374	588	882	1,203	1,604	1,627	1,519	1,130	600	266	56	7	–
All races, male	141	259	405	615	819	1,010	988	885	619	275	97	19	2	–
All races, female	63	115	183	267	384	594	639	634	511	325	169	37	5	–
White, male	117	221	355	546	728	911	897	827	574	250	94	19	2	–
White, female	50	95	153	228	337	533	586	579	480	308	159	34	3	–
Black, male	21	37	42	63	85	90	78	53	41	19	2	–	–	–
Black, female	13	17	25	36	42	55	48	53	28	14	8	2	2	–
Malignant neoplasms of other and unspecified sites (190-199)	1,203	1,678	2,318	3,511	5,304	6,805	6,928	6,721	5,258	3,139	1,361	374	56	6
All races, male	687	951	1,365	2,040	3,070	3,835	3,700	3,270	2,217	1,165	425	108	15	3
All races, female	516	727	953	1,471	2,234	2,970	3,228	3,451	3,041	1,974	936	266	41	3
White, male	571	784	1,130	1,761	2,645	3,384	3,308	2,965	2,011	1,068	390	96	12	1
White, female	429	600	803	1,243	1,954	2,604	2,906	3,114	2,769	1,820	855	240	33	–
Black, male	102	151	209	254	385	411	358	268	175	87	29	11	3	2
Black, female	76	103	134	201	256	330	282	306	243	139	70	22	7	2
Of eye (190)	3	6	9	13	31	34	32	41	27	16	8	3	2	–
All races, male	–	5	5	7	22	20	23	26	11	3	2	2	–	–
All races, female	3	1	4	6	9	14	9	15	16	13	6	1	2	–
White, male	–	4	5	7	21	20	22	25	10	3	2	2	–	–
White, female	3	1	4	6	9	14	9	15	16	13	6	1	2	–
Black, male	–	–	–	–	1	–	1	1	1	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Of brain (191)	518	625	769	994	1,381	1,652	1,485	1,237	719	301	83	25	1	–
All races, male	314	384	478	561	807	926	770	591	319	96	23	13	1	–
All races, female	204	241	291	433	574	726	715	646	400	205	60	12	–	–
White, male	290	351	442	528	758	882	726	571	303	96	21	11	1	–
White, female	181	220	270	402	534	690	693	613	383	193	53	11	–	–
Black, male	20	30	30	26	41	36	40	17	12	–	2	2	–	–
Black, female	19	16	18	28	34	33	18	31	17	9	7	1	–	–
Of other and unspecified parts of nervous system (192)	17	10	15	11	22	27	39	48	14	12	6	2	–	–
All races, male	12	5	9	9	10	12	18	24	5	7	3	1	–	–
All races, female	5	5	6	2	12	15	21	24	9	5	3	1	–	–
White, male	11	4	8	7	8	10	16	18	5	7	2	1	–	–
White, female	4	5	4	2	11	15	17	22	7	4	3	1	–	–
Black, male	1	1	–	1	2	2	2	4	–	–	–	–	–	–
Black, female	1	–	2	–	1	–	4	2	2	1	–	–	–	–
Of thyroid gland and other endocrine glands and related structures (193-194)	44	50	63	116	159	208	203	215	179	99	49	6	–	–
All races, male	23	26	33	62	70	85	85	78	60	22	5	–	–	–
All races, female	21	24	30	54	89	123	118	137	119	77	44	6	–	–
White, male	18	23	31	58	63	79	77	74	57	20	5	–	–	–
White, female	20	20	21	45	82	98	107	124	105	72	40	5	–	–
Black, male	5	2	2	3	6	5	6	4	2	2	–	–	–	–
Black, female	1	3	8	7	5	21	9	11	11	4	4	–	–	–

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Malignant neoplasms of other and unspecified sites-Con.														
Of all other and unspecified sites (195-199)	33,787	7	4	3	9	4	27	11	11	26	42	117	197	323
All races, male	17,185	5	3	2	5	2	17	4	3	12	26	66	103	176
All races, female	16,602	2	1	1	4	2	10	7	8	14	16	51	94	147
White, male	14,726	5	2	1	4	2	14	4	2	11	20	48	75	129
White, female	14,449	1	1	1	4	1	8	5	6	13	11	40	60	112
Black, male	2,224	-	1	1	1	-	3	-	1	1	5	13	26	40
Black, female	1,926	1	-	-	-	1	2	2	1	1	4	10	31	32
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	47,741	24	47	58	45	35	209	218	245	373	455	664	850	956
All races, male	25,504	12	25	29	26	23	115	136	164	238	273	428	556	588
All races, female	22,237	12	22	29	19	12	94	82	81	135	182	236	294	368
White, male	22,812	10	23	22	25	19	99	110	137	199	225	357	472	480
White, female	19,943	9	20	23	14	9	75	67	66	107	154	186	236	303
Black, male	2,346	1	1	6	-	2	10	20	20	31	38	56	76	89
Black, female	2,018	1	1	3	4	3	12	10	9	22	25	43	47	53
Lymphosarcoma and reticulosarcoma (200)	1,871	-	2	1	2	1	6	13	20	27	26	29	39	52
All races, male	1,049	-	2	1	2	1	6	12	15	20	16	22	29	35
All races, female	822	-	-	-	-	-	-	1	5	7	10	7	10	17
White, male	963	-	2	1	2	-	5	12	13	17	10	20	24	30
White, female	765	-	-	-	-	-	-	-	5	6	6	7	6	15
Black, male	65	-	-	-	-	-	-	-	-	3	5	2	4	3
Black, female	51	-	-	-	-	-	-	1	-	1	4	-	4	2
Hodgkin's disease (201)	1,632	-	-	1	-	-	1	2	5	38	82	153	162	125
All races, male	956	-	-	-	-	-	-	1	4	25	49	92	113	84
All races, female	676	-	-	1	-	-	1	1	1	13	33	61	49	41
White, male	853	-	-	-	-	-	-	-	4	22	39	77	104	73
White, female	618	-	-	1	-	-	1	1	1	13	30	52	42	36
Black, male	96	-	-	-	-	-	-	1	-	2	9	15	9	11
Black, female	52	-	-	-	-	-	-	-	-	-	3	7	6	5
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	16,730	-	1	2	2	3	8	16	25	34	85	167	275	329
All races, male	8,746	-	1	1	1	-	3	14	16	21	57	122	198	229
All races, female	7,984	-	-	1	1	3	5	2	9	13	28	45	77	100
White, male	8,042	-	1	1	1	-	3	11	13	16	45	104	160	193
White, female	7,415	-	-	1	1	1	3	2	7	11	24	33	64	80
Black, male	586	-	-	-	-	-	-	3	2	5	11	14	35	29
Black, female	470	-	-	-	-	2	2	-	1	1	3	11	13	18
Multiple myeloma and immunoproliferative neoplasms (203)	8,934	-	-	-	-	-	-	-	-	-	1	6	15	30
All races, male	4,561	-	-	-	-	-	-	-	-	-	1	2	9	17
All races, female	4,373	-	-	-	-	-	-	-	-	-	-	4	6	13
White, male	3,765	-	-	-	-	-	-	-	-	-	-	2	7	9
White, female	3,612	-	-	-	-	-	-	-	-	-	-	3	6	8
Black, male	745	-	-	-	-	-	-	-	-	-	1	-	2	8
Black, female	708	-	-	-	-	-	-	-	-	-	-	1	-	3
Leukemia (204-208)	18,574	24	44	54	41	31	194	187	195	274	261	309	359	420
All races, male	10,192	12	22	27	23	22	106	109	129	172	150	190	207	223
All races, female	8,382	12	22	27	18	9	88	78	66	102	111	119	152	197
White, male	9,189	10	20	20	22	19	91	87	107	144	131	154	177	175
White, female	7,533	9	20	21	13	8	71	64	53	77	94	91	118	164
Black, male	854	1	1	6	-	2	10	16	18	21	12	25	26	38
Black, female	737	1	1	3	4	1	10	9	8	20	15	24	24	25
Lymphoid leukemia (204)	5,508	5	14	23	17	16	75	106	112	128	89	76	79	71
All races, male	3,160	2	7	13	11	11	44	57	81	79	52	55	54	44
All races, female	2,348	3	7	10	6	5	31	49	31	49	37	21	25	27
White, male	2,818	2	7	8	11	9	37	45	69	71	46	45	49	36
White, female	2,096	1	6	7	6	4	24	42	25	38	30	19	20	22
Black, male	315	-	-	4	-	1	5	9	11	7	6	7	5	8
Black, female	227	1	1	1	-	1	4	5	3	9	6	2	4	5
Myeloid leukemia (205)	7,700	5	11	8	8	9	41	33	44	76	114	160	198	234
All races, male	4,198	3	7	4	4	8	26	23	22	48	70	94	109	129
All races, female	3,502	2	4	4	4	1	15	10	22	28	44	66	89	105
White, male	3,788	1	7	4	4	7	23	18	17	33	58	77	90	101
White, female	3,157	2	4	4	3	1	14	7	18	23	37	47	69	88
Black, male	327	1	-	-	-	1	2	3	4	9	5	12	17	19
Black, female	293	-	-	-	1	-	1	2	3	4	6	17	13	9
Monocytic leukemia (206)	269	1	-	2	3	-	6	-	1	2	5	5	-	8
All races, male	137	-	-	-	2	-	2	-	1	1	2	3	-	4
All races, female	132	1	-	2	1	-	4	-	-	1	3	2	-	4
White, male	128	-	-	-	2	-	2	-	1	1	2	2	-	3
White, female	121	1	-	1	1	-	3	-	-	1	2	2	-	2
Black, male	9	-	-	-	-	-	-	-	-	-	-	1	-	1
Black, female	11	-	-	1	-	-	1	-	-	-	1	-	-	2
Other and unspecified leukemia (207-208)	5,097	13	19	21	13	6	72	48	38	68	53	68	82	107
All races, male	2,697	7	8	10	6	3	34	29	25	44	26	38	44	46
All races, female	2,400	6	11	11	7	3	38	19	13	24	27	30	38	61
White, male	2,455	7	6	8	5	3	29	24	20	39	25	30	38	35
White, female	2,159	5	10	9	3	3	30	15	10	15	25	23	29	52
Black, male	203	-	1	2	-	-	3	4	3	5	1	5	4	10
Black, female	206	-	-	1	3	-	4	2	2	7	2	5	7	9
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6,752	71	22	20	20	13	146	53	47	45	48	86	127	142
All races, male	3,012	31	10	12	9	4	66	23	22	24	23	47	71	87
All races, female	3,740	40	12	8	11	9	80	30	25	21	25	39	56	55
White, male	2,658	25	10	12	6	3	56	20	17	20	15	38	60	71
White, female	3,250	32	8	7	8	8	63	27	21	15	21	32	50	43
Black, male	316	6	-	-	3	1	10	3	3	3	6	8	9	14
Black, female	431	8	2	1	2	1	14	3	4	5	4	6	6	9

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 18 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Malignant neoplasms of other and unspecified sites-Con.														
Of all other and unspecified sites (195-199)	621	987	1,462	2,377	3,711	4,884	5,169	5,180	4,319	2,711	1,215	338	53	6
All races, male	338	531	840	1,401	2,161	2,792	2,804	2,551	1,822	1,037	392	92	14	3
All races, female	283	456	622	976	1,550	2,092	2,365	2,629	2,497	1,674	823	246	39	3
White, male	252	402	644	1,161	1,795	2,393	2,467	2,277	1,836	942	360	82	11	1
White, female	221	354	504	788	1,318	1,787	2,080	2,340	2,258	1,538	753	222	31	-
Black, male	76	118	177	224	335	368	309	242	160	85	27	9	3	2
Black, female	55	84	106	166	216	276	251	262	213	125	59	21	7	2
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	1,138	1,409	1,909	2,739	4,281	6,108	7,143	7,325	6,178	3,695	1,454	339	50	3
All races, male	706	841	1,182	1,635	2,540	3,428	3,906	3,748	2,861	1,491	544	112	11	1
All races, female	432	568	727	1,104	1,741	2,680	3,237	3,577	3,317	2,204	910	227	39	2
White, male	586	711	1,022	1,427	2,252	3,069	3,561	3,457	2,651	1,379	507	103	7	1
White, female	348	480	602	919	1,520	2,398	2,939	3,279	3,086	2,087	850	205	35	1
Black, male	97	114	146	191	258	314	306	251	187	98	33	8	3	-
Black, female	73	76	110	160	196	249	270	269	208	103	57	21	4	1
Lymphosarcoma and reticulosarcoma (200)	46	67	82	117	155	226	277	280	227	119	57	6	-	-
All races, male	31	45	53	66	86	135	161	139	113	45	18	2	-	-
All races, female	15	22	29	51	69	91	116	141	114	74	39	4	-	-
White, male	23	41	51	59	80	126	150	132	108	44	17	1	-	-
White, female	13	22	24	46	60	86	110	137	108	71	39	4	-	-
Black, male	5	4	2	6	4	9	8	5	4	1	-	-	-	-
Black, female	2	-	5	5	7	3	6	4	6	1	-	-	-	-
Hodgkin's disease (201)	108	76	70	100	114	135	141	136	114	53	15	2	-	-
All races, male	65	56	46	69	75	66	81	56	44	23	5	2	-	-
All races, female	43	20	24	31	39	69	60	80	70	30	10	-	-	-
White, male	55	47	40	63	70	61	75	50	43	23	5	2	-	-
White, female	38	20	19	27	38	56	59	80	66	29	10	-	-	-
Black, male	9	8	6	5	5	5	5	5	1	-	-	-	-	-
Black, female	5	-	5	4	1	10	1	-	4	1	-	-	-	-
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	442	562	739	1,026	1,579	2,263	2,532	2,621	2,156	1,272	475	107	17	-
All races, male	311	364	474	634	952	1,193	1,289	1,262	926	474	169	33	5	-
All races, female	131	198	265	392	627	1,070	1,243	1,359	1,230	798	306	74	12	-
White, male	267	313	417	573	876	1,101	1,220	1,201	885	450	158	32	4	-
White, female	104	171	226	338	583	999	1,163	1,281	1,184	772	287	71	12	-
Black, male	40	44	54	53	62	74	49	48	34	18	9	1	1	-
Black, female	24	22	30	44	37	60	63	66	34	21	18	2	-	-
Multiple myeloma and immunoproliferative neoplasms (203)	90	179	336	536	950	1,339	1,584	1,532	1,314	716	255	45	6	-
All races, male	61	95	204	299	529	723	840	777	598	290	96	19	1	-
All races, female	29	84	132	237	421	616	744	755	716	426	159	26	5	-
White, male	40	69	162	232	421	599	702	669	510	244	85	14	-	-
White, female	16	57	95	174	334	503	611	635	621	384	140	21	4	-
Black, male	19	23	38	63	105	114	135	100	80	41	11	5	-	-
Black, female	13	22	35	60	82	104	126	109	89	40	18	5	1	-
Leukemia (204-208)	452	525	682	960	1,483	2,145	2,609	2,756	2,367	1,535	652	179	27	3
All races, male	238	281	405	567	898	1,311	1,535	1,514	1,180	659	256	56	5	1
All races, female	214	244	277	393	585	834	1,074	1,242	1,187	876	396	123	22	2
White, male	201	241	352	500	805	1,182	1,414	1,405	1,105	618	242	54	3	1
White, female	177	210	238	334	505	754	996	1,146	1,107	831	374	109	19	1
Black, male	24	35	46	64	82	112	109	93	68	38	13	2	2	-
Black, female	29	32	35	47	69	72	74	90	75	40	21	14	3	1
Lymphoid leukemia (204)	76	95	186	222	416	569	733	814	734	559	270	83	15	-
All races, male	42	59	127	148	287	382	433	471	348	245	118	30	4	-
All races, female	34	36	59	74	129	187	300	343	386	314	152	53	11	-
White, male	30	50	107	120	250	341	402	431	319	225	112	30	3	-
White, female	26	25	49	66	111	164	276	305	356	299	143	48	8	-
Black, male	10	9	19	28	35	39	27	36	27	20	6	-	1	-
Black, female	4	10	10	7	17	19	23	38	30	14	9	5	3	-
Myeloid leukemia (205)	258	302	321	504	656	966	1,107	1,116	867	476	178	43	4	2
All races, male	135	141	184	289	361	566	646	619	449	211	66	10	-	-
All races, female	123	161	137	215	295	400	461	497	418	265	112	33	4	2
White, male	118	118	157	257	325	516	597	581	424	204	64	10	-	-
White, female	103	146	118	183	253	364	428	472	392	253	108	29	4	1
Black, male	9	18	22	30	30	41	45	33	20	6	2	-	-	-
Black, female	18	14	18	25	34	34	31	22	22	11	4	4	-	1
Monocytic leukemia (206)	3	6	5	11	19	32	40	41	45	30	9	1	-	-
All races, male	-	5	5	5	14	13	26	20	23	10	2	1	-	-
All races, female	3	1	-	6	5	19	14	21	22	20	7	-	-	-
White, male	-	4	5	5	12	13	24	19	23	9	2	1	-	-
White, female	2	1	-	4	4	19	14	19	21	20	7	-	-	-
Black, male	-	1	-	-	2	-	2	1	-	1	-	-	-	-
Black, female	1	-	-	2	1	-	-	2	1	-	-	-	-	-
Other and unspecified leukemia (207-208)	115	122	170	223	392	578	729	785	721	470	195	52	8	1
All races, male	61	76	89	125	236	350	430	404	360	193	70	15	1	1
All races, female	54	46	81	98	156	228	299	381	361	277	125	37	7	-
White, male	53	69	83	118	218	312	391	374	339	180	64	13	-	1
White, female	46	38	71	81	137	207	278	350	338	259	116	32	7	-
Black, male	5	7	5	6	15	32	35	23	21	11	5	2	1	-
Black, female	6	8	7	13	17	19	20	28	22	15	8	5	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	154	169	230	286	469	681	848	1,034	972	744	347	105	18	1
All races, male	78	82	112	138	240	361	442	429	389	255	94	27	2	-
All races, female	76	87	118	148	229	320	406	605	583	489	253	78	16	1
White, male	58	69	86	116	213	310	399	392	358	245	87	26	2	-
White, female	62	63	91	119	195	270	357	534	515	451	240	68	13	-
Black, male	19	11	24	18	26	46	41	30	29	8	7	1	-	-
Black, female	13	20	20	25	28	47	43	61	62	36	12	9	3	1

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Benign neoplasms, carcinoma in situ, etc.-Con.														
Benign neoplasms (210-229)	1,477	30	7	6	3	5	51	12	5	12	16	20	28	28
All races, male	540	14	4	3	2	2	25	3	1	7	9	9	14	16
All races, female	937	16	3	3	1	3	26	9	4	5	7	11	14	12
White, male	450	10	4	3	1	1	19	2	-	6	5	5	11	11
White, female	782	12	1	2	1	2	18	8	3	4	6	8	12	8
Black, male	79	4	-	-	1	1	6	1	-	1	3	4	2	5
Black, female	137	4	1	1	-	1	7	1	1	1	1	3	2	3
Of female genital organs (218-221)	37	-	-	-	-	-	-	-	-	-	-	-	1	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	37	-	-	-	-	-	-	-	-	-	-	-	1	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	28	-	-	-	-	-	-	-	-	-	-	-	1	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225)	896	1	2	3	2	1	9	4	3	3	6	7	10	12
All races, male	287	-	1	1	1	-	3	1	1	1	4	2	6	6
All races, female	609	1	1	2	1	1	6	3	2	2	2	5	4	6
White, male	245	-	1	1	1	-	3	1	-	1	2	2	5	5
White, female	512	-	-	2	1	1	4	3	2	1	2	4	3	3
Black, male	38	-	-	-	-	-	-	-	-	-	1	-	-	1
Black, female	89	1	1	-	-	-	2	-	-	1	-	1	1	3
Of all other and unspecified sites (210-217,222-223,226-229)	544	29	5	3	1	4	42	8	2	9	10	13	17	16
All races, male	253	14	3	2	1	2	22	2	-	6	5	7	8	10
All races, female	291	15	2	1	-	2	20	6	2	3	5	6	9	6
White, male	205	10	3	2	-	1	16	1	-	5	3	3	6	6
White, female	242	12	1	-	-	1	14	5	1	3	4	4	8	5
Black, male	41	4	-	-	1	1	6	1	-	1	2	4	2	4
Black, female	40	3	-	1	-	1	5	1	1	-	1	2	1	-
Carcinoma in situ (230-234)	11	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	10	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	9	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	7	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	7	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	4	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	3	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	1,580	16	3	2	2	1	24	6	5	13	7	19	24	27
All races, male	741	7	2	1	-	-	10	5	1	9	2	8	10	14
All races, female	839	9	1	1	2	1	14	1	4	4	5	11	14	13
White, male	664	6	2	1	-	-	9	5	1	6	-	7	8	10
White, female	747	9	1	1	2	1	14	1	4	4	5	10	13	8
Black, male	70	1	-	-	-	-	1	-	-	2	2	-	2	3
Black, female	84	-	-	-	-	-	-	-	-	-	-	1	1	3
Neoplasms of unspecified nature (239)	3,684	25	12	12	15	7	71	35	37	20	25	47	75	87
All races, male	1,730	10	4	8	7	2	31	15	20	8	12	30	47	57
All races, female	1,954	15	8	4	8	5	40	20	17	12	13	17	28	30
White, male	1,543	9	4	8	5	2	28	13	16	8	10	26	41	50
White, female	1,712	11	6	4	5	5	31	18	14	7	10	14	25	27
Black, male	167	1	-	-	2	-	3	2	3	-	1	4	5	6
Black, female	209	4	1	-	2	-	7	2	3	4	3	2	3	3
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	63,576	364	60	41	27	24	516	112	120	161	246	439	728	979
All races, male	27,120	214	27	24	15	12	292	67	59	72	130	248	449	635
All races, female	36,456	150	33	17	12	12	224	45	61	89	116	191	279	344
White, male	22,415	146	22	15	10	11	204	57	49	62	107	174	335	475
White, female	29,497	103	23	10	10	11	157	42	53	70	82	141	207	243
Black, male	4,204	61	2	8	2	1	74	8	8	10	19	72	111	150
Black, female	6,414	43	10	7	2	1	63	2	7	17	31	49	69	96
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	60,559	348	59	40	26	23	496	112	119	157	241	437	716	959
All races, male	26,012	204	26	24	14	11	279	67	58	70	129	247	443	622
All races, female	34,547	144	33	16	12	12	217	45	61	87	112	190	273	337
White, male	21,512	139	21	15	9	10	194	57	48	60	106	173	330	468
White, female	27,854	99	23	9	10	11	152	42	53	69	79	140	203	238
Black, male	4,015	58	2	8	2	1	71	8	8	10	19	72	110	145
Black, female	6,170	41	10	7	2	1	61	2	7	16	31	49	68	94
Disorders of thyroid gland (240-246)	953	1	-	-	-	-	1	-	3	-	3	5	17	9
All races, male	241	-	-	-	-	-	-	-	1	-	2	3	8	5
All races, female	712	1	-	-	-	-	1	-	2	-	1	2	9	4
White, male	198	-	-	-	-	-	-	-	1	-	2	2	5	2
White, female	621	1	-	-	-	-	1	-	2	-	1	2	6	1
Black, male	39	-	-	-	-	-	-	-	-	-	-	1	3	3
Black, female	86	-	-	-	-	-	-	-	-	-	-	-	3	2

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Benign neoplasms, carcinoma in situ, etc.-Con.														
Benign neoplasms (210-229)	33	40	58	72	106	125	190	216	211	162	71	18	2	1
All races, male	18	15	22	26	42	54	77	71	68	43	17	3	–	–
All races, female	15	25	36	46	64	71	113	145	143	119	54	15	2	1
White, male	12	10	17	23	37	42	69	60	59	42	17	3	–	–
White, female	13	18	24	32	51	56	99	124	126	112	48	11	1	–
Black, male	5	4	5	3	5	10	7	9	8	1	–	–	–	–
Black, female	2	6	8	13	11	14	12	18	15	7	6	4	1	1
Of female genital organs (218-221)	3	4	4	1	3	–	3	5	6	3	–	4	–	–
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	3	4	4	1	3	–	3	5	6	3	–	4	–	–
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	2	4	2	1	3	–	3	3	5	1	–	3	–	–
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	1	–	1	–	–	–	–	2	1	2	–	1	–	–
Of eye, brain, and other parts of nervous system (224-225)	18	15	34	53	63	77	129	151	147	102	44	9	–	–
All races, male	10	7	12	17	25	29	48	41	38	27	6	3	–	–
All races, female	8	8	22	36	38	48	81	110	109	75	38	6	–	–
White, male	7	5	8	15	23	20	45	33	34	27	6	3	–	–
White, female	7	5	14	24	29	39	69	95	98	73	32	5	–	–
Black, male	3	2	4	2	2	8	3	8	4	–	–	–	–	–
Black, female	1	3	6	11	8	8	11	14	10	2	6	1	–	–
Of all other and unspecified sites (210-217,222-223,226-229)	12	21	20	18	40	48	58	60	58	57	27	5	2	1
All races, male	8	8	10	9	17	25	29	30	30	16	11	–	–	–
All races, female	4	13	10	9	23	23	29	30	28	41	16	5	2	1
White, male	5	5	9	8	14	22	24	27	25	15	11	–	–	–
White, female	4	9	8	7	19	17	27	26	23	38	16	3	1	–
Black, male	2	2	1	1	3	2	4	1	4	1	–	–	–	–
Black, female	–	3	1	2	3	6	1	2	4	3	–	2	1	1
Carcinoma in situ (230-234)	–	1	–	–	2	2	1	4	–	–	–	1	–	–
All races, male	–	–	–	–	–	1	–	–	–	–	–	–	–	–
All races, female	–	1	–	–	2	1	1	4	–	–	–	1	–	–
White, male	–	–	–	–	–	1	–	–	–	–	–	–	–	–
White, female	–	–	–	–	2	1	1	4	–	–	–	1	–	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Of breast and genitourinary system (233)	–	1	–	–	1	–	1	4	–	–	–	–	–	–
All races, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, female	–	1	–	–	1	–	1	4	–	–	–	–	–	–
White, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White, female	–	–	–	–	1	–	1	4	–	–	–	–	–	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Of all other and unspecified sites (230-232,234)	–	–	–	–	1	2	–	–	–	–	–	1	–	–
All races, male	–	–	–	–	–	1	–	–	–	–	–	–	–	–
All races, female	–	–	–	–	1	1	–	–	–	–	–	1	–	–
White, male	–	–	–	–	–	1	–	–	–	–	–	–	–	–
White, female	–	–	–	–	1	1	–	–	–	–	–	1	–	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Neoplasms of uncertain behavior (235-238)	23	26	42	50	85	175	210	283	263	178	88	28	4	–
All races, male	8	13	21	26	46	93	120	134	112	69	27	12	1	–
All races, female	15	13	21	24	39	82	90	149	151	109	61	16	3	–
White, male	4	12	11	21	42	81	108	127	107	67	26	11	1	–
White, female	9	11	16	19	35	69	79	137	138	100	58	15	2	–
Black, male	4	1	9	3	4	12	12	6	5	2	1	1	–	–
Black, female	6	2	5	5	3	13	11	9	13	8	2	1	1	–
Neoplasms of unspecified nature (239)	98	102	130	164	276	379	447	531	498	404	188	58	12	–
All races, male	52	54	69	86	152	213	245	224	209	143	50	12	1	–
All races, female	46	48	61	78	124	166	202	307	289	261	138	46	11	–
White, male	42	47	58	72	134	186	222	205	192	136	44	12	1	–
White, female	40	34	51	68	107	144	178	269	251	239	134	41	10	–
Black, male	10	6	10	12	17	24	22	15	16	5	6	–	–	–
Black, female	5	11	7	7	14	20	20	34	34	21	4	4	1	–
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	1,273	1,612	2,097	3,166	5,282	7,492	8,440	9,507	9,001	6,778	3,899	1,396	327	5
All races, male	762	902	1,156	1,650	2,564	3,537	3,793	4,093	3,237	2,109	978	320	64	3
All races, female	511	710	941	1,516	2,718	3,955	4,647	5,414	5,764	4,669	2,921	1,076	263	2
White, male	586	656	853	1,266	2,048	2,944	3,195	3,539	2,815	1,852	856	289	51	2
White, female	360	491	622	1,072	2,002	3,017	3,688	4,473	4,902	4,076	2,632	941	226	–
Black, male	161	222	273	349	457	534	527	490	367	223	108	28	12	1
Black, female	141	208	299	413	639	854	892	878	796	544	260	120	34	2
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	1,262	1,590	2,074	3,117	5,206	7,355	8,246	9,130	8,470	6,136	3,368	1,121	243	4
All races, male	759	888	1,142	1,629	2,530	3,467	3,700	3,927	3,027	1,889	837	251	49	2
All races, female	503	702	932	1,488	2,676	3,888	4,546	5,203	5,443	4,247	2,531	870	194	2
White, male	585	652	844	1,252	2,025	2,886	3,123	3,400	2,642	1,671	733	225	37	1
White, female	354	486	616	1,056	1,970	2,969	3,614	4,294	4,631	3,700	2,274	748	166	–
Black, male	159	212	268	342	446	522	506	465	334	191	91	24	11	1
Black, female	139	205	296	402	630	837	868	847	751	502	230	107	26	2
Disorders of thyroid gland (240-246)	10	16	13	24	32	53	104	149	178	176	110	45	5	–
All races, male	4	9	1	5	13	16	26	43	33	38	24	10	–	–
All races, female	6	7	12	19	19	37	78	106	145	138	86	35	5	–
White, male	2	6	1	4	11	12	21	39	27	35	20	8	–	–
White, female	3	3	10	16	16	34	65	91	124	129	81	31	5	–
Black, male	2	3	–	1	1	4	5	4	6	2	3	1	–	–
Black, female	3	4	2	3	2	3	13	15	19	9	5	3	–	–

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 21 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Endocrine and metabolic diseases and immunity disorders-Con.														
Diabetes mellitus (250)	47,664	4	1	2	2	2	11	7	17	29	86	244	430	617
All races, male	20,266	3	-	1	-	-	4	6	8	9	41	125	248	379
All races, female	27,398	1	1	1	2	2	7	1	9	20	45	119	182	238
White, male	16,817	2	-	1	-	-	3	2	5	7	32	86	184	296
White, female	21,879	1	1	1	2	2	7	1	7	14	22	90	137	177
Black, male	3,049	1	-	-	-	-	1	3	3	2	8	38	62	76
Black, female	5,065	-	-	-	-	-	-	-	2	5	22	29	43	58
Disorders of the pituitary gland and its hypothalamic control (253)	202	5	3	2	-	-	10	2	-	3	-	2	4	6
All races, male	89	3	2	1	-	-	6	-	-	1	-	1	4	3
All races, female	113	2	1	1	-	-	4	2	-	2	-	1	-	3
White, male	71	2	1	-	-	-	3	-	-	1	-	1	3	1
White, female	97	2	1	-	-	-	3	2	-	1	-	-	-	3
Black, male	16	1	1	1	-	-	3	-	-	-	-	-	1	2
Black, female	14	-	-	1	-	-	1	-	-	1	-	1	-	-
Diseases of thymus gland (254)	7	2	-	-	-	-	2	-	-	-	-	-	-	1
All races, male	4	1	-	-	-	-	1	-	-	-	-	-	-	1
All races, female	3	1	-	-	-	-	1	-	-	-	-	-	-	-
White, male	2	1	-	-	-	-	1	-	-	-	-	-	-	-
White, female	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	220	12	3	2	-	-	17	3	1	2	4	7	10	4
All races, male	92	7	-	2	-	-	9	3	1	2	3	3	4	2
All races, female	128	5	3	-	-	-	8	-	-	-	1	4	6	2
White, male	75	5	-	2	-	-	7	3	1	2	3	2	4	1
White, female	113	3	3	-	-	-	6	-	-	-	1	3	6	1
Black, male	13	2	-	-	-	-	2	-	-	-	-	1	-	1
Black, female	13	2	-	-	-	-	2	-	-	-	-	1	-	1
Cystic fibrosis (277.0)	414	9	3	1	2	3	18	46	50	73	81	57	33	24
All races, male	189	5	2	-	-	1	8	21	15	33	42	26	16	17
All races, female	225	4	1	1	2	2	10	25	35	40	39	31	17	7
White, male	182	4	2	-	-	1	7	20	13	32	40	26	16	17
White, female	215	2	1	1	2	2	8	24	32	39	38	30	17	6
Black, male	6	1	-	-	-	-	1	-	2	1	2	-	-	-
Black, female	7	2	-	-	-	-	2	1	2	-	-	1	-	1
Obesity (278.0)	1,285	2	-	1	-	-	3	1	-	7	21	23	50	82
All races, male	552	1	-	-	-	-	1	1	-	4	12	14	32	53
All races, female	733	1	-	1	-	-	2	-	-	3	9	9	18	29
White, male	455	1	-	-	-	-	1	-	-	2	8	11	24	40
White, female	530	1	-	-	-	-	1	-	-	-	4	3	12	15
Black, male	93	-	-	-	-	-	-	1	-	2	4	3	7	13
Black, female	198	-	-	1	-	-	1	-	-	3	5	6	6	14
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	9,814	313	49	32	22	18	434	53	48	43	46	99	172	216
All races, male	4,579	184	22	20	14	10	250	36	33	21	29	75	131	162
All races, female	5,235	129	27	12	8	8	184	17	15	22	17	24	41	54
White, male	3,712	124	18	12	9	9	172	32	28	16	21	45	94	111
White, female	4,397	89	17	7	6	7	126	15	12	15	13	12	25	35
Black, male	798	53	1	7	2	1	64	4	3	5	5	29	37	49
Black, female	787	37	10	5	2	1	55	1	3	7	4	11	16	18
Nutritional deficiencies (260-269)	3,017	16	1	1	1	1	20	-	1	4	5	2	12	20
All races, male	1,108	10	1	-	1	1	13	-	1	2	1	1	6	13
All races, female	1,909	6	-	1	-	-	7	-	-	2	4	1	6	7
White, male	903	7	1	-	1	1	10	-	1	2	1	1	5	7
White, female	1,643	4	-	1	-	-	5	-	-	1	3	1	4	5
Black, male	189	3	-	-	-	-	3	-	-	-	-	-	1	5
Black, female	244	2	-	-	-	-	2	-	-	1	-	-	1	2
Nutritional marasmus (261)	251	6	-	-	-	1	7	-	-	1	1	-	2	6
All races, male	107	3	-	-	-	1	4	-	-	-	-	-	-	4
All races, female	144	3	-	-	-	-	3	-	-	1	1	-	2	2
White, male	85	2	-	-	-	1	3	-	-	-	-	-	-	1
White, female	120	2	-	-	-	-	2	-	-	-	-	-	2	2
Black, male	22	1	-	-	-	-	1	-	-	-	-	-	-	3
Black, female	22	1	-	-	-	-	1	-	-	1	-	-	-	-
Other protein-calorie malnutrition (262-263)	2,545	9	1	-	1	-	11	-	1	1	3	2	7	13
All races, male	918	7	1	-	1	-	9	-	1	-	1	1	4	9
All races, female	1,627	2	-	-	-	-	2	-	-	1	2	1	3	4
White, male	751	5	1	-	1	-	7	-	1	-	1	1	4	6
White, female	1,399	1	-	-	-	-	1	-	-	1	2	1	1	2
Black, male	152	2	-	-	-	-	2	-	-	-	-	-	-	2
Black, female	209	1	-	-	-	-	1	-	-	-	-	-	1	2
All other nutritional deficiencies (260,264-269)	221	1	-	1	-	-	2	-	-	2	1	-	3	1
All races, male	83	-	-	-	-	-	-	-	-	2	-	-	2	-
All races, female	138	1	-	1	-	-	2	-	-	-	1	-	1	1
White, male	67	-	-	-	-	-	-	-	-	2	-	-	1	-
White, female	124	1	-	1	-	-	2	-	-	-	1	-	1	1
Black, male	15	-	-	-	-	-	-	-	-	-	-	-	1	-
Black, female	13	-	-	-	-	-	-	-	-	-	-	-	-	-
IV. Diseases of blood and blood-forming organs (280-289)	9,027	83	31	19	11	16	160	43	39	72	108	138	184	223
All races, male	4,454	47	18	12	7	11	95	25	21	39	61	81	102	122
All races, female	4,573	36	13	7	4	5	65	18	18	33	47	57	82	101
White, male	3,606	28	9	3	5	4	49	11	10	14	27	34	43	57
White, female	3,827	22	6	2	2	3	35	14	8	15	22	23	28	44
Black, male	767	14	8	8	-	7	37	13	10	24	33	46	59	64
Black, female	687	10	7	4	2	2	25	4	10	15	25	34	53	53

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Endocrine and metabolic diseases and immunity disorders-Con.														
Diabetes mellitus (250)	893	1,187	1,647	2,553	4,416	6,306	6,974	7,679	6,858	4,632	2,249	692	133	4
All races, male	535	646	901	1,316	2,120	2,927	3,116	3,295	2,456	1,418	547	146	21	2
All races, female	358	541	746	1,237	2,296	3,379	3,858	4,384	4,402	3,214	1,702	546	112	2
White, male	411	463	662	1,000	1,674	2,418	2,640	2,872	2,158	1,269	485	132	17	1
White, female	254	377	482	865	1,658	2,561	3,034	3,602	3,724	2,792	1,526	455	94	-
Black, male	110	161	212	285	395	457	414	368	255	129	52	14	3	1
Black, female	97	153	245	347	569	739	763	723	627	386	157	81	17	2
Disorders of the pituitary gland and its hypothalamic control (253)	5	3	12	8	11	21	18	29	32	20	15	1	-	-
All races, male	4	1	4	4	8	14	6	11	10	8	4	-	-	-
All races, female	1	2	8	4	3	7	12	18	22	12	11	1	-	-
White, male	3	1	4	2	7	14	5	8	7	7	4	-	-	-
White, female	1	1	6	4	1	5	12	15	20	11	11	1	-	-
Black, male	1	-	-	2	1	-	-	2	3	1	-	-	-	-
Black, female	-	1	1	-	2	2	-	3	2	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	1	1	1	1	-	-	-	-	-	-
All races, male	-	-	-	-	1	1	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	1	1	-	-	-	-	-	-
White, male	-	-	-	-	-	1	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	9	10	8	7	19	21	19	29	24	19	4	3	-	-
All races, male	2	6	2	3	6	10	10	11	8	4	2	1	-	-
All races, female	7	4	6	4	13	11	9	18	16	15	2	2	-	-
White, male	2	5	1	2	4	10	6	9	8	3	1	1	-	-
White, female	7	3	5	4	12	9	8	17	15	12	2	2	-	-
Black, male	-	1	1	1	1	-	2	1	-	1	1	-	-	-
Black, female	-	1	1	-	1	2	1	1	-	2	-	-	-	-
Cystic fibrosis (277.0)	12	9	2	-	1	1	2	3	2	-	-	-	-	-
All races, male	4	3	1	-	-	-	1	1	1	-	-	-	-	-
All races, female	8	6	1	-	1	1	1	2	1	-	-	-	-	-
White, male	4	3	1	-	-	-	1	1	1	-	-	-	-	-
White, female	8	6	1	-	1	1	1	2	1	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Obesity (278.0)	102	109	103	131	161	152	125	114	61	27	9	3	1	-
All races, male	45	53	48	70	75	61	43	25	12	-	3	-	-	-
All races, female	57	56	55	61	86	91	82	89	49	27	6	3	1	-
White, male	40	41	37	55	67	55	37	23	12	-	2	-	-	-
White, female	32	34	35	45	64	70	64	75	41	25	6	3	1	-
Black, male	5	11	10	15	7	6	6	2	-	-	1	-	-	-
Black, female	23	22	20	16	21	21	17	13	8	2	-	-	-	-
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	231	256	289	394	565	800	1,003	1,126	1,315	1,262	981	377	104	-
All races, male	165	170	185	231	307	438	498	541	507	421	257	94	28	-
All races, female	66	86	104	163	258	362	505	585	808	841	724	283	76	-
White, male	123	133	138	189	262	376	413	448	429	357	221	84	20	-
White, female	49	62	77	122	218	289	429	491	706	731	648	256	66	-
Black, male	41	36	45	38	41	55	79	88	70	58	34	9	8	-
Black, female	16	24	27	36	35	70	74	92	95	103	68	23	9	-
Nutritional deficiencies (260-269)	11	22	23	49	76	137	194	377	531	642	531	275	84	1
All races, male	3	14	14	21	34	70	93	166	210	220	141	69	15	1
All races, female	8	8	9	28	42	67	101	211	321	422	390	206	69	-
White, male	1	4	9	14	23	58	72	139	173	181	123	64	14	1
White, female	6	5	6	16	32	48	74	179	271	376	358	193	60	-
Black, male	2	10	5	7	11	12	21	25	33	32	17	4	1	-
Black, female	2	3	3	11	9	17	24	31	45	42	30	13	8	-
Nutritional marasmus (261)	1	1	4	4	9	18	25	31	45	50	34	9	3	-
All races, male	1	1	3	1	5	10	12	16	19	14	14	2	1	-
All races, female	-	-	1	3	4	8	13	15	26	36	20	7	2	-
White, male	-	-	3	1	4	8	7	14	15	13	14	1	1	-
White, female	-	-	1	1	4	6	11	10	23	33	18	6	1	-
Black, male	1	1	-	-	1	2	5	2	4	1	-	1	-	-
Black, female	-	-	-	2	-	2	2	5	2	3	2	1	1	-
Other protein-calorie malnutrition (262-263)	8	21	16	43	60	104	143	318	454	559	458	246	76	1
All races, male	2	13	9	18	26	51	72	136	181	190	119	61	14	1
All races, female	6	8	7	25	34	53	71	182	273	369	339	185	62	-
White, male	1	4	4	13	17	43	57	112	150	156	102	58	13	1
White, female	4	5	5	15	24	38	48	156	228	328	312	173	55	-
Black, male	1	9	5	5	9	8	15	22	27	28	16	2	1	-
Black, female	2	3	2	9	9	13	20	26	41	37	25	12	6	-
All other nutritional deficiencies (260,264-269)	2	-	3	2	7	15	26	28	32	33	39	20	5	-
All races, male	-	-	2	2	3	9	9	14	10	16	8	6	-	-
All races, female	2	-	1	-	4	6	17	14	22	17	31	14	5	-
White, male	-	-	2	-	2	7	8	13	8	12	7	5	-	-
White, female	2	-	-	-	4	4	15	13	20	15	28	14	4	-
Black, male	-	-	-	2	1	2	1	1	2	3	1	1	-	-
Black, female	-	-	1	-	-	2	2	-	2	2	3	-	1	-
IV. Diseases of blood and blood-forming organs (280-289)	189	188	244	300	535	749	1,051	1,303	1,345	1,147	688	270	51	-
All races, male	117	96	134	166	277	423	618	708	607	456	226	72	8	-
All races, female	72	92	110	134	258	326	433	595	738	691	462	198	43	-
White, male	70	58	93	129	229	365	553	616	555	418	203	67	5	-
White, female	38	64	72	109	208	269	374	534	682	643	429	179	37	-
Black, male	46	34	37	30	41	51	57	80	44	34	20	4	3	-
Black, female	33	24	36	22	42	54	54	53	54	43	31	18	4	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 23 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Anemias (280-285)	4,092	29	20	12	6	13	80	28	23	47	77	84	103	111
All races, male	1,770	21	11	7	3	10	52	16	11	30	46	49	57	53
All races, female	2,322	8	9	5	3	3	28	12	12	17	31	35	46	58
White, male	1,274	12	3	2	1	3	21	2	3	7	14	9	12	16
White, female	1,862	4	4	1	2	1	12	8	6	5	9	7	8	13
Black, male	460	5	7	5	-	7	24	13	7	22	31	39	45	37
Black, female	427	1	5	3	1	2	12	4	6	10	22	28	37	42
Deficiency anemias (280-281)	277	-	-	-	-	-	-	-	-	-	-	-	1	1
All races, male	102	-	-	-	-	-	-	-	-	-	-	-	1	-
All races, female	175	-	-	-	-	-	-	-	-	-	-	-	-	1
White, male	81	-	-	-	-	-	-	-	-	-	-	-	1	-
White, female	155	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, male	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	19	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemolytic anemias (282-283)	817	22	17	9	3	9	60	18	12	32	55	67	75	69
All races, male	388	17	10	5	1	6	39	13	6	22	33	39	41	29
All races, female	429	5	7	4	2	3	21	5	6	10	22	28	34	40
White, male	133	10	2	1	-	-	13	1	-	2	4	2	4	2
White, female	204	2	2	1	1	1	7	2	1	1	1	1	3	4
Black, male	246	3	7	4	-	6	20	11	5	20	28	37	37	27
Black, female	217	1	5	3	1	2	12	3	5	8	21	27	31	35
Aplastic anemia (284)	1,294	2	3	2	3	4	14	10	10	13	21	14	14	26
All races, male	607	-	1	1	2	4	8	3	5	7	13	9	7	19
All races, female	687	2	2	1	1	-	6	7	5	6	8	5	7	7
White, male	521	-	1	1	1	3	6	1	3	5	10	7	4	13
White, female	623	1	2	-	1	-	4	6	4	4	7	5	3	5
Black, male	71	-	-	-	-	1	1	2	2	2	3	1	3	6
Black, female	47	-	-	-	-	-	-	1	1	1	1	-	3	1
Other and unspecified anemias (285)	1,704	5	-	1	-	-	6	-	1	2	1	3	13	15
All races, male	673	4	-	1	-	-	5	-	-	1	-	1	8	5
All races, female	1,031	1	-	-	-	-	1	-	1	1	1	2	5	10
White, male	539	2	-	-	-	-	2	-	-	-	-	-	3	1
White, female	880	1	-	-	-	-	1	-	1	-	1	1	2	3
Black, male	123	2	-	1	-	-	3	-	-	-	-	1	5	4
Black, female	144	-	-	-	-	-	-	-	-	1	-	1	3	6
Purpura and other hemorrhagic conditions (287)	776	12	-	2	2	-	16	5	5	5	5	13	20	20
All races, male	377	7	-	2	2	-	11	4	2	1	3	7	10	7
All races, female	399	5	-	-	-	-	5	1	3	4	2	6	10	13
White, male	325	4	-	1	2	-	7	4	2	1	3	3	8	5
White, female	343	4	-	-	-	-	4	1	2	3	1	3	8	8
Black, male	44	3	-	-	-	-	3	-	-	-	-	4	2	2
Black, female	52	1	-	-	-	-	1	-	1	1	1	3	2	5
All other diseases of blood and blood-forming organs (286,288-289)	4,159	42	11	5	3	3	64	10	11	20	26	41	61	92
All races, male	2,307	19	7	3	2	1	32	5	8	8	12	25	35	62
All races, female	1,852	23	4	2	1	2	32	5	3	12	14	16	26	30
White, male	2,007	12	6	-	2	1	21	5	5	6	10	22	23	36
White, female	1,622	14	2	1	-	2	19	5	-	7	12	13	12	23
Black, male	263	6	1	3	-	-	10	-	3	2	2	3	12	25
Black, female	208	8	2	1	1	-	12	-	3	4	2	3	14	6
V. Mental disorders (290-319)	25,856	13	4	6	3	4	30	24	30	76	137	336	623	901
All races, male	12,245	5	2	5	1	2	15	15	17	58	98	238	439	672
All races, female	13,611	8	2	1	2	2	15	9	13	18	39	98	184	229
White, male	9,787	3	1	4	1	1	10	11	15	46	72	160	296	443
White, female	12,183	6	2	1	2	2	13	6	7	16	32	69	105	118
Black, male	2,258	2	1	1	-	1	5	3	2	10	19	66	128	210
Black, female	1,301	2	-	-	-	-	2	3	6	2	5	27	72	101
Senile and presenile organic psychotic conditions (290)	8,902	-	-	-	-	-	-	-	-	-	-	-	1	1
All races, male	3,028	-	-	-	-	-	-	-	-	-	-	-	1	1
All races, female	5,874	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	2,755	-	-	-	-	-	-	-	-	-	-	-	-	1
White, female	5,484	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	239	-	-	-	-	-	-	-	-	-	-	-	1	-
Black, female	357	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses (291)	433	-	-	-	-	-	-	-	-	-	1	9	17	20
All races, male	359	-	-	-	-	-	-	-	-	-	1	6	13	12
All races, female	74	-	-	-	-	-	-	-	-	-	-	3	4	8
White, male	264	-	-	-	-	-	-	-	-	-	-	2	5	6
White, female	48	-	-	-	-	-	-	-	-	-	-	1	3	3
Black, male	89	-	-	-	-	-	-	-	-	-	-	2	8	6
Black, female	23	-	-	-	-	-	-	-	-	-	-	2	1	4
All other psychoses (292-299)	3,992	-	-	-	-	-	-	-	-	-	1	8	8	12
All races, male	1,457	-	-	-	-	-	-	-	-	-	1	5	4	7
All races, female	2,535	-	-	-	-	-	-	-	-	-	-	3	4	5
White, male	1,280	-	-	-	-	-	-	-	-	-	-	4	2	5
White, female	2,307	-	-	-	-	-	-	-	-	-	-	3	1	4
Black, male	161	-	-	-	-	-	-	-	-	-	1	1	2	2
Black, female	209	-	-	-	-	-	-	-	-	-	-	-	2	1
Alcohol dependence syndrome (303)	5,223	-	-	-	-	-	-	1	-	3	27	108	262	449
All races, male	4,082	-	-	-	-	-	-	-	-	3	21	79	190	348
All races, female	1,141	-	-	-	-	-	-	1	-	-	6	29	72	101
White, male	2,845	-	-	-	-	-	-	-	-	2	12	48	119	243
White, female	761	-	-	-	-	-	-	1	-	-	3	16	39	47
Black, male	1,142	-	-	-	-	-	-	-	-	1	6	25	62	94
Black, female	334	-	-	-	-	-	-	-	-	-	1	13	28	47

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 24 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Anemias (280-285)	84	61	95	98	174	250	354	496	628	619	440	201	39	-
All races, male	48	34	52	50	74	113	187	236	250	223	128	54	7	-
All races, female	36	27	43	48	100	137	167	260	378	396	312	147	32	-
White, male	22	15	30	33	55	93	155	191	224	201	116	51	4	-
White, female	12	11	23	35	82	103	144	227	347	368	284	130	28	-
Black, male	26	19	21	13	17	18	29	41	23	19	10	3	3	-
Black, female	23	13	19	11	17	31	20	30	31	25	27	16	3	-
Deficiency anemias (280-281)	1	-	2	4	4	14	26	35	41	59	57	25	7	-
All races, male	-	-	-	-	2	5	17	19	12	22	18	3	3	-
All races, female	1	-	2	4	2	9	9	16	29	37	39	22	4	-
White, male	-	-	-	-	1	4	13	13	11	18	16	3	1	-
White, female	1	-	2	3	2	6	6	13	27	35	36	20	3	-
Black, male	-	-	-	-	1	1	4	6	1	4	1	-	2	-
Black, female	-	-	-	1	-	3	3	2	2	2	3	2	1	-
Hemolytic anemias (282-283)	50	28	27	29	30	42	51	45	52	44	21	9	1	-
All races, male	25	16	8	10	8	19	21	18	15	19	5	2	-	-
All races, female	25	12	19	19	22	23	30	27	37	25	16	7	1	-
White, male	5	7	-	5	6	13	17	15	12	18	5	2	-	-
White, female	2	2	8	11	18	18	24	25	31	24	13	7	1	-
Black, male	20	9	8	5	2	6	4	3	3	1	-	-	-	-
Black, female	23	9	11	8	4	4	4	2	6	1	3	-	-	-
Aplastic anemia (284)	22	14	38	37	78	93	144	189	224	182	107	41	3	-
All races, male	15	6	22	20	35	46	82	95	93	74	27	21	-	-
All races, female	7	8	16	17	43	47	62	94	131	108	80	20	3	-
White, male	11	4	15	14	26	44	71	86	87	69	25	20	-	-
White, female	6	7	10	15	34	39	58	86	126	106	76	19	3	-
Black, male	4	2	6	3	8	2	9	7	4	3	2	1	-	-
Black, female	-	-	5	1	8	7	3	6	5	1	3	-	-	-
Other and unspecified anemias (285)	11	19	28	28	62	101	133	227	311	334	255	126	28	-
All races, male	8	12	22	20	29	43	67	104	130	108	78	28	4	-
All races, female	3	7	6	8	33	58	66	123	181	226	177	98	24	-
White, male	6	4	15	14	22	32	54	77	114	96	70	26	3	-
White, female	3	2	3	6	28	40	56	103	163	203	159	84	21	-
Black, male	2	8	7	5	6	9	12	25	15	11	7	2	1	-
Black, female	-	4	3	1	5	17	10	20	18	21	18	14	2	-
Purpura and other hemorrhagic conditions (287)	18	22	29	31	50	66	83	104	103	108	49	20	4	-
All races, male	14	7	19	15	26	34	51	46	52	45	20	3	-	-
All races, female	4	15	10	16	24	32	32	58	51	63	29	17	4	-
White, male	11	6	15	11	22	31	46	41	47	43	17	2	-	-
White, female	2	12	5	14	19	27	25	53	50	60	28	16	2	-
Black, male	3	1	2	3	3	3	5	5	3	2	2	1	-	-
Black, female	2	3	4	2	5	5	7	3	1	3	1	1	1	-
All other diseases of blood and blood-forming organs (286,288-289)	87	105	120	171	311	433	614	703	614	420	199	49	8	-
All races, male	55	55	63	101	177	276	380	426	305	188	78	15	1	-
All races, female	32	50	57	70	134	157	234	277	309	232	121	34	7	-
White, male	37	37	48	85	152	241	352	384	284	174	70	14	1	-
White, female	24	41	44	60	107	139	205	254	285	215	117	33	7	-
Black, male	17	14	14	14	21	30	23	34	18	13	8	-	-	-
Black, female	8	8	13	9	20	18	27	20	22	15	3	1	-	-
V. Mental disorders (290-319)	901	884	919	891	1,094	1,212	1,601	2,505	3,850	4,519	3,539	1,465	313	6
All races, male	700	696	704	687	798	843	939	1,300	1,526	1,394	829	239	32	6
All races, female	201	188	215	204	296	369	662	1,205	2,324	3,125	2,710	1,226	281	-
White, male	408	435	492	499	608	687	791	1,127	1,391	1,281	760	224	28	3
White, female	120	123	130	162	233	302	584	1,086	2,144	2,952	2,569	1,163	249	-
Black, male	272	244	200	178	177	148	136	164	117	97	62	13	4	3
Black, female	70	60	73	38	58	66	76	107	169	155	125	58	28	-
Senile and presenile organic psychotic conditions (290)	1	3	15	39	92	253	547	1,150	1,931	2,260	1,762	698	149	-
All races, male	1	2	8	20	46	148	282	577	746	659	421	107	9	-
All races, female	-	1	7	19	46	105	265	573	1,185	1,601	1,341	591	140	-
White, male	-	2	6	16	38	124	249	507	691	612	397	104	8	-
White, female	-	1	6	14	42	91	229	529	1,100	1,515	1,263	569	125	-
Black, male	1	-	2	4	8	23	28	66	45	38	20	2	1	-
Black, female	-	-	1	4	4	14	36	39	79	77	70	21	12	-
Alcoholic psychoses (291)	31	34	37	44	43	59	61	35	22	17	2	1	-	-
All races, male	25	31	33	35	40	50	53	28	19	11	1	1	-	-
All races, female	6	3	4	9	3	9	8	7	3	6	1	-	-	-
White, male	15	23	27	24	29	41	39	22	18	11	1	1	-	-
White, female	4	-	2	5	1	8	8	5	2	5	1	-	-	-
Black, male	8	7	6	11	11	9	14	6	1	-	-	-	-	-
Black, female	1	3	2	3	2	1	-	2	1	1	-	-	-	-
All other psychoses (292-299)	10	11	12	34	61	122	271	496	810	972	768	331	65	-
All races, male	8	6	8	18	36	74	147	251	317	322	189	57	7	-
All races, female	2	5	4	16	25	48	124	245	493	650	579	274	58	-
White, male	4	5	6	16	28	62	129	214	280	298	169	52	6	-
White, female	2	3	1	12	20	39	112	211	445	606	546	253	49	-
Black, male	4	1	2	2	8	11	16	34	33	21	18	4	1	-
Black, female	-	2	3	4	5	9	12	31	44	39	29	19	9	-
Alcohol dependence syndrome (303)	547	618	677	633	698	544	352	203	68	25	7	-	-	1
All races, male	437	494	526	508	537	426	271	165	51	20	5	-	-	1
All races, female	110	124	151	125	161	118	81	38	17	5	2	-	-	-
White, male	248	299	361	363	397	335	216	139	46	14	2	-	-	1
White, female	56	77	89	99	121	89	69	33	16	4	2	-	-	-
Black, male	176	182	154	137	130	86	52	24	5	5	3	-	-	-
Black, female	47	42	51	24	36	29	12	3	1	-	-	-	-	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 25 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Drug dependence (304)	351	1	–	–	–	–	1	–	–	2	18	38	80	91
All races, male	270	–	–	–	–	–	–	–	–	2	12	32	64	67
All races, female	81	1	–	–	–	–	1	–	–	–	6	6	16	24
White, male	204	–	–	–	–	–	–	–	–	2	12	27	52	52
White, female	53	1	–	–	–	–	1	–	–	–	4	3	11	15
Black, male	63	–	–	–	–	–	–	–	–	–	–	5	12	13
Black, female	27	–	–	–	–	–	–	–	–	–	2	2	5	9
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	6,575	7	1	3	1	1	13	6	9	44	65	145	230	309
All races, male	2,832	4	–	3	1	1	9	3	6	36	51	101	155	225
All races, female	3,743	3	1	–	–	–	4	3	3	8	14	44	75	84
White, male	2,252	2	–	2	1	–	5	2	6	28	39	72	107	125
White, female	3,391	2	1	–	–	–	3	2	2	7	12	34	41	44
Black, male	535	2	–	1	–	1	4	1	–	6	9	25	42	94
Black, female	329	1	–	–	–	–	1	1	1	1	2	10	33	39
Mental retardation (317-319)	380	5	3	3	2	3	16	17	21	27	25	28	25	19
All races, male	217	1	2	2	–	1	6	12	11	17	12	15	12	12
All races, female	163	4	1	1	2	2	10	5	10	10	13	13	13	7
White, male	187	1	1	2	–	1	5	9	9	14	9	7	11	11
White, female	139	3	1	1	2	2	9	3	5	9	13	12	10	5
Black, male	29	–	1	–	–	–	1	2	2	3	3	8	1	1
Black, female	22	1	–	–	–	–	1	2	5	1	–	–	3	1
VI. Diseases of the nervous system and sense organs (320-389)	39,368	659	202	118	91	83	1,153	288	269	375	344	423	524	642
All races, male	18,748	367	119	76	51	52	665	170	151	265	232	259	316	391
All races, female	20,620	292	83	42	40	31	488	118	118	110	112	164	208	251
White, male	16,726	276	87	58	39	43	503	132	116	219	184	203	221	307
White, female	18,769	192	67	31	32	25	347	85	92	92	95	120	148	191
Black, male	1,786	78	28	17	9	9	141	35	30	37	42	52	90	81
Black, female	1,691	87	14	9	8	6	124	25	21	18	16	39	55	56
Diseases of the nervous system (320-359)	39,251	643	199	117	91	83	1,133	287	267	375	342	420	521	638
All races, male	18,693	359	116	75	51	52	653	169	150	265	232	257	313	389
All races, female	20,558	284	83	42	40	31	480	118	117	110	110	163	208	249
White, male	16,684	271	86	57	39	43	496	131	116	219	184	202	218	306
White, female	18,725	187	67	31	32	25	342	85	91	92	93	120	148	190
Black, male	1,773	75	26	17	9	9	136	35	29	37	42	51	90	80
Black, female	1,675	84	14	9	8	6	121	25	21	18	16	38	55	55
Meningitis (320-322)	1,017	197	35	27	11	8	278	23	14	14	15	24	29	45
All races, male	545	108	20	19	9	4	160	15	6	6	9	15	21	39
All races, female	472	89	15	8	2	4	118	8	8	8	6	9	8	6
White, male	371	65	16	12	6	2	101	12	3	4	5	12	14	25
White, female	334	46	11	4	2	3	66	8	5	6	3	5	6	3
Black, male	159	37	4	7	3	2	53	3	3	1	4	2	7	13
Black, female	125	37	3	4	–	1	45	–	3	2	3	3	2	3
Parkinson's disease (332)	7,254	–	–	–	–	–	–	–	–	–	–	–	1	–
All races, male	4,244	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, female	3,010	–	–	–	–	–	–	–	–	–	–	–	1	–
White, male	4,042	–	–	–	–	–	–	–	–	–	–	–	–	–
White, female	2,876	–	–	–	–	–	–	–	–	–	–	–	1	–
Black, male	146	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	99	–	–	–	–	–	–	–	–	–	–	–	–	–
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	19,948	169	64	31	23	22	309	65	65	40	36	50	82	111
All races, male	8,145	104	31	18	15	14	182	37	39	22	18	23	49	67
All races, female	11,803	65	33	13	8	8	127	28	26	18	18	27	33	44
White, male	7,541	89	22	15	13	12	151	29	32	19	16	18	37	60
White, female	11,116	47	28	11	8	7	101	20	20	17	17	20	25	39
Black, male	523	13	6	2	1	2	24	7	4	1	2	5	11	6
Black, female	635	16	5	2	–	1	24	4	4	1	1	6	7	5
Multiple sclerosis (340)	1,647	1	–	–	–	–	1	2	–	2	5	15	52	106
All races, male	594	–	–	–	–	–	–	2	–	2	2	5	14	43
All races, female	1,053	1	–	–	–	–	1	–	–	–	3	10	38	63
White, male	549	–	–	–	–	–	–	2	–	2	2	4	9	36
White, female	955	1	–	–	–	–	1	–	–	–	3	9	30	54
Black, male	43	–	–	–	–	–	–	–	–	–	–	1	5	7
Black, female	96	–	–	–	–	–	–	–	–	–	–	1	6	9
Infantile cerebral palsy (343)	773	42	37	21	18	26	144	101	100	89	49	36	41	33
All races, male	439	21	27	15	6	20	89	63	45	55	30	16	23	14
All races, female	334	21	10	6	12	6	55	38	55	34	19	20	18	19
White, male	354	17	21	13	4	15	70	49	32	42	26	11	16	13
White, female	263	14	6	4	7	5	36	27	43	29	17	16	14	15
Black, male	81	3	6	2	1	5	17	13	13	12	4	5	7	1
Black, female	66	7	3	1	5	1	17	10	11	5	2	4	4	3
Epilepsy (345)	1,627	17	5	3	8	3	36	20	12	46	74	145	135	131
All races, male	907	9	2	1	3	3	18	10	9	22	44	89	77	87
All races, female	720	8	3	2	5	–	18	10	3	24	30	56	58	44
White, male	636	6	–	1	3	3	13	7	8	12	33	64	49	64
White, female	542	7	2	2	5	–	16	5	2	19	24	38	42	30
Black, male	257	3	2	–	–	–	5	3	1	10	10	23	26	22
Black, female	170	1	1	–	–	–	2	3	1	5	5	18	16	14
Other diseases of the nervous system (323-326,341-342,344,346-359)	6,985	217	58	35	31	24	365	76	76	184	163	150	181	212
All races, male	3,819	117	36	22	18	11	204	42	51	158	129	109	129	139
All races, female	3,166	100	22	13	13	13	161	34	25	26	34	41	52	73
White, male	3,191	94	27	16	13	11	161	32	41	140	102	93	93	108
White, female	2,639	72	20	10	10	10	122	25	21	21	29	32	30	49
Black, male	564	19	8	6	4	–	37	9	8	13	22	15	34	31
Black, female	484	23	2	2	3	3	33	8	2	5	5	6	20	21

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Drug dependence (304)	51	26	15	7	6	5	5	2	2	–	1	–	–	1
All races, male	41	22	14	5	3	3	3	1	–	–	–	–	–	1
All races, female	10	4	1	2	3	2	2	1	2	–	1	–	–	–
White, male	28	13	9	2	2	2	2	1	–	–	–	–	–	–
White, female	7	1	1	2	–	2	2	1	2	–	1	–	–	–
Black, male	12	9	5	3	1	1	1	–	–	–	–	–	–	1
Black, female	3	3	–	–	3	–	–	–	–	–	–	–	–	–
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	232	177	142	115	171	202	335	605	1,001	1,241	996	435	98	4
All races, male	171	132	100	87	120	127	166	274	385	380	211	74	15	4
All races, female	61	45	42	28	51	75	169	331	616	861	785	361	83	–
White, male	99	85	68	65	98	108	139	241	348	345	189	67	14	2
White, female	42	35	26	25	42	62	151	301	571	820	755	341	75	–
Black, male	68	44	31	20	19	18	25	33	33	32	21	7	1	2
Black, female	16	10	15	3	8	12	16	28	44	38	26	18	7	–
Mental retardation (317-319)	29	15	21	19	23	27	30	14	16	4	3	–	1	–
All races, male	17	9	15	14	16	15	17	4	8	2	2	–	1	–
All races, female	12	6	6	5	7	12	13	10	8	2	1	–	–	–
White, male	14	8	15	13	16	15	17	3	8	1	2	–	–	–
White, female	9	6	5	5	7	11	13	6	8	2	1	–	–	–
Black, male	3	1	–	1	–	–	–	1	–	1	–	–	1	–
Black, female	3	–	1	–	–	1	–	4	–	–	–	–	–	–
VI. Diseases of the nervous system and sense organs (320-389)	729	797	924	1,230	1,944	3,074	4,316	6,174	6,983	5,389	2,731	902	153	4
All races, male	411	458	508	660	1,005	1,622	2,295	3,101	3,198	2,056	775	185	23	2
All races, female	318	339	416	570	939	1,452	2,021	3,073	3,785	3,333	1,956	717	130	2
White, male	303	362	409	558	877	1,450	2,102	2,894	3,000	1,953	736	177	20	–
White, female	256	266	333	476	825	1,310	1,872	2,866	3,566	3,145	1,868	691	123	2
Black, male	99	91	91	93	112	153	165	176	170	84	32	7	3	2
Black, female	59	67	80	88	107	126	139	188	200	173	80	23	7	–
Diseases of the nervous system (320-359)	726	797	918	1,226	1,935	3,069	4,308	6,166	6,970	5,379	2,723	895	152	4
All races, male	410	458	505	659	999	1,619	2,291	3,098	3,191	2,052	775	183	23	2
All races, female	316	339	413	567	936	1,450	2,017	3,068	3,779	3,327	1,948	712	129	2
White, male	303	362	406	557	871	1,447	2,099	2,891	2,995	1,949	736	176	20	–
White, female	254	266	330	475	824	1,309	1,870	2,861	3,563	3,141	1,860	687	122	2
Black, male	98	91	91	93	112	153	164	176	168	84	32	6	3	2
Black, female	59	67	80	86	106	125	138	188	197	171	80	22	7	–
Meningitis (320-322)	43	37	44	49	67	70	76	67	61	36	20	5	–	–
All races, male	29	23	27	23	35	32	35	26	22	16	4	2	–	–
All races, female	14	14	17	26	32	38	41	41	39	20	16	3	–	–
White, male	17	12	17	15	29	27	27	20	15	12	2	2	–	–
White, female	9	9	8	21	25	33	33	30	32	17	13	2	–	–
Black, male	12	11	8	8	6	4	6	6	7	4	1	–	–	–
Black, female	5	5	9	5	7	5	7	10	6	2	2	1	–	–
Parkinson's disease (332)	3	4	19	31	126	422	969	1,739	1,954	1,335	525	111	14	1
All races, male	–	2	9	19	76	272	630	1,097	1,159	706	232	37	4	1
All races, female	3	2	10	12	50	150	339	642	795	629	293	74	10	–
White, male	–	1	9	18	71	245	597	1,045	1,111	678	226	37	4	–
White, female	3	1	9	10	48	139	322	605	764	609	282	73	10	–
Black, male	–	1	–	–	4	21	25	37	34	18	5	–	–	1
Black, female	–	1	1	1	2	7	12	29	23	13	9	1	–	–
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	139	214	292	482	893	1,512	2,174	3,260	4,031	3,455	1,925	688	124	1
All races, male	82	131	171	255	434	777	1,067	1,442	1,614	1,146	455	117	17	–
All races, female	57	83	121	227	459	735	1,107	1,818	2,417	2,309	1,470	571	107	1
White, male	66	114	149	233	396	725	996	1,345	1,505	1,098	428	110	14	–
White, female	50	66	105	201	426	684	1,043	1,717	2,305	2,194	1,411	553	101	1
Black, male	14	16	18	22	31	43	63	84	98	42	23	6	3	–
Black, female	6	15	16	22	30	47	63	93	106	110	54	15	6	–
Multiple sclerosis (340)	150	172	169	188	211	210	155	120	67	17	4	1	–	–
All races, male	52	73	59	88	75	66	48	38	21	5	1	–	–	–
All races, female	98	99	110	100	136	144	107	82	46	12	3	1	–	–
White, male	45	69	56	79	71	65	46	36	21	5	1	–	–	–
White, female	84	87	93	91	123	135	104	81	45	11	3	1	–	–
Black, male	5	4	3	9	4	1	2	2	–	–	–	–	–	–
Black, female	14	12	17	9	13	9	3	1	1	1	–	–	–	–
Infantile cerebral palsy (343)	24	25	23	15	17	25	21	10	6	10	3	1	–	–
All races, male	17	15	16	8	11	15	10	8	1	2	1	–	–	–
All races, female	7	10	7	7	6	10	11	2	5	8	2	1	–	–
White, male	15	14	13	8	9	15	9	8	1	2	1	–	–	–
White, female	7	6	6	6	6	8	10	2	4	8	2	1	–	–
Black, male	2	1	3	–	2	–	1	–	–	–	–	–	–	–
Black, female	–	4	1	1	–	2	1	–	1	–	–	–	–	–
Epilepsy (345)	140	118	91	88	101	105	94	123	82	49	28	6	2	1
All races, male	81	75	58	50	65	63	50	57	23	17	8	2	1	1
All races, female	59	43	33	38	36	42	44	66	59	32	20	4	1	–
White, male	57	52	35	32	45	43	34	47	20	12	6	2	1	–
White, female	46	32	24	26	26	35	35	52	47	24	16	2	1	–
Black, male	22	23	23	16	19	19	15	10	2	5	2	–	–	1
Black, female	12	10	8	11	9	7	9	14	12	8	4	2	–	–
Other diseases of the nervous system (323-326,341-342,344,346-359)	227	227	280	373	520	725	819	847	769	477	218	83	12	1
All races, male	149	139	165	216	303	394	451	430	351	160	74	25	1	–
All races, female	78	88	115	157	217	331	368	417	418	317	144	58	11	1
White, male	103	100	127	172	250	327	390	390	322	142	72	25	1	–
White, female	55	65	85	120	170	275	323	374	366	278	133	55	10	1
Black, male	43	35	36	38	46	65	52	37	27	15	1	–	–	–
Black, female	22	20	28	37	45	48	43	41	48	37	11	3	1	–

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Disorders of the eye and adnexa (360-379)	41	2	-	-	-	-	2	-	-	-	-	-	1	-
All races, male	12	1	-	-	-	-	1	-	-	-	-	-	1	-
All races, female	29	1	-	-	-	-	1	-	-	-	-	-	-	-
White, male	10	-	-	-	-	-	-	-	-	-	-	-	1	-
White, female	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	2	1	-	-	-	-	1	-	-	-	-	-	-	-
Black, female	9	1	-	-	-	-	1	-	-	-	-	-	-	-
Diseases of the ear and mastoid process (380-389)	76	14	3	1	-	-	18	1	2	-	2	3	2	4
All races, male	43	7	3	1	-	-	11	1	1	-	-	2	2	2
All races, female	33	7	-	-	-	-	7	-	1	-	2	1	-	2
White, male	32	5	1	1	-	-	7	1	-	-	-	1	2	1
White, female	24	5	-	-	-	-	5	-	1	-	2	-	-	1
Black, male	11	2	2	-	-	-	4	-	1	-	-	1	-	1
Black, female	7	2	-	-	-	-	2	-	-	-	-	1	-	1
VII. Diseases of the circulatory system (390-459)	920,245	1,019	154	81	62	45	1,361	166	243	454	807	1,550	3,029	5,357
All races, male	444,763	571	69	40	34	25	739	88	130	293	485	940	1,942	3,744
All races, female	475,482	448	85	41	28	20	622	78	113	161	322	610	1,087	1,613
White, male	391,468	362	39	23	25	18	467	71	100	213	328	654	1,338	2,624
White, female	419,731	287	53	33	17	16	406	55	73	107	196	403	651	971
Black, male	47,557	181	28	14	8	7	238	14	27	70	142	253	554	1,019
Black, female	51,177	141	27	7	9	4	188	18	34	53	118	193	409	606
Rheumatic fever and rheumatic heart disease (390-398)	6,018	7	1	-	-	1	9	4	4	16	19	36	66	109
All races, male	1,830	2	-	-	-	-	2	1	2	8	8	15	35	56
All races, female	4,188	5	1	-	-	1	7	3	2	8	11	21	31	53
White, male	1,655	2	-	-	-	-	2	1	1	4	6	11	27	39
White, female	3,828	4	1	-	-	1	6	3	1	6	6	13	21	33
Black, male	146	-	-	-	-	-	-	-	1	3	1	3	7	14
Black, female	290	1	-	-	-	-	1	-	1	2	5	4	9	20
Acute rheumatic fever (390-392)	66	-	-	-	-	-	-	1	1	1	3	2	3	5
All races, male	32	-	-	-	-	-	-	-	-	-	3	2	2	2
All races, female	34	-	-	-	-	-	-	1	1	1	-	-	1	3
White, male	26	-	-	-	-	-	-	-	-	-	3	2	2	1
White, female	26	-	-	-	-	-	-	1	-	-	-	-	-	2
Black, male	6	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	8	-	-	-	-	-	-	-	1	1	-	-	1	1
Chronic rheumatic heart disease (393-398)	5,952	7	1	-	-	1	9	3	3	15	16	34	63	104
All races, male	1,798	2	-	-	-	-	2	1	2	8	5	13	33	54
All races, female	4,154	5	1	-	-	1	7	2	1	7	11	21	30	50
White, male	1,629	2	-	-	-	-	2	1	1	4	3	9	25	38
White, female	3,802	4	1	-	-	1	6	2	1	6	6	13	21	31
Black, male	140	-	-	-	-	-	-	-	1	3	1	3	7	13
Black, female	282	1	-	-	-	-	1	-	-	1	5	4	8	19
Diseases of mitral valve (394)	2,690	3	1	-	-	-	4	3	2	7	13	23	39	58
All races, male	740	1	-	-	-	-	1	1	1	3	2	6	20	26
All races, female	1,950	2	1	-	-	-	3	2	1	4	11	17	19	32
White, male	675	1	-	-	-	-	1	1	1	1	2	4	17	19
White, female	1,768	2	1	-	-	-	3	2	1	4	6	12	15	21
Black, male	52	-	-	-	-	-	-	-	-	2	-	1	2	6
Black, female	138	-	-	-	-	-	-	-	-	-	5	2	4	11
Diseases of aortic valve (395)	173	-	-	-	-	-	-	-	-	1	-	1	4	2
All races, male	77	-	-	-	-	-	-	-	-	1	-	1	4	-
All races, female	96	-	-	-	-	-	-	-	-	-	-	-	-	2
White, male	66	-	-	-	-	-	-	-	-	1	-	1	2	-
White, female	92	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, male	11	-	-	-	-	-	-	-	-	-	-	-	2	-
Black, female	4	-	-	-	-	-	-	-	-	-	-	-	-	1
Diseases of mitral and aortic valves (396)	1,105	2	-	-	-	1	3	-	1	1	1	3	8	13
All races, male	389	1	-	-	-	-	1	-	1	1	1	2	6	6
All races, female	716	1	-	-	-	1	2	-	-	-	-	1	2	7
White, male	353	1	-	-	-	-	1	-	-	1	1	1	4	4
White, female	665	1	-	-	-	1	2	-	-	-	-	-	1	3
Black, male	32	-	-	-	-	-	-	-	1	-	-	1	2	1
Black, female	46	-	-	-	-	-	-	-	-	-	-	1	1	4
All other chronic rheumatic heart disease (393,397-398)	1,984	2	-	-	-	-	2	-	-	6	2	7	12	31
All races, male	592	-	-	-	-	-	-	-	-	3	2	4	3	22
All races, female	1,392	2	-	-	-	-	2	-	-	3	-	3	9	9
White, male	535	-	-	-	-	-	-	-	-	1	-	3	2	15
White, female	1,277	1	-	-	-	-	1	-	-	2	-	1	5	6
Black, male	45	-	-	-	-	-	-	-	-	1	1	1	1	6
Black, female	94	1	-	-	-	-	1	-	-	1	-	1	3	3
Hypertensive disease (401-404)	32,618	6	-	-	2	-	8	2	2	6	27	61	154	299
All races, male	13,614	2	-	-	-	-	2	1	-	3	18	38	106	208
All races, female	19,004	4	-	-	2	-	6	1	2	3	9	23	48	91
White, male	9,587	1	-	-	-	-	1	1	-	1	5	17	50	83
White, female	14,186	3	-	-	-	-	3	1	2	1	1	4	13	20
Black, male	3,827	1	-	-	-	-	1	-	-	2	13	21	54	120
Black, female	4,625	-	-	-	2	-	2	-	-	2	8	19	34	69
Essential hypertension (401)	4,618	2	-	-	1	-	3	2	-	1	3	4	19	33
All races, male	1,812	2	-	-	-	-	2	1	-	-	2	3	13	23
All races, female	2,806	-	-	-	1	-	1	1	-	1	1	1	6	10
White, male	1,360	1	-	-	-	-	1	1	-	-	-	1	7	12
White, female	2,238	-	-	-	-	-	-	1	-	1	-	1	2	2
Black, male	427	1	-	-	-	-	1	-	-	-	2	2	6	10
Black, female	548	-	-	-	1	-	1	-	-	-	1	-	3	8

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 28 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Disorders of the eye and adnexa (360-379)	1	-	3	3	4	3	1	2	5	6	3	6	1	-
All races, male	-	-	1	-	3	1	-	-	-	3	-	2	-	-
All races, female	1	-	2	3	1	2	1	2	5	3	3	4	1	-
White, male	-	-	1	-	3	1	-	-	-	3	-	1	-	-
White, female	1	-	2	1	-	1	1	2	2	2	3	4	1	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Black, female	-	-	-	2	1	1	-	-	3	1	-	-	-	-
Diseases of the ear and mastoid process (380-389)	2	-	3	1	5	2	7	6	8	4	5	1	-	-
All races, male	1	-	2	1	3	2	4	3	7	1	-	-	-	-
All races, female	1	-	1	-	2	-	3	3	1	3	5	1	-	-
White, male	-	-	2	1	3	2	3	3	5	1	-	-	-	-
White, female	1	-	1	-	1	-	1	3	1	2	5	-	-	-
Black, male	1	-	-	-	-	-	1	-	2	-	-	-	-	-
Black, female	-	-	-	-	-	-	1	-	-	1	-	1	-	-
VII. Diseases of the circulatory system (390-459)	9,617	14,915	21,630	34,619	57,779	86,842	112,876	142,000	155,871	138,164	88,706	36,231	7,902	126
All races, male	6,942	10,673	15,264	23,857	38,120	54,246	65,348	73,070	67,831	47,761	23,996	7,781	1,440	73
All races, female	2,675	4,242	6,366	10,762	19,659	32,596	47,528	68,930	88,040	90,403	64,710	28,450	6,462	53
White, male	5,225	8,339	12,165	19,579	32,592	47,135	58,209	65,977	61,994	43,906	22,168	7,156	1,190	38
White, female	1,703	2,878	4,471	8,041	15,302	26,567	40,723	60,715	79,874	83,674	60,597	26,598	5,693	33
Black, male	1,575	2,133	2,818	3,882	5,041	6,417	6,373	6,267	5,050	3,310	1,551	567	224	32
Black, female	913	1,273	1,761	2,491	4,036	5,542	6,243	7,550	7,499	6,146	3,700	1,664	721	19
Rheumatic fever and rheumatic heart disease (390-398)	144	148	226	340	518	765	859	960	911	564	242	65	13	-
All races, male	60	67	64	131	203	281	280	245	215	115	32	8	2	-
All races, female	84	81	162	209	315	484	579	715	696	449	210	57	11	-
White, male	43	53	57	119	175	264	269	231	207	108	29	7	2	-
White, female	53	64	128	175	281	440	545	685	672	431	201	53	11	-
Black, male	14	14	5	10	23	14	10	11	7	5	3	1	-	-
Black, female	26	12	30	26	25	36	29	18	20	15	8	3	-	-
Acute rheumatic fever (390-392)	2	3	2	8	6	9	6	3	7	4	-	-	-	-
All races, male	-	2	1	3	5	6	3	-	-	3	-	-	-	-
All races, female	2	1	1	5	1	3	3	3	7	1	-	-	-	-
White, male	-	1	1	1	4	6	3	-	-	2	-	-	-	-
White, female	1	-	1	4	1	2	3	3	7	1	-	-	-	-
Black, male	-	1	-	2	1	-	-	-	-	1	-	-	-	-
Black, female	1	1	-	1	-	1	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (393-398)	142	145	224	332	512	756	853	957	904	560	242	65	13	-
All races, male	60	65	63	128	198	275	277	245	215	112	32	8	2	-
All races, female	82	80	161	204	314	481	576	712	689	448	210	57	11	-
White, male	43	52	56	118	171	258	266	231	207	106	29	7	2	-
White, female	52	64	127	171	280	438	542	682	665	430	201	53	11	-
Black, male	14	13	5	8	22	14	10	11	7	4	3	1	-	-
Black, female	25	11	30	25	25	35	29	18	20	15	8	3	-	-
Diseases of mitral valve (394)	64	73	114	156	253	361	414	442	354	214	73	19	4	-
All races, male	27	30	30	45	87	121	123	102	66	38	8	2	1	-
All races, female	37	43	84	111	166	240	291	340	288	176	65	17	3	-
White, male	21	23	27	42	71	114	120	98	64	38	8	2	1	-
White, female	24	33	64	94	143	215	276	328	280	168	60	16	3	-
Black, male	5	7	1	1	14	6	3	3	1	-	-	-	-	-
Black, female	12	7	17	10	17	18	13	5	6	6	5	-	-	-
Diseases of aortic valve (395)	5	10	7	8	18	14	13	24	36	15	12	3	-	-
All races, male	4	8	3	4	11	7	5	11	12	4	1	1	-	-
All races, female	1	2	4	4	7	7	8	13	24	11	11	2	-	-
White, male	4	7	3	3	9	7	4	9	11	4	-	1	-	-
White, female	1	2	3	3	7	7	8	13	23	11	11	2	-	-
Black, male	-	1	-	1	2	-	1	2	1	-	1	-	-	-
Black, female	-	-	1	1	-	-	-	-	1	-	-	-	-	-
Diseases of mitral and aortic valves (396)	19	17	31	53	75	137	121	174	209	143	72	18	6	-
All races, male	12	9	10	29	34	57	53	55	61	35	14	1	1	-
All races, female	7	8	21	24	41	80	68	119	148	108	58	17	5	-
White, male	6	7	8	29	31	56	49	51	59	31	12	1	1	-
White, female	5	8	16	20	39	74	63	110	143	105	56	15	5	-
Black, male	6	2	2	-	2	1	4	3	2	3	2	-	-	-
Black, female	2	-	5	4	2	5	5	6	5	3	1	2	-	-
All other chronic rheumatic heart disease (393,397-398)	54	45	72	115	166	244	305	317	305	188	85	25	3	-
All races, male	17	18	20	50	66	90	96	77	76	35	9	4	-	-
All races, female	37	27	52	65	100	154	209	240	229	153	76	21	3	-
White, male	12	15	18	44	60	81	93	73	73	33	9	3	-	-
White, female	22	21	44	54	91	142	195	231	219	146	74	20	3	-
Black, male	3	3	2	6	4	7	2	3	3	1	-	1	-	-
Black, female	11	4	7	10	6	12	11	7	8	6	2	1	-	-
Hypertensive disease (401-404)	545	793	1,088	1,602	2,314	3,305	3,929	4,797	5,119	4,547	2,798	1,034	181	7
All races, male	369	490	677	982	1,303	1,747	1,842	1,944	1,776	1,296	598	176	34	4
All races, female	176	303	411	620	1,011	1,558	2,087	2,853	3,343	3,251	2,200	858	147	3
White, male	183	239	362	594	835	1,190	1,340	1,519	1,413	1,063	502	144	24	1
White, female	63	119	164	307	552	1,006	1,405	2,155	2,777	2,775	1,939	758	120	1
Black, male	179	246	303	377	444	525	487	394	334	199	86	30	9	3
Black, female	112	181	243	304	447	523	657	666	542	446	246	97	25	2
Essential hypertension (401)	65	98	151	240	323	460	595	698	683	617	405	184	33	1
All races, male	40	66	91	140	175	248	283	276	211	144	66	25	3	-
All races, female	25	32	60	100	148	212	312	422	472	473	339	159	30	1
White, male	15	39	58	99	125	173	224	233	167	125	56	21	3	-
White, female	14	13	28	59	99	151	238	345	404	413	302	137	28	-
Black, male	22	27	31	39	47	71	58	38	41	19	9	4	-	-
Black, female	11	19	31	40	48	59	70	75	67	56	34	22	2	1

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 29 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Hypertensive disease-Con.														
Hypertensive heart disease (402)	21,072	-	-	-	1	-	1	-	2	2	14	42	106	205
All races, male	8,822	-	-	-	-	-	-	-	-	2	11	28	75	139
All races, female	12,250	-	-	-	1	-	1	-	2	-	3	14	31	66
White, male	6,077	-	-	-	-	-	-	-	-	1	4	15	36	62
White, female	9,088	-	-	-	-	-	-	-	2	-	-	1	9	15
Black, male	2,608	-	-	-	-	-	-	-	-	1	7	13	38	75
Black, female	3,028	-	-	-	1	-	1	-	-	-	3	13	22	49
Hypertensive renal disease (403)	4,551	3	-	-	-	-	3	-	-	3	3	9	14	42
All races, male	2,021	-	-	-	-	-	-	-	-	1	1	6	11	31
All races, female	2,530	3	-	-	-	-	3	-	-	2	2	3	3	11
White, male	1,502	-	-	-	-	-	-	-	-	-	-	1	4	8
White, female	1,860	2	-	-	-	-	2	-	-	-	-	1	-	2
Black, male	492	-	-	-	-	-	-	-	-	1	1	5	6	21
Black, female	642	-	-	-	-	-	-	-	-	2	2	2	3	9
Hypertensive heart and renal disease (404)	2,377	1	-	-	-	-	1	-	-	-	7	6	15	19
All races, male	959	-	-	-	-	-	-	-	-	-	4	1	7	15
All races, female	1,418	1	-	-	-	-	1	-	-	-	3	5	8	4
White, male	648	-	-	-	-	-	-	-	-	-	1	-	3	1
White, female	1,000	1	-	-	-	-	1	-	-	-	1	1	2	1
Black, male	300	-	-	-	-	-	-	-	-	-	3	1	4	14
Black, female	407	-	-	-	-	-	-	-	-	-	2	4	6	3
Ischemic heart disease (410-414)	489,171	26	6	2	1	-	35	5	14	25	88	271	792	1,993
All races, male	252,597	15	2	-	1	-	18	1	9	16	62	202	611	1,598
All races, female	236,574	11	4	2	-	-	17	4	5	9	26	69	181	395
White, male	229,937	10	1	-	1	-	12	1	8	13	42	154	473	1,285
White, female	213,922	8	3	1	-	-	12	1	4	5	20	49	130	268
Black, male	19,858	4	-	-	-	-	4	-	1	3	18	42	123	282
Black, female	20,713	2	1	1	-	-	4	2	1	4	6	20	49	115
Acute myocardial infarction (410)	239,008	16	5	-	-	-	21	2	8	14	57	161	446	1,148
All races, male	129,483	9	2	-	-	-	11	-	5	9	34	117	339	889
All races, female	109,525	7	3	-	-	-	10	2	3	5	23	44	107	259
White, male	117,850	6	1	-	-	-	7	-	5	8	23	85	267	726
White, female	98,402	6	2	-	-	-	8	1	3	3	17	33	76	179
Black, male	10,260	2	-	-	-	-	2	-	-	1	10	30	69	149
Black, female	10,176	-	1	-	-	-	1	-	-	2	6	11	29	69
Other acute and subacute forms of ischemic heart disease (411)	3,333	-	-	-	-	-	-	-	-	1	2	6	16	33
All races, male	1,968	-	-	-	-	-	-	-	-	1	2	4	12	22
All races, female	1,365	-	-	-	-	-	-	-	-	-	-	2	4	11
White, male	1,667	-	-	-	-	-	-	-	-	-	1	3	8	19
White, female	1,140	-	-	-	-	-	-	-	-	-	-	1	3	7
Black, male	272	-	-	-	-	-	-	-	-	1	-	1	3	2
Black, female	207	-	-	-	-	-	-	-	-	-	-	1	1	4
Angina pectoris (413)	1,070	-	-	-	-	-	-	1	-	-	1	-	4	3
All races, male	443	-	-	-	-	-	-	-	-	-	1	-	2	3
All races, female	627	-	-	-	-	-	-	1	-	-	-	-	2	-
White, male	391	-	-	-	-	-	-	-	-	-	1	-	1	2
White, female	568	-	-	-	-	-	-	-	-	-	-	-	1	-
Black, male	48	-	-	-	-	-	-	-	-	-	-	-	1	1
Black, female	55	-	-	-	-	-	-	1	-	-	-	-	1	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	245,760	10	1	2	1	-	14	2	6	10	28	104	326	809
All races, male	120,703	6	-	-	1	-	7	1	4	6	25	81	258	684
All races, female	125,057	4	1	2	-	-	7	1	2	4	3	23	68	125
White, male	110,029	4	-	-	1	-	5	1	3	5	17	66	197	538
White, female	113,812	2	1	1	-	-	4	-	1	2	3	15	50	82
Black, male	9,278	2	-	-	-	-	2	-	1	1	8	11	50	130
Black, female	10,275	2	-	1	-	-	3	1	1	2	-	8	18	42
Diseases of pulmonary circulation (415-417)	11,848	182	8	8	4	4	206	12	21	44	80	112	183	265
All races, male	5,382	99	3	4	2	1	109	6	7	20	27	47	81	132
All races, female	6,466	83	5	4	2	3	97	6	14	24	53	65	102	133
White, male	4,438	69	3	4	2	1	79	6	7	12	14	24	59	86
White, female	5,349	59	3	3	1	1	67	5	9	16	31	44	59	89
Black, male	889	26	-	-	-	-	26	-	-	7	12	20	22	42
Black, female	1,062	19	2	1	1	2	25	1	4	8	21	19	43	43
Other forms of heart disease (420-429)	189,572	578	119	53	42	32	824	103	143	257	365	622	1,039	1,477
All races, male	91,198	326	56	30	22	20	454	57	86	187	243	413	705	1,068
All races, female	98,374	252	63	23	20	12	370	46	57	70	122	209	334	409
White, male	76,607	199	30	16	16	15	276	45	63	134	166	275	450	699
White, female	84,815	149	37	18	13	10	227	33	36	50	71	135	198	238
Black, male	13,237	111	25	11	6	5	158	11	21	47	69	124	237	334
Black, female	12,573	91	22	5	5	2	125	10	17	20	48	71	130	163
Acute and subacute endocarditis (421)	921	7	-	-	-	-	7	1	4	2	11	27	35	37
All races, male	541	4	-	-	-	-	4	1	3	-	2	12	25	26
All races, female	380	3	-	-	-	-	3	-	1	2	9	15	10	11
White, male	431	3	-	-	-	-	3	1	2	-	1	8	16	15
White, female	293	1	-	-	-	-	1	-	-	1	4	12	6	3
Black, male	102	1	-	-	-	-	1	-	1	-	1	2	8	9
Black, female	81	2	-	-	-	-	2	-	1	1	4	3	4	8
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	815	46	16	8	3	3	76	8	11	15	22	29	46	40
All races, male	449	24	6	6	1	1	38	3	6	11	11	15	22	22
All races, female	366	22	10	2	2	2	38	5	5	4	11	14	24	18
White, male	357	15	3	1	-	1	20	2	5	8	8	13	13	14
White, female	281	8	6	2	2	1	19	3	4	1	6	9	16	14
Black, male	79	6	3	4	1	-	14	1	1	2	3	1	8	7
Black, female	77	11	3	-	-	1	15	2	1	3	5	4	7	4

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 30 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Hypertensive disease-Con.														
Hypertensive heart disease (402)	403	602	797	1,151	1,659	2,256	2,489	2,988	3,111	2,787	1,728	621	103	5
All races, male	279	369	506	732	968	1,215	1,179	1,186	1,044	686	294	93	13	3
All races, female	124	233	291	419	691	1,041	1,310	1,802	2,067	2,101	1,434	528	90	2
White, male	152	181	278	447	616	828	831	925	815	566	241	70	9	–
White, female	43	92	123	208	366	666	856	1,359	1,735	1,807	1,269	468	68	1
Black, male	123	183	219	278	337	364	335	242	206	112	47	21	4	3
Black, female	80	139	165	204	315	355	439	421	317	272	154	57	21	1
Hypertensive renal disease (403)	41	62	86	128	204	361	572	764	858	768	442	156	34	1
All races, male	28	33	48	65	102	169	264	342	351	339	173	44	12	1
All races, female	13	29	38	63	102	192	308	422	507	429	269	112	22	–
White, male	10	10	16	31	63	114	200	266	295	286	148	40	9	1
White, female	4	11	9	24	48	122	212	296	411	359	237	103	19	–
Black, male	18	23	31	32	35	53	63	71	55	49	22	4	2	–
Black, female	9	17	29	38	53	64	92	121	93	66	31	9	2	–
Hypertensive heart and renal disease (404)	36	31	54	83	128	228	273	347	467	375	223	73	11	–
All races, male	22	22	32	45	58	115	116	140	170	127	65	14	6	–
All races, female	14	9	22	38	70	113	157	207	297	248	158	59	5	–
White, male	6	9	10	17	31	75	85	95	136	106	57	13	3	–
White, female	2	3	4	16	39	67	99	155	227	196	131	50	5	–
Black, male	16	13	22	28	25	37	31	43	32	19	8	1	3	–
Black, female	12	6	18	22	31	45	56	49	65	52	27	9	–	–
Ischemic heart disease (410-414)	4,482	7,702	11,755	19,564	32,917	49,378	63,761	78,056	82,386	70,269	43,863	17,852	3,922	41
All races, male	3,671	6,112	9,031	14,423	22,952	32,367	38,677	42,042	37,706	25,704	12,644	4,003	726	22
All races, female	811	1,590	2,724	5,141	9,965	17,011	25,084	36,014	44,680	44,565	31,219	13,849	3,196	19
White, male	3,108	5,237	7,730	12,551	20,568	29,212	35,400	38,801	35,202	23,977	11,804	3,733	612	14
White, female	589	1,190	2,072	4,104	8,146	14,373	22,183	32,483	41,134	41,742	29,481	13,074	2,851	11
Black, male	498	764	1,159	1,645	2,154	2,805	2,882	2,817	2,144	1,465	694	245	105	8
Black, female	214	379	616	947	1,679	2,414	2,638	3,226	3,244	2,576	1,543	700	329	7
Acute myocardial infarction (410)	2,597	4,601	7,060	11,580	18,877	27,547	34,192	40,112	39,342	29,576	15,300	5,307	1,045	15
All races, male	2,135	3,659	5,453	8,517	13,030	17,849	20,381	21,460	18,217	11,115	4,756	1,290	209	8
All races, female	462	942	1,607	3,063	5,847	9,698	13,811	18,652	21,125	18,461	10,544	4,017	836	7
White, male	1,824	3,178	4,712	7,468	11,761	16,163	18,707	19,809	16,991	10,369	4,396	1,176	169	6
White, female	342	732	1,242	2,484	4,809	8,260	12,256	16,851	19,493	17,261	9,892	3,754	703	3
Black, male	269	420	651	912	1,146	1,515	1,474	1,440	1,069	651	308	106	36	2
Black, female	115	200	345	535	956	1,313	1,413	1,642	1,497	1,095	580	235	128	4
Other acute and subacute forms of ischemic heart disease (411)	77	137	183	228	332	402	409	466	398	333	200	84	25	1
All races, male	65	114	142	175	231	289	265	250	189	121	63	19	3	1
All races, female	12	23	41	53	101	113	144	216	209	212	137	65	22	–
White, male	49	91	115	148	186	244	232	219	171	105	55	17	3	1
White, female	6	17	32	42	78	86	117	178	182	187	127	58	19	–
Black, male	14	21	26	24	43	40	32	28	13	15	8	1	–	–
Black, female	6	5	9	9	23	22	26	36	24	23	8	7	3	–
Angina pectoris (413)	14	8	14	25	47	101	135	168	189	186	115	48	11	–
All races, male	10	6	8	18	28	66	76	68	67	52	25	9	4	–
All races, female	4	2	6	7	19	35	59	100	122	134	90	39	7	–
White, male	8	5	7	12	22	58	67	64	61	49	23	7	4	–
White, female	2	2	2	6	15	31	48	92	111	125	87	39	7	–
Black, male	2	1	1	5	5	8	9	4	6	1	2	2	–	–
Black, female	2	–	3	1	4	4	9	8	11	8	3	–	–	–
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	1,794	2,956	4,498	7,731	13,661	21,328	29,025	37,310	42,457	40,174	28,248	12,413	2,841	25
All races, male	1,461	2,333	3,428	5,713	9,663	14,163	17,955	20,264	19,233	14,416	7,800	2,685	510	13
All races, female	333	623	1,070	2,018	3,998	7,165	11,070	17,046	23,224	25,758	20,448	9,728	2,331	12
White, male	1,227	1,963	2,896	4,923	8,599	12,747	16,394	18,709	17,979	13,454	7,330	2,533	436	7
White, female	239	439	796	1,572	3,244	5,996	9,762	15,362	21,348	24,169	19,375	9,223	2,122	8
Black, male	213	322	481	704	960	1,242	1,367	1,345	1,056	798	376	136	69	6
Black, female	91	174	259	402	696	1,075	1,190	1,540	1,712	1,450	952	458	198	3
Diseases of pulmonary circulation (415-417)	302	347	412	666	971	1,429	1,573	1,794	1,603	1,111	525	166	21	5
All races, male	152	162	205	363	507	768	775	829	643	347	153	43	3	3
All races, female	150	185	207	303	464	661	798	965	960	764	372	123	18	2
White, male	113	124	155	276	407	646	669	706	557	314	140	39	3	2
White, female	96	132	153	231	379	530	681	826	858	691	333	105	13	1
Black, male	37	37	49	81	96	115	102	115	80	30	13	4	–	1
Black, female	51	47	50	68	80	126	114	137	97	69	35	18	5	1
Other forms of heart disease (420-429)	2,320	3,345	4,785	7,293	12,256	17,063	21,299	26,680	30,541	28,609	19,885	8,605	2,008	53
All races, male	1,709	2,437	3,380	4,971	8,131	10,701	12,365	13,688	13,244	9,709	5,353	1,906	360	31
All races, female	611	908	1,405	2,322	4,125	6,362	8,934	12,992	17,297	18,900	14,532	6,699	1,648	22
White, male	1,151	1,764	2,528	3,777	6,557	8,816	10,610	11,973	11,707	8,724	4,867	1,714	295	16
White, female	379	597	934	1,650	3,065	4,957	7,401	11,060	15,407	17,267	13,493	6,178	1,424	15
Black, male	514	627	773	1,107	1,452	1,729	1,596	1,557	1,354	865	420	175	54	13
Black, female	217	296	441	628	990	1,316	1,428	1,791	1,752	1,493	962	463	205	7
Acute and subacute endocarditis (421)	58	47	38	48	72	119	109	111	90	66	29	6	4	–
All races, male	48	31	27	31	44	74	66	62	40	27	14	2	2	–
All races, female	10	16	11	17	28	45	43	49	50	39	15	4	2	–
White, male	24	22	15	26	38	60	61	58	37	26	14	2	2	–
White, female	4	11	9	14	18	39	33	38	46	35	14	3	2	–
Black, male	23	9	12	5	6	14	4	4	2	1	–	–	–	–
Black, female	6	5	2	3	9	5	8	10	4	4	1	1	–	–
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	41	41	37	50	70	93	64	71	55	29	13	4	–	–
All races, male	23	24	22	28	43	56	39	38	30	12	4	2	–	–
All races, female	18	17	15	22	27	37	25	33	25	17	9	2	–	–
White, male	15	23	19	22	37	46	31	35	28	12	4	2	–	–
White, female	12	13	12	18	23	33	22	28	22	15	9	2	–	–
Black, male	8	1	1	5	6	10	6	3	2	–	–	–	–	–
Black, female	6	4	3	3	4	4	3	4	3	2	–	–	–	–

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Other forms of heart disease-Con.														
Other diseases of endocardium (424)	13,004	17	1	4	2	–	24	5	9	13	21	39	80	84
All races, male	5,500	8	–	1	2	–	11	–	6	7	16	25	50	57
All races, female	7,504	9	1	3	–	–	13	5	3	6	5	14	30	27
White, male	5,023	6	–	1	2	–	9	–	3	5	12	18	34	36
White, female	6,928	9	1	2	–	–	12	3	3	6	4	9	22	18
Black, male	414	2	–	–	–	–	2	–	3	2	4	7	15	20
Black, female	510	–	–	1	–	–	1	2	–	–	1	5	7	9
Mitral valve disorders (424.0)	2,044	3	–	1	1	–	5	2	2	4	3	11	19	15
All races, male	736	1	–	–	1	–	2	–	–	2	2	5	10	7
All races, female	1,308	2	–	1	–	–	3	2	2	2	1	6	9	8
White, male	691	1	–	–	1	–	2	–	–	1	1	4	9	7
White, female	1,195	2	–	1	–	–	3	1	2	2	1	5	7	6
Black, male	39	–	–	–	–	–	–	–	–	1	1	1	1	–
Black, female	97	–	–	–	–	–	–	1	–	–	–	1	2	2
Aortic valve disorders (424.1)	7,966	12	–	2	1	–	15	2	6	6	7	18	28	34
All races, male	3,593	6	–	1	1	–	8	–	5	4	6	15	23	28
All races, female	4,373	6	–	1	–	–	7	2	1	2	1	3	5	6
White, male	3,311	4	–	1	1	–	6	–	2	4	5	10	15	21
White, female	4,091	6	–	1	–	–	7	1	1	2	1	1	3	6
Black, male	245	2	–	–	–	–	2	–	3	–	1	5	8	6
Black, female	255	–	–	–	–	–	–	1	–	–	–	2	2	–
All other diseases of endocardium (424.2-424.9)	2,994	2	1	1	–	–	4	1	1	3	11	10	33	35
All races, male	1,171	1	–	–	–	–	1	–	1	1	8	5	17	22
All races, female	1,823	1	1	1	–	–	3	1	–	2	3	5	16	13
White, male	1,021	1	–	–	–	–	1	–	1	–	6	4	10	8
White, female	1,642	1	1	–	–	–	2	1	–	2	2	3	12	6
Black, male	130	–	–	–	–	–	–	–	–	1	2	1	6	14
Black, female	158	–	–	1	–	–	1	–	–	–	1	2	3	7
Heart failure (428)	37,927	39	9	2	1	5	56	9	8	9	13	26	38	74
All races, male	15,089	27	6	2	1	3	39	6	3	8	8	15	21	48
All races, female	22,838	12	3	–	–	2	17	3	5	1	5	11	17	26
White, male	13,314	15	3	1	–	2	21	5	1	4	6	7	16	33
White, female	20,488	7	3	–	–	2	12	2	5	–	3	3	11	16
Black, male	1,631	11	2	1	1	1	16	1	2	3	2	8	5	12
Black, female	2,166	5	–	–	–	–	5	–	–	1	2	8	6	10
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	1,079	33	14	1	1	4	53	7	15	17	28	24	46	45
All races, male	530	13	7	1	–	1	22	3	8	13	18	16	24	25
All races, female	549	20	7	–	1	3	31	4	7	4	10	8	22	20
White, male	424	5	3	1	–	1	10	3	7	10	14	12	16	17
White, female	421	6	1	–	–	2	9	2	1	4	7	6	11	15
Black, male	99	7	4	–	–	–	11	–	1	3	4	4	8	7
Black, female	120	14	5	–	1	1	21	2	6	–	3	2	11	4
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	135,826	436	79	38	35	20	608	73	96	201	270	477	794	1,197
All races, male	69,089	250	37	20	18	15	340	44	60	148	188	330	563	890
All races, female	66,737	186	42	18	17	5	268	29	36	53	82	147	231	307
White, male	57,058	155	21	12	14	11	213	34	45	107	125	217	355	584
White, female	56,404	118	26	14	11	5	174	23	23	38	47	96	132	172
Black, male	10,912	84	16	6	4	4	114	9	13	37	55	102	193	279
Black, female	9,619	59	14	4	4	–	81	4	9	15	33	49	95	128
Cerebrovascular diseases (430-438)	144,088	148	16	15	7	7	193	33	40	74	160	334	603	957
All races, male	56,697	88	6	6	6	4	110	18	18	45	83	155	300	503
All races, female	87,391	60	10	9	1	3	83	15	22	29	77	179	303	454
White, male	48,024	49	3	3	5	2	62	13	15	38	61	117	202	309
White, female	76,502	40	8	8	1	3	60	11	16	20	52	130	173	267
Black, male	7,653	33	3	3	1	2	42	3	3	5	20	30	89	178
Black, female	9,754	19	1	–	–	–	20	3	6	8	22	44	117	175
Subarachnoid hemorrhage (430)	6,815	9	2	2	–	1	14	5	16	20	73	161	288	393
All races, male	2,379	6	1	1	–	1	9	2	7	11	42	67	127	161
All races, female	4,436	3	1	1	–	–	5	3	9	9	31	94	161	232
White, male	1,971	3	–	–	–	1	4	1	6	9	32	56	92	123
White, female	3,585	1	1	1	–	–	3	2	6	7	24	70	90	137
Black, male	345	1	1	1	–	–	3	1	1	2	9	9	32	30
Black, female	697	2	–	–	–	–	2	–	3	2	7	21	63	88
Intracerebral and other intracranial hemorrhage (431-432)	20,575	61	3	5	2	2	73	8	11	31	52	118	197	341
All races, male	9,227	37	1	2	2	1	43	5	6	22	22	62	113	212
All races, female	11,348	24	2	3	–	1	30	3	5	9	30	56	84	129
White, male	7,252	16	1	2	2	–	21	4	5	20	15	40	67	114
White, female	9,524	16	1	2	–	1	20	1	4	7	16	38	49	76
Black, male	1,665	19	–	–	–	1	20	–	1	1	7	16	41	92
Black, female	1,562	7	–	–	–	–	7	2	1	2	11	17	31	48
Occlusion and stenosis of precerebral arteries (433)	1,256	1	–	1	–	–	2	–	–	1	4	3	7	13
All races, male	697	–	–	1	–	–	1	–	–	1	2	1	2	10
All races, female	559	1	–	–	–	–	1	–	–	–	2	2	5	3
White, male	651	–	–	1	–	–	1	–	–	–	–	1	1	8
White, female	503	1	–	–	–	–	1	–	–	–	2	1	5	2
Black, male	43	–	–	–	–	–	–	–	–	1	2	–	1	2
Black, female	49	–	–	–	–	–	–	–	–	–	–	1	–	1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	18,261	15	4	2	–	1	22	8	3	6	14	17	30	62
All races, male	7,032	9	1	1	–	1	12	3	1	3	8	8	20	33
All races, female	11,229	6	3	1	–	–	10	5	2	3	6	9	10	29
White, male	6,087	6	1	–	–	1	8	2	1	2	6	7	16	22
White, female	9,992	4	3	1	–	–	8	4	2	1	4	7	5	17
Black, male	851	2	–	1	–	–	3	1	–	1	1	1	3	11
Black, female	1,126	2	–	–	–	–	2	1	–	2	2	2	4	12

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Other forms of heart disease-Con.														
Other diseases of endocardium (424)	140	159	238	342	612	958	1,438	2,049	2,555	2,361	1,334	475	66	2
All races, male	88	111	148	200	372	539	736	938	999	751	343	94	9	-
All races, female	52	48	90	142	240	419	702	1,111	1,556	1,610	991	381	57	2
White, male	60	81	122	170	345	488	674	880	945	716	324	92	9	-
White, female	35	38	66	110	201	367	643	1,024	1,469	1,527	959	359	51	2
Black, male	27	27	23	29	23	43	57	46	44	26	14	2	-	-
Black, female	17	10	22	28	30	49	51	77	77	73	28	17	6	-
Mitral valve disorders (424.0)	21	17	31	62	103	201	262	329	407	333	149	61	7	-
All races, male	10	9	16	29	49	88	108	121	140	95	31	12	-	-
All races, female	11	8	15	33	54	113	154	208	267	238	118	49	7	-
White, male	8	4	13	28	48	81	100	117	135	91	30	12	-	-
White, female	8	7	10	25	45	96	141	192	250	226	113	48	7	-
Black, male	2	5	3	1	1	4	7	4	4	3	1	-	-	-
Black, female	3	1	5	6	7	16	10	14	16	9	4	-	-	-
Aortic valve disorders (424.1)	67	91	115	173	341	524	823	1,253	1,607	1,543	945	322	44	2
All races, male	52	68	79	121	241	338	461	625	661	524	259	67	8	-
All races, female	15	23	36	52	100	186	362	628	946	1,019	686	255	36	2
White, male	37	54	70	102	223	310	417	585	628	505	244	65	8	-
White, female	10	15	27	43	85	165	328	575	904	979	665	240	31	2
Black, male	15	12	7	18	16	25	40	32	27	15	11	2	-	-
Black, female	5	8	8	9	11	20	32	48	37	36	18	13	5	-
All other diseases of endocardium (424.2-424.9)	52	51	92	107	168	233	353	467	541	485	240	92	15	-
All races, male	26	34	53	50	82	113	167	192	198	132	53	15	1	-
All races, female	26	17	39	57	86	120	186	275	343	353	187	77	14	-
White, male	15	23	39	40	74	97	157	178	182	120	50	15	1	-
White, female	17	16	29	42	71	106	174	257	315	322	181	71	13	-
Black, male	10	10	13	10	6	14	10	10	13	8	2	-	-	-
Black, female	9	1	9	13	12	13	9	15	24	28	6	4	1	-
Heart failure (428)	119	213	308	619	1,347	2,249	3,460	5,279	7,204	7,677	5,975	2,654	588	2
All races, male	72	136	188	385	780	1,294	1,871	2,481	2,949	2,481	1,591	592	120	1
All races, female	47	77	120	234	567	955	1,589	2,798	4,255	5,196	4,384	2,062	468	1
White, male	53	95	145	303	643	1,083	1,656	2,196	2,651	2,269	1,479	545	103	-
White, female	37	48	75	155	434	754	1,351	2,432	3,873	4,783	4,146	1,935	412	1
Black, male	19	40	41	79	127	198	200	260	266	195	98	45	13	1
Black, female	8	28	42	71	126	186	222	342	356	368	219	113	53	-
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	45	42	38	47	63	63	96	97	104	107	94	37	10	1
All races, male	22	27	22	31	31	38	55	50	46	42	30	5	2	-
All races, female	23	15	16	16	32	25	41	47	58	65	64	32	8	1
White, male	15	17	15	22	29	35	50	41	41	37	26	5	2	-
White, female	13	12	12	12	18	19	35	38	50	60	60	32	5	-
Black, male	6	10	7	9	2	3	5	8	5	3	3	-	-	-
Black, female	10	2	3	4	14	5	6	8	8	5	3	-	2	1
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	1,917	2,843	4,126	6,187	10,092	13,581	16,132	19,073	20,533	18,369	12,440	5,429	1,340	48
All races, male	1,456	2,108	2,973	4,296	6,861	8,700	9,598	10,119	9,180	6,396	3,371	1,211	227	30
All races, female	461	735	1,153	1,891	3,231	4,881	6,534	8,954	11,353	11,973	9,069	4,218	1,113	18
White, male	984	1,526	2,212	3,234	5,465	7,104	8,138	8,763	8,005	5,664	3,020	1,088	179	16
White, female	278	475	760	1,341	2,371	3,745	5,317	7,500	9,947	10,847	8,305	3,847	954	12
Black, male	431	540	689	980	1,288	1,461	1,324	1,236	1,035	640	305	128	41	12
Black, female	170	247	369	519	807	1,067	1,138	1,350	1,304	1,041	711	332	144	6
Cerebrovascular diseases (430-438)	1,458	2,065	2,625	3,874	6,250	10,482	15,572	22,480	27,508	25,911	16,269	6,055	1,132	13
All races, male	757	1,086	1,419	2,117	3,294	5,493	7,698	10,195	10,501	7,862	3,740	1,105	191	7
All races, female	701	979	1,206	1,757	2,956	4,989	7,874	12,285	17,007	18,049	12,529	4,950	941	6
White, male	472	677	958	1,529	2,507	4,398	6,521	8,940	9,429	7,160	3,445	1,018	153	-
White, female	428	634	839	1,256	2,218	3,945	6,574	10,702	15,325	16,667	11,730	4,629	822	4
Black, male	267	382	422	542	703	980	1,028	1,100	905	583	254	77	34	6
Black, female	249	308	317	434	666	937	1,157	1,431	1,518	1,247	698	287	108	2
Subarachnoid hemorrhage (430)	492	598	591	658	689	747	637	565	464	280	99	24	1	-
All races, male	199	235	230	228	252	261	204	149	124	53	13	5	-	-
All races, female	293	363	361	430	437	486	433	416	340	227	86	19	1	-
White, male	152	184	189	191	207	227	185	134	118	46	11	4	-	-
White, female	199	279	308	344	366	404	373	368	299	207	79	19	1	-
Black, male	42	46	37	33	36	27	14	10	5	5	2	1	-	-
Black, female	83	67	44	70	56	62	45	38	28	12	6	-	-	-
Intracerebral and other intracranial hemorrhage (431-432)	575	794	936	1,199	1,654	2,197	2,771	3,243	3,101	2,101	890	248	31	4
All races, male	338	460	546	663	870	1,127	1,296	1,392	1,140	615	229	57	6	3
All races, female	237	334	390	536	784	1,070	1,475	1,851	1,961	1,486	661	191	25	1
White, male	172	246	350	463	661	903	1,108	1,234	1,005	563	209	48	4	-
White, female	132	171	251	366	597	876	1,274	1,650	1,800	1,384	620	173	19	-
Black, male	158	197	174	180	176	188	136	114	101	35	15	8	2	3
Black, female	97	150	117	144	164	167	158	166	132	90	34	17	6	1
Occlusion and stenosis of precerebral arteries (433)	15	39	42	50	95	160	204	220	180	135	49	13	4	-
All races, male	7	25	31	36	61	115	112	123	94	56	17	3	-	-
All races, female	8	14	11	14	34	65	92	97	86	79	32	10	4	-
White, male	7	19	31	33	56	112	106	112	92	54	16	2	-	-
White, female	5	11	7	11	28	58	85	86	78	78	32	9	4	-
Black, male	-	6	-	3	5	3	5	10	1	2	1	1	-	-
Black, female	2	2	2	3	6	6	7	10	7	1	-	1	-	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	99	140	224	384	713	1,193	1,952	2,817	3,641	3,563	2,307	897	168	1
All races, male	50	89	129	242	412	634	1,012	1,269	1,373	1,053	510	141	30	-
All races, female	49	51	95	142	301	559	940	1,548	2,268	2,510	1,797	756	138	1
White, male	37	60	81	175	324	519	858	1,122	1,247	961	477	135	27	-
White, female	24	37	60	107	221	449	786	1,342	2,063	2,320	1,697	712	125	1
Black, male	12	28	43	62	77	105	143	133	114	77	28	5	3	-
Black, female	23	14	29	30	73	98	139	186	189	174	94	40	12	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Cerebrovascular diseases-Con.														
Cerebral embolism (434.1)	651	-	-	-	-	-	-	-	-	-	-	-	6	2
All races, male	263	-	-	-	-	-	-	-	-	-	-	-	2	2
All races, female	388	-	-	-	-	-	-	-	-	-	-	-	4	-
White, male	240	-	-	-	-	-	-	-	-	-	-	-	2	1
White, female	364	-	-	-	-	-	-	-	-	-	-	-	1	-
Black, male	20	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	19	-	-	-	-	-	-	-	-	-	-	-	3	-
Acute but ill-defined cerebrovascular disease (436)	80,745	2	1	1	1	1	6	3	3	9	9	19	55	110
All races, male	31,073	2	-	-	1	-	3	2	1	4	3	10	27	65
All races, female	49,672	-	1	1	-	1	3	1	2	5	6	9	28	45
White, male	26,616	1	-	-	1	-	2	2	-	3	3	7	18	29
White, female	43,801	-	1	1	-	1	3	1	2	4	4	7	18	25
Black, male	4,013	1	-	-	-	-	1	-	1	-	-	3	9	34
Black, female	5,393	-	-	-	-	-	-	-	-	-	2	2	10	20
Other and late effects of cerebrovascular diseases (435,437-438)	15,785	60	6	4	4	2	76	9	7	7	8	16	20	36
All races, male	6,026	34	3	1	3	1	42	6	3	4	6	7	9	20
All races, female	9,759	26	3	3	1	1	34	3	4	3	2	9	11	16
White, male	5,207	23	1	-	2	-	26	4	3	4	5	6	6	12
White, female	8,733	18	2	3	1	1	25	3	2	1	2	7	5	10
Black, male	716	10	2	1	1	1	15	1	-	-	1	1	3	8
Black, female	908	8	1	-	-	-	9	-	2	2	-	1	6	6
Diseases of arteries, arterioles, and capillaries (440-448)	42,692	16	2	-	4	1	23	3	15	18	45	79	128	168
All races, male	21,419	9	-	-	2	-	11	2	7	10	28	48	68	115
All races, female	21,273	7	2	-	2	1	12	1	8	8	17	31	60	53
White, male	19,576	8	-	-	1	-	9	2	5	7	23	41	52	81
White, female	19,262	5	1	-	1	1	8	1	3	5	10	18	45	37
Black, male	1,599	-	-	-	-	-	-	-	1	3	5	6	14	29
Black, female	1,842	2	1	-	1	-	4	-	4	3	7	13	12	15
Atherosclerosis (440)	18,047	1	-	-	-	-	1	-	1	-	1	3	11	11
All races, male	6,859	1	-	-	-	-	1	-	-	-	1	3	8	7
All races, female	11,188	-	-	-	-	-	-	-	1	-	-	-	3	4
White, male	6,232	1	-	-	-	-	1	-	-	-	1	3	7	5
White, female	10,315	-	-	-	-	-	-	-	-	-	-	-	2	4
Black, male	563	-	-	-	-	-	-	-	-	-	-	-	1	2
Black, female	817	-	-	-	-	-	-	-	1	-	-	-	1	-
Aortic aneurysm (441)	16,402	2	1	-	-	-	3	1	4	9	15	38	56	88
All races, male	10,806	1	-	-	-	-	1	-	3	7	14	28	39	71
All races, female	5,596	1	1	-	-	-	2	1	1	2	1	10	17	17
White, male	10,068	-	-	-	-	-	-	-	2	5	14	24	30	48
White, female	5,051	-	1	-	-	-	1	1	1	2	1	6	14	13
Black, male	589	-	-	-	-	-	-	-	1	2	-	3	7	19
Black, female	479	1	-	-	-	-	1	-	-	-	-	4	2	4
All other diseases of arteries, arterioles, and capillaries (442-448)	8,243	13	1	-	4	1	19	2	10	9	29	38	61	69
All races, male	3,754	7	-	-	2	-	9	2	4	3	13	17	21	37
All races, female	4,489	6	1	-	2	1	10	-	6	6	16	21	40	32
White, male	3,276	7	-	-	1	-	8	2	3	2	8	14	15	28
White, female	3,896	5	-	-	1	1	7	-	2	3	9	12	29	20
Black, male	447	-	-	-	-	-	-	-	-	1	5	3	6	8
Black, female	546	1	1	-	1	-	3	-	3	3	7	9	9	11
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	4,238	56	2	3	2	-	63	4	4	14	23	35	64	89
All races, male	2,026	30	2	-	1	-	33	2	1	4	16	22	36	64
All races, female	2,212	26	-	3	1	-	30	2	3	10	7	13	28	25
White, male	1,644	24	2	-	-	-	26	2	1	4	11	15	25	42
White, female	1,867	19	-	3	1	-	23	-	2	4	5	10	12	19
Black, male	348	6	-	-	1	-	7	-	-	-	4	7	8	20
Black, female	318	7	-	-	-	-	7	2	1	6	1	3	15	6
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	1,793	7	1	-	-	-	8	1	2	5	16	19	30	40
All races, male	814	5	1	-	-	-	6	-	1	-	10	10	14	26
All races, female	979	2	-	-	-	-	2	1	1	5	6	9	16	14
White, male	666	4	1	-	-	-	5	-	1	-	7	6	10	15
White, female	826	1	-	-	-	-	1	-	-	1	4	7	7	8
Black, male	141	1	-	-	-	-	1	-	-	-	3	4	3	10
Black, female	142	1	-	-	-	-	1	1	1	4	1	2	8	6
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	2,445	49	1	3	2	-	55	3	2	9	7	16	34	49
All races, male	1,212	25	1	-	1	-	27	2	-	4	6	12	22	38
All races, female	1,233	24	-	3	1	-	28	1	2	5	1	4	12	11
White, male	978	20	1	-	-	-	21	2	-	4	4	9	15	27
White, female	1,041	18	-	3	1	-	22	-	2	3	1	3	5	11
Black, male	207	5	-	-	1	-	6	-	-	-	1	3	5	10
Black, female	176	6	-	-	-	-	6	1	-	2	-	1	7	-
VIII. Diseases of the respiratory system (460-519)	192,205	1,171	202	90	62	37	1,562	167	201	221	343	569	872	1,164
All races, male	100,075	686	106	49	38	16	895	95	107	111	180	317	527	722
All races, female	92,130	485	96	41	24	21	667	72	94	110	163	252	345	442
White, male	89,293	419	69	33	25	9	555	66	68	75	118	196	311	453
White, female	84,341	301	65	28	16	9	419	53	65	76	98	158	196	263
Black, male	9,365	238	32	12	10	6	298	27	36	31	61	115	207	256
Black, female	6,818	170	27	11	5	9	222	16	25	28	60	85	138	164
Diseases of the upper respiratory tract (460-465,470-478)	592	42	22	2	3	-	69	6	10	6	11	6	10	15
All races, male	289	24	10	1	1	-	36	5	4	4	8	5	6	11
All races, female	303	18	12	1	2	-	33	1	6	2	3	1	4	4
White, male	247	19	8	-	1	-	28	5	4	4	3	3	4	7
White, female	259	16	9	1	1	-	27	1	4	1	1	1	3	2
Black, male	37	5	1	1	-	-	7	-	-	-	5	2	2	3
Black, female	37	-	2	-	-	-	2	-	2	1	2	-	1	2

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Cerebrovascular diseases-Con.														
Cerebral embolism (434.1)	2	5	13	10	32	55	84	128	139	96	64	13	2	-
All races, male	2	1	4	6	18	30	38	58	57	31	13	1	-	-
All races, female	-	4	9	4	14	25	46	70	82	65	51	12	2	-
White, male	2	1	4	5	15	25	37	51	56	30	10	1	-	-
White, female	-	3	6	4	11	24	42	67	80	63	50	12	1	-
Black, male	-	-	-	1	3	3	1	7	1	1	2	-	-	-
Black, female	-	-	2	-	2	1	3	3	1	2	1	-	1	-
Acute but ill-defined cerebrovascular disease (436)	201	417	701	1,329	2,721	5,346	8,559	13,316	16,714	16,259	10,407	3,854	702	5
All races, male	121	243	425	784	1,472	2,870	4,335	6,106	6,417	4,966	2,363	732	121	3
All races, female	80	174	276	545	1,249	2,476	4,224	7,210	10,297	11,293	8,044	3,122	581	2
White, male	73	144	270	550	1,088	2,262	3,639	5,342	5,752	4,501	2,165	673	93	-
White, female	41	114	164	363	896	1,901	3,464	6,243	9,223	10,388	7,516	2,913	509	2
Black, male	47	95	149	221	361	558	624	688	575	395	173	53	24	2
Black, female	37	55	104	165	331	532	699	893	992	827	469	189	66	-
Other and late effects of cerebrovascular diseases (435,437-438)	74	72	118	244	346	764	1,365	2,191	3,269	3,477	2,453	1,006	224	3
All races, male	40	33	54	158	209	456	701	1,098	1,296	1,088	595	166	34	1
All races, female	34	39	64	86	137	308	664	1,093	1,973	2,389	1,858	840	190	2
White, male	29	23	33	112	156	350	588	945	1,159	1,005	557	155	29	-
White, female	27	19	43	61	99	233	550	946	1,782	2,227	1,736	791	163	1
Black, male	8	10	19	42	45	96	105	138	108	68	33	9	5	1
Black, female	7	20	19	22	34	71	106	135	169	141	94	40	23	1
Diseases of arteries, arterioles, and capillaries (440-448)	241	388	563	1,051	2,204	3,943	5,386	6,658	7,225	6,727	4,853	2,364	606	4
All races, male	147	244	392	734	1,532	2,608	3,455	3,865	3,516	2,583	1,408	523	119	4
All races, female	94	144	171	317	672	1,335	1,931	2,793	3,709	4,144	3,445	1,841	487	-
White, male	106	191	314	630	1,385	2,385	3,180	3,574	3,271	2,412	1,321	485	99	3
White, female	65	107	119	244	546	1,154	1,720	2,535	3,390	3,854	3,230	1,732	439	-
Black, male	40	45	74	92	132	195	236	246	207	147	73	34	19	1
Black, female	26	34	49	66	113	161	196	239	294	270	195	93	48	-
Atherosclerosis (440)	22	54	108	187	487	833	1,387	2,156	3,175	3,851	3,409	1,835	512	3
All races, male	13	31	79	126	311	486	774	1,086	1,276	1,252	915	392	95	3
All races, female	9	23	29	61	176	347	613	1,070	1,899	2,599	2,494	1,443	417	-
White, male	11	25	65	105	274	427	692	984	1,175	1,156	857	362	80	2
White, female	7	18	25	44	134	290	534	965	1,725	2,443	2,372	1,373	379	-
Black, male	2	4	14	21	35	55	76	87	92	82	48	28	15	1
Black, female	2	5	3	17	40	54	73	98	165	147	112	61	38	-
Aortic aneurysm (441)	123	195	258	565	1,192	2,303	2,858	3,192	2,740	1,804	713	217	27	1
All races, male	91	151	209	435	931	1,684	2,035	2,088	1,680	956	307	68	7	1
All races, female	32	44	49	130	261	619	823	1,104	1,060	848	406	149	20	-
White, male	62	115	168	381	857	1,570	1,928	1,978	1,600	917	297	66	5	1
White, female	23	37	25	96	215	545	751	1,018	991	783	374	136	18	-
Black, male	28	31	39	44	62	95	79	85	56	29	8	-	1	-
Black, female	8	7	22	31	37	65	66	78	58	59	25	10	2	-
All other diseases of arteries, arterioles, and capillaries (442-448)	96	139	197	299	525	807	1,141	1,310	1,310	1,072	731	312	67	-
All races, male	43	62	104	173	290	438	646	691	560	375	186	63	17	-
All races, female	53	77	93	126	235	369	495	619	750	697	545	249	50	-
White, male	33	51	81	144	254	388	560	612	496	339	167	57	14	-
White, female	35	52	69	104	197	319	435	552	674	628	484	223	42	-
Black, male	10	10	21	27	35	45	81	74	59	36	17	6	3	-
Black, female	16	22	24	18	36	42	57	63	71	64	58	22	8	-
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	125	127	176	229	349	477	497	575	578	426	271	90	19	3
All races, male	77	75	96	136	198	281	256	262	230	145	68	17	5	2
All races, female	48	52	80	93	151	196	241	313	348	281	203	73	14	1
White, male	49	54	61	103	158	224	220	233	208	128	60	16	2	2
White, female	30	35	62	74	115	162	214	269	311	247	190	69	13	1
Black, male	26	18	33	28	37	54	32	27	19	16	8	1	3	-
Black, female	18	16	15	18	36	29	24	42	32	30	13	3	1	-
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	64	64	79	97	148	210	202	244	247	178	94	36	7	2
All races, male	28	35	41	50	88	109	107	101	100	58	20	7	2	1
All races, female	36	29	38	47	60	101	95	143	147	120	74	29	5	1
White, male	14	27	27	36	74	90	94	89	93	53	17	6	1	1
White, female	22	20	28	40	47	84	90	122	133	107	72	28	4	1
Black, male	13	8	14	14	13	18	13	11	7	4	3	1	1	-
Black, female	14	8	8	7	13	15	5	20	13	11	2	1	1	-
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	61	63	97	132	201	267	295	331	331	248	177	54	12	1
All races, male	49	40	55	86	110	172	149	161	130	87	48	10	3	1
All races, female	12	23	42	46	91	95	146	170	201	161	129	44	9	-
White, male	35	27	34	67	84	134	126	144	115	75	43	10	1	1
White, female	8	15	34	34	68	78	124	147	178	140	118	41	9	-
Black, male	13	10	19	14	24	36	19	16	12	12	5	-	2	-
Black, female	4	8	7	11	23	14	19	22	19	19	11	2	-	-
VIII. Diseases of the respiratory system (460-519)	1,488	1,934	2,989	5,557	11,079	18,272	25,473	32,447	33,376	27,794	17,746	7,279	1,656	16
All races, male	927	1,129	1,669	3,213	6,565	10,881	15,085	18,570	17,537	12,466	6,534	2,140	394	11
All races, female	561	805	1,320	2,344	4,514	7,391	10,388	13,877	15,839	15,328	11,212	5,139	1,262	5
White, male	590	787	1,273	2,635	5,672	9,655	13,662	17,032	16,136	11,620	6,037	1,998	348	6
White, female	363	605	1,068	1,994	3,950	6,676	9,623	12,879	14,846	14,431	10,592	4,841	1,140	5
Black, male	313	320	365	519	811	1,077	1,257	1,296	1,163	659	397	115	37	5
Black, female	185	184	229	308	499	638	686	853	878	760	507	242	111	-
Diseases of the upper respiratory tract (460-465,470-478)	13	15	21	25	31	39	43	48	73	59	51	36	5	-
All races, male	9	9	10	9	17	24	26	28	30	18	19	11	-	-
All races, female	4	6	11	16	14	15	17	20	43	41	32	25	5	-
White, male	7	6	7	6	17	21	22	28	27	18	19	11	-	-
White, female	1	6	5	14	10	10	17	20	39	41	30	23	3	-
Black, male	1	3	3	3	-	2	3	-	3	-	-	-	-	-
Black, female	3	-	4	2	3	5	-	-	4	-	2	2	2	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Diseases of the upper respiratory tract-Con.														
Acute upper respiratory infections (460-465)	264	33	13	1	-	-	47	5	5	3	5	3	6	4
All races, male	117	18	7	-	-	-	25	4	2	1	5	2	3	3
All races, female	147	15	6	1	-	-	22	1	3	2	-	1	3	1
White, male	102	15	6	-	-	-	21	4	2	1	2	2	2	2
White, female	128	13	5	1	-	-	19	1	2	1	-	1	3	-
Black, male	15	3	1	-	-	-	4	-	-	-	3	-	1	1
Black, female	15	-	-	-	-	-	-	-	1	1	-	-	-	1
Other diseases of upper respiratory tract (470-478)	328	9	9	1	3	-	22	1	5	3	6	3	4	11
All races, male	172	6	3	1	1	-	11	1	2	3	3	3	3	8
All races, female	156	3	6	-	2	-	11	-	3	-	3	-	1	3
White, male	145	4	2	-	1	-	7	1	2	3	1	1	2	5
White, female	131	3	4	-	1	-	8	-	2	-	1	-	-	2
Black, male	22	2	-	1	-	-	3	-	-	-	2	2	1	2
Black, female	22	-	2	-	-	-	2	-	1	-	2	-	1	1
Other diseases of the respiratory system (466,480-519)	191,613	1,129	180	88	59	37	1,493	161	191	215	332	563	862	1,149
All races, male	99,786	662	96	48	37	16	859	90	103	107	172	312	521	711
All races, female	91,827	467	84	40	22	21	634	71	88	108	160	251	341	438
White, male	89,046	400	61	33	24	9	527	61	64	71	115	193	307	446
White, female	84,082	285	56	27	15	9	392	52	61	75	97	157	193	261
Black, male	9,328	233	31	11	10	6	291	27	36	31	56	113	205	253
Black, female	6,781	170	25	11	5	9	220	16	23	27	58	85	137	162
Acute bronchitis and bronchiolitis (466)	633	75	5	9	2	2	93	3	3	4	1	3	2	7
All races, male	269	44	1	3	-	2	50	2	2	2	1	-	1	5
All races, female	364	31	4	6	2	-	43	1	1	2	-	3	1	2
White, male	233	21	1	2	-	1	25	2	2	-	1	-	1	3
White, female	326	18	3	4	-	-	25	-	1	2	-	2	1	1
Black, male	33	20	-	1	-	1	22	-	-	2	-	-	-	2
Black, female	31	12	1	1	2	-	16	1	-	-	-	1	-	-
Pneumonia (480-486)	77,415	627	86	34	27	14	788	69	53	82	144	279	477	677
All races, male	36,099	360	45	19	16	6	446	34	29	39	77	162	321	455
All races, female	41,316	267	41	15	11	8	342	35	24	43	67	117	156	222
White, male	31,350	209	32	15	10	4	270	24	21	31	52	102	179	275
White, female	37,457	159	28	10	8	3	208	28	18	31	37	71	88	129
Black, male	4,115	136	11	3	4	1	155	8	6	7	24	55	134	171
Black, female	3,358	99	11	4	2	2	118	5	6	7	29	41	63	86
Viral pneumonia (480)	720	106	11	4	4	2	127	4	1	9	7	10	10	9
All races, male	342	67	8	1	3	1	80	2	1	4	4	5	4	4
All races, female	378	39	3	3	1	1	47	2	-	5	3	5	6	5
White, male	295	42	6	-	2	1	51	2	1	4	4	5	4	4
White, female	340	27	2	2	1	-	32	2	-	3	2	4	3	4
Black, male	39	22	1	1	-	-	24	-	-	-	-	-	-	-
Black, female	30	12	1	1	-	-	14	-	-	1	1	1	1	1
Pneumococcal and other bacterial pneumonia (481-482)	6,227	73	11	2	2	2	90	4	4	7	15	43	93	143
All races, male	3,226	47	5	2	1	2	57	3	2	3	10	21	64	99
All races, female	3,001	26	6	-	1	-	33	1	2	4	5	22	29	44
White, male	2,649	25	5	2	-	2	34	2	2	3	8	13	30	53
White, female	2,570	13	3	-	-	-	16	1	1	3	1	14	18	23
Black, male	512	20	-	-	-	-	20	-	-	-	1	7	30	46
Black, female	391	12	3	-	1	-	16	-	1	1	4	7	11	20
Bronchopneumonia, organism unspecified (485)	6,376	193	25	12	4	2	236	12	9	6	31	43	74	118
All races, male	3,037	109	15	7	4	-	135	9	4	3	21	31	59	78
All races, female	3,339	84	10	5	-	2	101	3	5	3	10	12	15	40
White, male	2,535	58	9	5	2	-	74	6	3	3	14	17	29	47
White, female	3,014	43	7	3	-	1	54	3	1	2	7	8	7	25
Black, male	450	46	5	2	2	-	55	2	-	-	7	12	28	30
Black, female	275	36	3	2	-	1	42	-	4	-	3	4	7	12
Pneumonia due to other and unspecified organism (483,486)	64,092	255	39	16	17	8	335	49	39	60	91	183	300	407
All races, male	29,494	137	17	9	8	3	174	20	22	29	42	105	194	274
All races, female	34,598	118	22	7	9	5	161	29	17	31	49	78	106	133
White, male	25,871	84	12	8	6	1	111	14	15	21	26	67	116	171
White, female	31,533	76	16	5	7	2	106	22	16	23	27	45	60	77
Black, male	3,114	48	5	-	2	1	56	6	6	7	16	36	76	95
Black, female	2,662	39	4	1	1	1	46	5	1	5	21	29	44	53
Influenza (487)	2,098	7	5	2	2	1	17	7	5	3	2	6	-	10
All races, male	799	5	1	-	-	1	7	6	2	2	1	2	-	3
All races, female	1,299	2	4	2	2	-	10	1	3	1	1	4	-	7
White, male	751	5	1	-	-	-	6	5	1	2	-	1	-	3
White, female	1,248	2	3	2	2	-	9	1	2	-	1	3	-	6
Black, male	46	-	-	-	-	1	1	1	1	-	1	1	-	-
Black, female	44	-	1	-	-	-	1	-	1	1	-	1	-	1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	86,679	55	27	15	8	5	110	34	81	82	96	133	167	222
All races, male	49,416	32	19	11	7	3	72	24	47	43	48	70	85	120
All races, female	37,263	23	8	4	1	2	38	10	34	39	48	63	82	102
White, male	45,234	21	10	6	2	3	42	13	20	22	28	42	49	78
White, female	34,945	17	5	3	1	1	27	4	22	29	29	38	45	59
Black, male	3,628	9	9	3	5	-	26	11	26	18	20	27	35	42
Black, female	2,027	6	3	1	-	1	11	5	11	9	16	22	34	38
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	24,125	51	24	11	8	5	99	31	78	78	90	121	148	179
All races, male	13,171	30	16	7	7	3	63	22	46	40	44	61	77	93
All races, female	10,954	21	8	4	1	2	36	9	32	38	46	60	71	86
White, male	11,853	19	8	3	2	3	35	11	19	20	24	35	45	58
White, female	10,036	15	5	3	1	1	25	3	22	28	27	35	36	49
Black, male	1,137	9	8	2	5	-	24	11	26	17	20	25	31	35
Black, female	802	6	3	1	-	1	11	5	9	9	16	22	33	32

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Diseases of the upper respiratory tract-Con.														
Acute upper respiratory infections (460-465)	6	1	11	8	7	18	14	20	24	27	22	24	4	-
All races, male	3	-	5	2	4	10	9	10	8	5	8	8	-	-
All races, female	3	1	6	6	3	8	5	10	16	22	14	16	4	-
White, male	2	-	4	1	4	8	9	10	7	5	8	8	-	-
White, female	-	1	2	6	2	6	5	10	15	22	14	16	2	-
Black, male	1	-	1	1	-	2	-	-	1	-	-	-	-	-
Black, female	3	-	3	-	1	2	-	-	1	-	-	-	2	-
Other diseases of upper respiratory tract (470-478)	7	14	10	17	24	21	29	28	49	32	29	12	1	-
All races, male	6	9	5	7	13	14	17	18	22	13	11	3	-	-
All races, female	1	5	5	10	11	7	12	10	27	19	18	9	1	-
White, male	5	6	3	5	13	13	13	18	20	13	11	3	-	-
White, female	1	5	3	8	8	4	12	10	24	19	16	7	1	-
Black, male	-	3	2	2	-	-	3	-	2	-	-	-	-	-
Black, female	-	-	1	2	2	3	-	-	3	-	2	2	-	-
Other diseases of the respiratory system (466,480-519)	1,475	1,919	2,968	5,532	11,048	18,233	25,430	32,399	33,303	27,735	17,695	7,243	1,651	16
All races, male	918	1,120	1,659	3,204	6,548	10,857	15,059	18,542	17,507	12,448	6,515	2,129	394	11
All races, female	557	799	1,309	2,328	4,500	7,376	10,371	13,857	15,796	15,287	11,180	5,114	1,257	5
White, male	583	781	1,266	2,629	5,655	9,634	13,640	17,004	16,109	11,602	6,018	1,987	348	6
White, female	362	599	1,063	1,980	3,940	6,666	9,606	12,859	14,807	14,390	10,562	4,818	1,137	5
Black, male	312	317	362	516	811	1,075	1,254	1,296	1,160	659	397	115	37	5
Black, female	182	184	225	306	496	633	686	853	874	760	505	240	109	-
Acute bronchitis and bronchiolitis (466)	10	5	6	22	27	44	46	72	85	92	67	34	7	-
All races, male	4	2	1	9	17	23	23	38	26	34	20	7	2	-
All races, female	6	3	5	13	10	21	23	34	59	58	47	27	5	-
White, male	4	1	1	8	16	22	23	35	26	34	20	7	2	-
White, female	5	2	5	11	10	19	22	31	58	58	42	26	5	-
Black, male	-	1	-	1	1	1	-	3	-	-	-	-	-	-
Black, female	1	1	-	2	-	1	1	2	1	-	3	1	-	-
Pneumonia (480-486)	725	777	940	1,391	2,435	4,015	6,404	10,372	14,381	15,174	11,640	5,310	1,275	7
All races, male	491	488	610	869	1,523	2,440	3,797	5,667	7,002	6,104	3,829	1,425	288	3
All races, female	234	289	330	522	912	1,575	2,607	4,705	7,379	9,070	7,811	3,885	987	4
White, male	296	323	425	658	1,210	2,017	3,296	5,065	6,339	5,660	3,517	1,330	259	1
White, female	152	222	243	406	713	1,322	2,291	4,216	6,825	8,496	7,384	3,670	903	4
Black, male	185	154	172	194	286	390	445	498	538	344	249	74	24	2
Black, female	75	60	80	107	176	220	291	423	486	491	344	172	78	-
Viral pneumonia (480)	13	10	16	23	29	60	51	92	90	80	51	23	5	-
All races, male	6	3	9	8	12	35	20	44	45	35	15	4	2	-
All races, female	7	7	7	15	17	25	31	48	45	45	36	19	3	-
White, male	3	3	8	8	11	30	17	41	44	35	14	4	2	-
White, female	5	7	7	14	16	24	28	45	45	42	35	19	3	-
Black, male	3	-	1	-	1	4	3	2	1	-	-	-	-	-
Black, female	1	-	-	1	1	1	2	3	-	2	-	-	-	-
Pneumococcal and other bacterial pneumonia (481-482)	142	136	165	201	327	417	601	817	1,048	967	682	266	58	1
All races, male	95	74	114	130	202	239	355	463	534	416	253	75	16	1
All races, female	47	62	51	71	125	178	246	354	514	551	429	191	42	-
White, male	56	47	74	88	154	185	309	420	479	378	232	70	12	-
White, female	28	41	38	52	98	148	201	315	456	510	395	175	36	-
Black, male	38	23	39	40	44	49	41	37	43	26	18	5	4	1
Black, female	18	20	12	18	26	28	43	33	51	34	28	14	6	-
Bronchopneumonia, organism unspecified (485)	109	109	126	146	211	330	447	735	1,032	1,179	870	439	112	2
All races, male	75	71	76	101	143	214	277	414	497	453	256	102	17	1
All races, female	34	38	50	45	68	116	170	321	535	726	614	337	95	1
White, male	42	45	51	77	114	171	250	360	456	428	239	93	16	-
White, female	19	30	39	34	56	99	153	296	504	677	583	327	89	1
Black, male	33	24	22	22	27	42	21	46	34	22	16	5	1	1
Black, female	13	4	10	11	9	13	15	24	23	42	25	8	6	-
Pneumonia due to other and unspecified organism (483,486)	461	522	633	1,021	1,868	3,208	5,305	8,728	12,211	12,948	10,037	4,582	1,100	4
All races, male	315	340	411	630	1,166	1,952	3,145	4,746	5,926	5,200	3,305	1,244	253	1
All races, female	146	182	222	391	702	1,256	2,160	3,982	6,285	7,748	6,732	3,338	847	3
White, male	195	228	292	485	931	1,631	2,720	4,244	5,360	4,819	3,032	1,163	229	1
White, female	100	144	159	306	543	1,051	1,909	3,560	5,820	7,267	6,371	3,149	775	3
Black, male	111	107	110	132	214	295	380	413	460	296	215	64	19	-
Black, female	43	36	58	77	140	178	231	363	412	413	291	150	66	-
Influenza (487)	4	11	23	36	60	87	159	238	386	475	353	176	40	-
All races, male	1	6	10	16	39	46	76	115	155	162	99	44	7	-
All races, female	3	5	13	20	21	41	83	123	231	313	254	132	33	-
White, male	-	6	6	16	35	41	70	107	148	156	99	43	6	-
White, female	3	3	13	17	18	39	80	117	226	303	247	128	32	-
Black, male	1	-	3	-	4	4	6	8	7	6	-	1	1	-
Black, female	-	1	-	2	3	2	2	6	5	8	6	4	-	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	386	753	1,524	3,351	6,977	11,830	15,688	17,833	14,312	8,465	3,477	1,000	150	8
All races, male	202	401	752	1,859	3,973	6,899	9,233	10,469	8,254	4,608	1,751	437	61	8
All races, female	184	352	772	1,492	3,004	4,931	6,455	7,364	6,058	3,857	1,726	563	89	-
White, male	135	296	616	1,603	3,572	6,294	8,539	9,741	7,703	4,324	1,649	410	53	5
White, female	130	252	660	1,319	2,742	4,601	6,146	7,050	5,820	3,713	1,646	535	78	-
Black, male	62	99	122	229	363	522	610	613	470	223	78	23	6	3
Black, female	49	95	103	147	232	298	274	267	208	112	64	22	10	-
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	262	407	607	1,157	2,180	3,382	4,283	4,595	3,421	1,884	792	278	52	1
All races, male	126	197	270	604	1,176	1,917	2,437	2,599	1,953	983	348	103	11	1
All races, female	136	210	337	553	1,004	1,465	1,846	1,996	1,468	901	444	175	41	-
White, male	82	133	210	509	1,054	1,734	2,280	2,416	1,819	924	338	99	8	-
White, female	94	137	276	472	912	1,352	1,756	1,904	1,408	865	430	167	38	-
Black, male	41	62	50	80	110	156	141	142	108	46	5	3	3	1
Black, female	39	69	58	67	83	102	78	73	51	28	10	5	2	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Bronchitis, chronic and unspecified, emphysema and asthma-Con.														
Bronchitis, not specified as acute or chronic (490)	615	20	7	-	1	1	29	2	1	2	1	5	3	5
All races, male	246	11	4	-	1	1	17	1	-	1	-	3	1	2
All races, female	369	9	3	-	-	-	12	1	1	1	1	2	2	3
White, male	216	8	2	-	1	1	12	-	-	-	-	2	1	2
White, female	345	8	3	-	-	-	11	-	1	1	1	1	2	2
Black, male	25	3	2	-	-	-	5	1	-	-	-	1	-	-
Black, female	18	1	-	-	-	-	1	1	-	-	-	1	-	1
Chronic bronchitis (491)	2,985	19	6	6	1	1	33	1	3	-	4	6	5	8
All races, male	1,632	12	4	3	1	-	20	1	3	-	1	4	3	3
All races, female	1,353	7	2	3	-	1	13	-	-	-	3	2	2	5
White, male	1,510	7	2	2	-	-	11	-	1	-	1	3	3	3
White, female	1,294	4	-	2	-	1	7	-	-	-	1	1	2	4
Black, male	100	3	2	-	1	-	6	1	2	-	-	1	-	-
Black, female	47	3	2	1	-	-	6	-	-	-	1	1	-	1
Emphysema (492)	15,706	-	-	-	1	-	1	-	-	-	1	3	10	14
All races, male	9,408	-	-	-	1	-	1	-	-	-	-	2	7	13
All races, female	6,298	-	-	-	-	-	-	-	-	-	1	1	3	1
White, male	8,769	-	-	-	1	-	1	-	-	-	-	-	4	10
White, female	6,059	-	-	-	-	-	-	-	-	-	1	-	3	1
Black, male	552	-	-	-	-	-	-	-	-	-	-	2	3	3
Black, female	211	-	-	-	-	-	-	-	-	-	-	1	-	-
Asthma (493)	4,819	12	11	5	5	3	36	28	74	76	84	107	130	152
All races, male	1,885	7	8	4	4	2	25	20	43	39	43	52	66	75
All races, female	2,934	5	3	1	1	1	11	8	31	37	41	55	64	77
White, male	1,358	4	4	1	-	2	11	11	18	20	23	30	37	43
White, female	2,338	3	2	1	1	-	7	3	21	27	24	33	29	42
Black, male	460	3	4	2	4	-	13	9	24	17	20	21	28	32
Black, female	526	2	1	-	-	1	4	4	9	9	15	19	33	30
Bronchiectasis and extrinsic allergic alveolitis (494-495)	955	-	-	-	-	-	-	-	-	1	2	5	7	2
All races, male	350	-	-	-	-	-	-	-	-	-	1	5	3	2
All races, female	605	-	-	-	-	-	-	-	-	1	1	-	4	-
White, male	319	-	-	-	-	-	-	-	-	-	1	3	2	2
White, female	578	-	-	-	-	-	-	-	-	1	1	-	3	-
Black, male	24	-	-	-	-	-	-	-	-	-	-	2	1	-
Black, female	13	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic airways obstruction, not elsewhere classified (496)	61,599	4	3	4	-	-	11	3	3	3	4	7	12	41
All races, male	35,895	2	3	4	-	-	9	2	1	3	3	4	5	25
All races, female	25,704	2	-	-	-	-	2	1	2	-	1	3	7	16
White, male	33,062	2	2	3	-	-	7	2	1	2	3	4	2	18
White, female	24,331	2	-	-	-	-	2	1	-	-	1	3	6	10
Black, male	2,467	-	1	1	-	-	2	-	-	1	-	-	3	7
Black, female	1,212	-	-	-	-	-	-	-	2	-	-	-	1	6
Pneumoconioses and other lung diseases due to external agents (500-508)	9,108	20	7	6	3	4	40	10	12	7	18	21	29	38
All races, male	5,132	9	4	5	2	1	21	4	8	5	11	11	19	20
All races, female	3,976	11	3	1	1	3	19	6	4	2	7	10	10	18
White, male	4,493	2	4	3	2	-	11	3	7	4	10	5	17	15
White, female	3,499	6	2	1	1	2	12	5	2	1	6	9	8	15
Black, male	574	5	-	2	-	1	8	1	1	1	1	6	2	4
Black, female	432	5	1	-	-	1	7	1	2	1	1	1	2	3
Empyema and abscess of lung and mediastinum (510,513)	809	6	2	3	2	-	13	1	1	3	7	8	20	23
All races, male	532	4	2	2	1	-	9	1	-	1	5	7	14	15
All races, female	277	2	-	1	1	-	4	-	1	2	2	1	6	8
White, male	391	2	2	-	1	-	5	-	-	1	2	5	6	8
White, female	222	1	-	1	-	-	2	-	1	2	1	1	4	3
Black, male	129	1	-	2	-	-	3	1	-	-	3	2	8	7
Black, female	51	1	-	-	-	-	1	-	-	-	1	-	2	5
Pleurisy (511)	877	4	-	-	-	-	4	-	3	1	-	6	5	11
All races, male	402	3	-	-	-	-	3	-	1	1	-	3	3	4
All races, female	475	1	-	-	-	-	1	-	2	-	-	3	2	7
White, male	339	3	-	-	-	-	3	-	1	-	-	2	2	2
White, female	404	-	-	-	-	-	-	-	1	-	-	1	-	4
Black, male	56	-	-	-	-	-	-	-	-	1	-	1	1	1
Black, female	64	1	-	-	-	-	1	-	-	-	-	1	2	2
All other diseases of respiratory system (512,514-519)	13,994	335	48	19	15	11	428	37	33	33	64	107	162	161
All races, male	7,137	205	24	8	11	3	251	19	14	14	29	57	78	89
All races, female	6,857	130	24	11	4	8	177	18	19	19	35	50	84	72
White, male	6,255	137	11	7	9	1	165	14	12	11	22	36	53	62
White, female	5,981	82	15	6	3	3	109	14	14	10	23	32	47	44
Black, male	747	62	11	-	1	2	76	5	2	2	7	21	25	26
Black, female	774	46	8	5	1	5	65	4	3	9	11	18	34	27
IX. Diseases of the digestive system (520-579)	75,177	398	67	30	24	20	539	65	42	75	163	441	1,117	2,266
All races, male	38,223	239	45	17	15	11	327	41	21	42	91	265	720	1,583
All races, female	36,954	159	22	13	9	9	212	24	21	33	72	176	397	683
White, male	32,304	154	33	13	12	9	221	31	16	33	67	176	498	1,118
White, female	32,225	104	10	9	7	8	138	19	14	23	45	116	246	434
Black, male	5,202	77	11	4	2	2	96	8	5	8	21	79	201	420
Black, female	4,176	51	12	4	2	-	69	4	7	10	22	50	126	226
Diseases of oral cavity, salivary glands, and jaws (520-529)	101	1	-	-	-	-	1	-	-	-	2	2	4	2
All races, male	57	1	-	-	-	-	1	-	-	-	1	2	3	-
All races, female	44	-	-	-	-	-	-	-	-	-	1	-	1	2
White, male	45	1	-	-	-	-	1	-	-	-	-	2	1	-
White, female	37	-	-	-	-	-	-	-	-	-	1	-	-	2
Black, male	11	-	-	-	-	-	-	-	-	-	1	-	2	-
Black, female	3	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 38 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Bronchitis, chronic and unspecified, emphysema and asthma-Con.														
Bronchitis, not specified as acute or chronic (490)	7	11	7	18	21	39	36	58	107	102	94	53	14	-
All races, male	1	7	5	12	11	18	22	27	43	31	29	14	1	-
All races, female	6	4	2	6	10	21	14	31	64	71	65	39	13	-
White, male	1	7	2	11	9	17	19	22	38	29	29	14	1	-
White, female	5	3	2	4	10	19	11	30	62	68	63	38	11	-
Black, male	-	-	3	1	2	1	3	4	3	1	-	-	-	-
Black, female	1	1	-	1	-	2	2	1	2	1	1	1	1	-
Chronic bronchitis (491)	18	24	53	112	235	340	483	583	523	325	148	64	17	-
All races, male	10	16	24	61	127	198	280	326	296	169	66	21	3	-
All races, female	8	8	29	51	108	142	203	257	227	156	82	43	14	-
White, male	6	13	20	56	119	183	269	297	278	163	62	20	2	-
White, female	8	7	28	48	103	135	198	249	221	150	77	41	14	-
Black, male	3	3	3	5	7	13	11	24	15	2	2	1	1	-
Black, female	-	1	1	2	4	7	5	6	3	4	4	1	-	-
Emphysema (492)	57	120	297	704	1,509	2,454	3,188	3,364	2,307	1,160	392	113	12	-
All races, male	38	77	150	403	880	1,487	1,907	2,023	1,447	692	217	59	5	-
All races, female	19	43	147	301	629	967	1,281	1,341	860	468	175	54	7	-
White, male	33	58	130	362	805	1,368	1,802	1,909	1,360	653	214	57	3	-
White, female	16	37	138	276	595	922	1,249	1,299	838	457	171	49	7	-
Black, male	4	18	17	35	70	102	93	94	72	34	2	1	2	-
Black, female	3	6	9	21	29	43	30	34	20	9	3	3	-	-
Asthma (493)	180	252	250	323	415	549	576	590	484	297	158	48	9	1
All races, male	77	97	91	128	158	214	228	223	167	91	36	9	2	1
All races, female	103	155	159	195	257	335	348	367	317	206	122	39	7	-
White, male	42	55	58	80	121	166	190	188	143	79	33	8	2	-
White, female	65	90	108	144	204	276	298	326	287	190	119	39	6	-
Black, male	34	41	27	39	31	40	34	20	18	9	1	1	-	1
Black, female	35	61	48	43	50	50	41	32	26	14	2	-	1	-
Bronchiectasis and extrinsic allergic alveolitis (494-495)	11	8	19	25	59	103	135	206	179	130	51	11	1	-
All races, male	5	8	9	11	30	42	54	65	61	38	12	3	1	-
All races, female	6	-	10	14	29	61	81	141	118	92	39	8	-	-
White, male	4	6	8	11	23	36	52	62	55	38	12	3	1	-
White, female	4	-	9	12	24	58	78	136	115	91	38	8	-	-
Black, male	1	2	1	-	5	4	2	2	4	-	-	-	-	-
Black, female	1	-	1	1	3	3	1	2	-	1	-	-	-	-
Chronic airways obstruction, not elsewhere classified (496)	113	338	898	2,169	4,738	8,345	11,270	13,032	10,712	6,451	2,634	711	97	7
All races, male	71	196	473	1,244	2,767	4,940	6,742	7,805	6,240	3,587	1,391	331	49	7
All races, female	42	142	425	925	1,971	3,405	4,528	5,227	4,472	2,864	1,243	380	48	-
White, male	49	157	398	1,083	2,495	4,524	6,207	7,263	5,829	3,362	1,299	308	44	5
White, female	32	115	375	835	1,806	3,191	4,312	5,010	4,297	2,757	1,178	360	40	-
Black, male	20	35	71	149	248	362	467	469	358	177	73	20	3	2
Black, female	9	26	44	79	146	193	195	192	157	83	54	17	8	-
Pneumoconioses and other lung diseases due to external agents (500-508)	46	59	92	153	354	572	910	1,400	1,776	1,780	1,241	451	98	1
All races, male	34	43	64	104	274	423	668	920	976	857	502	147	21	-
All races, female	12	16	28	49	80	149	242	480	800	923	739	304	77	1
White, male	20	31	47	81	216	355	570	825	884	793	446	134	19	-
White, female	8	13	17	39	63	123	212	421	699	836	677	271	61	1
Black, male	12	12	16	22	57	59	93	86	78	54	48	11	2	-
Black, female	3	2	10	10	15	25	28	55	88	80	56	27	15	-
Empyema and abscess of lung and mediastinum (510,513)	33	26	40	44	69	99	109	127	109	45	25	7	-	-
All races, male	21	22	31	34	48	72	73	82	61	23	9	4	-	-
All races, female	12	4	9	10	21	27	36	45	48	22	16	3	-	-
White, male	12	11	17	16	37	51	62	70	55	21	8	4	-	-
White, female	7	4	7	7	14	23	32	37	43	16	15	3	-	-
Black, male	8	11	13	15	11	19	10	11	5	2	-	-	-	-
Black, female	5	-	2	3	7	3	4	6	5	6	1	-	-	-
Pleurisy (511)	15	10	10	23	44	53	95	125	173	147	109	32	11	-
All races, male	10	5	7	13	25	26	59	73	78	51	32	5	3	-
All races, female	5	5	3	10	19	27	36	52	95	96	77	27	8	-
White, male	7	3	5	8	18	21	53	59	71	46	31	4	3	-
White, female	4	3	3	4	12	21	31	48	83	87	70	24	8	-
Black, male	3	2	2	5	7	5	5	13	6	3	-	1	-	-
Black, female	1	2	-	5	6	6	5	4	12	8	6	3	-	-
All other diseases of respiratory system (512,514-519)	256	278	333	512	1,082	1,533	2,019	2,232	2,081	1,557	783	233	70	-
All races, male	155	153	184	300	649	928	1,130	1,178	955	609	273	60	12	-
All races, female	101	125	149	212	433	605	889	1,054	1,126	948	510	173	58	-
White, male	109	110	149	239	551	833	1,027	1,102	883	568	248	55	6	-
White, female	53	100	115	177	368	518	792	939	1,053	881	481	161	50	-
Black, male	41	38	34	50	82	75	85	64	56	27	22	5	4	-
Black, female	48	23	30	30	57	78	81	90	69	55	25	11	6	-
IX. Diseases of the digestive system (520-579)	2,991	3,209	3,626	4,752	6,428	7,872	8,485	9,217	9,337	7,868	4,658	1,716	289	21
All races, male	2,135	2,265	2,443	3,061	3,968	4,530	4,449	4,381	3,658	2,543	1,215	413	58	14
All races, female	856	944	1,183	1,691	2,460	3,342	4,036	4,836	5,679	5,325	3,443	1,303	231	7
White, male	1,562	1,693	1,898	2,486	3,368	3,984	3,963	3,963	3,330	2,320	1,132	386	50	9
White, female	557	679	902	1,312	2,063	2,903	3,555	4,374	5,236	4,930	3,232	1,231	210	6
Black, male	514	507	476	520	530	469	429	354	278	179	72	24	7	5
Black, female	272	228	243	319	352	382	433	409	410	352	183	63	17	1
Diseases of oral cavity, salivary glands, and jaws (520-529)	1	1	9	3	7	4	7	11	15	10	20	1	1	-
All races, male	1	-	4	2	5	2	6	8	9	5	8	-	-	-
All races, female	-	1	5	1	2	2	1	3	6	5	12	1	1	-
White, male	1	-	3	2	4	-	4	7	9	3	8	-	-	-
White, female	-	1	3	-	2	2	1	3	5	5	10	1	1	-
Black, male	-	-	1	-	-	2	2	1	-	2	-	-	-	-
Black, female	-	-	2	-	-	-	-	-	1	-	-	-	-	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Diseases of other parts of the digestive system (530-579)	75,076	397	67	30	24	20	538	65	42	75	161	439	1,113	2,264
All races, male	38,166	238	45	17	15	11	326	41	21	42	90	263	717	1,583
All races, female	36,910	159	22	13	9	9	212	24	21	33	71	176	396	681
White, male	32,259	153	33	13	12	9	220	31	16	33	67	174	497	1,118
White, female	32,188	104	10	9	7	8	138	19	14	23	44	116	246	432
Black, male	5,191	77	11	4	2	2	96	8	5	8	20	79	199	420
Black, female	4,175	51	12	4	2	-	69	4	7	10	22	50	126	226
Ulcer of stomach and duodenum (531-533)	6,186	9	-	1	2	-	12	2	2	3	8	24	33	50
All races, male	2,973	3	-	1	1	-	5	2	1	2	5	17	25	39
All races, female	3,213	6	-	-	1	-	7	-	1	1	3	7	8	11
White, male	2,594	2	-	1	1	-	4	2	1	1	2	10	11	24
White, female	2,923	6	-	-	-	-	6	-	1	1	1	5	5	8
Black, male	332	1	-	-	-	-	1	-	-	1	3	6	12	14
Black, female	250	-	-	-	1	-	1	-	-	-	2	2	3	3
Gastric ulcer (531)	1,886	6	-	1	2	-	9	2	1	2	5	8	9	17
All races, male	857	2	-	1	1	-	4	2	1	1	3	3	6	13
All races, female	1,029	4	-	-	1	-	5	-	-	1	2	5	3	4
White, male	713	1	-	1	1	-	3	2	1	1	1	2	3	10
White, female	930	4	-	-	-	-	4	-	-	1	1	4	2	4
Black, male	121	1	-	-	-	-	1	-	-	-	2	-	2	3
Black, female	85	-	-	-	1	-	1	-	-	-	1	1	1	-
Duodenal ulcer (532)	1,998	3	-	-	-	-	3	-	-	1	1	11	18	20
All races, male	1,043	1	-	-	-	-	1	-	-	1	1	10	15	19
All races, female	955	2	-	-	-	-	2	-	-	-	-	1	3	1
White, male	927	1	-	-	-	-	1	-	-	-	-	5	6	9
White, female	874	2	-	-	-	-	2	-	-	-	-	1	2	-
Black, male	102	-	-	-	-	-	-	-	-	1	1	5	8	9
Black, female	66	-	-	-	-	-	-	-	-	-	-	-	1	1
Peptic ulcer, site unspecified (533)	2,302	-	-	-	-	-	-	-	1	-	2	5	6	13
All races, male	1,073	-	-	-	-	-	-	-	-	-	1	4	4	7
All races, female	1,229	-	-	-	-	-	-	-	1	-	1	1	2	6
White, male	954	-	-	-	-	-	-	-	-	-	1	3	2	5
White, female	1,119	-	-	-	-	-	-	-	1	-	-	-	1	4
Black, male	109	-	-	-	-	-	-	-	-	-	-	1	2	2
Black, female	99	-	-	-	-	-	-	-	-	-	1	1	1	2
Gastritis and duodenitis (535)	690	1	-	-	-	-	1	1	-	1	6	8	17	15
All races, male	347	1	-	-	-	-	1	1	-	-	5	6	13	10
All races, female	343	-	-	-	-	-	-	-	-	1	1	2	4	5
White, male	300	-	-	-	-	-	-	-	-	-	5	5	8	9
White, female	306	-	-	-	-	-	-	-	-	-	1	2	3	4
Black, male	41	1	-	-	-	-	1	1	-	-	-	-	5	1
Black, female	36	-	-	-	-	-	-	-	-	1	-	-	1	1
Appendicitis (540-543)	438	5	-	3	2	2	12	6	7	5	6	5	7	8
All races, male	257	3	-	2	1	2	8	3	3	4	5	3	3	5
All races, female	181	2	-	1	1	-	4	3	4	1	1	2	4	3
White, male	212	3	-	2	1	2	8	3	2	3	3	3	3	5
White, female	145	2	-	1	1	-	4	1	4	-	1	-	2	2
Black, male	39	-	-	-	-	-	-	-	1	1	1	-	-	-
Black, female	32	-	-	-	-	-	-	1	-	1	-	2	2	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,838	87	10	6	4	3	110	17	10	7	15	17	15	43
All races, male	2,132	59	8	4	2	2	75	10	7	5	10	11	8	22
All races, female	3,706	28	2	2	2	1	35	7	3	2	5	6	7	21
White, male	1,787	40	7	3	2	2	54	7	5	5	8	6	6	13
White, female	3,302	19	1	2	1	1	24	6	3	1	4	2	4	14
Black, male	319	17	1	1	-	-	19	2	2	-	2	5	2	9
Black, female	378	9	1	-	1	-	11	1	-	1	-	4	3	6
Regional enteritis and idiopathic proctocolitis (555-556)	681	2	1	-	-	-	3	-	-	3	3	10	14	13
All races, male	264	-	1	-	-	-	1	-	-	-	1	5	6	10
All races, female	417	2	-	-	-	-	2	-	-	3	2	5	8	3
White, male	242	-	1	-	-	-	1	-	-	-	1	5	4	6
White, female	395	1	-	-	-	-	1	-	-	3	2	5	6	2
Black, male	21	-	-	-	-	-	-	-	-	-	-	-	2	4
Black, female	21	1	-	-	-	-	1	-	-	-	-	-	2	1
All other noninfective gastroenteritis and colitis (557-558)	8,143	123	16	7	-	3	149	6	4	10	3	15	30	38
All races, male	2,827	72	9	4	-	2	87	6	3	4	-	9	21	19
All races, female	5,316	51	7	3	-	1	62	-	1	6	3	6	9	19
White, male	2,467	42	7	2	-	-	51	5	2	3	-	4	16	14
White, female	4,833	26	4	3	-	1	34	-	-	4	3	4	8	16
Black, male	317	26	2	2	-	2	32	1	1	-	-	5	5	5
Black, female	431	21	3	-	-	-	24	-	1	2	-	2	1	3
Diverticula of intestine (562)	3,092	-	-	-	-	-	-	-	-	-	1	1	4	8
All races, male	950	-	-	-	-	-	-	-	-	-	1	-	3	3
All races, female	2,142	-	-	-	-	-	-	-	-	-	-	1	1	5
White, male	888	-	-	-	-	-	-	-	-	-	1	-	3	2
White, female	1,990	-	-	-	-	-	-	-	-	-	-	-	1	2
Black, male	55	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	139	-	-	-	-	-	-	-	-	-	-	1	-	2
Chronic liver disease and cirrhosis (571)	25,815	16	5	1	1	-	23	3	4	10	34	196	693	1,575
All races, male	16,627	8	1	1	-	-	10	1	1	7	16	125	432	1,134
All races, female	9,188	8	4	-	1	-	13	2	3	3	18	71	261	441
White, male	13,889	6	1	1	-	-	8	1	1	6	13	86	314	828
White, female	7,589	7	1	-	1	-	9	1	2	2	10	46	156	275
Black, male	2,393	2	-	-	-	-	2	-	-	1	2	34	103	272
Black, female	1,360	1	3	-	-	-	4	1	1	1	6	17	83	148

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Diseases of other parts of the digestive system (530-579)	2,990	3,208	3,617	4,749	6,421	7,868	8,478	8,206	9,322	7,858	4,638	1,715	288	21
All races, male	2,134	2,265	2,439	3,059	3,963	4,528	4,443	4,373	3,649	2,538	1,207	413	58	14
All races, female	856	943	1,178	1,690	2,458	3,340	4,035	4,833	5,673	5,320	3,431	1,302	230	7
White, male	1,561	1,693	1,895	2,484	3,364	3,984	3,959	3,956	3,321	2,317	1,124	386	50	9
White, female	557	678	899	1,312	2,061	2,901	3,554	4,371	5,231	4,925	3,222	1,230	209	6
Black, male	514	507	475	520	530	467	427	353	278	177	72	24	7	5
Black, female	272	228	241	319	352	382	433	409	409	352	183	63	17	1
Ulcer of stomach and duodenum (531-533)	76	107	145	212	364	557	803	964	1,059	962	582	197	23	1
All races, male	53	67	96	146	219	338	472	473	451	335	164	59	4	-
All races, female	23	40	49	66	145	219	331	491	608	627	418	138	19	1
White, male	35	55	69	116	171	287	422	441	413	313	159	55	3	-
White, female	13	30	41	53	128	188	288	444	575	586	395	136	18	1
Black, male	18	11	24	28	43	47	45	25	30	15	4	4	1	-
Black, female	7	10	5	12	17	29	38	38	32	33	16	1	1	-
Gastric ulcer (531)	31	51	51	74	131	175	235	294	308	266	166	42	9	-
All races, male	21	29	34	49	76	99	122	137	121	88	38	8	2	-
All races, female	10	22	17	25	55	76	113	157	187	178	128	34	7	-
White, male	11	23	24	37	56	80	105	123	107	79	36	7	2	-
White, female	5	16	13	19	48	67	100	144	175	167	119	34	7	-
Black, male	10	6	8	11	18	18	14	10	10	6	1	1	-	-
Black, female	3	6	2	5	7	8	12	11	11	9	7	-	-	-
Duodenal ulcer (532)	22	29	57	77	105	177	286	338	332	287	164	63	6	1
All races, male	17	20	37	57	66	118	180	169	156	97	56	22	1	-
All races, female	5	9	20	20	39	59	106	169	176	190	108	41	5	1
White, male	12	17	31	47	58	105	162	159	145	92	55	22	1	-
White, female	3	8	18	17	37	50	91	155	165	181	99	39	5	1
Black, male	5	2	5	10	7	12	16	9	9	2	1	-	-	-
Black, female	1	1	2	3	2	8	12	11	11	6	6	1	-	-
Peptic ulcer, site unspecified (533)	23	27	37	61	128	205	282	332	419	409	252	92	8	-
All races, male	15	18	25	40	77	121	170	167	174	150	70	29	1	-
All races, female	8	9	12	21	51	84	112	165	245	259	182	63	7	-
White, male	12	15	14	32	57	102	155	159	161	142	68	26	-	-
White, female	5	6	10	17	43	71	97	145	235	238	177	63	6	-
Black, male	3	3	11	7	18	17	15	6	11	7	2	3	1	-
Black, female	3	3	1	4	8	13	14	16	10	18	3	-	1	-
Gastritis and duodenitis (535)	23	29	28	34	42	57	63	78	90	92	67	32	6	-
All races, male	14	23	18	19	30	30	37	30	41	40	23	5	1	-
All races, female	9	6	10	15	12	27	26	48	49	52	44	27	5	-
White, male	10	19	11	19	25	27	34	29	38	36	19	5	1	-
White, female	5	3	8	12	12	23	23	43	46	49	42	25	5	-
Black, male	2	4	7	-	5	2	3	1	2	3	4	-	-	-
Black, female	4	2	2	3	-	4	3	5	3	3	2	2	-	-
Appendicitis (540-543)	22	17	15	19	36	41	51	66	48	38	21	6	2	-
All races, male	14	14	8	12	24	30	30	41	24	11	9	5	1	-
All races, female	8	3	7	7	12	11	21	25	24	27	12	1	1	-
White, male	11	9	4	10	22	21	26	34	19	11	9	5	1	-
White, female	5	2	5	6	9	7	17	22	23	23	10	1	1	-
Black, male	3	5	3	2	2	9	3	6	3	-	-	-	-	-
Black, female	3	-	2	1	3	3	4	3	-	4	2	-	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	54	61	74	108	226	356	527	862	1,118	1,110	756	300	51	1
All races, male	29	27	38	59	102	163	238	380	385	317	174	61	10	1
All races, female	25	34	36	49	124	193	289	482	733	793	582	239	41	-
White, male	16	19	24	45	77	134	198	323	342	282	157	57	9	-
White, female	17	24	24	42	98	156	248	430	663	728	549	226	39	-
Black, male	13	8	13	13	24	26	37	52	40	30	16	4	1	1
Black, female	7	9	11	6	24	34	38	49	67	62	31	12	2	-
Regional enteritis and idiopathic proctocolitis (555-556)	26	23	35	33	42	71	85	112	104	78	18	7	1	-
All races, male	18	13	16	15	17	37	32	40	31	18	3	1	-	-
All races, female	8	10	19	18	25	34	53	72	73	60	15	6	1	-
White, male	14	12	14	14	14	36	32	38	31	16	3	1	-	-
White, female	7	8	17	18	25	33	52	67	70	59	15	4	1	-
Black, male	3	1	2	1	3	1	-	2	-	2	-	-	-	-
Black, female	1	2	2	-	-	1	1	5	3	1	-	1	-	-
All other noninfective gastroenteritis and colitis (557-558)	54	74	130	270	410	749	1,092	1,345	1,507	1,271	705	248	33	-
All races, male	34	36	64	116	171	333	412	511	449	339	149	58	6	-
All races, female	20	38	66	154	239	416	680	834	1,058	932	556	190	27	-
White, male	26	30	51	94	153	286	375	451	407	299	142	52	6	-
White, female	15	33	54	123	202	367	602	781	980	877	530	179	21	-
Black, male	7	6	12	21	16	43	34	49	37	33	6	4	-	-
Black, female	4	4	9	28	36	41	70	48	72	48	24	10	4	-
Diverticula of intestine (562)	14	17	43	68	131	253	379	470	593	594	381	122	13	-
All races, male	10	10	20	31	66	114	151	174	143	133	67	23	1	-
All races, female	4	7	23	37	65	139	228	296	450	461	314	99	12	-
White, male	7	9	16	28	62	103	141	163	135	127	67	23	1	-
White, female	1	5	18	30	59	122	207	273	422	438	301	99	12	-
Black, male	3	1	3	3	4	10	8	10	7	5	-	-	-	-
Black, female	2	2	5	6	5	16	20	21	28	21	10	-	-	-
Chronic liver disease and cirrhosis (571)	2,041	2,220	2,280	2,875	3,431	3,502	2,788	2,115	1,304	543	143	20	-	15
All races, male	1,511	1,631	1,621	1,964	2,289	2,164	1,636	1,116	642	240	56	9	-	12
All races, female	530	589	659	911	1,132	1,338	1,152	999	662	303	87	11	-	3
White, male	1,138	1,232	1,284	1,611	1,993	1,961	1,490	1,039	592	223	53	8	-	8
White, female	344	416	511	707	957	1,194	1,044	917	615	287	83	11	-	2
Black, male	330	350	290	321	264	173	130	59	41	13	3	1	-	4
Black, female	169	149	127	169	151	120	92	68	35	14	4	-	-	1

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Chronic liver disease and cirrhosis-Con.														
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	11,985	1	-	-	-	-	1	-	-	1	17	118	462	1,067
All races, male	8,676	1	-	-	-	-	1	-	-	1	12	77	290	768
All races, female	3,309	-	-	-	-	-	-	-	-	-	5	41	172	299
White, male	7,001	1	-	-	-	-	1	-	-	1	10	50	210	557
White, female	2,481	-	-	-	-	-	-	-	-	-	4	25	101	176
Black, male	1,493	-	-	-	-	-	-	-	-	-	1	24	68	182
Black, female	709	-	-	-	-	-	-	-	-	-	-	8	54	109
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	1,150	-	1	-	1	-	2	-	-	5	6	11	17	25
All races, male	381	-	-	-	-	-	-	-	-	3	1	8	10	15
All races, female	769	-	1	-	1	-	2	-	-	2	5	3	7	10
White, male	320	-	-	-	-	-	-	-	-	3	-	5	7	14
White, female	694	-	-	-	1	-	1	-	-	2	3	3	5	7
Black, male	40	-	-	-	-	-	-	-	-	-	1	2	3	1
Black, female	56	-	1	-	-	-	1	-	-	-	2	-	2	3
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	12,680	15	4	1	-	-	20	3	4	4	11	67	214	483
All races, male	7,570	7	1	1	-	-	9	1	1	3	3	40	132	351
All races, female	5,110	8	3	-	-	-	11	2	3	1	8	27	82	132
White, male	6,568	5	1	1	-	-	7	1	1	2	3	31	97	257
White, female	4,414	7	1	-	-	-	8	1	2	-	3	18	50	92
Black, male	860	2	-	-	-	-	2	-	-	1	-	8	32	89
Black, female	595	1	2	-	-	-	3	1	1	1	4	9	27	36
Cholelithiasis and other disorders of gallbladder (574-575)	3,022	3	-	-	-	-	3	-	1	1	4	10	12	24
All races, male	1,280	2	-	-	-	-	2	-	1	-	3	3	6	16
All races, female	1,742	1	-	-	-	-	1	-	-	1	1	7	6	8
White, male	1,156	2	-	-	-	-	2	-	-	-	2	2	5	10
White, female	1,566	1	-	-	-	-	1	-	-	-	1	6	5	6
Black, male	96	-	-	-	-	-	-	-	-	1	-	1	1	5
Black, female	148	-	-	-	-	-	-	-	-	1	-	1	1	1
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	21,171	151	35	12	15	12	225	30	14	35	81	153	288	490
All races, male	10,509	90	26	5	11	5	137	18	5	20	44	84	200	325
All races, female	10,662	61	9	7	4	7	88	12	9	15	37	69	88	165
White, male	8,724	58	17	4	8	5	92	13	5	15	32	53	127	207
White, female	9,139	42	4	3	4	6	59	11	4	12	21	46	56	103
Black, male	1,578	30	8	1	2	-	41	4	-	5	11	28	69	109
Black, female	1,380	19	5	4	-	-	28	1	5	3	14	21	30	60
X. Diseases of the genitourinary system (580-629)	38,637	178	11	7	6	5	207	11	15	32	76	124	231	372
All races, male	17,061	100	6	6	2	3	117	8	7	16	44	76	130	241
All races, female	21,576	78	5	1	4	2	90	3	8	16	32	48	101	131
White, male	13,688	61	4	2	1	2	70	6	4	11	32	43	73	136
White, female	17,681	45	4	-	4	2	55	2	4	11	20	22	54	62
Black, male	3,081	34	2	4	1	1	42	2	3	4	12	29	55	99
Black, female	3,607	30	1	1	-	-	32	1	4	5	12	26	43	66
Diseases of urinary system (580-599)	37,642	177	11	7	6	5	206	11	15	32	73	120	220	358
All races, male	16,360	99	6	6	2	3	116	8	7	16	43	75	129	237
All races, female	21,282	78	5	1	4	2	90	3	8	16	30	45	91	121
White, male	13,079	61	4	2	1	2	70	6	4	11	31	43	73	133
White, female	17,444	45	4	-	4	2	55	2	4	11	20	20	48	55
Black, male	2,997	33	2	4	1	1	41	2	3	4	12	29	54	98
Black, female	3,550	30	1	1	-	-	32	1	4	5	10	25	39	63
Nephritis, nephrotic syndrome, and nephrosis (580-589)	20,764	151	11	5	3	5	175	9	11	17	40	75	140	252
All races, male	10,005	82	6	4	1	3	96	6	4	8	27	48	92	165
All races, female	10,759	69	5	1	2	2	79	3	7	9	13	27	48	87
White, male	8,021	50	4	1	-	2	57	5	2	5	19	27	51	99
White, female	8,550	40	4	-	2	2	48	2	4	6	5	10	29	36
Black, male	1,806	28	2	3	1	1	35	1	2	2	8	20	39	64
Black, female	2,049	26	1	1	-	-	28	1	3	3	8	17	17	49
Acute glomerulonephritis (580)	90	2	-	-	-	-	2	-	-	-	-	-	1	4
All races, male	46	1	-	-	-	-	1	-	-	-	-	-	1	2
All races, female	44	1	-	-	-	-	1	-	-	-	-	-	-	2
White, male	38	1	-	-	-	-	1	-	-	-	-	-	1	2
White, female	40	1	-	-	-	-	1	-	-	-	-	-	-	2
Black, male	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Nephrotic syndrome (581)	206	8	1	1	1	2	13	2	1	-	3	2	4	5
All races, male	99	3	-	1	-	1	5	2	-	-	2	2	4	5
All races, female	107	5	1	-	1	1	8	-	1	-	1	-	-	-
White, male	80	2	-	-	-	-	2	1	-	-	2	1	1	4
White, female	91	4	-	-	1	1	6	-	1	-	1	-	-	-
Black, male	19	1	-	1	-	1	3	1	-	-	-	1	3	1
Black, female	15	-	1	-	-	-	1	-	-	-	-	-	-	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,521	1	2	-	1	1	5	3	3	3	8	12	19	39
All races, male	763	1	-	-	-	-	1	1	1	1	5	10	14	27
All races, female	758	-	2	-	1	1	4	2	2	2	3	2	5	12
White, male	590	1	-	-	-	-	1	1	1	1	3	6	7	19
White, female	601	-	2	-	1	1	4	1	2	2	-	2	2	9
Black, male	156	-	-	-	-	-	-	-	-	-	2	4	7	7
Black, female	144	-	-	-	-	-	-	1	-	-	3	-	2	3
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	18,947	140	8	4	1	2	155	4	7	14	29	61	116	204
All races, male	9,097	77	6	3	1	2	89	3	3	7	20	36	73	131
All races, female	9,850	63	2	1	-	-	66	1	4	7	9	25	43	73
White, male	7,313	46	4	1	-	2	53	3	1	4	14	20	42	74
White, female	7,818	35	2	-	-	-	37	1	1	4	4	8	27	25
Black, male	1,626	27	2	2	1	-	32	-	2	2	6	15	29	56
Black, female	1,887	26	-	1	-	-	27	-	3	3	5	17	15	46

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Chronic liver disease and cirrhosis-Con.														
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	1,314	1,383	1,317	1,561	1,637	1,413	907	489	212	65	10	1	-	10
All races, male	977	1,031	980	1,132	1,231	990	631	346	144	50	6	-	-	9
All races, female	337	352	337	429	406	423	276	143	68	15	4	1	-	1
White, male	735	761	756	919	1,058	884	558	316	128	45	6	-	-	6
White, female	217	239	255	321	326	363	252	127	58	12	4	1	-	-
Black, male	216	240	199	201	154	95	66	25	15	4	-	-	-	3
Black, female	108	94	72	93	70	52	22	15	8	3	-	-	-	1
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	43	39	67	90	124	201	180	154	124	50	10	1	-	1
All races, male	34	25	30	32	30	58	51	44	26	11	2	-	-	1
All races, female	9	14	37	58	94	143	129	110	98	39	8	1	-	-
White, male	21	21	24	24	26	52	46	39	25	10	2	-	-	1
White, female	8	12	28	46	86	132	119	103	94	37	7	1	-	-
Black, male	9	2	4	5	1	4	4	2	1	1	-	-	-	-
Black, female	1	2	6	9	4	7	8	5	3	2	1	-	-	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	684	798	896	1,224	1,670	1,888	1,701	1,472	968	428	123	18	-	4
All races, male	500	575	611	800	1,038	1,116	954	726	472	179	48	9	-	2
All races, female	184	223	285	424	632	772	747	746	496	249	75	9	-	2
White, male	382	450	504	668	909	1,025	886	684	439	168	45	8	-	1
White, female	119	165	228	340	545	699	673	687	463	238	72	9	-	2
Black, male	105	108	87	115	109	74	60	32	25	8	3	1	-	1
Black, female	60	53	49	67	77	61	62	48	24	9	3	-	-	-
Cholelithiasis and other disorders of gallbladder (574-575)	19	23	44	70	142	266	364	465	562	518	333	132	27	2
All races, male	8	11	20	41	65	150	195	245	209	168	96	37	4	-
All races, female	11	12	24	29	77	116	169	220	353	350	237	95	23	2
White, male	5	10	19	34	56	130	174	228	194	158	89	34	4	-
White, female	9	8	18	25	60	100	152	193	328	324	220	90	18	2
Black, male	3	-	1	6	8	14	17	11	13	7	5	2	-	-
Black, female	2	4	5	4	12	13	15	23	23	22	13	3	5	-
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	661	637	823	1,060	1,597	2,016	2,326	2,729	2,937	2,652	1,632	651	132	2
All races, male	443	433	538	656	970	1,169	1,240	1,363	1,274	937	466	155	31	1
All races, female	218	204	285	404	627	847	1,086	1,366	1,663	1,715	1,166	496	101	1
White, male	299	298	403	513	791	999	1,067	1,210	1,150	852	426	146	25	1
White, female	141	149	203	296	511	711	921	1,201	1,509	1,554	1,077	459	94	1
Black, male	132	121	120	125	161	142	150	138	105	69	34	9	5	-
Black, female	73	46	73	90	104	121	152	149	146	144	81	34	5	-
X. Diseases of the genitourinary system (580-629)	448	497	654	971	1,768	2,830	4,181	5,866	7,212	6,670	4,391	1,709	371	1
All races, male	263	284	347	510	929	1,456	2,132	2,890	3,121	2,447	1,466	492	85	-
All races, female	185	213	307	461	839	1,374	2,049	2,976	4,091	4,223	2,925	1,217	286	1
White, male	142	153	205	320	644	1,101	1,722	2,422	2,663	2,132	1,308	433	68	-
White, female	111	132	184	268	567	986	1,559	2,420	3,545	3,760	2,633	1,055	231	-
Black, male	113	126	136	182	257	326	375	418	410	278	144	55	15	-
Black, female	67	73	114	180	253	354	453	511	513	435	266	146	52	1
Diseases of urinary system (580-599)	436	487	638	950	1,719	2,778	4,076	5,711	7,000	6,522	4,266	1,660	363	1
All races, male	259	280	340	496	896	1,416	2,058	2,772	2,967	2,334	1,374	456	81	-
All races, female	177	207	298	454	823	1,362	2,018	2,939	4,033	4,188	2,892	1,204	282	1
White, male	140	151	199	308	619	1,069	1,662	2,320	2,526	2,027	1,221	402	64	-
White, female	106	130	179	264	555	977	1,534	2,388	3,495	3,727	2,602	1,044	228	-
Black, male	112	124	135	180	249	318	363	402	394	270	139	53	15	-
Black, female	64	69	110	177	249	351	447	506	505	433	264	144	51	1
Nephritis, nephrotic syndrome, and nephrosis (580-589)	279	317	407	611	1,125	1,767	2,545	3,256	3,722	3,195	1,985	693	143	-
All races, male	178	179	224	312	575	922	1,343	1,700	1,760	1,332	758	242	34	-
All races, female	101	138	183	299	550	845	1,202	1,556	1,962	1,863	1,227	451	109	-
White, male	96	99	142	199	407	712	1,076	1,440	1,504	1,161	676	215	29	-
White, female	59	83	105	166	372	622	910	1,234	1,659	1,636	1,088	392	84	-
Black, male	77	78	77	110	147	189	247	227	229	148	75	26	5	-
Black, female	39	48	70	123	168	201	269	301	283	212	132	53	24	-
Acute glomerulonephritis (580)	-	1	4	4	2	7	6	10	14	24	9	2	-	-
All races, male	-	1	2	4	1	2	3	6	9	9	4	1	-	-
All races, female	-	-	2	-	1	5	3	4	5	15	5	1	-	-
White, male	-	-	1	2	1	2	2	4	9	8	4	1	-	-
White, female	-	-	1	-	-	5	3	3	5	14	5	1	-	-
Black, male	-	1	1	1	-	-	1	1	-	-	-	-	-	-
Black, female	-	-	1	-	1	-	-	1	-	-	-	-	-	-
Nephrotic syndrome (581)	2	11	2	6	13	26	20	25	33	25	9	4	-	-
All races, male	1	7	1	3	8	12	13	13	10	6	5	-	-	-
All races, female	1	4	1	3	5	14	7	12	23	19	4	4	-	-
White, male	-	4	1	3	5	9	13	13	10	6	5	-	-	-
White, female	-	3	1	2	5	11	5	11	21	17	3	4	-	-
Black, male	1	3	-	-	3	3	-	-	-	-	-	-	-	-
Black, female	1	1	-	1	-	3	2	1	2	2	1	-	-	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	33	30	44	53	81	123	184	238	257	226	107	45	8	-
All races, male	22	17	28	24	52	66	98	119	115	95	45	21	1	-
All races, female	11	13	16	29	29	57	86	119	142	131	62	24	7	-
White, male	11	14	17	16	41	45	80	97	95	82	37	15	1	-
White, female	7	8	13	16	20	44	68	86	123	111	58	19	6	-
Black, male	11	3	9	8	8	18	18	17	19	12	7	6	-	-
Black, female	4	4	1	13	9	12	16	32	16	18	4	5	1	-
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	244	275	357	548	1,029	1,611	2,335	2,983	3,418	2,920	1,860	642	135	-
All races, male	155	154	193	281	514	842	1,229	1,562	1,626	1,222	704	220	33	-
All races, female	89	121	164	267	515	769	1,106	1,421	1,792	1,698	1,156	422	102	-
White, male	85	81	123	178	360	656	981	1,326	1,390	1,065	630	199	28	-
White, female	52	72	90	148	347	562	834	1,134	1,510	1,494	1,022	368	78	-
Black, male	65	71	67	101	136	168	228	209	210	136	68	20	5	-
Black, female	34	43	68	109	158	186	251	267	265	192	127	48	23	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Diseases of urinary system-Con.														
Infections of kidney (590)	1,296	6	–	–	1	–	7	–	–	1	8	3	5	15
All races, male	404	5	–	–	–	–	5	–	–	–	2	1	4	6
All races, female	892	1	–	–	1	–	2	–	–	1	6	2	1	9
White, male	339	2	–	–	–	–	2	–	–	–	2	1	4	3
White, female	795	1	–	–	1	–	2	–	–	1	5	1	–	9
Black, male	57	3	–	–	–	–	3	–	–	–	–	–	–	2
Black, female	81	–	–	–	–	–	–	–	–	–	1	1	1	–
Urinary calculus (592,594)	309	–	–	–	–	–	–	–	–	–	1	–	3	1
All races, male	118	–	–	–	–	–	–	–	–	–	–	–	2	1
All races, female	191	–	–	–	–	–	–	–	–	–	1	–	1	–
White, male	105	–	–	–	–	–	–	–	–	–	–	–	2	1
White, female	170	–	–	–	–	–	–	–	–	–	1	–	1	–
Black, male	12	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	19	–	–	–	–	–	–	–	–	–	–	–	–	–
All other diseases of urinary system (591,593,595-599)	15,273	20	–	2	2	–	24	2	4	14	24	42	72	90
All races, male	5,833	12	–	2	1	–	15	2	3	8	14	26	31	65
All races, female	9,440	8	–	–	1	–	9	–	1	6	10	16	41	25
White, male	4,614	9	–	1	1	–	11	1	2	6	10	15	16	30
White, female	7,929	4	–	–	1	–	5	–	–	4	9	9	18	10
Black, male	1,122	2	–	1	–	–	3	1	1	2	4	9	15	32
Black, female	1,401	4	–	–	–	–	4	–	1	2	1	7	21	14
Diseases of male genital organs (600-608)	701	1	–	–	–	–	1	–	–	–	1	1	1	4
All races, male	701	1	–	–	–	–	1	–	–	–	1	1	1	4
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	609	–	–	–	–	–	–	–	–	–	1	–	–	3
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	84	1	–	–	–	–	1	–	–	–	–	–	1	1
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hyperplasia of prostate (600)	455	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, male	455	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	402	–	–	–	–	–	–	–	–	–	–	–	–	–
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	48	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of male genital organs (601-608)	246	1	–	–	–	–	1	–	–	–	1	1	1	4
All races, male	246	1	–	–	–	–	1	–	–	–	1	1	1	4
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	207	–	–	–	–	–	–	–	–	–	1	–	–	3
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	36	1	–	–	–	–	1	–	–	–	–	–	1	1
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Disorders of breast (610-611)	32	–	–	–	–	–	–	–	–	–	–	–	1	–
All races, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, female	32	–	–	–	–	–	–	–	–	–	–	–	1	–
White, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White, female	23	–	–	–	–	–	–	–	–	–	–	–	1	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	9	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of female genital organs except breast (614-629)	262	–	–	–	–	–	–	–	–	–	2	3	9	10
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	262	–	–	–	–	–	–	–	–	–	2	3	9	10
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	214	–	–	–	–	–	–	–	–	–	–	2	5	7
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	48	–	–	–	–	–	–	–	–	–	2	1	4	3
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	343	...	...	...	...	...	...	...	–	40	67	76	84	52
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	343	...	...	...	...	...	...	...	–	40	67	76	84	52
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	177	...	...	...	...	...	...	...	–	19	33	50	37	28
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	153	...	...	...	...	...	...	...	–	19	32	25	44	20
Pregnancy with abortive outcome (630-638)	57	...	...	...	...	...	...	...	–	8	11	8	18	9
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	57	...	...	...	...	...	...	...	–	8	11	8	18	9
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	23	...	...	...	...	...	...	...	–	4	4	4	6	5
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	33	...	...	...	...	...	...	...	–	4	7	3	12	4
Ectopic pregnancy (633)	41	...	...	...	...	...	...	...	–	4	8	7	13	6
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	41	...	...	...	...	...	...	...	–	4	8	7	13	6
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	14	...	...	...	...	...	...	...	–	1	2	3	4	4
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	26	...	...	...	...	...	...	...	–	3	6	3	9	2
Spontaneous abortion (634)	6	...	...	...	...	...	...	...	–	2	2	–	1	1
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	6	...	...	...	...	...	...	...	–	2	2	–	1	1
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	4	...	...	...	...	...	...	...	–	2	1	–	–	1
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	2	...	...	...	...	...	...	...	–	–	1	–	1	–

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Diseases of urinary system-Con.														
Infections of kidney (590)	19	19	25	34	59	77	122	188	248	240	146	65	15	-
All races, male	5	10	10	15	27	22	50	58	72	68	35	13	1	-
All races, female	14	9	15	19	32	55	72	130	176	172	111	52	14	-
White, male	3	8	7	11	22	13	44	50	62	61	33	12	1	-
White, female	10	8	13	16	27	45	62	117	158	159	101	48	13	-
Black, male	2	2	3	3	5	8	5	7	8	6	2	1	-	-
Black, female	2	1	2	3	4	8	9	7	17	13	8	3	1	-
Urinary calculus (592,594)	3	2	9	12	18	34	29	39	60	69	23	6	-	-
All races, male	2	2	3	4	7	18	12	15	21	24	7	-	-	-
All races, female	1	-	6	8	11	16	17	24	39	45	16	6	-	-
White, male	2	2	2	3	6	16	11	13	18	22	7	-	-	-
White, female	1	-	4	7	8	12	15	20	39	41	15	6	-	-
Black, male	-	-	1	-	1	2	1	2	3	2	-	-	-	-
Black, female	-	-	2	1	2	4	2	4	-	3	1	-	-	-
All other diseases of urinary system (591,593,595-599)	135	149	197	293	517	900	1,380	2,228	2,970	3,018	2,112	896	205	1
All races, male	74	89	103	165	287	454	653	999	1,114	910	574	201	46	-
All races, female	61	60	94	128	230	446	727	1,229	1,856	2,108	1,538	695	159	1
White, male	39	42	48	95	184	328	531	817	942	783	505	175	34	-
White, female	36	39	57	75	148	298	547	1,017	1,639	1,891	1,398	598	131	-
Black, male	33	44	54	67	96	119	110	166	154	114	62	26	10	-
Black, female	23	20	36	50	75	138	167	194	205	205	123	88	26	1
Diseases of male genital organs (600-608)	4	4	7	14	33	40	74	118	154	113	92	36	4	-
All races, male	4	4	7	14	33	40	74	118	154	113	92	36	4	-
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	2	2	6	12	25	32	60	102	137	105	87	31	4	-
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	1	2	1	2	8	8	12	16	16	8	5	2	-	-
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hyperplasia of prostate (600)	-	-	-	8	9	17	41	81	99	85	79	33	3	-
All races, male	-	-	-	8	9	17	41	81	99	85	79	33	3	-
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	-	-	-	7	8	15	31	69	88	78	75	28	3	-
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	-	-	-	1	1	2	9	12	10	7	4	2	-	-
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of male genital organs (601-608)	4	4	7	6	24	23	33	37	55	28	13	3	1	-
All races, male	4	4	7	6	24	23	33	37	55	28	13	3	1	-
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	2	2	6	5	17	17	29	33	49	27	12	3	1	-
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	1	2	1	1	7	6	3	4	6	1	1	-	-	-
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Disorders of breast (610-611)	-	-	2	2	3	2	3	4	3	3	5	3	1	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	2	2	3	2	3	4	3	3	5	3	1	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	1	-	2	1	2	3	3	2	5	2	1	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	1	2	1	1	1	1	-	1	-	1	-	-
Diseases of female genital organs except breast (614-629)	8	6	7	5	13	10	28	33	55	32	28	10	3	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	8	6	7	5	13	10	28	33	55	32	28	10	3	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	5	2	4	4	10	8	23	29	47	31	26	9	2	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	3	4	3	1	3	2	5	4	8	1	2	1	1	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	21	3	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	21	3	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	9	1	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	11	2	-	...	...	...	...	...	...	...	...	...	...	-
Pregnancy with abortive outcome (630-638)	2	1	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	2	1	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	2	1	-	...	...	...	...	...	...	...	...	...	...	-
Ectopic pregnancy (633)	2	1	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	2	1	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	2	1	-	...	...	...	...	...	...	...	...	...	...	-
Spontaneous abortion (634)	-	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Pregnancy with abortive outcome-Con.														
Legally induced abortion (635)	1	...	...	...	...	...	...	...	-	1	-	-	-	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	1	...	...	...	...	...	...	...	-	1	-	-	-	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	...	...	...	...	...	...	...	-	-	-	-	-	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	1	...	...	...	...	...	...	...	-	1	-	-	-	-
Illegally induced abortion (636)	1	...	...	...	...	...	...	...	-	-	-	-	1	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	1	...	...	...	...	...	...	...	-	-	-	-	1	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	1	...	...	...	...	...	...	...	-	-	-	-	1	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	...	...	...	...	...	...	...	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	8	...	...	...	...	...	...	...	-	1	1	1	3	2
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	8	...	...	...	...	...	...	...	-	1	1	1	3	2
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	4	...	...	...	...	...	...	...	-	1	1	1	1	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	4	...	...	...	...	...	...	...	-	-	-	-	2	2
Direct obstetric causes (640-646,651-676)	265	...	...	...	...	...	...	...	-	31	54	62	57	41
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	265	...	...	...	...	...	...	...	-	31	54	62	57	41
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	140	...	...	...	...	...	...	...	-	14	27	42	26	22
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	113	...	...	...	...	...	...	...	-	15	25	20	28	15
Hemorrhage of pregnancy and childbirth (640-641,666)	44	...	...	...	...	...	...	...	-	4	7	13	12	5
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	44	...	...	...	...	...	...	...	-	4	7	13	12	5
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	26	...	...	...	...	...	...	...	-	2	4	9	5	3
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	17	...	...	...	...	...	...	...	-	2	3	4	6	2
Toxemia of pregnancy (642.4-642.9,643)	64	...	...	...	...	...	...	...	-	11	17	11	15	7
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	64	...	...	...	...	...	...	...	-	11	17	11	15	7
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	34	...	...	...	...	...	...	...	-	5	7	7	10	3
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	27	...	...	...	...	...	...	...	-	5	9	4	5	3
Obstructed labor (660)	-	...	...	...	...	...	...	...	-	-	-	-	-	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	-	...	...	...	...	...	...	...	-	-	-	-	-	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	...	...	...	...	...	...	...	-	-	-	-	-	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	...	...	...	...	...	...	...	-	-	-	-	-	-
Complications of the puerperium (670-676)	99	...	...	...	...	...	...	...	-	13	19	23	16	18
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	99	...	...	...	...	...	...	...	-	13	19	23	16	18
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	51	...	...	...	...	...	...	...	-	7	10	15	6	11
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	43	...	...	...	...	...	...	...	-	5	8	8	9	5
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	58	...	...	...	...	...	...	...	-	3	11	15	14	11
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	58	...	...	...	...	...	...	...	-	3	11	15	14	11
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	29	...	...	...	...	...	...	...	-	-	6	11	5	5
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	26	...	...	...	...	...	...	...	-	3	5	4	8	5
Indirect obstetric causes (647-648)	21	...	...	...	...	...	...	...	-	1	2	6	9	2
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	21	...	...	...	...	...	...	...	-	1	2	6	9	2
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	14	...	...	...	...	...	...	...	-	1	2	4	5	1
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	7	...	...	...	...	...	...	...	-	-	-	2	4	1
Delivery in a completely normal case (650)	-	...	...	...	...	...	...	...	-	-	-	-	-	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	-	...	...	...	...	...	...	...	-	-	-	-	-	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	...	...	...	...	...	...	...	-	-	-	-	-	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	...	...	...	...	...	...	...	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	3,557	8	1	2	-	-	11	2	3	6	10	15	23	23
All races, male	1,295	4	1	2	-	-	7	1	1	-	2	5	13	10
All races, female	2,262	4	-	-	-	-	4	1	2	6	8	10	10	13
White, male	912	3	-	-	-	-	3	1	1	-	-	1	7	4
White, female	1,616	1	-	-	-	-	1	-	2	2	1	6	8	5
Black, male	358	1	1	2	-	-	4	-	-	-	2	3	6	6
Black, female	625	2	-	-	-	-	2	1	-	4	7	3	2	8

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Pregnancy with abortive outcome-Con.														
Legally induced abortion (635)	-	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Illegally induced abortion (636)	-	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Direct obstetric causes (640-646,651-676)	18	2	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	18	2	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	8	1	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	9	1	-	...	...	...	...	...	...	...	...	...	...	-
Hemorrhage of pregnancy and childbirth (640-641,666)	3	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	3	-	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	3	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Toxemia of pregnancy (642.4-642.9,643)	3	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	3	-	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	2	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	1	-	-	...	...	...	...	...	...	...	...	...	...	-
Obstructed labor (660)	-	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Complications of the puerperium (670-676)	9	1	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	9	1	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	2	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	7	1	-	...	...	...	...	...	...	...	...	...	...	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	3	1	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	3	1	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	1	1	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	1	-	-	...	...	...	...	...	...	...	...	...	...	-
Indirect obstetric causes (647-648)	1	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	1	-	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	1	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Delivery in a completely normal case (650)	-	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	28	43	60	73	145	198	326	512	675	658	461	223	61	1
All races, male	14	23	33	35	80	102	152	197	257	190	120	42	11	-
All races, female	14	20	27	38	65	96	174	315	418	468	341	181	50	1
White, male	7	9	24	20	48	75	107	147	182	142	95	33	6	-
White, female	7	14	15	24	38	57	111	213	317	355	273	139	28	-
Black, male	6	14	9	15	32	22	42	47	68	45	23	9	5	-
Black, female	7	4	12	14	25	36	63	99	97	110	66	42	22	1

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Infections of skin and subcutaneous tissue (680-686)	771	1	-	-	-	-	1	1	-	-	5	5	11	7
All races, male	315	-	-	-	-	-	-	1	-	-	2	3	8	5
All races, female	456	1	-	-	-	-	1	-	-	-	3	2	3	2
White, male	250	-	-	-	-	-	-	1	-	-	-	1	4	2
White, female	378	-	-	-	-	-	-	-	-	-	-	2	2	1
Black, male	59	-	-	-	-	-	-	-	-	-	2	2	4	3
Black, female	70	-	-	-	-	-	-	-	-	-	3	-	1	1
All other diseases of skin and subcutaneous tissue (690-709)	2,786	7	1	2	-	-	10	1	3	6	5	10	12	16
All races, male	980	4	1	2	-	-	7	-	1	-	-	2	5	5
All races, female	1,806	3	-	-	-	-	3	1	2	6	5	8	7	11
White, male	662	3	-	-	-	-	3	-	1	-	-	-	3	2
White, female	1,238	1	-	-	-	-	1	-	2	2	1	4	6	4
Black, male	299	1	1	2	-	-	4	-	-	-	-	1	2	3
Black, female	555	2	-	-	-	-	2	1	-	4	4	3	1	7
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	7,679	12	3	1	1	-	17	9	22	33	77	115	137	175
All races, male	2,178	5	-	1	-	-	6	3	4	8	15	22	27	42
All races, female	5,501	7	3	-	1	-	11	6	18	25	62	93	110	133
White, male	1,837	3	-	1	-	-	4	2	3	7	9	14	10	22
White, female	4,583	5	1	-	1	-	7	5	11	10	26	43	47	69
Black, male	308	1	-	-	-	-	1	1	1	1	6	8	17	18
Black, female	809	2	2	-	-	-	4	-	6	13	29	46	54	60
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1,822	-	-	-	1	-	1	1	-	-	1	2	5	5
All races, male	485	-	-	-	-	-	-	-	-	-	1	-	1	-
All races, female	1,337	-	-	-	1	-	1	1	-	-	-	2	4	5
White, male	461	-	-	-	-	-	-	-	-	-	1	-	1	-
White, female	1,233	-	-	-	1	-	1	1	-	-	-	2	3	5
Black, male	21	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	81	-	-	-	-	-	-	-	-	-	-	-	1	-
Other arthropathies and related disorders (710-712,715-719)	3,538	3	-	-	-	-	3	3	14	23	63	93	108	136
All races, male	834	3	-	-	-	-	3	3	1	1	8	12	14	20
All races, female	2,704	-	-	-	-	-	-	-	13	22	55	81	94	116
White, male	686	2	-	-	-	-	2	2	1	1	5	7	4	10
White, female	2,077	-	-	-	-	-	-	-	6	8	20	36	35	54
Black, male	134	1	-	-	-	-	1	1	-	-	3	5	10	9
Black, female	560	-	-	-	-	-	-	-	6	12	28	41	50	58
Dorsopathies (720-724)	199	-	-	-	-	-	-	1	-	-	-	3	-	2
All races, male	112	-	-	-	-	-	-	-	-	-	-	2	-	1
All races, female	87	-	-	-	-	-	-	1	-	-	-	1	-	1
White, male	99	-	-	-	-	-	-	-	-	-	-	2	-	1
White, female	75	-	-	-	-	-	-	-	-	-	-	1	-	1
Black, male	12	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	11	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatism, excluding the back (725-729)	538	7	3	1	-	-	11	1	1	4	5	10	13	16
All races, male	269	2	-	1	-	-	3	-	-	3	4	4	9	13
All races, female	269	5	3	-	-	-	8	1	1	1	1	6	4	3
White, male	190	1	-	1	-	-	2	-	-	3	2	2	3	5
White, female	211	4	1	-	-	-	5	1	1	-	1	2	3	3
Black, male	70	-	-	-	-	-	-	-	-	-	2	2	6	7
Black, female	54	1	2	-	-	-	3	-	-	1	-	4	1	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	1,582	2	-	-	-	-	2	3	7	6	8	7	11	16
All races, male	478	-	-	-	-	-	-	-	3	4	2	4	3	8
All races, female	1,104	2	-	-	-	-	2	3	4	2	6	3	8	8
White, male	401	-	-	-	-	-	-	-	2	3	1	3	2	6
White, female	987	1	-	-	-	-	1	3	4	2	5	2	6	6
Black, male	71	-	-	-	-	-	-	-	1	1	1	1	1	2
Black, female	103	1	-	-	-	-	1	-	-	-	1	1	2	2
XIV. Congenital anomalies (740-759)	13,085	8,239	466	207	136	87	9,135	286	182	224	267	236	237	236
All races, male	7,050	4,520	253	111	65	44	4,993	155	90	145	156	135	133	144
All races, female	6,035	3,719	213	96	71	43	4,142	131	92	79	111	101	104	92
White, male	5,667	3,545	180	92	48	33	3,898	121	74	113	115	114	116	131
White, female	4,835	2,873	166	81	51	35	3,206	105	72	63	91	83	81	74
Black, male	1,174	823	60	16	13	10	922	28	14	29	39	19	15	12
Black, female	1,003	707	40	13	16	8	784	20	17	14	17	17	18	14
Spina bifida (741)	178	80	11	6	3	2	102	14	8	8	5	9	4	7
All races, male	87	39	6	3	1	-	49	8	4	3	4	5	1	5
All races, female	91	41	5	3	2	2	53	6	4	5	1	4	3	2
White, male	68	28	5	3	1	-	37	7	4	3	1	5	1	5
White, female	80	37	4	3	1	2	47	6	3	5	1	3	3	2
Black, male	17	10	1	-	-	-	11	-	-	-	3	-	-	-
Black, female	10	3	1	-	1	-	5	-	1	-	-	1	-	-
All other congenital anomalies of nervous system (740,742)	1,625	1,016	75	37	19	14	1,161	72	21	27	21	20	12	14
All races, male	805	466	43	19	11	7	546	35	8	16	9	10	5	7
All races, female	820	550	32	18	8	7	615	37	13	11	12	10	7	7
White, male	660	362	34	16	9	6	427	26	6	15	7	9	5	7
White, female	650	426	27	12	5	4	474	30	10	7	9	10	6	5
Black, male	114	81	7	2	2	1	93	8	1	1	2	1	-	-
Black, female	141	102	4	4	3	3	116	7	3	3	2	-	-	2
Congenital anomalies of heart (745-746)	4,641	2,601	221	105	70	49	3,046	128	98	115	139	110	123	125
All races, male	2,504	1,438	119	59	34	29	1,679	74	51	84	75	64	68	79
All races, female	2,137	1,163	102	46	36	20	1,367	54	47	31	64	46	55	46
White, male	2,012	1,134	85	48	24	22	1,313	57	42	62	53	53	57	72
White, female	1,708	884	80	40	27	16	1,047	42	38	22	54	39	43	37
Black, male	424	260	27	10	9	6	312	15	8	21	21	9	11	6
Black, female	357	234	21	6	5	4	270	9	6	8	8	7	10	6

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Infections of skin and subcutaneous tissue (680-686)	7	19	25	32	42	63	77	112	113	117	84	40	10	-
All races, male	5	11	12	15	25	36	39	44	43	34	21	9	2	-
All races, female	2	8	13	17	17	27	38	68	70	83	63	31	8	-
White, male	4	5	10	11	15	31	35	40	34	29	18	8	2	-
White, female	1	5	9	12	9	20	30	53	64	77	59	28	6	-
Black, male	1	6	2	4	10	2	4	4	6	5	3	1	-	-
Black, female	1	1	4	5	7	5	8	15	5	6	3	3	2	-
All other diseases of skin and subcutaneous tissue (690-709)	21	24	35	41	103	135	249	400	562	541	377	183	51	1
All races, male	9	12	21	20	55	66	113	153	214	156	99	33	9	-
All races, female	12	12	14	21	48	69	136	247	348	385	278	150	42	1
White, male	3	4	14	9	33	44	72	107	148	113	77	25	4	-
White, female	6	9	6	12	29	37	81	160	253	278	214	111	22	-
Black, male	5	8	7	11	22	20	38	43	62	40	20	8	5	-
Black, female	6	3	8	9	18	31	55	84	92	104	63	39	20	1
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	201	252	273	373	587	820	948	1,110	1,013	817	461	202	37	-
All races, male	67	63	90	137	189	271	300	326	293	186	92	33	4	-
All races, female	134	189	183	236	398	549	648	784	720	631	369	169	33	-
White, male	47	49	71	103	153	238	262	294	258	170	87	30	4	-
White, female	80	125	123	165	316	475	582	708	662	591	347	161	30	-
Black, male	18	11	16	32	29	29	35	32	34	15	2	2	-	-
Black, female	48	56	55	63	74	66	59	63	52	36	16	6	3	-
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	8	22	34	82	147	268	314	385	286	168	77	13	3	-
All races, male	4	7	13	30	51	88	95	86	67	32	9	1	-	-
All races, female	4	15	21	52	96	180	219	299	219	136	68	12	3	-
White, male	2	6	12	26	49	86	91	84	62	31	9	1	-	-
White, female	2	14	16	40	86	164	202	278	212	130	64	11	2	-
Black, male	2	1	-	3	1	2	4	2	5	1	-	-	-	-
Black, female	1	1	3	9	8	14	14	14	7	5	3	-	1	-
Other arthropathies and related disorders (710-712,715-719)	145	181	170	208	329	374	420	416	335	260	162	80	15	-
All races, male	32	28	40	63	87	96	112	117	92	51	37	15	2	-
All races, female	113	153	130	145	242	278	308	299	243	209	125	65	13	-
White, male	22	23	32	45	68	83	99	105	79	47	36	13	2	-
White, female	65	97	86	100	188	239	274	265	217	192	119	63	13	-
Black, male	8	3	6	17	17	12	11	12	13	4	-	2	-	-
Black, female	43	50	41	41	48	35	32	29	24	15	6	1	-	-
Dorsopathies (720-724)	6	4	8	8	19	25	26	28	33	24	10	2	-	-
All races, male	4	3	2	5	12	20	17	17	13	9	6	1	-	-
All races, female	2	1	6	3	7	5	9	11	20	15	4	1	-	-
White, male	4	3	2	4	9	18	14	15	13	7	6	1	-	-
White, female	2	1	6	2	4	4	9	8	18	14	4	1	-	-
Black, male	-	-	-	1	3	1	3	2	-	2	-	-	-	-
Black, female	-	-	-	1	3	1	-	3	2	1	-	-	-	-
Rheumatism, excluding the back (725-729)	16	24	26	45	44	51	58	68	61	49	23	8	4	-
All races, male	12	14	12	22	20	25	29	35	31	22	9	2	-	-
All races, female	4	10	14	23	24	26	29	33	30	27	14	6	4	-
White, male	7	9	9	16	13	20	19	26	27	18	8	1	-	-
White, female	4	4	9	14	15	16	27	30	28	26	13	5	4	-
Black, male	5	4	3	6	5	4	9	9	4	3	1	-	-	-
Black, female	-	4	5	8	9	9	2	3	2	1	1	1	-	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	26	21	35	30	48	102	130	213	298	316	189	99	15	-
All races, male	15	11	23	17	19	42	47	71	90	72	31	14	2	-
All races, female	11	10	12	13	29	60	83	142	208	244	158	85	13	-
White, male	12	8	16	12	14	31	39	64	77	67	28	14	2	-
White, female	7	9	6	9	23	52	70	127	187	229	147	81	11	-
Black, male	3	3	7	5	3	10	8	7	12	5	1	-	-	-
Black, female	4	1	6	4	6	7	11	14	17	14	6	4	2	-
XIV. Congenital anomalies (740-759)	218	190	174	194	218	267	280	243	235	158	78	18	5	4
All races, male	120	97	88	97	108	132	120	123	110	63	31	6	2	2
All races, female	98	93	86	97	110	135	160	120	125	95	47	12	3	2
White, male	104	89	75	91	98	111	110	110	101	59	27	6	2	2
White, female	79	83	76	83	101	121	144	112	114	88	44	12	2	1
Black, male	15	7	10	4	8	20	9	10	6	3	4	-	-	-
Black, female	16	10	7	12	7	12	13	8	9	4	2	-	1	1
Spina bifida (741)	5	2	2	2	3	2	3	-	2	-	-	-	-	-
All races, male	3	2	-	-	-	1	1	-	1	-	-	-	-	-
All races, female	2	-	2	2	3	1	2	-	1	-	-	-	-	-
White, male	1	2	-	-	-	1	-	-	1	-	-	-	-	-
White, female	1	-	1	1	3	1	2	-	1	-	-	-	-	-
Black, male	2	-	-	-	-	-	1	-	-	-	-	-	-	-
Black, female	1	-	1	1	-	-	-	-	-	-	-	-	-	-
All other congenital anomalies of nervous system (740,742)	13	9	5	8	13	24	43	42	53	39	22	5	-	1
All races, male	6	6	5	5	9	17	29	29	31	21	8	2	-	1
All races, female	7	3	-	3	4	7	14	13	22	18	14	3	-	-
White, male	5	6	5	4	9	15	27	27	29	21	7	2	-	1
White, female	5	2	-	3	4	7	12	12	22	17	12	3	-	-
Black, male	1	-	-	1	-	2	2	1	-	-	1	-	-	-
Black, female	2	1	-	-	-	-	2	1	-	-	2	-	-	-
Congenital anomalies of heart (745-746)	112	77	49	61	68	79	89	87	68	47	15	2	2	1
All races, male	68	35	24	30	31	35	31	35	23	12	4	1	1	-
All races, female	44	42	25	31	37	44	58	52	45	35	11	1	1	1
White, male	61	32	20	29	29	31	29	33	22	12	3	1	1	-
White, female	37	38	22	27	35	35	55	49	43	33	10	1	1	-
Black, male	6	2	2	-	2	4	2	2	-	-	1	-	-	-
Black, female	6	4	2	4	1	7	1	3	2	2	-	-	-	1

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Other congenital anomalies of circulatory system (747)	1,193	509	26	10	14	8	567	16	21	17	33	23	38	37
All races, male	633	284	13	8	5	1	311	8	11	14	22	11	27	20
All races, female	560	225	13	2	9	7	256	8	10	3	11	12	11	17
White, male	503	215	6	6	2	1	232	7	11	12	18	8	23	18
White, female	436	161	12	2	6	6	187	5	8	2	9	10	7	13
Black, male	112	59	4	2	2	–	67	–	–	2	4	3	2	2
Black, female	103	55	1	–	3	1	60	1	2	1	2	2	2	3
All other congenital anomalies (743-744,748-759)	5,448	4,033	133	49	30	14	4,259	56	34	57	69	74	60	53
All races, male	3,021	2,283	72	22	14	7	2,408	30	16	28	46	45	32	33
All races, female	2,427	1,740	61	27	16	7	1,851	26	18	29	23	29	28	20
White, male	2,424	1,806	48	19	12	4	1,889	24	11	21	36	39	30	29
White, female	1,961	1,365	43	24	12	7	1,451	22	13	27	18	21	22	17
Black, male	507	413	21	2	–	3	439	5	5	5	9	6	2	4
Black, female	392	313	13	3	4	–	333	3	5	2	5	7	6	3
XV. Certain conditions originating in the perinatal period (760-779)	17,674	17,482	95	22	14	3	17,616	25	4	5	–	4	2	2
All races, male	10,056	9,936	67	14	9	1	10,027	12	2	2	–	3	–	–
All races, female	7,618	7,546	28	8	5	2	7,589	13	2	3	–	1	2	2
White, male	6,055	5,975	41	7	6	1	6,030	10	2	2	–	2	–	–
White, female	4,451	4,403	17	3	4	2	4,429	7	2	3	–	1	2	2
Black, male	3,762	3,729	22	7	3	–	3,761	1	–	–	–	–	–	–
Black, female	2,982	2,959	10	5	1	–	2,975	6	–	–	–	–	–	–
Birth trauma (767)	214	207	1	–	–	–	208	3	–	1	–	1	–	–
All races, male	135	130	1	–	–	–	131	2	–	–	–	1	–	–
All races, female	79	77	–	–	–	–	77	1	–	1	–	–	–	–
White, male	100	95	1	–	–	–	96	2	–	–	–	1	–	–
White, female	59	57	–	–	–	–	57	1	–	1	–	–	–	–
Black, male	35	35	–	–	–	–	35	–	–	–	–	–	–	–
Black, female	17	17	–	–	–	–	17	–	–	–	–	–	–	–
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	3,657	3,612	16	3	7	1	3,639	12	1	2	–	1	1	1
All races, male	2,176	2,152	11	2	5	–	2,170	4	–	1	–	1	–	–
All races, female	1,481	1,460	5	1	2	1	1,469	8	1	1	–	–	1	1
White, male	1,387	1,366	10	1	4	–	1,381	4	–	1	–	1	–	–
White, female	952	937	4	–	2	1	944	4	1	1	–	–	1	1
Black, male	731	728	1	1	1	–	731	–	–	–	–	–	–	–
Black, female	493	487	1	1	–	–	489	4	–	–	–	–	–	–
Other conditions originating in the perinatal period (760-766,770-779)	13,803	13,663	78	19	7	2	13,769	10	3	2	–	2	1	1
All races, male	7,745	7,654	55	12	4	1	7,726	6	2	1	–	1	–	–
All races, female	6,058	6,009	23	7	3	1	6,043	4	1	1	–	1	1	1
White, male	4,568	4,514	30	6	2	1	4,553	4	2	1	–	–	–	–
White, female	3,440	3,409	13	3	2	1	3,428	2	1	1	–	1	1	1
Black, male	2,996	2,966	21	6	2	–	2,995	1	–	–	–	–	–	–
Black, female	2,472	2,455	9	4	1	–	2,469	2	–	–	–	–	–	–
XVI. Symptoms, signs, and ill-defined conditions (780-799)	24,137	6,409	157	62	32	19	6,679	50	73	239	472	736	957	1,091
All races, male	13,533	3,910	91	32	14	7	4,054	28	50	162	323	514	665	778
All races, female	10,604	2,499	66	30	18	12	2,625	22	23	77	149	222	292	313
White, male	9,951	2,620	66	20	9	1	2,716	18	30	120	221	344	456	501
White, female	8,107	1,541	37	18	11	6	1,613	17	12	54	109	141	180	174
Black, male	3,215	1,140	24	12	4	5	1,185	8	19	36	88	142	187	256
Black, female	2,290	874	23	10	7	6	920	4	11	21	35	79	97	131
Senility without mention of psychosis (797)	1,308	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, male	336	–	–	–	–	–	–	–	–	–	–	–	–	–
All races, female	972	–	–	–	–	–	–	–	–	–	–	–	–	–
White, male	285	–	–	–	–	–	–	–	–	–	–	–	–	–
White, female	865	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, male	48	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	101	–	–	–	–	–	–	–	–	–	–	–	–	–
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	22,829	6,409	157	62	32	19	6,679	50	73	239	472	736	957	1,091
All races, male	13,197	3,910	91	32	14	7	4,054	28	50	162	323	514	665	778
All races, female	9,632	2,499	66	30	18	12	2,625	22	23	77	149	222	292	313
White, male	9,666	2,620	66	20	9	1	2,716	18	30	120	221	344	456	501
White, female	7,242	1,541	37	18	11	6	1,613	17	12	54	109	141	180	174
Black, male	3,167	1,140	24	12	4	5	1,185	8	19	36	88	142	187	256
Black, female	2,189	874	23	10	7	6	920	4	11	21	35	79	97	131
Supplementary classification of external causes of injury and poisoning (E800-E999)	150,211	1,315	1,000	807	611	557	4,290	1,951	2,528	12,707	16,067	15,921	14,869	12,638
All races, male	107,999	717	572	502	376	352	2,519	1,216	1,736	9,884	13,217	12,731	11,682	9,874
All races, female	42,212	598	428	305	235	205	1,771	735	792	2,823	2,850	3,190	3,187	2,764
White, male	84,258	449	387	370	257	249	1,712	877	1,289	7,138	9,565	9,294	8,695	7,480
White, female	34,735	363	288	208	159	146	1,164	516	594	2,296	2,206	2,342	2,372	2,138
Black, male	20,835	241	159	111	99	80	690	279	387	2,387	3,216	3,067	2,684	2,124
Black, female	6,333	218	121	89	63	54	545	189	167	415	537	739	702	537
Accidents and adverse effects (E800-E949)	91,983	930	815	703	538	510	3,496	1,771	1,879	7,561	8,680	8,264	7,686	6,580
All races, male	61,938	509	475	446	331	322	2,083	1,129	1,289	5,558	6,912	6,452	6,027	5,122
All races, female	30,045	421	340	257	207	188	1,413	642	590	2,003	1,768	1,812	1,659	1,458
White, male	51,348	333	343	342	230	231	1,479	828	990	4,721	5,855	5,360	4,892	4,100
White, female	25,586	276	248	186	144	137	991	462	467	1,749	1,502	1,468	1,317	1,177
Black, male	8,756	157	113	86	82	70	508	245	251	627	828	877	961	859
Black, female	3,663	132	76	65	53	46	372	152	97	178	195	275	281	232
Transport accidents (E800-E848)	49,606	198	251	245	222	231	1,147	1,012	1,164	6,087	6,963	5,945	4,904	3,922
All races, male	34,804	101	128	141	125	137	632	628	724	4,305	5,433	4,553	3,744	2,926
All races, female	14,802	97	123	104	97	94	515	384	440	1,782	1,530	1,392	1,160	996
White, male	29,376	78	92	105	86	95	456	469	589	3,751	4,657	3,820	3,102	2,413
White, female	12,720	72	84	79	74	71	380	302	368	1,585	1,327	1,165	968	825
Black, male	4,280	18	29	27	30	31	135	125	110	405	596	565	521	422
Black, female	1,542	22	31	21	16	21	111	65	52	132	139	175	150	129

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Other congenital anomalies of circulatory system (747)	41	33	45	36	50	59	56	48	38	20	13	2	-	-
All races, male	18	20	22	17	28	30	23	22	15	7	7	-	-	-
All races, female	23	13	23	19	22	29	33	26	23	13	6	2	-	-
White, male	15	19	16	16	22	23	21	19	12	5	6	-	-	-
White, female	18	11	18	14	17	27	26	23	21	12	6	2	-	-
Black, male	3	1	6	1	4	6	2	3	3	2	1	-	-	-
Black, female	3	2	3	4	5	2	7	3	1	-	-	-	-	-
All other congenital anomalies (743-744,748-759)	47	69	73	87	84	103	89	66	74	52	28	9	3	2
All races, male	25	34	37	45	40	49	36	37	40	23	12	3	1	1
All races, female	22	35	36	42	44	54	53	29	34	29	16	6	2	1
White, male	22	30	34	42	38	41	33	31	37	21	11	3	1	1
White, female	18	32	35	38	42	51	49	28	27	26	16	6	1	1
Black, male	3	4	2	2	2	8	2	4	3	1	1	-	-	-
Black, female	4	3	1	3	1	3	3	1	6	2	-	-	1	-
XV. Certain conditions originating in the perinatal period (760-779)	-	1	1	-	1	-	1	-	1	-	4	-	-	7
All races, male	-	1	1	-	-	-	-	-	1	-	2	-	-	5
All races, female	-	-	-	-	1	-	1	-	-	-	2	-	-	2
White, male	-	1	1	-	-	-	-	-	1	-	2	-	-	4
White, female	-	-	-	-	1	-	1	-	-	-	1	-	-	2
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Birth trauma (767)	-	1	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	1	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	1	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other conditions originating in the perinatal period (760-766,770-779)	-	-	1	-	1	-	1	-	1	-	4	-	-	7
All races, male	-	-	1	-	-	-	-	-	1	-	2	-	-	5
All races, female	-	-	-	-	1	-	1	-	-	-	2	-	-	2
White, male	-	-	1	-	-	-	-	-	1	-	2	-	-	4
White, female	-	-	-	-	1	-	1	-	-	-	1	-	-	2
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	1	-	-	-
XVI. Symptoms, signs, and ill-defined conditions (780-799)	924	693	659	726	975	1,196	1,383	1,568	1,830	1,562	1,266	693	280	85
All races, male	664	463	432	491	631	746	769	817	804	554	335	142	49	62
All races, female	260	230	227	235	344	450	614	751	1,026	1,008	931	551	231	23
White, male	431	306	301	354	501	610	662	692	694	486	293	130	42	43
White, female	194	171	162	175	284	363	511	624	876	895	848	495	193	16
Black, male	214	145	120	129	117	129	94	111	101	61	38	12	6	17
Black, female	59	57	59	54	51	82	92	120	141	105	77	55	35	5
Senility without mention of psychosis (797)	-	-	1	1	3	11	46	69	187	248	345	252	145	-
All races, male	-	-	-	1	2	5	22	25	62	69	81	39	30	-
All races, female	-	-	1	-	1	6	24	44	125	179	264	213	115	-
White, male	-	-	-	-	2	3	15	21	48	61	74	35	26	-
White, female	-	-	1	-	1	5	18	34	96	167	247	197	99	-
Black, male	-	-	-	1	-	2	7	4	13	8	6	4	3	-
Black, female	-	-	-	-	-	1	6	10	28	10	14	16	16	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	924	693	658	725	972	1,185	1,337	1,499	1,643	1,314	921	441	135	85
All races, male	664	463	432	490	629	741	747	792	742	485	254	103	19	62
All races, female	260	230	226	235	343	444	590	707	901	829	667	338	116	23
White, male	431	306	301	354	499	607	647	671	646	425	219	95	16	43
White, female	194	171	161	175	283	358	493	590	780	728	601	298	94	16
Black, male	214	145	120	128	117	127	87	107	88	53	32	8	3	17
Black, female	59	57	59	54	51	81	86	110	113	95	63	39	19	5
Supplementary classification of external causes of injury and poisoning (E800-E999)	9,791	7,292	5,956	5,677	6,170	6,276	6,168	6,818	6,231	4,749	2,711	978	183	240
All races, male	7,517	5,451	4,387	4,055	4,385	4,226	3,970	4,041	3,341	2,199	1,032	296	43	197
All races, female	2,274	1,841	1,569	1,622	1,785	2,050	2,198	2,777	2,890	2,550	1,679	682	140	43
White, male	5,873	4,378	3,562	3,406	3,696	3,647	3,529	3,629	3,067	2,009	952	273	35	152
White, female	1,840	1,519	1,330	1,361	1,531	1,762	1,944	2,509	2,605	2,364	1,547	634	127	34
Black, male	1,438	949	715	556	607	492	388	357	217	154	61	17	7	43
Black, female	363	261	185	206	209	242	209	230	250	167	115	43	13	9
Accidents and adverse effects (E800-E949)	5,133	3,941	3,434	3,345	3,887	4,152	4,253	5,057	4,984	4,133	2,506	950	178	113
All races, male	3,890	2,875	2,475	2,329	2,625	2,605	2,506	2,637	2,380	1,748	876	279	40	101
All races, female	1,243	1,066	959	1,016	1,262	1,547	1,747	2,420	2,604	2,385	1,630	671	138	12
White, male	3,103	2,310	1,993	1,927	2,169	2,186	2,192	2,316	2,155	1,587	805	257	34	89
White, female	996	862	797	838	1,057	1,321	1,536	2,188	2,358	2,230	1,509	628	125	8
Black, male	660	486	407	341	406	356	275	277	173	131	54	17	5	12
Black, female	199	160	126	145	170	187	176	199	216	139	107	40	13	4
Transport accidents (E800-E848)	2,994	2,348	1,965	1,775	1,859	1,835	1,696	1,715	1,264	698	216	40	5	52
All races, male	2,166	1,674	1,366	1,194	1,205	1,093	971	907	681	407	125	21	-	49
All races, female	828	674	599	581	654	742	725	808	583	291	91	19	5	3
White, male	1,784	1,390	1,123	1,014	1,023	939	868	820	609	370	116	20	-	43
White, female	693	559	514	481	571	644	659	749	540	283	83	17	5	2
Black, male	297	230	196	143	158	128	88	71	52	28	4	-	-	6
Black, female	98	81	58	73	65	72	51	44	32	5	7	2	-	1

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Transport accidents-Con.														
Railway accidents (E800-E807)	663	-	1	2	2	1	6	7	19	62	99	105	75	68
All races, male	585	-	1	2	1	1	5	6	16	50	92	98	71	59
All races, female	78	-	-	-	1	-	1	1	3	12	7	7	4	9
White, male	452	-	1	2	1	1	5	4	13	40	82	81	51	32
White, female	54	-	-	-	-	-	-	-	2	11	5	5	4	4
Black, male	116	-	-	-	-	-	-	1	3	6	10	15	18	21
Black, female	21	-	-	-	1	-	1	1	1	1	1	1	-	5
Motor vehicle accidents (E810-E825)	46,814	195	249	241	216	222	1,123	970	1,089	5,918	6,689	5,606	4,564	3,608
All races, male	32,406	100	127	139	122	135	623	595	665	4,172	5,189	4,254	3,442	2,651
All races, female	14,408	95	122	102	94	87	500	375	424	1,746	1,500	1,352	1,122	957
White, male	27,288	77	91	103	84	93	448	441	539	3,637	4,445	3,558	2,846	2,185
White, female	12,363	71	83	77	72	65	368	295	354	1,550	1,300	1,128	931	794
Black, male	4,046	18	29	27	30	31	135	122	105	393	570	536	488	387
Black, female	1,514	22	31	21	15	21	110	64	50	131	137	174	149	123
Motor vehicle traffic accidents (E810-E819)	45,827	190	184	199	197	203	973	932	1,043	5,846	6,590	5,512	4,502	3,548
All races, male	31,647	97	87	117	109	117	527	568	628	4,115	5,103	4,166	3,388	2,605
All races, female	14,180	93	97	82	88	86	446	364	415	1,731	1,487	1,346	1,114	943
White, male	26,609	75	59	85	76	79	374	416	503	3,584	4,365	3,478	2,799	2,142
White, female	12,161	70	64	61	67	64	326	288	346	1,536	1,288	1,122	926	781
Black, male	3,989	17	24	24	25	29	119	120	104	391	568	529	482	385
Black, female	1,493	21	28	18	14	21	102	62	49	130	136	174	147	122
Involving collision with train (E810)	623	3	3	5	1	7	19	17	18	93	83	65	57	48
All races, male	420	2	1	3	1	2	9	5	8	65	64	45	36	36
All races, female	203	1	2	2	-	5	10	12	10	28	19	20	21	12
White, male	374	1	1	2	1	1	6	3	6	57	59	41	31	34
White, female	181	1	1	2	-	5	9	10	9	26	18	18	18	10
Black, male	35	-	-	1	-	-	1	-	2	4	5	3	5	2
Black, female	18	-	1	-	-	-	1	2	1	2	1	1	3	2
Involving collision with another motor vehicle (E811-E812)	17,297	88	62	68	51	59	328	251	288	1,975	2,278	1,970	1,544	1,243
All races, male	10,875	46	26	38	22	31	163	124	144	1,328	1,650	1,399	1,073	822
All races, female	6,422	42	36	30	29	28	165	127	144	647	628	571	471	421
White, male	9,428	39	20	27	17	28	131	102	126	1,156	1,413	1,198	909	702
White, female	5,705	34	23	25	24	23	129	111	115	597	555	491	404	363
Black, male	1,140	5	5	11	4	3	28	17	14	140	184	149	135	96
Black, female	536	7	12	5	4	5	33	13	20	39	50	60	49	44
Involving collision with pedestrian (E814)	6,800	15	68	79	85	78	325	386	241	333	478	573	584	538
All races, male	4,705	7	38	51	56	52	204	266	163	239	380	442	447	407
All races, female	2,095	8	30	28	29	26	121	120	78	94	98	131	137	131
White, male	3,528	3	25	37	37	26	128	185	119	186	304	322	319	282
White, female	1,636	4	22	19	19	16	80	79	65	76	77	89	96	90
Black, male	973	4	12	10	16	20	62	66	38	39	64	100	107	109
Black, female	349	4	5	7	6	9	31	36	11	13	16	32	35	33
Involving collision with other vehicle or object (E813,E815)	7,370	20	14	9	21	13	77	138	221	1,311	1,309	1,069	805	589
All races, male	5,728	9	6	4	9	9	37	95	169	1,011	1,080	853	669	468
All races, female	1,642	11	8	5	12	4	40	43	52	300	229	216	136	121
White, male	4,851	7	3	4	7	8	29	66	135	890	927	722	574	386
White, female	1,386	4	3	2	9	3	21	34	46	265	200	183	113	104
Black, male	717	2	2	-	2	-	6	25	30	87	123	108	83	70
Black, female	193	7	4	3	2	1	17	6	6	25	17	28	19	12
Not involving collision on highway (E816-E818)	8,592	43	24	29	20	30	146	86	191	1,397	1,605	1,218	1,003	758
All races, male	6,382	22	11	16	12	16	77	47	99	970	1,271	961	769	599
All races, female	2,210	21	13	13	8	14	69	39	92	427	334	257	214	159
White, male	5,473	18	7	12	9	10	56	39	78	856	1,109	808	657	516
White, female	1,888	18	8	9	5	9	49	30	79	366	290	221	185	134
Black, male	658	3	3	2	-	5	13	5	15	70	109	109	99	65
Black, female	204	2	5	3	2	5	17	4	8	33	26	27	20	12
Motor vehicle traffic accident of unspecified nature (E819)	5,145	21	13	9	19	16	78	54	84	737	837	617	509	372
All races, male	3,537	11	5	5	9	7	37	31	45	502	658	466	374	273
All races, female	1,608	10	8	4	10	9	41	23	39	235	179	151	135	99
White, male	2,955	7	3	3	5	6	24	21	39	439	553	387	309	222
White, female	1,365	9	7	4	10	8	38	22	32	206	148	120	110	80
Black, male	466	3	2	-	3	1	9	7	5	51	83	60	53	43
Black, female	193	1	1	-	-	1	3	1	3	18	26	26	21	19
Motor vehicle nontraffic accidents (E820-E825)	987	5	65	42	19	19	150	38	46	72	99	94	62	60
All races, male	759	3	40	22	13	18	96	27	37	57	86	88	54	46
All races, female	228	2	25	20	6	1	54	11	9	15	13	6	8	14
White, male	679	2	32	18	8	14	74	25	36	53	80	80	47	43
White, female	202	1	19	16	5	1	42	9	8	14	12	6	5	13
Black, male	57	1	5	3	5	2	16	2	1	2	2	7	6	2
Black, female	21	1	3	3	1	-	8	2	1	1	1	-	2	1
Other road vehicle accidents (E826-E829)	220	-	-	1	2	2	5	15	16	15	10	21	18	23
All races, male	140	-	-	-	1	-	1	9	10	8	8	10	11	12
All races, female	80	-	-	1	1	2	4	6	6	7	2	11	7	11
White, male	118	-	-	-	1	-	1	6	8	5	8	8	10	10
White, female	78	-	-	1	1	2	4	6	6	7	2	11	7	10
Black, male	16	-	-	-	-	-	-	2	1	3	-	2	1	2
Black, female	2	-	-	-	-	-	-	-	-	-	-	-	-	1
Water transport accidents (E830-E838)	923	-	1	1	-	5	7	13	26	57	105	120	132	99
All races, male	824	-	-	-	-	1	1	12	20	48	92	107	117	94
All races, female	99	-	1	1	-	4	6	1	6	9	13	13	15	5
White, male	699	-	-	-	-	1	1	12	19	42	74	94	98	80
White, female	94	-	1	1	-	4	6	1	5	9	12	13	14	4
Black, male	88	-	-	-	-	-	-	-	-	3	13	8	10	12
Black, female	4	-	-	-	-	-	-	-	1	-	1	-	1	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Transport accidents-Con.														
Railway accidents (E800-E807)	71	35	33	19	18	10	14	9	5	1	1	-	-	6
All races, male	65	28	29	17	17	7	9	5	4	-	1	-	-	6
All races, female	6	7	4	2	1	3	5	4	1	1	-	-	-	-
White, male	44	24	24	15	13	5	8	3	2	-	1	-	-	5
White, female	2	5	2	2	1	3	3	3	1	1	-	-	-	-
Black, male	19	4	5	2	4	2	1	2	2	-	-	-	-	1
Black, female	4	1	2	-	-	-	2	1	-	-	-	-	-	-
Motor vehicle accidents (E810-E825)	2,710	2,135	1,782	1,640	1,725	1,730	1,620	1,666	1,251	687	213	39	4	45
All races, male	1,917	1,487	1,202	1,075	1,088	1,007	910	871	673	400	123	20	-	42
All races, female	793	648	580	565	637	723	710	795	578	287	90	19	4	3
White, male	1,570	1,220	976	903	916	864	811	792	603	383	114	19	-	38
White, female	664	535	497	465	554	625	646	737	536	279	82	17	4	2
Black, male	271	218	183	135	150	120	84	63	50	28	4	-	-	4
Black, female	92	80	56	73	65	72	49	43	31	5	7	2	-	1
Motor vehicle traffic accidents (E810-E819)	2,650	2,100	1,743	1,605	1,694	1,695	1,582	1,631	1,227	663	204	38	4	45
All races, male	1,863	1,457	1,172	1,045	1,065	977	883	856	662	386	119	20	-	42
All races, female	787	643	571	560	629	718	699	775	565	277	85	18	4	3
White, male	1,526	1,194	949	877	894	834	784	779	594	350	110	19	-	38
White, female	659	531	488	461	546	620	636	718	523	269	77	16	4	2
Black, male	263	214	181	131	150	120	84	63	50	27	4	-	-	4
Black, female	91	79	56	72	65	72	48	42	31	5	7	2	-	1
Involving collision with train (E810)	30	35	20	23	25	32	18	16	15	7	2	-	-	-
All races, male	19	21	13	18	20	24	14	9	10	2	2	-	-	-
All races, female	11	14	7	5	5	8	4	7	5	5	-	-	-	-
White, male	18	18	10	15	20	19	14	9	10	2	2	-	-	-
White, female	10	11	7	3	4	8	4	6	5	5	-	-	-	-
Black, male	1	2	3	2	-	5	-	-	-	-	-	-	-	-
Black, female	-	3	-	-	1	-	-	1	-	-	-	-	-	-
Involving collision with another motor vehicle (E811-E812)	1,018	873	772	692	754	806	735	805	555	292	95	13	2	8
All races, male	641	527	447	403	414	416	371	410	304	171	56	4	-	8
All races, female	377	346	325	289	340	390	364	395	251	121	39	9	2	-
White, male	536	453	375	357	374	368	338	383	281	161	54	4	-	7
White, female	326	296	291	250	303	354	344	370	240	119	37	8	2	-
Black, male	77	59	56	30	34	40	30	22	17	9	2	-	-	1
Black, female	36	31	24	27	26	31	17	22	9	2	2	1	-	-
Involving collision with pedestrian (E814)	412	329	307	306	334	322	337	376	323	188	63	14	1	30
All races, male	304	251	229	214	233	195	191	195	160	113	34	10	-	28
All races, female	108	78	78	92	101	127	146	181	163	75	29	4	1	2
White, male	216	183	168	163	175	157	156	169	136	96	29	9	-	26
White, female	78	59	62	69	84	102	124	162	145	69	25	3	1	1
Black, male	73	58	51	44	51	34	29	18	16	11	1	-	-	2
Black, female	24	16	7	18	15	15	14	12	12	3	4	1	-	1
Involving collision with other vehicle or object (E813,E815)	374	289	197	180	182	189	161	130	96	39	9	3	-	2
All races, male	295	230	158	135	129	130	105	68	58	28	6	2	-	2
All races, female	79	59	39	45	53	59	56	62	38	11	3	1	-	-
White, male	248	191	122	111	100	114	94	61	47	24	6	2	-	2
White, female	66	47	28	34	44	48	49	57	32	11	3	1	-	-
Black, male	38	35	31	20	24	10	9	7	8	3	-	-	-	-
Black, female	8	9	8	7	7	10	6	3	5	-	-	-	-	-
Not involving collision on highway (E816-E818)	541	357	267	225	213	165	147	113	96	41	15	3	-	5
All races, male	400	278	203	166	156	114	95	70	49	24	9	1	-	4
All races, female	141	79	64	59	57	51	52	43	47	17	6	2	-	1
White, male	341	230	183	140	136	92	86	66	45	23	8	1	-	3
White, female	121	66	53	51	50	38	47	40	43	17	5	2	-	1
Black, male	44	39	16	19	19	20	6	4	4	1	-	-	-	1
Black, female	13	10	9	5	5	9	3	1	2	-	-	-	-	-
Motor vehicle traffic accident of unspecified nature (E819)	275	217	180	179	186	181	184	191	142	96	20	5	1	-
All races, male	204	150	122	109	113	98	107	104	81	48	12	3	-	-
All races, female	71	67	58	70	73	83	77	87	61	48	8	2	1	-
White, male	167	119	91	91	89	84	96	91	75	44	11	3	-	-
White, female	58	52	47	54	61	70	68	83	58	48	7	2	1	-
Black, male	30	21	24	18	22	11	10	12	5	3	1	-	-	-
Black, female	10	10	8	15	11	7	8	3	3	-	1	-	-	-
Motor vehicle nontraffic accidents (E820-E825)	60	35	39	35	31	35	38	35	24	24	9	1	-	-
All races, male	54	30	30	30	23	30	27	15	11	14	4	-	-	-
All races, female	6	5	9	5	8	5	11	20	13	10	5	1	-	-
White, male	44	26	27	26	22	30	27	13	9	13	4	-	-	-
White, female	5	4	9	4	8	5	10	19	13	10	5	1	-	-
Black, male	8	4	2	4	-	-	-	-	-	1	-	-	-	-
Black, female	1	1	-	1	-	-	1	1	-	-	-	-	-	-
Other road vehicle accidents (E826-E829)	23	14	13	4	7	14	9	10	1	1	1	-	-	-
All races, male	15	9	11	4	5	11	7	8	-	1	-	-	-	-
All races, female	8	5	2	-	2	3	2	2	1	-	1	-	-	-
White, male	13	9	7	4	4	10	7	7	-	1	-	-	-	-
White, female	8	5	2	-	2	3	2	2	-	-	1	-	-	-
Black, male	-	-	2	-	1	1	-	1	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Water transport accidents (E830-E838)	77	59	54	42	34	38	31	22	3	2	-	1	-	1
All races, male	73	55	50	39	28	34	27	20	3	2	-	1	-	1
All races, female	4	4	4	3	6	4	4	2	-	-	-	-	-	-
White, male	63	44	43	34	23	27	24	15	3	2	-	1	-	-
White, female	3	4	4	3	6	4	4	2	-	-	-	-	-	-
Black, male	7	8	6	5	3	4	3	5	-	-	-	-	-	1
Black, female	1	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix].

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Transport accidents-Con.														
Air and space transport accidents (E840-E845)	941	3	-	-	2	1	6	6	11	28	58	87	112	123
All races, male	812	1	-	-	1	-	2	5	10	20	50	78	100	109
All races, female	129	2	-	-	1	1	4	1	1	8	8	9	12	14
White, male	785	1	-	-	-	-	1	5	8	20	46	74	94	105
White, female	123	1	-	-	1	-	2	-	1	8	8	8	12	13
Black, male	11	-	-	-	-	-	-	-	-	-	3	3	4	-
Black, female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Vehicle accidents not elsewhere classifiable (E846-E848)	45	-	-	-	-	-	-	1	3	7	2	6	3	1
All races, male	37	-	-	-	-	-	-	1	3	7	2	6	3	1
All races, female	8	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	34	-	-	-	-	-	-	1	2	7	2	5	3	1
White, female	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	3	-	-	-	-	-	-	-	1	-	-	1	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning (E850-E869)	5,803	15	31	8	11	4	69	12	32	191	328	692	1,033	1,061
All races, male	4,199	7	19	5	5	3	39	6	23	144	259	507	813	851
All races, female	1,604	8	12	3	6	1	30	6	9	47	69	185	220	210
White, male	3,304	6	10	4	4	2	26	4	19	120	213	417	646	655
White, female	1,238	7	7	1	3	-	18	5	7	34	44	132	146	160
Black, male	821	1	7	1	-	1	10	2	2	21	41	83	155	180
Black, female	335	1	5	2	3	1	12	1	1	10	23	48	66	49
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	4,506	10	19	2	5	2	38	6	7	73	244	603	888	901
All races, male	3,161	4	9	1	1	1	16	2	3	43	186	434	694	723
All races, female	1,345	6	10	1	4	1	22	4	4	30	58	169	194	178
White, male	2,437	3	8	-	1	-	12	1	2	25	149	352	548	545
White, female	1,040	5	5	1	3	-	14	3	3	21	37	119	129	133
Black, male	675	1	1	1	-	1	4	1	-	16	33	75	137	166
Black, female	284	1	5	-	1	1	8	1	1	7	19	47	60	44
Accidental poisoning by other solid or liquid substances (E860-E866)	549	1	7	3	-	-	11	1	10	43	28	30	79	76
All races, male	427	1	6	3	-	-	10	1	6	35	22	24	65	57
All races, female	122	-	1	-	-	-	1	-	4	8	6	6	14	19
White, male	339	1	1	3	-	-	5	1	5	34	19	22	51	45
White, female	91	-	1	-	-	-	1	-	3	6	3	4	10	16
Black, male	73	-	4	-	-	-	4	-	1	-	2	2	11	9
Black, female	26	-	-	-	-	-	-	-	-	2	3	-	3	3
Accidental poisoning by gases and vapors (E867-E869)	748	4	5	3	6	2	20	5	15	75	56	59	66	84
All races, male	611	2	4	1	4	2	13	3	14	66	51	49	54	71
All races, female	137	2	1	2	2	-	7	2	1	9	5	10	12	13
White, male	528	2	1	1	3	2	9	2	12	61	45	43	47	65
White, female	107	2	1	-	-	-	3	2	1	7	4	9	7	11
Black, male	73	-	2	-	-	-	2	1	1	5	6	6	7	5
Black, female	25	-	-	2	2	-	4	-	-	1	1	1	3	2
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	2,669	23	9	9	4	5	50	21	13	11	14	20	35	48
All races, male	1,252	12	4	6	3	3	28	11	5	6	6	9	18	30
All races, female	1,417	11	5	3	1	2	22	10	8	5	8	11	17	18
White, male	1,054	9	2	4	2	2	19	10	4	3	6	7	10	23
White, female	1,191	7	3	2	-	2	14	9	6	4	6	8	11	9
Black, male	176	2	2	1	1	1	7	1	1	2	-	2	7	5
Black, female	213	4	2	1	1	-	8	1	2	1	2	3	6	9
Accidental falls (E880-E888)	12,313	25	34	25	18	8	110	18	24	123	169	236	304	263
All races, male	6,311	17	23	13	14	5	72	13	17	105	156	212	254	220
All races, female	6,002	8	11	12	4	3	38	5	7	18	13	24	50	43
White, male	5,565	15	14	10	7	3	49	11	15	102	138	174	198	168
White, female	5,566	4	9	10	4	2	29	1	5	15	11	16	34	35
Black, male	629	1	9	3	6	1	20	2	2	2	15	34	51	45
Black, female	376	4	2	2	-	1	9	4	2	3	2	7	13	8
Fall from one level to another (E880-E884)	3,194	17	26	19	14	7	83	13	16	95	133	158	197	148
All races, male	2,273	11	18	10	11	4	54	8	12	81	123	145	169	138
All races, female	921	6	8	9	3	3	29	5	4	14	10	13	28	10
White, male	1,973	9	9	7	6	2	33	7	10	79	108	123	139	112
White, female	835	3	6	7	3	2	21	1	3	11	8	11	19	9
Black, male	254	1	9	3	4	1	18	1	2	1	12	18	27	21
Black, female	73	3	2	2	-	1	8	4	1	3	2	2	7	1
Fall on same level (E885-E886)	499	-	-	-	-	1	1	-	1	8	5	3	5	3
All races, male	243	-	-	-	-	1	1	-	-	6	4	3	4	3
All races, female	256	-	-	-	-	-	-	-	1	2	1	-	1	-
White, male	229	-	-	-	-	1	1	-	-	6	4	3	3	3
White, female	247	-	-	-	-	-	-	-	1	2	1	-	1	-
Black, male	8	-	-	-	-	-	-	-	-	-	-	-	1	-
Black, female	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	8,620	8	8	6	4	-	26	5	7	20	31	75	102	112
All races, male	3,795	6	5	3	3	-	17	5	5	18	29	64	81	79
All races, female	4,825	2	3	3	1	-	9	-	2	2	2	11	21	33
White, male	3,363	6	5	3	1	-	15	4	5	17	26	48	56	53
White, female	4,484	1	3	3	1	-	8	-	1	2	2	5	14	26
Black, male	367	-	-	-	2	-	2	1	-	1	3	16	23	24
Black, female	295	1	-	-	-	-	1	-	1	-	-	5	6	7
Accidents caused by fire and flames (E890-E899)	4,175	111	139	157	143	106	656	225	91	113	181	212	258	231
All races, male	2,571	59	81	92	91	72	395	122	51	65	135	155	182	172
All races, female	1,604	52	58	65	52	34	261	103	40	48	46	57	76	59
White, male	1,765	34	45	54	56	49	238	76	35	46	113	111	129	113
White, female	1,083	30	37	29	24	21	141	51	25	33	35	42	53	40
Black, male	755	24	33	35	31	22	145	42	16	18	21	38	51	53
Black, female	499	20	20	35	28	13	116	52	13	13	10	15	21	19

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Transport accidents-Con.														
Air and space transport accidents (E840-E845)	111	100	83	69	74	43	22	5	2	1	–	–	–	–
All races, male	94	90	74	58	66	34	18	2	1	1	–	–	–	–
All races, female	17	10	9	11	8	9	4	3	1	–	–	–	–	–
White, male	92	88	73	58	66	33	18	2	1	1	–	–	–	–
White, female	16	10	9	11	8	9	4	3	1	–	–	–	–	–
Black, male	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Black, female	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Vehicle accidents not elsewhere classifiable (E846-E848)	2	5	–	1	1	–	–	3	2	6	1	–	1	–
All races, male	2	5	–	1	1	–	–	1	–	3	1	–	–	–
All races, female	–	–	–	–	–	–	–	2	2	3	–	–	1	–
White, male	2	5	–	–	1	–	–	1	–	3	1	–	–	–
White, female	–	–	–	–	–	–	–	2	2	3	–	–	1	–
Black, male	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Accidental poisoning (E850-E869)	696	323	227	197	194	153	153	126	121	114	57	14	3	7
All races, male	553	222	150	120	122	96	98	70	53	46	18	2	2	5
All races, female	143	101	77	77	72	57	55	56	68	68	39	12	1	2
White, male	409	163	110	89	97	77	85	60	50	38	18	2	1	5
White, female	100	78	66	66	60	50	47	52	59	65	36	10	1	2
Black, male	137	57	35	30	22	16	10	9	3	7	–	–	1	–
Black, female	42	21	9	10	10	7	8	2	8	3	3	2	–	–
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	555	243	150	143	111	99	111	82	91	91	48	13	2	7
All races, male	430	162	88	76	58	55	71	38	33	29	13	1	1	5
All races, female	125	81	62	67	53	44	40	44	58	62	35	12	1	2
White, male	315	114	60	55	44	47	61	32	32	23	13	1	1	5
White, female	85	63	55	60	46	39	37	41	51	59	32	10	1	2
Black, male	111	47	26	20	13	6	8	6	1	5	–	–	–	–
Black, female	40	16	6	6	5	5	3	2	6	3	3	2	–	–
Accidental poisoning by other solid or liquid substances (E860-E866)	72	38	37	19	40	29	9	12	7	3	3	1	1	–
All races, male	62	25	31	15	28	21	6	11	4	1	1	1	1	–
All races, female	10	13	6	4	12	8	3	1	3	2	2	–	–	–
White, male	44	21	24	13	21	13	4	10	4	1	1	1	–	–
White, female	9	9	3	1	8	7	3	1	3	2	2	–	–	–
Black, male	18	4	5	2	6	7	1	–	–	–	–	–	1	–
Black, female	–	4	3	3	4	1	–	–	–	–	–	–	–	–
Accidental poisoning by gases and vapors (E867-E869)	69	42	40	35	43	25	33	32	23	20	6	–	–	–
All races, male	61	35	31	29	36	20	21	21	16	16	4	–	–	–
All races, female	8	7	9	6	7	5	12	11	7	4	2	–	–	–
White, male	50	28	26	21	32	17	20	18	14	14	4	–	–	–
White, female	6	6	8	5	6	4	7	10	5	4	2	–	–	–
Black, male	8	6	4	8	3	3	1	3	2	2	–	–	–	–
Black, female	2	1	–	1	1	1	5	–	2	–	–	–	–	–
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	59	74	74	132	188	306	327	414	393	272	152	54	11	–
All races, male	28	41	29	70	101	184	172	190	158	106	43	15	2	–
All races, female	31	33	45	62	88	122	155	224	235	166	109	39	9	–
White, male	20	35	23	61	80	147	152	167	140	92	38	15	2	–
White, female	22	23	35	47	66	101	137	197	211	145	97	36	7	–
Black, male	7	6	5	8	19	34	19	21	16	11	5	–	–	–
Black, female	9	9	9	15	18	20	17	26	23	19	11	3	2	–
Accidental falls (E880-E888)	291	285	294	345	541	697	923	1,466	1,897	2,062	1,523	621	117	4
All races, male	253	226	237	237	378	441	534	673	838	756	488	169	28	4
All races, female	38	59	57	108	163	256	389	793	1,059	1,306	1,035	452	89	–
White, male	194	176	181	190	320	393	484	623	783	722	458	159	25	2
White, female	31	44	42	95	139	226	350	745	989	1,248	993	434	84	–
Black, male	53	48	50	41	55	41	42	39	35	21	21	8	2	2
Black, female	6	13	13	13	22	24	29	40	61	50	36	16	5	–
Fall from one level to another (E880-E884)	153	128	135	161	212	240	236	306	302	256	151	58	11	2
All races, male	140	113	112	122	165	174	167	187	154	117	62	23	5	2
All races, female	13	15	23	39	47	66	69	119	148	139	89	35	6	–
White, male	119	93	87	102	147	150	154	171	144	110	57	21	5	2
White, female	10	13	18	35	42	61	64	112	140	132	86	34	5	–
Black, male	17	19	22	17	18	19	12	14	7	3	5	1	–	–
Black, female	2	1	5	4	3	5	3	4	7	7	3	–	1	–
Fall on same level (E885-E886)	5	5	4	4	25	30	42	83	103	92	54	24	2	–
All races, male	4	4	2	3	17	21	23	34	50	39	19	6	–	–
All races, female	1	1	2	1	8	9	19	49	53	53	35	18	2	–
White, male	4	3	2	2	16	18	20	33	49	38	18	6	–	–
White, female	1	1	2	1	7	7	19	47	51	53	34	17	2	–
Black, male	–	1	–	–	1	2	3	–	–	–	–	–	–	–
Black, female	–	–	–	–	1	2	–	1	2	–	1	1	–	–
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	133	152	155	180	304	427	645	1,077	1,492	1,714	1,318	539	104	2
All races, male	109	109	123	112	196	246	344	452	634	600	407	140	23	2
All races, female	24	43	32	68	108	181	301	625	858	1,114	911	399	81	–
White, male	71	80	92	86	157	225	310	419	590	574	383	132	20	–
White, female	20	30	22	59	90	158	267	586	798	1,063	873	383	77	–
Black, male	36	28	28	24	36	20	27	25	28	18	16	7	2	2
Black, female	4	12	8	9	18	17	26	35	52	43	32	15	4	–
Accidents caused by fire and flames (E890-E899)	192	171	172	162	218	256	252	257	249	168	73	20	6	12
All races, male	130	111	113	115	159	150	138	140	121	76	28	5	2	6
All races, female	62	60	59	47	59	106	114	117	128	92	45	15	4	6
White, male	83	83	76	76	121	105	99	83	95	54	20	3	1	5
White, female	45	42	45	35	39	84	83	80	97	67	28	11	3	4
Black, male	42	26	35	38	36	43	39	55	25	21	8	1	1	1
Black, female	17	13	14	12	20	22	31	34	30	24	16	4	1	2

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 55 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Accidents and adverse effects-Con.														
Other accidents, including late effects (E900-E929)	17,251	557	351	258	139	156	1,461	482	554	1,033	1,021	1,152	1,141	1,047
All races, male	12,721	312	220	189	92	102	915	348	468	932	921	1,011	1,013	919
All races, female	4,530	245	131	69	47	54	546	134	86	101	100	141	128	128
White, male	10,225	190	180	165	74	80	689	257	328	699	727	827	804	725
White, female	3,716	156	108	64	39	41	408	94	56	76	78	104	97	104
Black, male	2,076	111	33	19	14	14	191	73	119	178	154	154	176	153
Black, female	685	81	16	4	5	10	116	29	27	19	18	27	25	18
Lightning (E907)	89	-	-	-	-	-	-	-	7	8	11	12	17	13
All races, male	81	-	-	-	-	-	-	-	6	7	10	10	15	13
All races, female	8	-	-	-	-	-	-	-	1	1	1	2	2	-
White, male	70	-	-	-	-	-	-	-	5	4	10	9	13	11
White, female	5	-	-	-	-	-	-	-	1	-	1	1	1	-
Black, male	11	-	-	-	-	-	-	-	1	3	-	1	2	2
Black, female	3	-	-	-	-	-	-	-	-	1	-	1	1	-
Accidental drowning and submersion (E910)	3,979	76	207	176	87	90	636	238	242	435	360	349	329	279
All races, male	3,203	44	129	134	55	58	420	166	193	400	330	314	289	248
All races, female	776	32	78	42	32	32	216	72	49	35	30	35	40	31
White, male	2,390	28	106	119	45	45	343	111	106	285	238	231	207	183
White, female	616	21	73	40	27	25	186	46	26	26	25	25	32	29
Black, male	655	15	19	12	7	9	62	44	72	84	76	71	70	45
Black, female	122	10	2	1	3	4	20	21	22	7	4	5	6	1
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3,303	165	56	22	13	5	261	24	16	28	34	49	61	78
All races, male	1,651	92	34	17	8	3	154	17	10	17	26	38	46	50
All races, female	1,652	73	22	5	5	2	107	7	6	11	8	11	15	28
White, male	1,345	57	26	12	4	2	101	12	7	12	20	30	36	36
White, female	1,396	50	12	5	3	1	71	7	4	8	8	7	5	22
Black, male	269	30	7	4	4	1	46	5	3	5	4	7	10	9
Black, female	233	20	9	-	2	1	32	-	1	2	-	3	10	6
Accident caused by handgun (E922.0)	241	2	4	2	4	1	13	11	31	67	44	23	17	13
All races, male	212	1	2	-	4	1	8	8	27	65	42	20	16	12
All races, female	29	1	2	2	-	-	5	3	4	2	2	3	1	1
White, male	164	1	1	-	3	1	6	5	20	46	31	19	14	12
White, female	23	1	2	2	-	-	5	3	3	1	1	1	1	1
Black, male	41	-	1	-	1	-	2	2	7	16	9	1	2	-
Black, female	5	-	-	-	-	-	-	-	1	1	1	1	-	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1,175	1	3	7	3	7	21	45	115	238	151	131	108	72
All races, male	1,043	1	3	5	2	5	16	36	109	220	130	108	94	66
All races, female	132	-	-	2	1	2	5	9	6	18	21	23	14	6
White, male	833	1	3	4	2	2	12	29	88	166	98	85	76	54
White, female	93	-	-	1	1	-	2	4	4	13	14	16	9	6
Black, male	180	-	-	1	-	2	3	5	19	51	26	18	16	9
Black, female	33	-	-	1	-	2	3	4	1	5	7	6	3	-
Accident caused by explosive material (E923)	202	-	-	1	-	-	1	7	4	8	18	26	24	23
All races, male	185	-	-	1	-	-	1	5	4	8	18	26	21	22
All races, female	17	-	-	-	-	-	-	2	-	-	-	-	3	1
White, male	162	-	-	1	-	-	1	3	2	7	17	23	19	17
White, female	15	-	-	-	-	-	-	1	-	-	-	-	3	-
Black, male	21	-	-	-	-	-	-	2	1	1	1	3	1	5
Black, female	2	-	-	-	-	-	-	1	-	-	-	-	-	1
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	131	4	8	1	-	-	13	1	-	1	2	-	-	6
All races, male	67	3	3	1	-	-	7	-	-	1	2	-	-	5
All races, female	64	1	5	-	-	-	6	1	-	-	-	-	-	1
White, male	43	2	2	1	-	-	5	-	-	1	1	-	-	3
White, female	48	-	2	-	-	-	2	1	-	-	-	-	-	1
Black, male	23	1	1	-	-	-	2	-	-	-	1	-	-	2
Black, female	15	1	3	-	-	-	4	-	-	-	-	-	-	-
Accident caused by electric current (E925)	670	5	2	2	1	3	13	13	12	43	81	120	111	72
All races, male	635	3	2	-	1	-	6	10	11	40	76	113	111	71
All races, female	35	2	-	2	-	3	7	3	1	3	5	7	-	1
White, male	577	2	2	-	1	-	5	8	11	37	66	106	104	62
White, female	29	1	-	1	-	2	4	3	1	2	4	6	-	1
Black, male	52	1	-	-	-	-	1	2	-	2	8	7	7	9
Black, female	5	1	-	1	-	1	3	-	-	1	-	1	-	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	7,461	304	71	47	31	50	503	143	127	205	320	442	474	491
All races, male	5,644	168	47	31	22	35	303	106	108	174	287	382	421	432
All races, female	1,817	136	24	16	9	15	200	37	19	31	33	60	53	59
White, male	4,641	99	40	28	19	30	216	89	89	141	246	324	335	347
White, female	1,491	83	19	15	8	13	138	29	17	26	25	48	46	44
Black, male	824	64	5	2	2	2	75	13	16	16	29	46	68	72
Black, female	267	49	2	1	-	2	54	3	2	2	6	10	5	10
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	166	1	-	1	1	-	3	1	1	3	4	7	11	8
All races, male	80	1	-	-	1	-	2	1	1	1	2	5	3	4
All races, female	86	-	-	1	-	-	1	-	-	2	2	2	8	4
White, male	59	1	-	-	1	-	2	1	-	-	1	4	3	3
White, female	72	-	-	1	-	-	1	-	-	2	1	1	8	4
Black, male	19	-	-	-	-	-	-	-	1	1	1	1	-	1
Black, female	13	-	-	-	-	-	-	-	-	-	1	-	-	-
Suicide (E950-E959)	30,906	...	...	...	...	...	...	6	258	1,979	2,890	3,192	3,358	3,098
All races, male	24,724	...	...	...	...	...	...	4	191	1,656	2,504	2,667	2,672	2,413
All races, female	6,182	...	...	...	...	...	...	2	67	323	386	525	686	685
White, male	22,448	...	...	...	...	...	...	3	162	1,422	2,147	2,279	2,346	2,164
White, female	5,638	...	...	...	...	...	...	1	57	279	334	452	606	615
Black, male	1,737	...	...	...	...	...	...	1	21	157	247	300	267	199
Black, female	374	...	...	...	...	...	...	1	8	26	35	57	51	53

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Accidents and adverse effects-Con.														
Other accidents, including late effects (E900-E929)	889	730	693	726	872	893	887	1,055	1,051	811	479	200	36	38
All races, male	754	595	576	589	650	637	585	646	525	355	173	66	6	37
All races, female	135	135	117	137	222	256	302	409	526	456	306	134	30	1
White, male	608	461	478	493	520	522	498	554	475	310	154	57	5	34
White, female	103	112	91	111	179	209	254	353	457	417	268	120	25	-
Black, male	123	115	85	81	114	93	76	80	41	42	16	8	1	3
Black, female	23	23	22	21	34	41	39	52	62	37	33	13	5	1
Lightning (E907)	2	6	2	3	4	3	1	-	-	-	-	-	-	-
All races, male	2	6	2	3	4	3	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	1	-	-	-	-	-	-	-
White, male	2	5	2	2	4	3	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Black, male	-	1	-	1	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental drowning and submersion (E910)	206	137	101	97	116	111	97	81	68	41	22	3	1	30
All races, male	174	109	87	78	93	82	71	46	33	23	15	2	-	30
All races, female	32	28	14	19	23	29	26	35	35	18	7	1	1	-
White, male	133	83	65	65	75	67	64	42	28	19	14	2	-	29
White, female	28	25	8	14	18	24	19	32	32	15	4	1	1	-
Black, male	38	24	15	11	16	10	4	4	5	3	-	-	-	1
Black, female	2	3	6	2	4	5	5	2	2	3	2	-	-	-
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	76	87	94	116	213	234	298	425	453	374	250	110	21	1
All races, male	45	52	58	70	120	127	164	219	192	145	73	24	3	1
All races, female	31	35	36	46	93	107	134	206	261	229	177	86	18	-
White, male	32	39	47	55	91	106	138	185	176	132	66	20	3	1
White, female	25	28	30	35	75	87	113	190	227	208	152	78	16	-
Black, male	10	12	11	15	25	17	25	30	13	12	6	4	-	-
Black, female	4	7	5	11	14	18	18	16	33	21	23	7	2	-
Accident caused by handgun (E922.0)	6	4	4	2	1	3	1	1	-	-	-	-	-	-
All races, male	5	3	2	2	1	-	-	1	-	-	-	-	-	-
All races, female	1	1	2	-	-	3	1	-	-	-	-	-	-	-
White, male	4	2	2	1	1	-	-	1	-	-	-	-	-	-
White, female	1	1	1	-	-	3	1	-	-	-	-	-	-	-
Black, male	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	72	32	35	42	29	21	25	21	8	6	1	1	-	1
All races, male	64	31	27	40	25	20	22	18	8	6	1	1	-	1
All races, female	8	1	8	2	4	1	3	3	-	-	-	-	-	-
White, male	53	25	25	36	18	16	18	17	8	6	1	1	-	1
White, female	7	1	6	2	4	1	2	2	-	-	-	-	-	-
Black, male	8	6	2	4	5	4	3	1	-	-	-	-	-	-
Black, female	1	-	1	-	-	-	1	1	-	-	-	-	-	-
Accident caused by explosive material (E923)	15	15	12	10	10	7	7	9	5	1	-	-	-	-
All races, male	13	14	11	10	10	5	5	6	5	1	-	-	-	-
All races, female	2	1	1	-	-	2	2	3	-	-	-	-	-	-
White, male	13	11	10	10	9	3	5	6	5	1	-	-	-	-
White, female	2	1	1	-	-	2	2	3	-	-	-	-	-	-
Black, male	-	3	1	-	1	2	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	1	3	6	7	4	11	7	18	23	15	8	4	1	-
All races, male	1	2	3	3	2	8	2	10	7	6	:	4	-	-
All races, female	-	1	3	4	2	3	5	8	16	9	4	-	1	-
White, male	1	-	3	2	1	6	1	4	5	4	3	3	-	-
White, female	-	-	2	2	2	3	4	5	13	9	4	-	-	-
Black, male	-	2	-	1	1	2	1	5	2	2	1	1	-	-
Black, female	-	1	1	2	-	-	1	3	2	-	-	-	1	-
Accident caused by electric current (E925)	56	30	34	36	21	13	8	4	2	1	-	-	-	-
All races, male	54	29	32	36	20	12	7	4	2	1	-	-	-	-
All races, female	2	1	2	-	1	1	1	-	-	-	-	-	-	-
White, male	49	25	28	33	18	12	6	4	2	1	-	-	-	-
White, female	2	1	2	-	1	1	1	-	-	-	-	-	-	-
Black, male	3	4	4	2	2	-	1	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	455	416	405	413	474	490	443	496	492	373	198	82	13	6
All races, male	396	349	354	347	375	380	314	342	278	173	80	35	3	5
All races, female	59	67	51	66	99	110	129	154	214	200	118	47	10	1
White, male	321	271	296	289	303	309	266	295	251	147	70	31	2	3
White, female	38	55	41	58	79	88	111	121	185	185	108	41	8	-
Black, male	63	62	52	47	64	58	42	40	21	25	9	3	1	2
Black, female	16	12	8	6	16	18	14	30	25	13	8	6	2	1
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	12	10	9	8	14	12	15	24	9	8	6	1	-	-
All races, male	6	6	4	4	10	4	8	11	4	2	1	1	-	-
All races, female	6	4	5	4	4	8	7	13	5	6	5	-	-	-
White, male	5	2	2	4	8	3	6	9	3	1	1	1	-	-
White, female	2	4	4	3	3	7	6	12	5	5	4	-	-	-
Black, male	1	4	1	-	2	1	1	2	1	1	-	-	-	-
Black, female	4	-	1	1	1	1	1	1	-	1	1	-	-	-
Suicide (E950-E959)	2,619	2,059	1,659	1,692	1,691	1,666	1,564	1,461	1,032	483	167	20	1	11
All races, male	2,011	1,583	1,253	1,254	1,309	1,302	1,244	1,237	862	398	142	14	-	8
All races, female	608	476	406	438	382	364	320	224	170	85	25	6	1	3
White, male	1,844	1,468	1,162	1,186	1,242	1,247	1,188	1,203	843	382	138	14	-	8
White, female	560	441	378	409	364	343	305	218	165	80	22	5	1	3
Black, male	133	100	74	49	46	42	48	25	15	10	3	-	-	-
Black, female	38	28	17	18	12	16	7	2	1	4	-	-	-	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Suicide-Con.														
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	2,920	...	...	...	...	...	...	1	16	97	153	246	361	419
All races, male	1,315	...	...	...	...	...	...	1	2	43	70	136	200	214
All races, female	1,605	...	...	...	...	...	...	-	14	54	83	110	161	205
White, male	1,221	...	...	...	...	...	...	1	2	37	59	116	181	203
White, female	1,482	...	...	...	...	...	...	-	11	46	72	94	143	188
Black, male	68	...	...	...	...	...	...	-	-	4	8	17	14	7
Black, female	91	...	...	...	...	...	...	-	2	4	8	12	11	15
Suicide by other solid or liquid substances (E950.6-E950.9)	223	...	...	...	...	...	...	-	-	5	13	30	27	35
All races, male	164	...	...	...	...	...	...	-	-	4	11	21	25	29
All races, female	59	...	...	...	...	...	...	-	-	1	2	9	2	6
White, male	138	...	...	...	...	...	...	-	-	3	10	15	19	25
White, female	52	...	...	...	...	...	...	-	-	1	2	7	2	5
Black, male	16	...	...	...	...	...	...	-	-	-	-	3	4	3
Black, female	6	...	...	...	...	...	...	-	-	-	-	2	-	1
Suicide by gases and vapors (E951-E952)	2,281	...	...	...	...	...	...	-	-	111	177	187	272	299
All races, male	1,742	...	...	...	...	...	...	-	-	89	154	147	209	243
All races, female	539	...	...	...	...	...	...	-	-	22	23	40	63	56
White, male	1,702	...	...	...	...	...	...	-	-	85	153	137	202	241
White, female	525	...	...	...	...	...	...	-	-	21	20	38	63	55
Black, male	21	...	...	...	...	...	...	-	-	2	-	4	6	1
Black, female	9	...	...	...	...	...	...	-	-	-	2	2	-	-
Suicide by hanging, strangulation, and suffocation (E953)	4,444	...	...	...	...	...	...	3	93	365	546	592	565	492
All races, male	3,688	...	...	...	...	...	...	2	80	317	506	548	484	419
All races, female	756	...	...	...	...	...	...	1	13	48	40	44	81	73
White, male	3,163	...	...	...	...	...	...	1	69	263	421	445	400	356
White, female	649	...	...	...	...	...	...	-	11	36	33	35	65	59
Black, male	329	...	...	...	...	...	...	1	6	28	48	71	57	50
Black, female	45	...	...	...	...	...	...	1	1	5	3	6	9	8
Suicide by handgun (E955.0)	3,464	...	...	...	...	...	...	1	29	213	304	356	318	283
All races, male	2,843	...	...	...	...	...	...	1	20	167	260	298	261	218
All races, female	621	...	...	...	...	...	...	-	9	46	44	58	57	65
White, male	2,645	...	...	...	...	...	...	1	17	138	228	257	232	202
White, female	573	...	...	...	...	...	...	-	9	39	38	55	53	57
Black, male	144	...	...	...	...	...	...	-	2	18	20	32	19	14
Black, female	34	...	...	...	...	...	...	-	-	5	4	1	2	7
Suicide by all other and unspecified firearms (E955.1-E955.4)	15,421	...	...	...	...	...	...	1	113	1,119	1,529	1,564	1,535	1,328
All races, male	13,442	...	...	...	...	...	...	-	85	984	1,367	1,348	1,292	1,107
All races, female	1,979	...	...	...	...	...	...	1	28	135	162	216	243	221
White, male	12,304	...	...	...	...	...	...	-	70	849	1,171	1,178	1,158	995
White, female	1,822	...	...	...	...	...	...	1	23	121	143	190	219	203
Black, male	958	...	...	...	...	...	...	-	13	102	151	142	124	92
Black, female	127	...	...	...	...	...	...	-	5	12	14	22	16	15
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	2,153	...	...	...	...	...	...	-	7	69	168	217	280	242
All races, male	1,530	...	...	...	...	...	...	-	4	52	136	169	201	183
All races, female	623	...	...	...	...	...	...	-	3	17	32	48	79	59
White, male	1,275	...	...	...	...	...	...	-	4	47	105	131	154	142
White, female	535	...	...	...	...	...	...	-	3	15	26	33	61	48
Black, male	201	...	...	...	...	...	...	-	-	3	20	31	43	32
Black, female	62	...	...	...	...	...	...	-	-	-	4	12	13	7
Homicide and legal intervention (E960-E978)	24,932	332	169	97	68	44	710	156	356	3,042	4,312	4,180	3,463	2,633
All races, male	19,604	178	85	53	41	29	386	70	229	2,571	3,651	3,392	2,704	2,090
All races, female	5,328	154	84	44	27	15	324	86	127	471	661	788	759	543
White, male	9,147	103	39	26	26	18	212	37	117	922	1,453	1,484	1,240	1,022
White, female	3,006	78	38	19	15	9	159	51	62	248	342	380	389	286
Black, male	9,981	69	40	24	15	9	157	29	108	1,585	2,107	1,851	1,399	1,015
Black, female	2,163	72	44	23	9	6	154	33	62	209	300	386	348	236
Assault by handgun (E965.0)	1,337	2	1	2	1	1	7	9	32	181	224	248	190	126
All races, male	1,046	1	-	2	-	1	4	4	27	155	194	198	147	92
All races, female	291	1	1	-	1	-	3	5	5	26	30	50	43	34
White, male	528	1	-	2	-	-	3	-	16	73	86	97	70	52
White, female	186	1	-	-	-	-	1	3	2	15	15	28	28	16
Black, male	487	-	-	-	-	1	1	3	11	76	101	95	70	38
Black, female	97	-	1	-	-	-	1	2	3	11	14	21	13	17
Assault by all other and unspecified firearms (E965.1-E965.4)	14,881	11	15	13	15	8	62	54	226	2,281	2,993	2,667	2,061	1,532
All races, male	12,583	6	10	5	8	6	35	26	161	2,022	2,675	2,299	1,723	1,297
All races, female	2,298	5	5	8	7	2	27	28	65	259	318	368	338	235
White, male	5,366	3	6	2	7	5	23	13	78	622	915	938	783	620
White, female	1,296	2	2	7	4	-	15	17	26	121	157	168	191	133
Black, male	6,966	3	4	2	1	1	11	11	81	1,355	1,703	1,333	913	653
Black, female	947	3	3	1	3	2	12	10	38	129	154	192	140	98
Assault by cutting and piercing instrument (E966)	4,101	3	2	5	4	3	17	21	31	321	651	746	668	504
All races, male	3,158	1	2	4	3	2	12	8	15	247	516	600	502	396
All races, female	943	2	-	1	1	1	5	13	16	74	135	146	166	108
White, male	1,517	1	1	2	2	2	8	4	8	133	273	260	203	176
White, female	467	1	-	-	1	1	3	8	5	36	67	60	66	50
Black, male	1,549	-	1	2	1	-	4	4	7	106	228	322	285	207
Black, female	449	1	-	1	-	-	2	5	11	37	66	82	92	53
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	4,295	316	151	76	48	32	623	72	67	237	386	457	483	432
All races, male	2,511	170	73	42	30	20	335	32	26	125	210	237	273	267
All races, female	1,784	146	78	34	18	12	288	40	41	112	176	220	210	165
White, male	1,543	98	32	20	17	11	178	20	15	82	150	159	140	149
White, female	1,050	74	36	11	10	8	139	23	29	76	102	120	104	87
Black, male	874	66	35	20	13	7	141	11	9	38	53	74	116	105
Black, female	666	68	40	21	6	4	139	16	10	32	66	91	101	67

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 58 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Suicide-Con.														
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	396	268	209	191	138	127	115	94	49	30	8	1	-	1
All races, male	192	119	79	65	49	46	36	35	14	11	3	-	-	-
All races, female	204	149	130	126	89	81	79	59	35	19	5	1	-	1
White, male	183	113	74	64	48	45	35	33	14	10	3	-	-	-
White, female	189	141	120	117	89	76	77	59	35	19	4	1	-	1
Black, male	8	3	5	1	-	-	1	-	-	-	-	-	-	-
Black, female	13	8	8	7	-	2	1	-	-	-	-	-	-	-
Suicide by other solid or liquid substances (E950.6-E950.9)	25	19	15	6	18	7	10	4	7	2	-	-	-	-
All races, male	17	13	12	2	12	7	3	3	5	-	-	-	-	-
All races, female	8	6	3	4	6	-	7	1	2	2	-	-	-	-
White, male	14	12	10	2	11	6	3	3	5	-	-	-	-	-
White, female	7	5	3	3	6	-	6	1	2	2	-	-	-	-
Black, male	3	1	1	-	-	1	-	-	-	-	-	-	-	-
Black, female	-	1	-	1	-	-	1	-	-	-	-	-	-	-
Suicide by gases and vapors (E951-E952)	276	191	140	133	132	105	80	82	52	29	12	1	-	2
All races, male	204	151	106	90	85	72	53	64	38	25	9	1	-	2
All races, female	72	40	34	43	47	33	27	18	14	4	3	-	-	-
White, male	195	148	106	89	84	72	53	62	38	25	9	1	-	2
White, female	66	40	34	42	47	33	27	18	14	4	3	-	-	-
Black, male	5	2	-	-	1	-	-	-	-	-	-	-	-	-
Black, female	4	-	-	1	-	-	-	-	-	-	-	-	-	-
Suicide by hanging, strangulation, and suffocation (E953)	297	208	180	172	203	167	166	149	134	71	31	9	1	-
All races, male	256	172	140	123	155	111	112	102	86	49	20	6	-	-
All races, female	41	36	40	49	48	56	54	47	48	22	11	3	1	-
White, male	221	154	125	108	143	103	103	96	83	46	20	6	-	-
White, female	36	30	33	44	44	52	50	45	44	20	9	2	1	-
Black, male	24	14	12	5	3	1	6	1	1	1	-	-	-	-
Black, female	3	1	1	-	1	3	1	1	-	1	-	-	-	-
Suicide by handgun (E955.0)	266	230	179	204	204	223	225	199	149	58	19	3	-	1
All races, male	202	185	140	153	163	185	190	183	139	55	19	3	-	1
All races, female	64	45	39	51	41	38	35	16	10	3	-	-	-	-
White, male	191	178	132	148	161	183	183	183	136	54	17	3	-	1
White, female	61	43	37	46	38	35	35	16	9	2	-	-	-	-
Black, male	8	7	6	5	1	2	6	-	2	1	1	-	-	-
Black, female	3	1	-	3	3	3	-	-	1	1	-	-	-	-
Suicide by all other and unspecified firearms (E955.1-E955.4)	1,168	978	802	869	890	938	859	851	551	242	77	2	-	5
All races, male	995	817	683	749	781	818	783	802	516	233	76	2	-	4
All races, female	173	161	119	120	109	120	76	49	35	9	1	-	-	1
White, male	920	757	636	710	742	781	748	779	504	225	75	2	-	4
White, female	163	148	114	113	103	114	73	49	35	8	1	-	-	1
Black, male	64	55	38	35	34	33	33	23	11	7	1	-	-	-
Black, female	8	12	4	6	5	6	1	-	-	1	-	-	-	-
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	191	165	134	117	106	99	109	82	90	51	20	4	-	2
All races, male	145	126	93	72	64	63	67	48	64	25	15	2	-	1
All races, female	46	39	41	45	42	36	42	34	26	26	5	2	-	1
White, male	120	106	79	65	53	57	63	47	63	22	14	2	-	1
White, female	38	34	37	44	37	33	37	30	26	25	5	2	-	1
Black, male	21	18	12	3	7	5	2	1	1	1	1	-	-	-
Black, female	7	5	4	-	3	2	3	1	-	1	-	-	-	-
Homicide and legal intervention (E960-E978)	1,784	1,135	757	553	502	385	297	250	180	102	27	6	4	98
All races, male	1,426	887	597	415	387	270	186	136	78	40	11	3	3	72
All races, female	358	248	160	138	115	115	111	114	102	62	16	3	1	26
White, male	785	519	361	253	232	174	120	82	50	28	6	2	1	47
White, female	226	176	113	91	88	76	87	86	72	41	9	-	1	23
Black, male	599	341	219	151	148	88	61	53	28	12	4	-	2	24
Black, female	119	63	40	39	25	37	23	27	29	20	7	3	-	3
Assault by handgun (E965.0)	105	59	49	26	21	24	11	9	9	4	-	-	-	3
All races, male	79	43	36	19	17	12	4	5	5	2	-	-	-	3
All races, female	26	16	13	7	4	12	7	4	4	2	-	-	-	-
White, male	43	21	24	12	9	8	3	4	3	2	-	-	-	2
White, female	20	15	9	5	2	11	7	4	3	2	-	-	-	-
Black, male	34	22	12	7	8	4	1	1	2	-	-	-	-	1
Black, female	6	-	3	2	2	1	-	-	1	-	-	-	-	-
Assault by all other and unspecified firearms (E965.1-E965.4)	1,022	653	399	273	223	155	92	83	41	20	4	-	3	37
All races, male	837	516	316	210	177	121	60	50	13	10	1	-	3	31
All races, female	185	137	83	63	46	34	32	33	28	10	3	-	-	6
White, male	458	300	201	126	111	72	36	32	10	8	1	-	1	18
White, female	116	96	62	43	37	19	30	29	20	9	2	-	-	5
Black, male	355	200	104	81	64	44	21	18	3	2	-	-	2	12
Black, female	64	36	20	15	8	14	2	4	8	1	1	-	-	1
Assault by cutting and piercing instrument (E966)	311	177	137	111	116	84	73	54	38	17	7	2	-	15
All races, male	250	146	114	87	89	55	47	33	15	7	4	2	-	13
All races, female	61	31	23	24	27	29	26	21	23	10	3	-	-	2
White, male	120	69	58	53	40	34	34	19	8	4	2	1	-	10
White, female	38	22	11	18	16	18	18	11	15	3	-	-	-	2
Black, male	118	74	54	32	46	21	12	14	7	3	2	-	-	3
Black, female	21	9	10	6	10	10	8	10	7	7	3	-	-	-
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	311	229	164	141	136	121	121	103	90	60	16	4	1	41
All races, male	225	166	123	97	98	81	75	47	44	20	6	1	-	23
All races, female	86	63	41	44	38	40	46	56	46	40	10	3	1	18
White, male	137	115	72	61	70	59	47	26	29	14	3	1	-	16
White, female	52	42	31	25	33	28	32	42	34	27	7	-	1	16
Black, male	84	44	47	30	26	19	27	20	15	6	2	-	-	7
Black, female	28	18	7	16	5	12	13	13	12	12	3	3	-	2

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Homicide and legal intervention-Con.														
Legal execution (E978)	21	-	-	-	-	-	-	-	-	-	-	2	4	5
All races, male	21	-	-	-	-	-	-	-	-	-	-	2	4	5
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	14	-	-	-	-	-	-	-	-	-	-	2	3	2
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	7	-	-	-	-	-	-	-	-	-	-	-	1	3
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	297	-	-	1	-	-	1	-	-	22	58	60	57	34
All races, male	285	-	-	-	-	-	-	-	-	22	56	56	55	33
All races, female	12	-	-	1	-	-	1	-	-	-	2	4	2	1
White, male	179	-	-	-	-	-	-	-	-	12	29	28	41	23
White, female	7	-	-	1	-	-	1	-	-	-	1	4	-	-
Black, male	98	-	-	-	-	-	-	-	-	10	22	27	14	9
Black, female	4	-	-	-	-	-	-	-	-	-	-	-	2	1
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	2,376	53	16	7	5	3	84	18	35	125	185	285	362	327
All races, male	1,719	30	12	3	4	1	50	13	27	99	150	220	279	249
All races, female	657	23	4	4	1	2	34	5	8	26	35	65	83	78
White, male	1,303	13	5	2	1	-	21	9	20	73	110	171	217	194
White, female	505	9	2	3	-	-	14	2	8	20	28	42	60	60
Black, male	359	15	6	1	2	1	25	4	7	18	34	39	57	51
Black, female	133	14	1	1	1	2	19	3	-	2	7	21	22	16
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	955	2	1	-	-	-	3	-	4	25	43	124	216	186
All races, male	634	2	1	-	-	-	3	-	2	16	30	96	163	137
All races, female	321	-	-	-	-	-	-	-	2	9	13	28	53	49
White, male	511	1	-	-	-	-	1	-	2	12	20	82	137	111
White, female	267	-	-	-	-	-	-	-	2	7	10	18	41	39
Black, male	110	1	1	-	-	-	2	-	-	2	8	11	24	25
Black, female	48	-	-	-	-	-	-	-	-	1	3	9	11	9
From poisoning by other solid or liquid substances (E980.6-E980.9)	51	-	-	-	-	-	-	-	-	4	1	5	8	9
All races, male	43	-	-	-	-	-	-	-	-	3	1	4	7	9
All races, female	8	-	-	-	-	-	-	-	-	1	-	1	1	-
White, male	32	-	-	-	-	-	-	-	-	2	1	4	3	9
White, female	6	-	-	-	-	-	-	-	-	-	-	-	1	-
Black, male	7	-	-	-	-	-	-	-	-	-	-	-	3	-
Black, female	1	-	-	-	-	-	-	-	-	-	-	1	-	-
From injury by handgun (E985.0)	53	-	-	-	-	-	-	-	2	11	11	8	4	8
All races, male	41	-	-	-	-	-	-	-	2	9	9	7	3	4
All races, female	12	-	-	-	-	-	-	-	-	2	2	1	1	4
White, male	30	-	-	-	-	-	-	-	1	7	5	6	2	2
White, female	9	-	-	-	-	-	-	-	-	2	1	1	-	3
Black, male	10	-	-	-	-	-	-	-	1	2	3	1	1	2
Black, female	3	-	-	-	-	-	-	-	-	-	1	-	1	1
From injury by all other and unspecified firearms (E985.1-E985.4)	294	-	-	-	-	-	-	-	12	41	56	41	27	18
All races, male	248	-	-	-	-	-	-	-	10	34	49	31	21	15
All races, female	46	-	-	-	-	-	-	-	2	7	7	10	6	3
White, male	203	-	-	-	-	-	-	-	8	23	38	25	18	15
White, female	42	-	-	-	-	-	-	-	2	7	7	8	4	3
Black, male	42	-	-	-	-	-	-	-	2	10	10	6	3	-
Black, female	3	-	-	-	-	-	-	-	-	-	-	1	2	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	1,023	51	15	7	5	3	81	18	17	44	74	107	107	106
All races, male	753	28	11	3	4	1	47	13	13	37	61	82	85	84
All races, female	270	23	4	4	1	2	34	5	4	7	13	25	22	22
White, male	527	12	5	2	1	-	20	9	9	29	46	54	57	57
White, female	181	9	2	3	-	-	14	2	4	4	10	15	14	15
Black, male	190	14	5	1	2	1	23	4	4	4	13	21	26	24
Black, female	78	14	1	1	1	2	19	3	-	1	3	10	8	6
Injury resulting from operations of war (E990-E999)	14	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	14	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	12	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 60 of 60)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex [1]	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Homicide and legal intervention-Con.														
Legal execution (E978)	6	1	2	–	1	–	–	–	–	–	–	–	–	–
All races, male	6	1	2	–	1	–	–	–	–	–	–	–	–	–
All races, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White, male	5	1	1	–	–	–	–	–	–	–	–	–	–	–
White, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, male	1	–	1	–	1	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	29	16	6	2	5	1	–	1	2	1	–	–	–	2
All races, male	29	15	6	2	5	1	–	1	1	1	–	–	–	2
All races, female	–	1	–	–	–	–	–	–	1	–	–	–	–	–
White, male	22	13	5	1	2	1	–	1	–	–	–	–	–	1
White, female	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Black, male	7	1	1	1	3	–	–	–	1	1	–	–	–	1
Black, female	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	253	156	106	84	89	71	52	48	35	30	11	2	–	18
All races, male	188	105	62	54	63	47	32	29	21	12	3	–	–	16
All races, female	65	51	44	30	26	24	20	19	14	18	8	2	–	2
White, male	139	80	46	39	52	38	27	26	19	11	3	–	–	8
White, female	58	40	42	23	22	22	16	17	10	13	7	1	–	–
Black, male	46	22	15	13	7	6	4	2	1	1	–	–	–	7
Black, female	7	10	2	4	2	2	3	2	4	4	1	–	–	2
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	138	77	40	32	21	15	13	8	3	3	2	–	–	2
All races, male	93	43	11	13	7	6	5	4	2	–	1	–	–	2
All races, female	45	34	29	19	14	9	8	4	1	3	1	–	–	–
White, male	68	35	8	10	7	5	5	4	2	–	1	–	–	1
White, female	42	27	27	17	12	9	8	4	1	2	1	–	–	–
Black, male	24	7	2	3	–	1	–	–	–	–	–	–	–	1
Black, female	3	6	2	2	1	–	–	–	–	1	–	–	–	–
From poisoning by other solid or liquid substances (E980.6-E980.9)	6	3	2	6	3	1	1	1	–	–	1	–	–	–
All races, male	5	2	1	5	2	1	1	1	–	–	1	–	–	–
All races, female	1	1	1	1	1	–	–	–	–	–	–	–	–	–
White, male	3	1	1	4	2	1	–	–	–	–	1	–	–	–
White, female	1	1	1	1	1	–	–	–	–	–	–	–	–	–
Black, male	2	1	–	–	–	–	1	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
From injury by handgun (E965.0)	4	–	1	–	–	2	–	–	2	–	–	–	–	–
All races, male	4	–	–	–	–	1	–	–	2	–	–	–	–	–
All races, female	–	–	1	–	–	1	–	–	–	–	–	–	–	–
White, male	4	–	–	–	–	1	–	–	2	–	–	–	–	–
White, female	–	–	1	–	–	1	–	–	–	–	–	–	–	–
Black, male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
From injury by all other and unspecified firearms (E965.1-E965.4)	19	12	16	10	8	10	7	9	4	2	–	–	–	2
All races, male	17	11	13	9	6	10	6	8	4	2	–	–	–	2
All races, female	2	1	3	1	2	–	1	1	–	–	–	–	–	–
White, male	13	9	10	7	6	9	6	8	4	2	–	–	–	2
White, female	2	1	3	1	2	–	1	1	–	–	–	–	–	–
Black, male	3	2	3	2	–	1	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E969)	86	64	47	36	57	43	31	30	26	25	8	2	–	14
All races, male	69	49	37	27	48	29	20	16	13	10	1	–	–	12
All races, female	17	15	10	9	9	14	11	14	13	15	7	2	–	2
White, male	51	35	27	18	37	22	16	14	11	9	1	–	–	5
White, female	13	11	10	4	7	12	7	12	9	11	6	1	–	–
Black, male	17	12	10	8	7	4	3	2	1	1	–	–	–	6
Black, female	4	4	–	2	1	2	3	2	4	3	1	–	–	2
Injury resulting from operations of war (E990-E999)	2	1	–	3	1	2	2	2	–	1	–	–	–	–
All races, male	2	1	–	3	1	2	2	2	–	1	–	–	–	–
All races, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White, male	2	1	–	1	1	2	2	2	–	1	–	–	–	–
White, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black, male	–	–	–	2	–	–	–	–	–	–	–	–	–	–
Black, female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

[1] Totals for causes of death include races other than white and black.

Table 1-28. Number and Percent of Deaths for Which Autopsies Were Reported, by 10-Year Age Groups, Race, and Sex: United States, 1990

Race and sex	Total	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	Not stated
	Number												
All races	239,591	17,208	3,579	3,818	22,248	30,598	31,876	26,779	31,653	36,922	25,790	8,785	335
Male	163,371	10,091	2,034	2,365	17,409	23,130	23,730	19,183	22,293	24,215	14,708	3,952	261
Female	76,220	7,117	1,545	1,453	4,839	7,468	8,146	7,596	9,360	12,707	11,082	4,833	74
White	184,768	11,400	2,400	2,646	14,931	20,912	22,970	20,712	25,940	31,909	22,872	7,835	241
Male	125,369	6,824	1,357	1,645	11,457	15,893	17,248	14,896	18,369	20,974	13,008	3,512	186
Female	59,399	4,576	1,043	1,001	3,474	5,019	5,722	5,816	7,571	10,935	9,864	4,323	55
All other	54,823	5,808	1,179	1,172	7,317	9,686	8,906	6,067	5,713	5,013	2,918	950	94
Male	38,002	3,267	677	720	5,952	7,237	6,482	4,287	3,924	3,241	1,700	440	75
Female	16,821	2,541	502	452	1,365	2,449	2,424	1,780	1,789	1,772	1,218	510	19
Black	49,260	5,283	1,046	1,014	6,533	8,828	8,104	5,452	5,110	4,461	2,538	802	89
Male	34,217	2,953	593	620	5,360	6,610	5,899	3,866	3,551	2,878	1,466	350	71
Female	15,043	2,330	453	394	1,173	2,218	2,205	1,586	1,559	1,583	1,072	452	18
	Percent												
All races	11.2	44.9	51.6	45.3	60.6	50.9	38.1	22.6	12.5	7.7	4.3	1.9	59.6
Male	14.7	46.2	51.2	46.1	62.5	52.5	41.3	25.7	14.4	8.8	5.0	2.6	64.8
Female	7.4	43.1	52.2	43.9	54.6	46.6	31.2	17.3	9.5	6.3	3.6	1.6	46.5
White	10.0	45.8	49.3	42.2	55.5	48.9	37.6	22.5	12.4	7.7	4.2	1.8	62.8
Male	13.2	47.5	48.7	43.1	56.7	49.9	40.6	25.6	14.2	8.7	4.9	2.5	67.1
Female	6.6	43.5	50.1	40.8	51.9	45.9	30.8	17.2	9.5	6.3	3.6	1.5	51.4
All other	18.6	43.1	57.1	54.2	74.5	55.9	39.5	22.9	13.1	8.1	4.9	2.6	52.8
Male	23.4	43.6	57.1	55.1	77.7	59.2	43.1	26.2	15.5	9.6	5.9	3.4	59.5
Female	12.7	42.5	57.0	52.7	63.2	47.9	32.3	17.6	9.8	6.4	4.0	2.2	*
Black	18.6	43.0	59.2	55.1	76.1	55.9	39.5	22.8	12.9	8.0	4.7	2.5	53.6
Male	23.5	43.4	59.4	55.7	79.6	59.2	43.0	26.1	15.4	9.5	5.8	3.1	60.2
Female	12.5	42.5	58.9	54.3	63.2	47.9	32.4	17.5	9.5	6.2	3.8	2.2	*

Table 1-29. Deaths From 72 Selected Causes, by Number and Percent for Which Autopsies Were Reported and Sex: United States, 1990

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Total deaths			Reported autopsies					
				Both sexes		Male		Female	
	Both sexes	Male	Female	Number	Percent	Number	Percent	Number	Percent
All causes	2,148,463	1,113,417	1,035,046	239,591	11.2	163,371	14.7	76,220	7.4
Shigellosis and amebiasis (004,006)	15	5	10	6	*	3	*	3	*
Certain other intestinal infections (007-009)	415	180	235	93	22.4	45	25.0	48	20.4
Tuberculosis (010-018)	1,810	1,147	663	340	18.8	226	19.7	114	17.2
Tuberculosis of respiratory system (010-012)	1,378	907	471	238	17.3	161	17.8	77	16.3
Other tuberculosis (013-018)	432	240	192	102	23.6	65	27.1	37	19.3
Whooping cough (033)	12	4	8	5	*	2	*	3	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	14	6	8	4	*	2	*	2	*
Meningococcal infection (036)	215	113	102	108	50.2	60	53.1	48	47.1
Septicemia (038)	19,169	8,542	10,627	1,641	8.6	949	11.1	692	6.5
Acute poliomyelitis (045)	-	-	-	-	*	-	*	-	*
Measles (055)	64	34	30	35	54.7	17	*	18	*
Viral hepatitis (070)	1,578	927	651	206	13.1	117	12.6	89	13.7
Syphilis (090-097)	106	63	43	27	25.5	22	34.9	5	*
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044,046-054,056-066,071-088,098-139)	32,214	26,301	5,913	4,029	12.5	3,108	11.8	921	15.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	505,322	268,283	237,039	17,906	3.5	11,418	4.3	6,488	2.7
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	8,405	5,636	2,769	254	3.0	199	3.5	55	2.0
Malignant neoplasms of digestive organs and peritoneum (150-159)	120,765	63,920	56,845	3,796	3.1	2,471	3.9	1,325	2.3
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	146,386	94,950	51,436	4,955	3.4	3,757	4.0	1,198	2.3
Malignant neoplasm of breast (174-175)	43,663	272	43,391	857	2.0	9	*	848	2.0
Malignant neoplasms of genital organs (179-187)	57,487	32,929	24,558	1,269	2.2	686	2.1	583	2.4
Malignant neoplasms of urinary organs (188-189)	20,654	13,181	7,473	590	2.9	421	3.2	169	2.3
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	60,221	31,891	28,330	2,820	4.7	1,750	5.5	1,070	3.8
Leukemia (204-208)	18,574	10,192	8,382	1,448	7.8	906	8.9	542	6.5
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	29,167	15,312	13,855	1,917	6.6	1,219	8.0	698	5.0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6,752	3,012	3,740	647	9.6	323	10.7	324	8.7
Diabetes mellitus (250)	47,664	20,266	27,398	2,085	4.4	1,136	5.6	949	3.5
Nutritional deficiencies (260-269)	3,017	1,108	1,909	142	4.7	73	6.6	69	3.6
Anemias (280-285)	4,092	1,770	2,322	408	10.0	230	13.0	178	7.7
Meningitis (320-322)	1,017	545	472	306	30.1	169	31.0	137	29.0
Major cardiovascular diseases (390-448)	916,007	442,737	473,270	64,729	7.1	43,301	9.8	21,428	4.5
Diseases of heart (390-398,402,404-429)	720,058	360,788	359,270	54,542	7.6	37,286	10.3	17,256	4.8
Rheumatic fever and rheumatic heart disease (390-398)	6,018	1,830	4,188	837	13.9	355	19.4	482	11.5
Hypertensive heart disease (402)	21,072	8,822	12,250	2,191	10.4	1,387	15.7	804	6.6
Hypertensive heart and renal disease (404)	2,377	959	1,418	121	5.1	75	7.8	46	3.2
Ischemic heart disease (410-414)	489,171	252,597	236,574	33,992	6.9	24,404	9.7	9,588	4.1
Acute myocardial infarction (410)	239,008	129,483	109,525	17,188	7.2	12,160	9.4	5,028	4.6
Other acute and subacute forms of ischemic heart disease (411)	3,333	1,968	1,365	386	11.6	283	14.4	103	7.5
Angina pectoris (413)	1,070	443	627	40	3.7	25	5.6	15	*
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	245,760	120,703	125,057	16,378	6.7	11,936	9.9	4,442	3.6
Other diseases of endocardium (424)	13,004	5,500	7,504	1,200	9.2	725	13.2	475	6.3
All other forms of heart disease (415-423,425-429)	188,416	91,080	97,336	16,201	8.6	10,340	11.4	5,861	6.0
Hypertension with or without renal disease (401,403)	9,169	3,833	5,336	372	4.1	191	5.0	181	3.4
Cerebrovascular diseases (430-438)	144,088	56,697	87,391	5,163	3.6	2,754	4.9	2,409	2.8
Intracerebral and other intracranial hemorrhage (431-432)	20,575	9,227	11,348	1,539	7.5	850	9.2	689	6.1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	18,261	7,032	11,229	643	3.5	367	5.2	276	2.5
Cerebral embolism (434.1)	651	263	388	32	4.9	19	*	13	*
All other and late effects of cerebrovascular diseases (430,433,435-438)	104,601	40,175	64,426	2,949	2.8	1,518	3.8	1,431	2.2
Atherosclerosis (440)	18,047	6,859	11,188	458	2.5	302	4.4	156	1.4
Other diseases of arteries, arterioles, and capillaries (441-448)	24,645	14,560	10,085	4,194	17.0	2,768	19.0	1,426	14.1
Acute bronchitis and bronchiolitis (466)	633	269	364	143	22.6	80	29.7	63	17.3
Pneumonia and influenza (480-487)	79,513	36,898	42,615	5,643	7.1	3,561	9.7	2,082	4.9
Pneumonia (480-486)	77,415	36,099	41,316	5,581	7.2	3,530	9.8	2,051	5.0
Influenza (487)	2,098	799	1,299	62	3.0	31	3.9	31	2.4
Chronic obstructive pulmonary diseases and allied conditions (490-496)	86,679	49,416	37,263	3,948	4.6	2,624	5.3	1,324	3.6
Bronchitis, chronic and unspecified (490-491)	3,600	1,878	1,722	271	7.5	168	8.9	103	6.0
Emphysema (492)	15,706	9,408	6,298	893	5.7	673	7.2	220	3.5
Asthma (493)	4,819	1,885	2,934	780	16.2	400	21.2	380	13.0
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	62,554	36,245	26,309	2,004	3.2	1,383	3.8	621	2.4
Ulcer of stomach and duodenum (531-533)	6,186	2,973	3,213	1,029	16.6	624	21.0	405	12.6
Appendicitis (540-543)	438	257	181	130	29.7	84	32.7	46	25.4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,838	2,132	3,706	695	11.9	335	15.7	360	9.7
Chronic liver disease and cirrhosis (571)	25,815	16,627	9,188	4,372	16.9	3,039	18.3	1,333	14.5
Cholelithiasis and other disorders of gallbladder (574-575)	3,022	1,280	1,742	383	12.7	197	15.4	186	10.7
Nephritis, nephrotic syndrome, and nephrosis (580-589)	20,764	10,005	10,759	1,022	4.9	607	6.1	415	3.9
Acute glomerulonephritis and nephrotic syndrome (580-581)	296	145	151	36	12.2	23	15.9	13	*
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,521	763	758	121	8.0	69	9.0	52	6.9
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	18,947	9,097	9,850	865	4.6	515	5.7	350	3.6
Infections of kidney (590)	1,296	404	892	215	16.6	98	24.3	117	13.1
Hyperplasia of prostate (600)	455	455	...	47	10.3	47	10.3	...	...
Complications of pregnancy, childbirth, and the puerperium (630-676)	343	...	343	246	71.7	...	...	246	71.7
Pregnancy with abortive outcome (630-638)	57	...	57	44	77.2	...	...	44	77.2
Other complications of pregnancy, childbirth, and the puerperium (640-676)	286	...	286	202	70.6	...	...	202	70.6
Congenital anomalies (740-759)	13,085	7,050	6,035	4,859	37.1	2,797	39.7	2,062	34.2
Certain conditions originating in the perinatal period (760-779)	17,674	10,056	7,618	4,152	23.5	2,393	23.8	1,759	23.1
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	3,871	2,311	1,560	986	25.5	597	25.8	389	24.9
Other conditions originating in the perinatal period (760-766,770-779)	13,803	7,745	6,058	3,166	22.9	1,796	23.2	1,370	22.6
Symptoms, signs, and ill-defined conditions (780-799)	24,137	13,533	10,604	12,356	51.2	7,830	57.9	4,526	42.7
All other diseases (Residual)	172,891	79,020	93,871	18,104	10.5	10,639	13.5	7,465	8.0
Accidents and adverse effects (E800-E949)	91,983	61,938	30,045	46,353	50.4	33,387	53.9	12,966	43.2
Motor vehicle accidents (E810-E825)	46,814	32,406	14,408	24,810	53.0	17,338	53.5	7,472	51.9
All other accidents and adverse effects (E800-E807,E826-E949)	45,169	29,532	15,637	21,543	47.7	16,049	54.3	5,494	35.1
Suicide (E950-E959)	30,906	24,724	6,182	17,016	55.1	13,291	53.8	3,725	60.3
Homicide and legal intervention (E960-E978)	24,932	19,604	5,328	24,166	96.9	19,096	97.4	5,070	95.2
All other external causes (E980-E999)	2,390	1,733	657	1,995	83.5	1,441	83.2	554	84.3

Table 1-30. Deaths From 34 Selected Causes by Place of Death, Status of Decedent When Death Occurred in Hospital or Medical Center, and Age: Total of 49 Reporting States and the District of Columbia, 1990

(Page 1 of 6)

[Includes all deaths occurring in the reporting areas. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For discussion of place of death and status of decedent and list of States reporting status of decedent; see Technical Appendix]

Cause of death and age	Total	In hospital or medical center					Nursing home	Residence	Other places	Place unknown
		Total	Inpatient	Outpatient or emergency room	Dead on arrival	Status unknown				
All causes	2,122,553	1,320,184	1,056,847	179,471	72,920	10,946	347,559	369,788	81,180	3,842
Under 1 year	38,001	34,814	26,115	4,469	1,907	323	38	2,595	509	45
1-4 years	6,871	5,424	3,160	1,614	601	49	49	997	385	16
5-14 years	8,348	5,776	3,319	1,753	642	62	68	1,336	1,128	40
15-24 years	36,525	20,912	9,465	7,469	3,768	210	191	4,465	10,591	366
25-44 years	142,645	90,027	59,463	19,944	9,679	941	2,531	27,503	21,803	781
45-64 years	367,364	256,299	192,730	44,245	17,155	2,169	14,067	79,886	16,377	735
65-74 years	472,520	323,745	263,293	42,299	15,586	2,567	41,383	94,836	11,904	652
75-84 years	593,370	365,614	308,548	39,025	15,163	2,878	115,431	100,178	11,422	725
85 years and over	456,358	217,411	188,665	18,604	8,403	1,739	173,781	57,898	6,796	472
Not stated	551	162	89	49	16	8	20	94	265	10
Tuberculosis (010-018)	1,789	1,534	1,415	72	30	17	90	134	29	2
Under 1 year	2	2	2	-	-	-	-	-	-	-
1-4 years	5	5	5	-	-	-	-	-	-	-
5-14 years	4	2	1	-	-	1	-	-	2	-
15-24 years	23	22	20	1	1	-	1	-	-	-
25-44 years	321	298	274	17	3	4	3	16	4	-
45-64 years	454	394	351	27	11	5	3	47	9	1
65-74 years	373	323	295	17	8	3	14	29	7	-
75-84 years	400	333	319	8	3	3	35	28	4	-
85 years and over	207	155	148	2	4	1	34	14	3	1
Not stated	-	-	-	-	-	-	-	-	-	-
Syphilis (090-097)	105	73	60	5	8	-	21	8	3	-
Under 1 year	25	24	24	-	-	-	-	1	-	-
1-4 years	1	-	-	-	-	-	1	-	-	-
5-14 years	-	-	-	-	-	-	-	-	-	-
15-24 years	2	2	-	-	2	-	-	-	-	-
25-44 years	15	13	9	3	1	-	-	-	2	-
45-64 years	16	11	11	-	-	-	3	2	-	-
65-74 years	9	7	6	-	1	-	1	-	1	-
75-84 years	24	13	8	2	3	-	7	4	-	-
85 years and over	13	3	2	-	1	-	9	1	-	-
Not stated	-	-	-	-	-	-	-	-	-	-
Residual of infectious and parasitic diseases (001-009,020-041,*042-*044,045-088,098-139)	53,265	41,981	39,560	1,434	542	445	4,243	5,900	1,090	51
Under 1 year	807	769	634	102	30	3	-	30	7	1
1-4 years	409	378	301	65	8	4	2	24	5	-
5-14 years	269	250	209	30	6	5	3	15	1	-
15-24 years	887	746	684	37	17	8	28	95	15	3
25-44 years	21,396	15,789	14,775	548	279	187	864	3,979	742	22
45-64 years	9,640	7,750	7,339	225	100	86	415	1,237	227	11
65-74 years	5,913	5,291	5,117	103	23	48	375	209	36	2
75-84 years	7,642	6,419	6,148	158	41	72	1,011	179	27	6
85 years and over	6,284	4,575	4,339	166	38	32	1,544	131	28	6
Not stated	18	14	14	-	-	-	1	1	2	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	499,427	290,826	270,087	11,106	7,271	2,362	66,501	128,677	12,661	762
Under 1 year	91	73	70	2	1	-	1	14	3	-
1-4 years	518	347	314	23	9	1	-	157	14	-
5-14 years	1,097	718	661	33	18	6	4	348	26	1
15-24 years	1,819	1,361	1,269	61	23	8	18	399	36	5
25-44 years	21,446	15,088	14,094	589	298	107	682	5,105	543	28
45-64 years	133,232	86,885	80,106	3,834	2,252	693	6,959	36,163	3,066	159
65-74 years	155,596	93,477	87,104	3,432	2,167	774	15,613	42,217	4,046	243
75-84 years	133,335	70,658	65,866	2,396	1,823	573	25,355	33,445	3,627	250
85 years and over	52,267	22,204	20,589	735	680	200	17,866	10,822	1,299	76
Not stated	26	15	14	1	-	-	3	7	1	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	119,467	66,286	61,835	2,237	1,622	592	16,202	33,516	3,256	207
Under 1 year	8	7	7	-	-	-	-	1	-	-
1-4 years	26	17	16	-	1	-	-	8	1	-
5-14 years	15	8	8	-	-	-	-	7	-	-
15-24 years	106	70	68	2	-	-	1	27	8	-
25-44 years	3,282	2,250	2,106	88	36	20	71	875	83	3
45-64 years	27,735	17,648	16,400	645	457	146	1,085	8,292	668	42
65-74 years	36,292	21,088	19,692	731	463	202	3,135	11,022	998	49
75-84 years	35,495	18,264	17,047	580	473	164	6,386	9,700	1,063	82
85 years and over	16,502	6,930	6,487	191	192	60	5,524	3,582	435	31
Not stated	6	4	4	-	-	-	-	2	-	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	144,465	86,937	79,671	4,123	2,484	659	16,087	37,576	3,674	191
Under 1 year	4	3	3	-	-	-	-	-	1	-
1-4 years	3	3	2	1	-	-	-	-	-	-
5-14 years	14	10	10	-	-	-	-	3	1	-
15-24 years	40	32	30	2	-	-	-	8	-	-
25-44 years	3,012	2,151	1,945	128	64	14	71	703	84	3
45-64 years	46,780	30,727	27,888	1,688	903	248	2,501	12,456	1,044	52
65-74 years	53,075	32,316	29,744	1,435	897	240	5,174	14,127	1,377	81
75-84 years	33,989	18,352	16,970	735	517	130	6,028	8,602	962	45
85 years and over	7,543	3,341	3,077	134	103	27	2,311	1,676	205	10
Not stated	5	2	2	-	-	-	2	1	-	-

Table 1-30. Deaths From 34 Selected Causes by Place of Death, Status of Decedent When Death Occurred in Hospital or Medical Center, and Age: Total of 49 Reporting States and the District of Columbia, 1990—Con.

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[Includes all deaths occurring in the reporting areas. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For discussion of place of death and status of decedent and list of States reporting status of decedent; see Technical Appendix]

Cause of death and age	Total	In hospital or medical center					Nursing home	Residence	Other places	Place unknown
		Total	Inpatient	Outpatient or emergency room	Dead on arrival	Status unknown				
Malignant neoplasms, etc.-Con.										
Malignant neoplasm of breast (174-175)	43,210	24,391	22,685	909	594	203	6,681	10,904	1,163	71
Under 1 year	-	-	-	-	-	-	-	-	-	-
1-4 years	-	-	-	-	-	-	-	-	-	-
5-14 years	-	-	-	-	-	-	-	-	-	-
15-24 years	16	13	13	-	-	-	-	3	-	-
25-44 years	3,967	2,781	2,632	87	50	12	107	961	109	9
45-64 years	14,533	9,445	8,769	365	218	93	789	3,943	345	11
65-74 years	11,305	6,451	6,033	241	135	42	1,486	3,020	327	21
75-84 years	9,115	4,281	3,966	152	128	35	2,409	2,134	265	26
85 years and over	4,272	1,419	1,271	64	63	21	1,890	842	117	4
Not stated	2	1	1	-	-	-	-	1	-	-
Malignant neoplasms of genital organs (179-187)	56,832	30,561	28,388	1,103	805	265	9,302	15,415	1,466	88
Under 1 year	2	-	-	-	-	-	1	-	1	-
1-4 years	-	-	-	-	-	-	-	-	-	-
5-14 years	6	5	4	1	-	-	-	1	-	-
15-24 years	105	77	73	2	2	-	1	24	3	-
25-44 years	2,070	1,391	1,290	58	31	12	54	565	56	4
45-64 years	9,988	6,263	5,838	238	136	51	505	2,942	267	11
65-74 years	16,768	9,582	8,941	326	231	84	1,771	4,960	432	23
75-84 years	19,163	9,632	8,937	336	278	81	3,875	5,138	480	38
85 years and over	8,727	3,611	3,305	142	127	37	3,094	1,784	226	12
Not stated	3	-	-	-	-	-	1	1	1	-
Malignant neoplasms of urinary organs (188-189)	20,417	11,076	10,341	382	269	84	3,289	5,504	517	31
Under 1 year	-	-	-	-	-	-	-	-	-	-
1-4 years	22	12	11	1	-	-	-	9	1	-
5-14 years	32	17	17	-	-	-	-	14	1	-
15-24 years	24	17	15	-	2	-	-	7	-	-
25-44 years	485	303	272	13	13	5	18	143	20	1
45-64 years	4,517	2,801	2,605	110	64	22	236	1,381	92	7
65-74 years	5,941	3,387	3,173	114	72	28	663	1,719	160	12
75-84 years	6,364	3,278	3,078	105	75	20	1,292	1,610	178	6
85 years and over	3,031	1,260	1,169	39	43	9	1,080	621	65	5
Not stated	1	1	1	-	-	-	-	-	-	-
Leukemia (204-208)	18,385	14,215	13,600	355	163	97	1,526	2,380	245	19
Under 1 year	25	20	20	-	-	-	-	4	1	-
1-4 years	172	121	110	7	3	1	-	47	4	-
5-14 years	386	285	268	9	2	6	-	96	5	-
15-24 years	540	479	462	12	3	2	-	55	6	-
25-44 years	1,532	1,388	1,347	30	4	7	11	120	12	1
45-64 years	3,613	3,147	3,017	77	31	22	42	384	39	1
65-74 years	4,708	3,889	3,742	89	30	28	188	567	60	4
75-84 years	5,053	3,583	3,416	89	60	18	601	773	86	10
85 years and over	2,354	1,301	1,216	42	30	13	684	334	32	3
Not stated	2	2	2	-	-	-	-	-	-	-
Other malignant neoplasms (140-149,170-173,190-203)	96,651	57,360	53,567	1,997	1,334	462	13,414	23,382	2,340	155
Under 1 year	52	43	40	2	1	-	-	9	-	-
1-4 years	295	194	175	14	5	-	-	93	8	-
5-14 years	644	393	354	23	16	-	4	227	19	1
15-24 years	988	673	608	43	16	6	16	275	19	5
25-44 years	7,098	4,824	4,502	185	100	37	350	1,738	179	7
45-64 years	26,066	16,854	15,589	711	443	111	1,801	6,765	611	35
65-74 years	27,507	16,764	15,779	496	339	150	3,196	6,802	692	53
75-84 years	24,156	13,268	12,452	399	292	125	4,764	5,488	593	43
85 years and over	9,838	4,342	4,064	123	122	33	3,283	1,983	219	11
Not stated	7	5	4	1	-	-	-	2	-	-
Diabetes mellitus (250)	47,229	30,460	23,820	4,774	1,632	234	8,790	7,147	771	61
Under 1 year	4	3	3	-	-	-	-	1	-	-
1-4 years	7	7	5	2	-	-	-	-	-	-
5-14 years	23	21	16	3	2	-	-	2	-	-
15-24 years	115	81	53	21	6	1	2	25	7	-
25-44 years	2,165	1,555	1,104	322	119	10	57	467	78	8
45-64 years	9,706	7,200	5,135	1,506	506	53	540	1,757	194	15
65-74 years	13,180	9,300	7,225	1,505	492	78	1,546	2,098	216	20
75-84 years	14,398	8,748	7,219	1,095	371	63	3,456	1,989	192	13
85 years and over	7,627	3,544	3,059	320	136	29	3,189	806	84	4
Not stated	4	1	1	-	-	-	-	2	-	1
Major cardiovascular diseases (390-448)	904,041	555,675	401,154	110,945	39,078	4,498	177,038	150,971	19,319	1,038
Under 1 year	949	891	704	138	40	9	-	44	14	-
1-4 years	330	298	206	62	30	-	7	23	2	-
5-14 years	400	359	222	107	28	2	3	29	9	-
15-24 years	1,227	1,034	572	355	96	11	11	130	47	5
25-44 years	19,089	14,782	7,355	5,385	1,884	158	179	3,164	933	31
45-64 years	126,642	94,028	53,216	30,023	9,968	821	3,037	24,763	4,598	216
65-74 years	196,588	141,698	99,039	31,194	10,372	1,093	13,766	36,346	4,547	231
75-84 years	292,541	183,453	142,061	29,431	10,521	1,440	54,376	49,352	5,074	286
85 years and over	266,156	119,088	97,756	14,234	6,136	962	105,648	37,073	4,079	268
Not stated	119	44	23	16	3	2	11	47	16	1

Table 1-30. Deaths From 34 Selected Causes by Place of Death, Status of Decedent When Death Occurred in Hospital or Medical Center, and Age: Total of 49 Reporting States and the District of Columbia, 1990—Con.

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[Includes all deaths occurring in the reporting areas. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For discussion of place of death and status of decedent and list of States reporting status of decedent; see Technical Appendix]

Cause of death and age	Total	In hospital or medical center					Nursing home	Residence	Other places	Place unknown
		Total	Inpatient	Outpatient or emergency room	Dead on arrival	Status unknown				
Major cardiovascular diseases-Con.										
Diseases of heart (390-398,402,404-429)	710,746	435,290	293,899	101,869	35,923	3,599	123,105	134,060	17,408	883
Under 1 year	781	729	559	124	37	9	-	38	14	-
1-4 years	276	250	168	55	27	-	7	17	2	-
5-14 years	310	271	154	90	25	2	2	28	9	-
15-24 years	919	752	346	317	82	7	6	116	41	4
25-44 years	14,921	11,119	4,322	4,925	1,748	124	112	2,817	844	29
45-64 years	106,507	76,797	38,224	28,403	9,502	668	1,973	23,172	4,367	198
65-74 years	159,605	112,785	73,274	28,878	9,751	882	9,093	33,308	4,218	201
75-84 years	226,667	141,680	104,421	26,606	9,512	1,141	36,598	43,660	4,494	235
85 years and over	200,659	90,871	72,414	12,456	5,236	765	75,306	30,861	3,405	216
Not stated	101	36	17	15	3	1	8	43	14	-
Rheumatic fever and rheumatic heart disease (390-398)	5,982	4,361	3,669	496	175	21	607	912	94	8
Under 1 year	7	7	7	-	-	-	-	-	-	-
1-4 years	2	2	1	-	1	-	-	-	-	-
5-14 years	8	7	6	-	1	-	-	1	-	-
15-24 years	36	29	14	13	1	1	-	7	-	-
25-44 years	358	284	173	85	24	2	3	57	14	-
45-64 years	1,225	996	768	166	59	3	22	185	22	-
65-74 years	1,607	1,264	1,114	103	39	8	84	233	22	4
75-84 years	1,864	1,308	1,162	98	42	6	233	297	23	3
85 years and over	875	464	424	31	8	1	265	132	13	1
Not stated	-	-	-	-	-	-	-	-	-	-
Hypertensive heart disease with or without renal disease (402,404)	23,336	12,132	6,855	3,577	1,594	106	3,711	6,535	923	35
Under 1 year	1	1	1	-	-	-	-	-	-	-
1-4 years	1	1	1	-	-	-	-	-	-	-
5-14 years	2	2	1	1	-	-	-	-	-	-
15-24 years	22	17	9	6	1	1	-	3	2	-
25-44 years	831	537	149	257	121	10	2	222	69	1
45-64 years	4,488	2,755	938	1,238	552	27	85	1,371	268	9
65-74 years	5,235	2,963	1,541	970	425	27	311	1,715	241	5
75-84 years	6,883	3,542	2,435	761	317	29	1,170	1,954	207	10
85 years and over	5,868	2,313	1,780	343	178	12	2,142	1,267	136	10
Not stated	5	1	-	1	-	-	1	3	-	-
Ischemic heart disease (410-414)	482,658	301,226	202,704	72,567	23,573	2,382	82,016	87,462	11,404	550
Under 1 year	26	25	20	3	2	-	-	-	1	-
1-4 years	9	8	6	1	1	-	1	-	-	-
5-14 years	19	16	9	6	1	-	-	1	2	-
15-24 years	112	87	26	39	19	3	-	14	10	1
25-44 years	7,458	5,514	1,639	2,819	1,008	48	47	1,447	437	13
45-64 years	70,955	52,086	25,725	19,883	6,064	414	1,268	14,593	2,880	128
65-74 years	111,831	80,798	52,454	21,196	6,552	596	6,064	22,011	2,826	132
75-84 years	158,202	101,078	74,143	19,664	6,479	792	24,556	29,398	3,007	163
85 years and over	134,007	61,599	48,673	8,951	3,446	529	50,074	19,987	2,234	113
Not stated	39	15	9	5	1	-	6	11	7	-
Other heart diseases (415-429)	198,770	117,571	80,671	25,229	10,581	1,090	36,771	39,151	4,987	290
Under 1 year	747	696	531	121	35	9	-	38	13	-
1-4 years	264	239	160	54	25	-	6	17	2	-
5-14 years	281	246	138	83	23	2	2	26	7	-
15-24 years	749	619	297	259	61	2	6	92	29	3
25-44 years	6,274	4,784	2,361	1,764	595	64	60	1,091	324	15
45-64 years	29,839	20,960	10,793	7,116	2,827	224	598	7,023	1,197	61
65-74 years	40,932	27,760	18,165	6,609	2,735	251	2,634	9,349	1,129	60
75-84 years	59,718	35,752	26,681	6,083	2,674	314	10,639	12,011	1,257	59
85 years and over	59,909	26,495	21,537	3,131	1,604	223	22,825	9,475	1,022	92
Not stated	57	20	8	9	2	1	1	29	7	-
Hypertension with or without renal disease (401,403)	9,084	5,106	3,906	822	326	52	1,951	1,862	157	8
Under 1 year	5	5	4	-	1	-	-	-	-	-
1-4 years	1	1	1	-	-	-	-	-	-	-
5-14 years	2	2	1	1	-	-	-	-	-	-
15-24 years	10	9	8	-	-	1	-	1	-	-
25-44 years	227	169	113	35	17	4	6	45	7	-
45-64 years	1,287	919	585	238	82	14	50	289	28	1
65-74 years	1,969	1,244	927	236	74	7	199	487	37	2
75-84 years	2,976	1,657	1,343	192	106	16	646	614	56	3
85 years and over	2,605	1,100	924	120	46	10	1,050	426	28	1
Not stated	2	-	-	-	-	-	-	-	1	1
Cerebrovascular diseases (430-438)	142,131	87,900	80,956	4,384	1,909	651	41,967	10,870	1,287	107
Under 1 year	147	141	126	13	2	-	-	6	-	-
1-4 years	46	40	33	4	3	-	-	6	-	-
5-14 years	71	69	60	8	1	-	1	1	-	-
15-24 years	236	213	181	20	10	2	5	12	5	1
25-44 years	3,332	2,951	2,574	266	86	25	59	254	66	2
45-64 years	14,685	12,751	11,704	701	244	102	898	887	139	10
65-74 years	25,774	19,957	18,511	981	314	151	3,872	1,716	210	19
75-84 years	49,223	30,670	28,441	1,383	625	221	14,462	3,668	387	36
85 years and over	48,605	21,101	19,320	1,008	624	149	22,668	4,317	480	39
Not stated	12	7	6	-	-	1	2	3	-	-

Table 1-30. Deaths From 34 Selected Causes by Place of Death, Status of Decedent When Death Occurred in Hospital or Medical Center, and Age: Total of 49 Reporting States and the District of Columbia, 1990—Con.

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[Includes all deaths occurring in the reporting areas. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For discussion of place of death and status of decedent and list of States reporting status of decedent; see Technical Appendix]

Cause of death and age	Total	In hospital or medical center					Nursing home	Residence	Other places	Place unknown
		Total	Inpatient	Outpatient or emergency room	Dead on arrival	Status unknown				
Major cardiovascular diseases-Con.										
Atherosclerosis (440)	17,682	6,947	5,488	956	462	41	7,885	2,551	282	17
Under 1 year	1	1	1	-	-	-	-	-	-	-
1-4 years	-	-	-	-	-	-	-	-	-	-
5-14 years	1	1	-	1	-	-	-	-	-	-
15-24 years	1	1	1	-	-	-	-	-	-	-
25-44 years	45	37	12	20	5	-	-	5	3	-
45-64 years	823	540	343	137	57	3	74	183	26	-
65-74 years	2,184	1,302	979	219	98	6	412	427	39	4
75-84 years	5,218	2,331	1,867	314	136	14	1,974	823	84	6
85 years and over	9,406	2,734	2,285	265	166	18	5,424	1,112	129	7
Not stated	3	-	-	-	-	-	1	1	1	-
Other diseases of arteries, arterioles, and capillaries (441-448)	24,398	20,432	16,905	2,914	458	155	2,130	1,628	185	23
Under 1 year	15	15	14	1	-	-	-	-	-	-
1-4 years	7	7	4	3	-	-	-	-	-	-
5-14 years	16	16	7	7	2	-	-	-	-	-
15-24 years	61	59	36	18	4	1	-	1	1	-
25-44 years	564	506	334	139	28	5	2	43	13	-
45-64 years	3,340	3,021	2,360	544	83	34	42	232	38	7
65-74 years	7,056	6,410	5,348	880	135	47	190	408	43	5
75-84 years	8,457	7,115	5,989	936	142	48	696	587	53	6
85 years and over	4,881	3,282	2,813	385	64	20	1,200	357	37	5
Not stated	1	1	-	1	-	-	-	-	-	-
Pneumonia and influenza (480-487)	78,307	53,922	51,007	1,821	636	458	20,750	2,998	572	65
Under 1 year	632	535	288	170	69	8	-	76	18	3
1-4 years	168	148	93	44	11	-	3	12	4	1
5-14 years	132	100	74	21	4	1	4	27	1	-
15-24 years	231	200	172	19	8	1	7	15	7	2
25-44 years	2,159	1,796	1,543	145	72	36	52	235	72	4
45-64 years	5,602	4,811	4,426	255	82	48	319	388	79	5
65-74 years	10,536	8,784	8,446	207	60	71	1,312	381	50	9
75-84 years	24,975	18,006	17,309	445	121	131	6,122	704	127	16
85 years and over	33,865	19,538	18,654	515	208	161	12,929	1,159	214	25
Not stated	7	4	2	-	1	1	2	1	-	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	85,434	58,014	49,501	6,012	2,087	414	13,697	12,396	1,260	67
Under 1 year	55	42	11	22	8	1	-	10	3	-
1-4 years	55	47	16	19	12	-	-	6	2	-
5-14 years	115	107	39	55	10	3	-	5	2	1
15-24 years	175	161	51	79	29	2	1	10	3	-
25-44 years	897	709	307	311	81	10	12	133	41	2
45-64 years	12,406	9,406	7,340	1,523	480	63	579	2,164	248	9
65-74 years	27,112	19,953	17,190	1,948	681	134	2,559	4,195	382	23
75-84 years	31,676	20,724	18,368	1,622	591	143	6,129	4,378	422	23
85 years and over	12,936	6,861	6,177	433	195	56	4,417	1,494	155	9
Not stated	7	4	2	-	-	2	-	1	2	-
Ulcer of stomach and duodenum (531-533)	6,118	5,203	4,784	301	76	42	459	403	49	4
Under 1 year	9	9	9	-	-	-	-	-	-	-
1-4 years	3	3	3	-	-	-	-	-	-	-
5-14 years	4	4	4	-	-	-	-	-	-	-
15-24 years	11	8	7	-	1	-	-	3	-	-
25-44 years	182	139	94	29	13	3	2	34	6	1
45-64 years	823	669	571	69	20	9	10	118	24	2
65-74 years	1,344	1,211	1,107	81	14	9	34	94	5	-
75-84 years	2,005	1,754	1,663	64	13	14	153	90	7	1
85 years and over	1,736	1,406	1,326	58	15	7	260	63	7	-
Not stated	1	-	-	-	-	-	-	1	-	-
Chronic liver disease and cirrhosis (571)	25,620	20,018	18,280	1,053	534	151	1,597	3,428	541	36
Under 1 year	16	15	12	1	2	-	-	1	-	-
1-4 years	7	6	6	-	-	-	-	1	-	-
5-14 years	7	5	5	-	-	-	-	2	-	-
15-24 years	46	38	32	4	1	1	-	6	1	1
25-44 years	4,486	3,602	3,047	357	186	12	38	648	188	10
45-64 years	10,736	8,712	7,960	467	217	68	275	1,508	226	15
65-74 years	6,226	4,836	4,579	138	81	38	529	787	67	7
75-84 years	3,387	2,387	2,253	71	36	27	565	390	42	3
85 years and over	695	414	384	14	11	5	190	80	11	-
Not stated	14	3	2	1	-	-	-	5	6	-
Nephritis, nephrotic syndrome, and nephrosis (580-589)	20,416	15,188	14,130	666	258	134	3,470	1,524	208	26
Under 1 year	150	144	138	4	-	2	-	5	-	1
1-4 years	24	21	17	4	-	-	1	2	-	-
5-14 years	19	15	10	4	1	-	-	4	-	-
15-24 years	55	49	38	8	3	-	2	4	-	-
25-44 years	738	643	530	84	23	6	8	73	12	2
45-64 years	2,434	2,093	1,846	167	57	23	121	190	28	2
65-74 years	4,248	3,456	3,220	148	58	30	430	329	30	3
75-84 years	6,868	5,072	4,792	160	71	49	1,205	506	75	10
85 years and over	5,880	3,695	3,539	87	45	24	1,703	411	63	8
Not stated	-	-	-	-	-	-	-	-	-	-

Table 1-30. Deaths From 34 Selected Causes by Place of Death, Status of Decedent When Death Occurred in Hospital or Medical Center, and Age: Total of 49 Reporting States and the District of Columbia, 1990—Con.

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[Includes all deaths occurring in the reporting areas. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For discussion of place of death and status of decedent and list of States reporting status of decedent; see Technical Appendix]

Cause of death and age	Total	In hospital or medical center					Nursing home	Residence	Other places	Place unknown
		Total	Inpatient	Outpatient or emergency room	Dead on arrival	Status unknown				
Complications of pregnancy, childbirth, and the puerperium (630-676)	342	328	259	50	16	3	2	11	1	-
Under 1 year	...	...	...	...	...	...	...	...	...	-
1-4 years	...	...	...	...	...	...	...	...	...	-
5-14 years	-	-	-	-	-	-	-	-	-	-
15-24 years	106	104	84	15	4	1	-	2	-	-
25-44 years	233	222	174	35	11	2	2	8	1	-
45-64 years	3	2	1	-	1	-	-	1	-	-
65-74 years	...	...	...	...	...	...	...	...	...	-
75-84 years	...	...	...	...	...	...	...	...	...	-
85 years and over	...	...	...	...	...	...	...	...	...	-
Not stated	-	-	-	-	-	-	-	-	-	-
Congenital anomalies (740-759)	13,003	11,478	9,973	1,053	343	109	327	1,025	160	13
Under 1 year	8,177	7,729	7,140	390	134	65	16	372	54	6
1-4 years	902	791	582	149	51	9	9	86	14	2
5-14 years	468	399	286	92	17	4	8	53	8	-
15-24 years	492	409	232	125	45	7	9	57	17	-
25-44 years	920	685	456	168	50	11	33	163	37	2
45-64 years	771	582	481	70	25	6	67	102	19	1
65-74 years	541	414	368	34	8	4	43	78	5	1
75-84 years	470	313	287	17	7	2	71	81	4	1
85 years and over	258	152	137	8	6	1	71	33	2	-
Not stated	4	4	4	-	-	-	-	-	-	-
Certain conditions originating in the perinatal period (760-779)	17,542	17,385	16,778	346	82	179	13	103	29	12
Under 1 year	17,353	17,236	16,676	309	75	176	8	74	24	11
1-4 years	131	109	72	28	7	2	3	15	4	-
5-14 years	29	20	11	8	-	1	-	9	-	-
15-24 years	5	3	3	-	-	-	-	2	-	-
25-44 years	8	6	5	1	-	-	1	1	-	-
45-64 years	3	2	2	-	-	-	1	-	-	-
65-74 years	1	-	-	-	-	-	-	1	-	-
75-84 years	1	1	1	-	-	-	-	-	-	-
85 years and over	4	4	4	-	-	-	-	-	-	-
Not stated	7	4	4	-	-	-	-	1	1	1
Symptoms, signs, and ill-defined conditions (780-799)	23,733	11,951	4,258	5,129	2,426	138	2,310	7,674	1,752	46
Under 1 year	6,317	4,481	545	2,623	1,279	34	8	1,582	233	13
1-4 years	266	211	64	95	48	4	1	45	9	-
5-14 years	121	76	25	45	5	1	3	29	13	-
15-24 years	693	374	91	212	61	10	3	188	125	3
25-44 years	3,629	1,608	531	795	244	38	22	1,324	663	12
45-64 years	3,010	1,369	579	533	236	21	46	1,282	305	8
65-74 years	2,552	1,205	674	345	178	8	144	1,058	143	2
75-84 years	3,342	1,503	967	307	216	13	516	1,214	106	3
85 years and over	3,719	1,114	778	169	159	8	1,567	946	88	4
Not stated	84	10	4	5	-	1	-	6	67	1
All other diseases (Residual)	197,182	129,429	116,379	8,434	3,553	1,063	45,299	19,405	2,833	216
Under 1 year	2,117	1,891	1,460	316	96	19	4	169	50	3
1-4 years	1,114	922	623	211	72	16	17	148	27	-
5-14 years	1,252	948	714	166	56	12	37	235	32	-
15-24 years	2,030	1,557	1,206	250	83	18	62	317	86	8
25-44 years	12,058	9,160	7,296	1,238	524	102	392	1,896	571	39
45-64 years	26,966	21,112	18,352	1,751	819	190	1,472	3,766	590	26
65-74 years	35,997	27,010	24,732	1,486	587	205	4,751	3,801	410	25
75-84 years	59,405	37,960	35,197	1,748	729	286	15,614	5,174	599	58
85 years and over	56,220	28,857	26,792	1,264	586	215	22,947	3,896	463	57
Not stated	23	12	7	4	1	-	3	3	5	-
Motor vehicle accidents (E810-E825)	46,467	26,716	10,029	10,512	5,979	196	186	636	18,271	658
Under 1 year	192	147	60	56	30	1	-	5	39	1
1-4 years	909	693	221	340	130	2	-	30	181	5
5-14 years	2,035	1,405	569	581	245	10	-	27	580	23
15-24 years	12,523	6,686	2,454	2,547	1,632	53	20	149	5,481	187
25-44 years	16,389	8,527	2,716	3,480	2,256	75	37	203	7,375	247
45-64 years	7,234	4,085	1,433	1,669	960	23	37	104	2,895	113
65-74 years	3,325	2,231	989	834	390	18	28	59	963	44
75-84 years	2,887	2,183	1,137	761	275	10	38	42	592	32
85 years and over	930	745	447	237	57	4	26	17	136	6
Not stated	43	14	3	7	4	-	-	-	29	-
All other accidents and adverse effects (E800-E807,E826-E949)	44,836	27,393	18,073	5,971	3,105	244	2,583	6,917	7,643	300
Under 1 year	726	509	174	229	102	4	1	170	41	5
1-4 years	1,621	1,137	485	466	178	8	5	370	101	8
5-14 years	1,556	940	334	415	179	12	5	301	302	8
15-24 years	3,655	1,745	624	691	420	10	14	487	1,362	47
25-44 years	11,157	5,151	1,967	1,916	1,215	53	104	2,266	3,512	124
45-64 years	7,299	4,161	2,548	1,003	573	37	145	1,407	1,521	65
65-74 years	4,993	3,536	2,821	469	206	40	219	783	431	24
75-84 years	7,039	5,356	4,670	485	153	48	734	700	238	11
85 years and over	6,720	4,848	4,446	294	77	31	1,356	425	85	6
Not stated	70	10	4	3	2	1	-	8	50	2

Table 1-30. Deaths From 34 Selected Causes by Place of Death, Status of Decedent When Death Occurred in Hospital or Medical Center, and Age: Total of 49 Reporting States and the District of Columbia, 1990—Con.

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[Includes all deaths occurring in the reporting areas. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For discussion of place of death and status of decedent and list of States reporting status of decedent; see Technical Appendix]

Cause of death and age	Total	In hospital or medical center					Nursing home	Residence	Other places	Place unknown
		Total	Inpatient	Outpatient or emergency room	Dead on arrival	Status unknown				
Suicide (E950-E959)	30,572	8,336	2,811	3,043	2,400	82	110	15,358	6,522	246
Under 1 year	...	...	...	...	...	...	...	...	...	-
1-4 years	...	...	...	...	...	...	...	...	...	-
5-14 years	258	114	42	45	27	-	-	118	26	-
15-24 years	4,803	1,613	568	594	435	16	8	1,897	1,234	51
25-44 years	12,152	3,488	1,158	1,287	1,004	39	24	5,446	3,082	112
45-64 years	7,035	1,646	531	562	540	13	18	3,829	1,484	58
65-74 years	3,186	768	273	281	205	9	12	1,992	400	14
75-84 years	2,466	562	191	214	154	3	30	1,635	230	9
85 years and over	663	144	48	60	34	2	18	438	61	2
Not stated	9	1	-	-	1	-	-	3	5	-
Homicide and legal intervention (E960-E978)	24,744	13,209	4,031	6,389	2,622	167	50	4,333	6,934	218
Under 1 year	326	270	148	92	29	1	-	36	20	-
1-4 years	370	273	130	97	43	3	-	75	22	-
5-14 years	506	264	88	131	41	4	1	120	115	6
15-24 years	7,316	4,548	1,242	2,376	869	61	3	617	2,096	52
25-44 years	11,979	6,277	1,841	3,066	1,288	82	14	1,931	3,630	127
45-64 years	2,916	1,202	417	513	262	10	13	895	780	26
65-74 years	673	189	78	65	43	3	4	336	142	2
75-84 years	425	125	60	33	31	1	10	239	48	3
85 years and over	136	40	23	4	12	1	5	77	14	-
Not stated	97	21	4	12	4	1	-	7	67	2
All other external causes (E980-E999)	2,381	1,065	458	355	242	10	23	740	532	21
Under 1 year	53	44	17	15	12	-	-	5	3	1
1-4 years	31	28	17	9	2	-	-	3	-	-
5-14 years	53	29	9	17	3	-	-	12	11	1
15-24 years	311	171	63	74	32	2	2	62	74	2
25-44 years	1,226	489	187	168	128	6	5	411	311	10
45-64 years	436	179	85	48	46	-	7	163	84	3
65-74 years	127	56	30	12	12	2	3	43	23	2
75-84 years	84	44	32	8	4	-	4	28	8	-
85 years and over	42	24	17	4	3	-	2	12	4	-
Not stated	18	1	1	-	-	-	-	1	14	2

Table 1-31. Deaths by Place of Death and Status of Decedent When Death Occurred in Hospital or Medical Center: 49 Reporting States and the District of Columbia, 1990

[Includes all deaths occurring in the reporting areas. For discussion of place of death and status of decedent and list of States reporting status of decedent; see Technical Appendix]

State of occurrence	Total	In hospital or medical center					Nursing home	Residence	Other places	Place unknown
		Total	Inpatient	Outpatient or emergency room	Dead on arrival	Status unknown				
All reporting areas	2,122,553	1,320,184	1,056,847	179,471	72,920	10,946	347,559	369,788	81,180	3,842
Alabama	39,067	24,846	20,584	3,277	619	366	3,837	9,235	1,149	-
Alaska	2,216	1,105	775	264	66	-	217	552	295	47
Arizona	29,434	16,517	13,190	2,742	585	-	5,344	-	7,572	1
Arkansas	24,569	16,035	13,787	1,776	471	1	3,252	4,442	817	23
California	214,918	123,084	97,112	24,858	677	437	38,802	42,749	10,283	-
Colorado	21,963	10,906	8,662	2,074	170	-	5,084	4,624	1,349	-
Connecticut	27,705	15,868	11,851	2,035	656	1,326	5,679	4,470	1,430	258
Delaware	5,891	4,071	2,771	568	732	-	986	741	93	-
District of Columbia	9,192	7,455	6,111	1,084	119	141	345	1,073	316	3
Florida	135,507	78,924	65,754	11,112	1,832	226	19,783	30,751	6,042	7
Georgia	52,471	42,459	27,186	4,820	10,453	-	4,049	4,351	1,608	4
Hawaii	7,055	4,747	3,708	749	276	14	368	1,558	373	9
Idaho	7,223	3,044	2,475	459	110	-	1,885	1,903	391	-
Illinois	100,126	69,792	49,968	8,361	11,322	141	16,876	11,409	1,996	53
Indiana	50,227	29,110	24,413	3,984	655	58	11,092	8,581	1,395	49
Iowa	26,577	15,150	12,687	1,726	534	3	7,049	3,811	567	-
Kansas	21,634	12,440	10,616	1,355	469	-	5,258	3,348	588	-
Kentucky	34,502	21,756	18,687	2,139	908	22	4,286	7,292	1,061	107
Louisiana	38,027	25,678	20,552	3,709	1,367	50	3,898	-	8,451	-
Maine	11,067	6,268	5,429	719	120	-	2,495	1,959	344	1
Maryland	37,564	23,150	18,638	3,671	841	-	5,321	7,500	1,096	497
Massachusetts	53,854	35,176	29,616	3,595	1,965	-	8,926	9,128	599	25
Michigan	77,649	48,420	36,992	8,891	2,470	67	13,156	13,618	179	2,276
Minnesota	35,106	16,947	14,287	2,088	545	27	11,267	5,909	835	148
Mississippi	24,292	16,611	13,355	2,341	893	22	2,171	4,358	1,133	19
Missouri	51,786	31,575	26,911	3,486	1,127	51	10,105	8,871	1,235	-
Montana	6,833	3,408	2,826	457	125	-	1,762	1,299	364	-
Nebraska	15,006	8,314	7,081	968	265	-	4,235	2,151	306	-
Nevada	10,082	6,264	4,952	1,198	29	85	1,091	1,996	730	1
New Hampshire	8,394	4,826	3,947	767	112	-	1,883	1,453	231	1
New Jersey	68,561	47,991	41,106	4,718	2,167	-	6,116	13,272	1,174	8
New Mexico	10,572	5,792	4,576	1,075	141	-	1,619	2,187	974	-
New York	167,695	118,114	96,514	15,722	4,025	1,853	15,617	28,425	5,515	24
North Carolina	57,599	37,283	31,206	4,258	1,585	234	6,851	11,917	1,545	3
North Dakota	6,037	3,704	3,203	317	182	2	1,433	776	124	-
Ohio	98,651	60,105	46,533	9,089	4,144	339	19,614	17,371	1,561	-
Oregon	25,370	10,533	8,713	1,578	242	-	7,410	6,191	1,236	-
Pennsylvania	122,769	74,994	61,986	9,216	3,792	-	22,784	22,296	2,695	-
Rhode Island	9,689	5,627	3,707	625	351	944	2,094	1,762	206	-
South Carolina	28,894	18,196	15,028	2,454	714	-	3,199	5,890	1,609	-
South Dakota	6,385	3,482	3,033	325	123	1	1,765	803	335	-
Tennessee	49,363	36,614	27,445	3,146	5,841	182	5,901	6,358	488	2
Texas	127,048	82,555	67,197	11,362	3,698	298	17,053	22,164	5,045	231
Utah	9,512	4,447	3,381	759	285	22	2,257	2,507	301	-
Vermont	4,676	2,484	2,041	359	84	-	1,098	957	132	5
Virginia	47,452	30,206	21,859	2,911	1,501	3,935	6,933	8,763	1,547	3
Washington	37,098	16,375	14,984	1,284	19	88	10,177	8,702	1,807	37
West Virginia	19,537	14,218	10,808	1,542	1,868	-	1,950	2,993	376	-
Wisconsin	42,645	21,930	17,115	3,201	1,603	11	12,532	6,713	1,470	-
Wyoming	3,063	1,588	1,289	257	42	-	654	609	212	-

Table 1-32. Deaths by Place of Death, Status of Decedent When Death Occurred in Hospital or Medical Center, Age, Race, and Sex: Total of 49 States and the District of Columbia, 1990

(Page 1 of 2)

[Includes all deaths occurring in the reporting areas. For discussion of place of death; see Technical Appendix]

Race, age, and sex	Total	In hospital or medical center					Nursing home	Residence	Other places	Place unknown
		Total	Inpatient	Outpatient or emergency room	Dead on arrival	Status unknown				
All races	2,122,553	1,320,184	1,056,847	179,471	72,920	10,946	347,559	369,788	81,180	3,842
Under 1 year	38,001	34,814	28,115	4,469	1,907	323	38	2,595	509	45
1-4 years	6,871	5,424	3,160	1,614	601	49	49	997	385	16
5-14 years	8,348	5,776	3,319	1,753	642	62	68	1,336	1,128	40
15-24 years	36,525	20,912	9,465	7,469	3,768	210	191	4,465	10,591	366
25-44 years	142,645	90,027	59,463	19,944	9,679	941	2,531	27,503	21,803	781
45-64 years	367,364	256,299	192,730	44,245	17,155	2,169	14,067	79,886	16,377	735
65-74 years	472,520	323,745	263,293	42,299	15,586	2,567	41,383	94,836	11,904	652
75-84 years	593,370	365,614	308,548	39,025	15,163	2,878	115,431	100,178	11,422	725
85 years and over	456,358	217,411	188,665	18,604	8,403	1,739	173,781	57,898	6,796	472
Not stated	551	162	89	49	16	8	20	94	265	10
Male	1,100,812	719,679	553,383	114,690	45,632	5,974	120,441	203,489	54,921	2,282
Under 1 year	21,650	19,760	15,853	2,595	1,136	176	21	1,549	295	25
1-4 years	3,936	3,093	1,767	953	346	27	26	569	241	7
5-14 years	5,065	3,502	1,910	1,139	414	39	31	811	700	21
15-24 years	27,735	15,526	6,414	5,933	3,011	168	130	3,353	8,436	290
25-44 years	100,885	61,663	38,550	15,013	7,418	682	1,665	19,486	17,458	613
45-64 years	226,935	158,167	112,773	31,827	12,237	1,330	7,386	48,736	12,140	506
65-74 years	273,004	190,875	151,207	28,070	10,105	1,493	19,530	55,008	7,248	343
75-84 years	291,560	186,816	155,386	21,948	8,034	1,448	46,443	52,172	5,796	333
85 years and over	149,644	80,158	69,462	7,173	2,918	605	45,202	21,751	2,395	138
Not stated	398	119	61	39	13	6	7	54	212	6
Female	1,021,741	600,505	503,464	64,781	27,288	4,972	227,118	166,299	26,259	1,560
Under 1 year	16,351	15,054	12,262	1,874	771	147	17	1,046	214	20
1-4 years	2,935	2,331	1,393	661	255	22	23	428	144	9
5-14 years	3,283	2,274	1,409	614	228	23	37	525	428	19
15-24 years	8,790	5,386	3,051	1,536	757	42	61	1,112	2,155	76
25-44 years	41,760	28,364	20,913	4,931	2,261	259	866	8,017	4,345	168
45-64 years	140,429	98,132	79,957	12,418	4,918	839	6,681	31,150	4,237	229
65-74 years	199,516	132,870	112,086	14,229	5,481	1,074	21,853	39,828	4,656	309
75-84 years	301,810	178,798	153,162	17,077	7,129	1,430	68,988	48,006	5,626	392
85 years and over	306,714	137,253	119,203	11,431	5,485	1,134	128,579	36,147	4,401	334
Not stated	153	43	28	10	3	2	13	40	53	4
White	1,829,709	1,107,803	896,421	146,147	57,177	8,058	325,902	325,926	66,888	3,190
Under 1 year	24,612	22,340	18,169	2,847	1,148	176	31	1,909	309	23
1-4 years	4,822	3,746	2,230	1,085	396	35	36	758	273	9
5-14 years	6,196	4,210	2,524	1,219	434	33	55	1,072	828	31
15-24 years	26,765	14,446	6,768	4,988	2,568	122	152	3,570	8,296	301
25-44 years	102,953	61,312	40,594	13,610	6,574	534	1,976	22,213	16,873	579
45-64 years	297,762	203,251	153,278	35,436	13,088	1,449	11,904	68,481	13,533	593
65-74 years	411,257	278,600	227,433	36,326	12,886	1,955	37,235	84,515	10,341	566
75-84 years	534,234	324,460	275,044	34,248	12,869	2,299	108,174	90,801	10,148	651
85 years and over	420,733	195,346	170,335	16,359	7,200	1,452	166,324	52,554	6,078	431
Not stated	375	92	46	29	14	3	15	53	209	6
Male	939,415	602,379	467,708	94,340	35,943	4,388	111,318	179,134	44,710	1,874
Under 1 year	14,208	12,867	10,354	1,692	724	97	15	1,132	180	14
1-4 years	2,767	2,130	1,246	638	228	18	20	438	176	3
5-14 years	3,769	2,561	1,449	808	281	23	26	652	515	15
15-24 years	20,123	10,517	4,564	3,842	2,018	93	106	2,711	6,551	238
25-44 years	73,747	42,513	26,606	10,426	5,080	401	1,307	15,919	13,542	466
45-64 years	185,485	127,098	90,339	26,249	9,602	908	6,159	41,755	10,061	412
65-74 years	239,359	165,996	131,576	24,681	8,568	1,171	17,477	49,288	6,303	295
75-84 years	262,936	166,750	139,021	19,619	6,937	1,173	43,337	47,442	5,108	299
85 years and over	136,748	71,878	62,521	6,361	2,494	502	42,866	19,768	2,108	128
Not stated	273	69	32	24	11	2	5	29	166	4
Female	890,294	505,424	428,713	51,807	21,234	3,670	214,584	146,792	22,178	1,316
Under 1 year	10,404	9,473	7,815	1,155	424	79	16	777	129	9
1-4 years	2,055	1,616	984	447	168	17	16	320	97	6
5-14 years	2,427	1,649	1,075	411	153	10	29	420	313	16
15-24 years	6,642	3,929	2,204	1,146	550	29	46	859	1,745	63
25-44 years	29,206	18,799	13,988	3,184	1,494	133	669	6,294	3,331	113
45-64 years	112,277	76,153	62,939	9,187	3,486	541	5,745	26,726	3,472	181
65-74 years	171,898	112,604	95,857	11,645	4,318	784	19,758	35,227	4,038	271
75-84 years	271,298	157,710	136,023	14,629	5,932	1,126	64,837	43,359	5,040	352
85 years and over	283,985	123,468	107,814	9,998	4,706	950	123,458	32,786	3,970	303
Not stated	102	23	14	5	3	1	10	24	43	2

Table 1-32. Deaths by Place of Death, Status of Decedent When Death Occurred in Hospital or Medical Center, Age, Race, and Sex: Total of 49 States and the District of Columbia, 1990—Con.

(Page 2 of 2)

[Includes all deaths occurring in the reporting areas. For discussion of place of death; see Technical Appendix]

Race, age, and sex	Total	In hospital or medical center					Nursing home	Residence	Other places	Place unknown
		Total	Inpatient	Outpatient or emergency room	Dead on arrival	Status unknown				
All other	292,844	212,381	160,426	33,324	15,743	2,888	21,657	43,862	14,292	652
Under 1 year	13,389	12,474	9,946	1,622	759	147	7	686	200	22
1-4 years	2,049	1,678	930	529	205	14	13	239	112	7
5-14 years	2,152	1,566	795	534	208	29	13	264	300	9
15-24 years	9,760	6,466	2,697	2,481	1,200	88	39	895	2,295	65
25-44 years	39,692	28,715	18,869	6,334	3,105	407	555	5,290	4,930	202
45-64 years	69,602	53,048	39,452	8,809	4,067	720	2,163	11,405	2,844	142
65-74 years	61,263	45,145	35,860	5,973	2,700	612	4,148	10,321	1,563	86
75-84 years	59,136	41,154	33,504	4,777	2,294	579	7,257	9,377	1,274	74
85 years and over	35,625	22,065	18,330	2,245	1,203	287	7,457	5,344	718	41
Not stated	176	70	43	20	2	5	5	41	56	4
Male	161,397	117,300	85,675	20,350	9,689	1,586	9,123	24,355	10,211	408
Under 1 year	7,442	6,893	5,499	903	412	79	6	417	115	11
1-4 years	1,169	963	521	315	118	9	6	131	65	4
5-14 years	1,296	941	461	331	133	16	5	159	185	6
15-24 years	7,612	5,009	1,850	2,091	993	75	24	642	1,885	52
25-44 years	27,138	19,150	11,944	4,587	2,338	281	358	3,567	3,916	147
45-64 years	41,450	31,069	22,434	5,578	2,635	422	1,227	6,981	2,079	94
65-74 years	33,645	24,879	19,631	3,389	1,537	322	2,053	5,720	945	48
75-84 years	28,624	20,066	16,365	2,329	1,097	275	3,106	4,730	688	34
85 years and over	12,896	8,280	6,941	812	424	103	2,336	1,983	287	10
Not stated	125	50	29	15	2	4	2	25	46	2
Female	131,447	95,081	74,751	12,974	6,054	1,302	12,534	19,507	4,081	244
Under 1 year	5,947	5,581	4,447	719	347	68	1	269	85	11
1-4 years	880	715	409	214	87	5	7	108	47	3
5-14 years	856	625	334	203	75	13	8	105	115	3
15-24 years	2,148	1,457	847	390	207	13	15	253	410	13
25-44 years	12,554	9,565	6,925	1,747	767	126	197	1,723	1,014	55
45-64 years	28,152	21,979	17,018	3,231	1,432	298	936	4,424	765	48
65-74 years	27,618	20,266	16,229	2,584	1,163	290	2,095	4,601	618	38
75-84 years	30,512	21,088	17,139	2,448	1,197	304	4,151	4,647	586	40
85 years and over	22,729	13,785	11,389	1,433	779	184	5,121	3,361	431	31
Not stated	51	20	14	5	-	1	3	16	10	2
Black	263,801	192,483	144,951	29,906	14,870	2,756	19,488	39,164	12,069	597
Under 1 year	12,228	11,435	9,142	1,441	715	137	6	604	164	19
1-4 years	1,760	1,454	792	461	188	13	11	205	83	7
5-14 years	1,833	1,350	665	472	188	25	9	233	232	9
15-24 years	8,532	5,855	2,419	2,246	1,108	82	37	708	1,875	57
25-44 years	36,172	26,554	17,471	5,768	2,928	387	519	4,696	4,218	185
45-64 years	63,022	48,168	35,658	7,949	3,864	697	1,984	10,319	2,426	125
65-74 years	55,349	40,837	32,334	5,359	2,554	590	3,799	9,291	1,340	82
75-84 years	53,050	36,965	30,013	4,217	2,185	550	6,567	8,359	1,088	71
85 years and over	31,691	19,801	16,420	1,973	1,138	270	6,551	4,710	591	38
Not stated	164	64	37	20	2	5	5	39	52	4
Male	144,480	105,742	77,000	18,094	9,134	1,514	8,136	21,588	8,648	366
Under 1 year	6,774	6,309	5,056	793	387	73	5	361	89	10
1-4 years	992	831	439	274	110	8	5	106	46	4
5-14 years	1,109	818	386	295	122	15	4	140	141	6
15-24 years	6,690	4,568	1,662	1,911	925	70	22	503	1,551	46
25-44 years	24,792	17,792	11,141	4,176	2,207	268	332	3,177	3,358	133
45-64 years	37,628	28,247	20,365	4,974	2,500	408	1,147	6,362	1,792	80
65-74 years	30,171	22,334	17,605	2,973	1,448	308	1,868	5,114	811	44
75-84 years	25,113	17,631	14,327	2,004	1,037	263	2,751	4,116	583	32
85 years and over	11,094	7,165	5,993	679	396	97	2,000	1,686	234	9
Not stated	117	47	26	15	2	4	2	23	43	2
Female	119,321	86,741	67,951	11,812	5,736	1,242	11,352	17,576	3,421	231
Under 1 year	5,454	5,126	4,086	648	328	64	1	243	75	9
1-4 years	768	623	353	187	78	5	6	99	37	3
5-14 years	724	532	279	177	66	10	5	93	91	3
15-24 years	1,842	1,287	757	335	183	12	15	205	324	11
25-44 years	11,380	8,762	6,330	1,592	721	119	187	1,519	860	52
45-64 years	25,394	19,921	15,293	2,975	1,364	289	837	3,957	634	45
65-74 years	25,178	18,503	14,729	2,386	1,106	282	1,931	4,177	529	38
75-84 years	27,937	19,334	15,686	2,213	1,148	287	3,816	4,243	505	39
85 years and over	20,597	12,636	10,427	1,294	742	173	4,551	3,024	357	29
Not stated	47	17	11	5	-	1	3	16	9	2

Table 1-33. Deaths From Selected Causes, by Date of Death: United States, 1990

(Page 1 of 4)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975]

Cause of death and month	Total	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Unknown
All causes	2,148,463	302,705	314,726	304,371	304,347	304,748	307,219	310,293	54
January	216,654	...	...	...	...	...	...	...	2
	...	...	7,450	7,120	7,411	7,384	7,245	7,204	...
	...	7,048	7,226	7,202	7,188	7,198	7,220	7,118	...
	...	7,047	7,062	7,128	7,095	6,926	6,834	6,819	...
	...	6,684	6,932	6,862	6,659	6,744	6,819	6,612	...
	...	6,517	6,889	6,527	6,482	...	...	...	...
February	178,727	...	...	...	...	...	...	...	5
	...	...	...	...	...	6,606	6,754	6,531	...
	...	6,382	6,576	6,452	6,566	6,558	6,667	6,498	...
	...	6,311	6,480	6,289	6,276	6,451	6,484	6,309	...
	...	6,189	6,317	6,188	6,207	6,319	6,390	6,185	...
	...	5,941	6,297	6,274	6,225	...	...	...	...
March	185,875	...	...	...	...	...	...	...	2
	...	...	...	...	...	6,275	6,386	6,467	...
	...	6,151	6,200	6,096	5,937	6,137	6,071	6,284	...
	...	6,073	6,101	5,985	5,936	5,885	5,941	6,074	...
	...	5,862	5,782	5,867	6,025	5,844	5,937	5,739	...
	...	5,877	5,858	5,911	5,857	5,768	5,779	5,748	...
April	174,263	...	...	...	...	...	...	...	6
	...	5,614	5,851	5,744	5,745	5,794	5,807	5,744	...
	...	5,751	5,930	6,021	5,816	5,779	5,880	6,013	...
	...	5,799	5,959	5,762	5,786	5,810	5,828	5,921	...
	...	5,682	5,939	5,769	5,695	5,838	5,932	5,863	...
	...	5,464	5,721	...	...	...	...	...	...
May	174,553	...	...	...	...	...	...	...	5
	...	...	...	5,669	5,482	5,499	5,848	5,874	...
	...	5,651	5,797	5,679	5,665	5,581	5,587	5,739	...
	...	5,727	5,728	5,640	5,498	5,533	5,546	5,819	...
	...	5,623	5,614	5,598	5,405	5,513	5,723	5,881	...
	...	5,716	5,547	5,485	5,407	5,474	...	...	...
June	168,999	...	...	...	...	...	...	...	-
	...	...	...	...	...	...	5,765	5,955	...
	...	5,745	5,566	5,569	5,620	5,763	5,653	5,716	...
	...	5,594	5,613	5,517	5,493	5,656	5,554	5,680	...
	...	5,706	5,512	5,638	5,557	5,647	5,516	5,709	...
	...	5,538	5,555	5,605	5,571	5,590	5,602	5,794	...
July	171,338	...	...	...	...	...	...	...	6
	...	5,508	5,613	5,623	5,874	5,784	5,445	5,656	...
	...	5,508	5,540	5,649	5,604	5,511	5,317	5,611	...
	...	5,460	5,593	5,430	5,514	5,344	5,596	5,651	...
	...	5,402	5,538	5,307	5,429	5,452	5,474	5,580	...
	...	5,526	5,507	5,286	...	...	...	...	...
August	168,427	...	...	...	...	...	...	...	2
	...	...	...	...	5,302	5,361	5,468	5,634	...
	...	5,395	5,348	5,357	5,375	5,479	5,488	5,467	...
	...	5,411	5,621	5,387	5,379	5,496	5,542	5,511	...
	...	5,484	5,469	5,344	5,403	5,321	5,342	5,607	...
	...	5,442	5,526	5,533	5,314	5,250	5,369	...	...
September	165,934	...	...	...	...	...	...	...	3
	...	...	...	...	...	...	...	5,452	...
	...	5,469	5,525	5,524	5,461	5,456	5,481	5,527	...
	...	5,438	5,386	5,340	5,370	5,463	5,524	5,595	...
	...	5,436	5,455	5,511	5,617	5,551	5,626	5,724	...
	...	5,464	5,644	5,594	5,663	5,642	5,590	5,822	...
	...	5,581	...	...	...	...	...	...	...
October	177,472	...	...	...	...	...	...	...	6
	...	...	5,753	5,476	5,640	5,707	5,789	5,818	...
	...	5,781	5,688	5,723	5,675	5,652	5,680	5,791	...
	...	5,681	5,675	5,545	5,860	5,608	5,571	5,828	...
	...	5,680	5,888	5,700	5,683	5,606	5,803	5,857	...
	...	5,812	5,739	5,974	5,783	...	...	...	...
November	176,508	...	...	...	...	...	...	...	9
	...	...	...	...	...	6,062	5,913	6,000	...
	...	5,788	5,920	5,763	5,695	5,812	5,928	6,047	...
	...	5,757	6,069	5,765	5,857	5,923	5,965	5,883	...
	...	5,842	5,887	5,900	5,991	5,827	5,985	5,998	...
	...	5,894	5,923	5,870	5,829	5,677	5,729	...	...
December	189,713	...	...	...	...	...	...	...	8
	...	...	...	...	...	...	...	5,910	...
	...	5,940	6,004	5,936	5,821	5,899	6,105	6,133	...
	...	5,882	6,139	5,980	6,088	6,037	6,137	6,089	...
	...	5,994	6,175	6,317	6,064	5,997	6,130	6,382	...
	...	6,221	6,192	5,940	6,452	6,239	6,454	6,424	...
	...	6,217	6,407	...	...	...	...	...	...

Table 1-33. Deaths From Selected Causes, by Date of Death: United States, 1990—Con.
(Page 2 of 4)
[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975]

Cause of death and month	Total	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Unknown
Motor vehicle accidents (E810-E825)	46,814	7,855	5,704	5,515	5,372	5,868	7,454	9,046	-
January	3,476	...	...	...	...	...	...	...	-
	...	...	134	111	87	112	126	123	...
	...	129	98	116	93	100	125	134	...
	...	103	91	120	89	95	110	180	...
	...	125	81	95	112	111	115	153	...
	...	114	106	94	94	...	...	...	...
February	3,044	...	...	...	...	...	...	...	-
	...	...	...	...	...	102	149	130	...
	...	142	105	75	85	82	147	140	...
	...	148	87	80	84	91	131	150	...
	...	108	94	83	92	90	125	166	...
	...	104	91	81	82	...	...	...	...
March	3,559	...	...	...	...	...	...	...	-
	...	...	...	...	...	118	153	156	...
	...	127	99	85	84	95	118	146	...
	...	139	103	90	99	91	135	187	...
	...	132	86	94	92	94	119	148	...
	...	150	84	79	75	94	139	148	...
April	3,704	...	...	...	...	...	...	...	-
	...	132	79	93	98	112	144	160	...
	...	142	92	109	124	120	152	191	...
	...	139	116	91	100	93	108	156	...
	...	162	99	114	96	90	148	203	...
	...	144	97	...	...	...	...	...	...
May	4,000	...	...	...	...	...	...	...	-
	...	...	...	103	89	105	150	169	...
	...	136	121	105	98	103	152	183	...
	...	150	98	94	92	110	138	186	...
	...	176	126	102	102	106	169	195	...
	...	182	152	105	97	106	...	...	...
June	4,228	...	...	...	...	...	...	...	-
	...	...	...	...	...	...	136	186	...
	...	159	95	125	108	111	158	183	...
	...	168	111	104	103	119	181	169	...
	...	165	115	106	99	111	168	212	...
	...	184	119	126	120	140	166	181	...
July	4,529	...	...	...	...	...	...	...	-
	...	194	123	137	185	141	139	174	...
	...	152	109	138	141	140	149	189	...
	...	176	107	131	99	140	157	198	...
	...	168	133	131	94	136	153	185	...
	...	185	114	111	...	...	...	...	...
August	4,544	...	...	...	...	...	...	...	-
	...	...	...	...	106	117	164	209	...
	...	179	126	119	113	132	151	213	...
	...	185	119	105	104	160	169	207	...
	...	187	119	139	138	128	156	215	...
	...	170	113	121	111	119	150	...	...
September	4,225	...	...	...	...	...	...	...	-
	...	...	...	...	...	...	...	214	...
	...	187	143	115	93	121	139	194	...
	...	186	109	122	93	122	169	186	...
	...	142	110	125	108	101	157	192	...
	...	149	96	106	109	126	124	218	...
	...	169	...	...	...	...	...	...	...
October	4,000	...	...	...	...	...	...	...	-
	...	...	131	121	96	148	155	187	...
	...	174	80	97	108	112	162	164	...
	...	156	106	84	116	120	144	168	...
	...	150	126	92	95	108	146	190	...
	...	165	102	98	99	...	...	...	...
November	3,777	...	...	...	...	...	...	...	-
	...	...	...	...	...	151	148	175	...
	...	142	114	99	110	105	137	169	...
	...	126	101	121	107	116	139	149	...
	...	170	96	94	149	113	125	153	...
	...	114	104	99	95	111	145	...	...
December	3,728	...	...	...	...	...	...	...	-
	...	...	...	...	...	...	...	145	...
	...	146	122	115	96	86	146	147	...
	...	142	101	124	110	92	135	178	...
	...	140	112	108	117	114	144	191	...
	...	141	126	83	86	108	89	101	...
	...	100	83	...	...	...	...	...	...

Table 1-33. Deaths From Selected Causes, by Date of Death: United States, 1990—Con.

(Page 3 of 4)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975]

Cause of death and month	Total	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Unknown
Suicide (E950-E959)	30,906	4,376	4,851	4,590	4,370	4,284	4,227	4,206	2
January	2,668	...	...	...	...	...	...	...	-
	...	...	88	92	95	90	92	67	...
	...	77	95	84	87	88	89	90	...
	...	90	85	98	90	92	90	76	...
	...	77	96	94	82	71	78	76	...
	...	71	98	79	91	...	...	...	...
February	2,369	...	...	...	...	...	...	...	-
	...	...	...	...	...	78	91	95	...
	...	76	95	86	92	93	93	77	...
	...	83	94	89	84	93	72	62	...
	...	72	88	96	92	85	88	63	...
	...	93	83	77	79	...	...	...	...
March	2,576	...	...	...	...	...	...	...	-
	...	...	...	...	...	87	79	102	...
	...	82	88	74	84	77	72	94	...
	...	92	97	85	74	73	76	88	...
	...	90	73	79	88	72	94	76	...
	...	84	88	89	80	84	80	75	...
April	2,567	...	...	...	...	...	...	...	1
	...	83	87	92	83	84	73	76	...
	...	97	97	88	86	72	92	80	...
	...	87	92	91	80	54	88	80	...
	...	101	110	90	84	80	86	82	...
	...	78	93	...	...	...	...	...	...
May	2,632	...	...	...	...	...	...	...	-
	...	...	...	90	92	78	98	89	...
	...	85	117	80	92	87	75	70	...
	...	89	73	93	92	85	86	99	...
	...	69	88	83	92	72	56	71	...
	...	92	74	104	75	86	...	...	...
June	2,660	...	...	...	...	...	...	...	-
	...	...	...	...	...	...	88	95	...
	...	91	106	90	78	72	90	93	...
	...	73	93	97	84	75	93	84	...
	...	95	93	85	91	91	97	98	...
	...	73	97	105	84	89	78	82	...
July	2,900	...	...	...	...	...	...	...	-
	...	93	112	100	88	101	92	89	...
	...	83	118	95	91	97	83	83	...
	...	91	94	112	106	93	79	96	...
	...	83	111	84	91	88	92	90	...
	...	93	101	71	...	...	...	...	...
August	2,615	...	...	...	...	...	...	...	1
	...	...	...	...	76	75	73	89	...
	...	78	84	80	76	78	76	87	...
	...	85	94	82	101	82	84	85	...
	...	78	102	102	79	104	80	72	...
	...	74	88	95	94	81	80	...	...
September	2,603	...	...	...	...	...	...	...	-
	...	...	...	...	...	...	...	91	...
	...	79	82	120	97	96	103	84	...
	...	94	117	77	82	75	87	98	...
	...	89	90	84	90	81	82	68	...
	...	87	90	84	79	73	73	69	...
	...	82	...	...	...	...	...	...	...
October	2,603	...	...	...	...	...	...	...	-
	...	...	80	93	76	99	83	79	...
	...	111	94	92	100	92	83	87	...
	...	79	94	95	61	63	69	84	...
	...	77	91	85	90	73	72	81	...
	...	82	82	86	70	...	...	...	...
November	2,476	...	...	...	...	...	...	...	-
	...	...	...	...	...	92	78	87	...
	...	88	88	87	84	72	73	81	...
	...	100	79	80	92	96	71	79	...
	...	81	93	68	70	73	83	78	...
	...	83	87	98	89	70	76	...	...
December	2,237	...	...	...	...	...	...	...	-
	...	...	...	...	...	...	...	71	...
	...	75	83	80	76	103	79	74	...
	...	82	85	91	62	74	70	52	...
	...	81	83	87	61	79	57	50	...
	...	66	59	52	58	66	55	62	...
	...	82	82	...	...	...	...	...	...

Table 1-33. Deaths From Selected Causes, by Date of Death: United States, 1990—Con.

(Page 4 of 4)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975]

Cause of death and month	Total	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Unknown
Homicide and legal intervention (E960-E978)	24,932	4,197	3,345	3,170	3,153	3,123	3,459	4,473	12
January	2,015	...	...	...	...	...	...	...	1
	...	...	95	63	54	67	70	61	...
	...	66	64	56	52	54	54	71	...
	...	73	62	64	78	60	70	69	...
	...	86	58	55	61	65	48	76	...
	...	71	68	57	66	...	...	...	...
February	1,833	...	...	...	...	...	...	...	1
	...	...	...	...	...	55	67	92	...
	...	82	75	57	61	61	71	92	...
	...	73	52	57	69	52	66	79	...
	...	53	62	64	59	65	65	76	...
	...	64	52	56	55	...	...	...	...
March	2,006	...	...	...	...	...	...	...	-
	...	...	...	...	...	50	69	84	...
	...	80	54	59	54	51	65	73	...
	...	71	65	55	41	52	82	88	...
	...	55	65	64	64	54	57	64	...
	...	160	56	57	61	38	51	67	...
April	1,844	...	...	...	...	...	...	...	1
	...	56	37	47	49	63	60	68	...
	...	79	57	63	54	55	82	80	...
	...	68	58	59	51	51	64	67	...
	...	60	54	56	66	58	67	76	...
	...	71	67	...	...	...	...	...	...
May	2,044	...	...	...	...	...	...	...	1
	...	...	...	58	73	45	42	86	...
	...	75	58	73	52	50	57	89	...
	...	70	67	80	50	64	62	86	...
	...	92	51	60	61	65	63	99	...
	...	65	57	55	84	54	...	...	...
June	2,168	...	...	...	...	...	...	...	-
	...	...	...	...	...	...	63	95	...
	...	97	56	75	46	72	57	90	...
	...	77	72	72	70	71	56	101	...
	...	89	64	53	62	48	73	90	...
	...	91	68	59	66	55	69	111	...
July	2,370	...	...	...	...	...	...	...	-
	...	74	64	70	104	79	68	94	...
	...	83	59	74	76	62	76	117	...
	...	89	66	84	76	57	65	78	...
	...	86	80	70	56	68	73	101	...
	...	89	63	69	...	...	...	...	...
August	2,302	...	...	...	...	...	...	...	-
	...	...	...	...	70	52	91	89	...
	...	100	72	52	64	54	78	82	...
	...	87	81	57	60	75	65	97	...
	...	88	62	56	62	75	84	103	...
	...	92	74	67	63	72	78	...	...
September	2,283	...	...	...	...	...	...	...	2
	...	...	...	...	...	...	...	102	...
	...	108	81	76	61	58	66	87	...
	...	123	72	60	60	78	72	87	...
	...	81	68	49	55	71	81	89	...
	...	90	65	66	47	66	68	92	...
	...	102	...	...	...	...	...	...	...
October	2,151	...	...	...	...	...	...	...	1
	...	...	66	64	52	58	76	110	...
	...	94	64	50	56	68	75	84	...
	...	97	70	53	74	60	56	94	...
	...	63	72	57	59	56	67	93	...
	...	88	56	65	53	...	...	...	...
November	1,897	...	...	...	...	...	...	...	3
	...	...	...	...	...	70	67	74	...
	...	80	50	54	47	55	50	90	...
	...	81	54	57	44	58	80	90	...
	...	64	54	54	64	77	79	78	...
	...	64	49	48	63	43	56	...	...
December	2,019	...	...	...	...	...	...	...	2
	...	...	...	...	...	...	...	69	...
	...	64	72	59	46	46	58	90	...
	...	63	52	58	53	71	64	97	...
	...	64	71	46	71	58	64	77	...
	...	68	61	81	58	61	52	79	...
	...	91	53	...	...	...	...	...	...

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 2 of 14)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Human immunodeficiency virus infection (*042-*044)								
All races, both sexes	24,862	541	8,483	10,265	3,812	1,314	369	78
Never married	17,118	483	6,856	6,897	2,175	598	99	10
Ever married	7,290	50	1,500	3,185	1,541	686	261	67
Married	3,436	42	903	1,428	578	339	116	30
Widowed	563	1	73	204	98	75	81	31
Divorced	3,291	7	524	1,553	865	272	64	6
Not stated	454	8	127	183	96	30	9	1
All races, male	22,220	412	7,433	9,284	3,565	1,191	289	46
Never married	15,947	378	6,244	6,523	2,117	582	96	7
Ever married	5,874	28	1,084	2,600	1,358	581	185	38
Married	2,771	23	652	1,157	521	297	100	21
Widowed	247	-	28	86	48	39	32	14
Divorced	2,856	5	404	1,357	789	245	53	3
Not stated	399	6	105	161	90	28	8	1
All races, female	2,642	129	1,050	981	247	123	80	32
Never married	1,171	105	612	374	58	16	3	3
Ever married	1,416	22	416	585	183	105	76	29
Married	665	19	251	271	57	42	16	9
Widowed	316	1	45	118	50	36	49	17
Divorced	435	2	120	196	76	27	11	3
Not stated	55	2	22	22	6	2	1	-
White, both sexes	17,143	312	5,619	7,080	2,848	950	274	60
Never married	12,184	274	4,609	5,042	1,716	464	72	7
Ever married	4,702	32	943	1,932	1,075	471	197	52
Married	1,998	27	527	727	352	248	92	25
Widowed	275	1	36	86	40	34	55	23
Divorced	2,429	4	380	1,119	683	189	50	4
Not stated	257	6	67	106	57	15	5	1
White, male	16,046	256	5,196	6,716	2,742	880	220	36
Never married	11,805	234	4,413	4,935	1,689	457	71	6
Ever married	4,009	17	725	1,685	1,000	408	145	29
Married	1,686	13	399	633	328	214	81	18
Widowed	120	-	13	34	26	17	21	9
Divorced	2,203	4	313	1,018	646	177	43	2
Not stated	232	5	58	96	53	15	4	1
White, female	1,097	56	423	364	106	70	54	24
Never married	379	40	196	107	27	7	1	1
Ever married	693	15	218	247	75	63	52	23
Married	312	14	128	94	24	34	11	7
Widowed	155	1	23	52	14	17	34	14
Divorced	226	-	67	101	37	12	7	2
Not stated	25	1	9	10	4	-	1	-
All other, both sexes	7,719	229	2,864	3,185	964	364	95	18
Never married	4,934	209	2,247	1,855	459	134	27	3
Ever married	2,588	18	557	1,253	466	215	64	15
Married	1,438	15	376	701	226	91	24	5
Widowed	288	-	37	118	58	41	26	8
Divorced	862	3	144	434	182	83	14	2
Not stated	197	2	60	77	39	15	4	-
All other, male	6,174	156	2,237	2,568	823	311	69	10
Never married	4,142	144	1,831	1,588	428	125	25	1
Ever married	1,865	11	359	915	358	173	40	9
Married	1,085	10	253	524	193	83	19	3
Widowed	127	-	15	52	22	22	11	5
Divorced	653	1	91	339	143	68	10	1
Not stated	167	1	47	65	37	13	4	-
All other, female	1,545	73	627	617	141	53	26	8
Never married	792	65	416	267	31	9	2	2
Ever married	723	7	198	338	108	42	24	6
Married	353	5	123	177	33	8	5	2
Widowed	161	-	22	66	36	19	15	3
Divorced	209	2	53	95	39	15	4	1
Not stated	30	1	13	12	2	2	-	-
Black, both sexes	7,519	226	2,802	3,100	930	353	90	18
Never married	4,790	207	2,190	1,796	439	128	27	3
Ever married	2,533	17	553	1,227	452	210	59	15
Married	1,400	14	373	681	217	89	21	5
Widowed	282	-	37	117	57	39	24	8
Divorced	851	3	143	429	178	82	14	2
Not stated	196	2	59	77	39	15	4	-
Black, male	5,993	153	2,180	2,493	789	303	65	10
Never married	4,004	142	1,776	1,533	408	119	25	1
Ever married	1,822	10	357	895	344	171	36	9
Married	1,055	9	252	508	184	82	17	3
Widowed	124	-	15	52	21	22	9	5
Divorced	643	1	90	335	139	67	10	1
Not stated	167	1	47	65	37	13	4	-
Black, female	1,526	73	622	607	141	50	25	8
Never married	786	65	414	263	31	9	2	2
Ever married	711	7	196	332	108	39	23	6
Married	345	5	121	173	33	7	4	2
Widowed	158	-	22	65	36	17	15	3
Divorced	208	2	53	94	39	15	4	1
Not stated	29	1	12	12	2	2	-	-

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 2 of 14)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Human immunodeficiency virus infection (*042-*044)								
All races, both sexes	24,862	541	8,483	10,265	3,812	1,314	369	78
Never married	17,118	483	6,856	6,897	2,175	598	99	10
Ever married	7,290	50	1,500	3,185	1,541	686	261	67
Married	3,436	42	903	1,428	578	339	116	30
Widowed	563	1	73	204	98	75	81	31
Divorced	3,291	7	524	1,553	865	272	64	6
Not stated	454	8	127	183	96	30	9	1
All races, male	22,220	412	7,433	9,284	3,565	1,191	289	46
Never married	15,947	378	6,244	6,523	2,117	582	96	7
Ever married	5,874	28	1,084	2,600	1,358	581	185	38
Married	2,771	23	652	1,157	521	297	100	21
Widowed	247	-	28	86	48	39	32	14
Divorced	2,856	5	404	1,357	789	245	53	3
Not stated	399	6	105	161	90	28	8	1
All races, female	2,642	129	1,050	981	247	123	80	32
Never married	1,171	105	612	374	58	16	3	3
Ever married	1,416	22	416	585	183	105	76	29
Married	665	19	251	271	57	42	16	9
Widowed	316	1	45	118	50	36	49	17
Divorced	435	2	120	196	76	27	11	3
Not stated	55	2	22	22	6	2	1	-
White, both sexes	17,143	312	5,619	7,080	2,848	950	274	60
Never married	12,184	274	4,609	5,042	1,716	464	72	7
Ever married	4,702	32	943	1,932	1,075	471	197	52
Married	1,998	27	527	727	352	248	92	25
Widowed	275	1	36	86	40	34	55	23
Divorced	2,429	4	380	1,119	683	189	50	4
Not stated	257	6	67	106	57	15	5	1
White, male	16,046	256	5,196	6,716	2,742	880	220	36
Never married	11,805	234	4,413	4,935	1,689	457	71	6
Ever married	4,009	17	725	1,685	1,000	408	145	29
Married	1,686	13	399	633	328	214	81	18
Widowed	120	-	13	34	26	17	21	9
Divorced	2,203	4	313	1,018	646	177	43	2
Not stated	232	5	58	96	53	15	4	1
White, female	1,097	56	423	364	106	70	54	24
Never married	379	40	196	107	27	7	1	1
Ever married	693	15	218	247	75	63	52	23
Married	312	14	128	94	24	34	11	7
Widowed	155	1	23	52	14	17	34	14
Divorced	226	-	67	101	37	12	7	2
Not stated	25	1	9	10	4	-	1	-
All other, both sexes	7,719	229	2,864	3,185	964	364	95	18
Never married	4,934	209	2,247	1,855	459	134	27	3
Ever married	2,588	18	557	1,253	466	215	64	15
Married	1,438	15	376	701	226	91	24	5
Widowed	288	-	37	118	58	41	26	8
Divorced	862	3	144	434	182	83	14	2
Not stated	197	2	60	77	39	15	4	-
All other, male	6,174	156	2,237	2,568	823	311	69	10
Never married	4,142	144	1,831	1,588	428	125	25	1
Ever married	1,865	11	359	915	358	173	40	9
Married	1,085	10	253	524	193	83	19	3
Widowed	127	-	15	52	22	22	11	5
Divorced	653	1	91	339	143	68	10	1
Not stated	167	1	47	65	37	13	4	-
All other, female	1,545	73	627	617	141	53	26	8
Never married	792	65	416	267	31	9	2	2
Ever married	723	7	198	338	108	42	24	6
Married	353	5	123	177	33	8	5	2
Widowed	161	-	22	66	36	19	15	3
Divorced	209	2	53	95	39	15	4	1
Not stated	30	1	13	12	2	2	-	-
Black, both sexes	7,519	226	2,802	3,100	930	353	90	18
Never married	4,790	207	2,190	1,796	439	128	27	3
Ever married	2,533	17	553	1,227	452	210	59	15
Married	1,400	14	373	681	217	89	21	5
Widowed	282	-	37	117	57	39	24	8
Divorced	851	3	143	429	178	82	14	2
Not stated	196	2	59	77	39	15	4	-
Black, male	5,993	153	2,180	2,493	789	303	65	10
Never married	4,004	142	1,776	1,533	408	119	25	1
Ever married	1,822	10	357	895	344	171	36	9
Married	1,055	9	252	508	184	82	17	3
Widowed	124	-	15	52	21	22	9	5
Divorced	643	1	90	335	139	67	10	1
Not stated	167	1	47	65	37	13	4	-
Black, female	1,526	73	622	607	141	50	25	8
Never married	786	65	414	263	31	9	2	2
Ever married	711	7	196	332	108	39	23	6
Married	345	5	121	173	33	7	4	2
Widowed	158	-	22	65	36	17	15	3
Divorced	208	2	53	94	39	15	4	1
Not stated	29	1	12	12	2	2	-	-

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 3 of 14)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)								
All races, both sexes	503,598	1,819	5,427	16,223	39,823	94,919	157,413	187,974
Never married	34,368	1,563	1,932	2,493	3,467	6,084	8,186	10,643
Ever married	467,769	250	3,483	13,677	36,197	88,499	148,793	176,870
Married	281,464	229	2,925	10,631	26,940	64,421	98,299	78,019
Widowed	142,349	-	40	269	2,069	11,491	37,701	90,779
Divorced	43,956	21	518	2,777	7,188	12,587	12,793	8,072
Not stated	1,461	6	12	53	159	336	434	461
All races, male	267,319	1,078	2,710	7,125	19,880	53,053	88,734	94,739
Never married	18,391	956	1,189	1,338	1,996	3,761	4,712	4,439
Ever married	247,952	118	1,514	5,756	17,771	49,044	83,725	90,024
Married	186,329	111	1,295	4,550	13,886	39,389	66,759	60,339
Widowed	39,295	-	10	55	431	2,819	10,130	25,850
Divorced	22,328	7	209	1,151	3,454	6,836	6,836	3,835
Not stated	976	4	7	31	113	248	297	276
All races, female	236,279	741	2,717	9,098	19,943	41,866	68,679	93,235
Never married	15,977	607	743	1,155	1,471	2,323	3,474	6,204
Ever married	219,817	132	1,969	7,921	18,426	39,455	65,068	86,846
Married	95,135	118	1,630	6,081	13,054	25,032	31,540	17,680
Widowed	103,054	-	30	214	1,638	8,672	27,571	64,929
Divorced	21,628	14	309	1,626	3,734	5,751	5,957	4,237
Not stated	485	2	5	22	46	88	137	185
White, both sexes	440,191	1,470	4,331	12,980	32,447	80,531	138,818	169,614
Never married	27,397	1,239	1,382	1,624	2,252	4,502	6,765	9,633
Ever married	411,817	227	2,946	11,316	30,102	75,807	131,772	159,647
Married	251,562	207	2,486	8,937	22,957	56,671	88,970	71,334
Widowed	123,845	-	30	188	1,465	8,927	32,002	81,233
Divorced	36,410	20	430	2,191	5,680	10,209	10,800	7,080
Not stated	977	4	3	40	93	222	281	334
White, male	231,831	879	2,226	5,666	15,925	44,792	77,736	84,607
Never married	14,251	772	921	911	1,274	2,722	3,788	3,863
Ever married	216,941	105	1,304	4,730	14,585	41,906	73,759	80,552
Married	165,766	98	1,119	3,784	11,638	34,343	59,903	54,881
Widowed	33,035	-	6	36	267	2,066	8,223	22,437
Divorced	18,140	7	179	910	2,680	5,497	5,633	3,234
Not stated	639	2	1	25	66	164	189	192
White, female	208,360	591	2,105	7,314	16,522	35,739	61,082	85,007
Never married	13,146	467	461	713	978	1,780	2,977	5,770
Ever married	194,876	122	1,642	6,586	15,517	33,901	58,013	79,095
Married	85,796	109	1,367	5,153	11,319	22,328	29,067	16,453
Widowed	90,810	-	24	152	1,198	6,861	23,779	58,796
Divorced	18,270	13	251	1,281	3,000	4,712	5,167	3,846
Not stated	338	2	2	15	27	58	92	142
All other, both sexes	63,407	349	1,096	3,243	7,376	14,388	18,595	18,360
Never married	6,971	324	550	869	1,215	1,582	1,421	1,010
Ever married	55,952	23	537	2,361	6,095	12,692	17,021	17,223
Married	29,902	22	439	1,694	3,983	7,750	9,329	6,685
Widowed	18,504	-	10	81	604	2,564	5,699	9,546
Divorced	7,546	1	88	586	1,508	2,378	1,993	992
Not stated	484	2	9	13	66	114	153	127
All other, male	35,488	199	484	1,459	3,955	8,261	10,998	10,132
Never married	4,140	184	268	427	722	1,039	924	576
Ever married	31,011	13	210	1,026	3,186	7,138	9,966	9,472
Married	20,563	13	176	766	2,248	5,046	6,856	5,458
Widowed	6,260	-	4	19	164	753	1,907	3,413
Divorced	4,188	-	30	241	774	1,339	1,203	601
Not stated	337	2	6	6	47	84	108	84
All other, female	27,919	150	612	1,784	3,421	6,127	7,597	8,228
Never married	2,831	140	282	442	493	543	497	434
Ever married	24,941	10	327	1,335	2,909	5,554	7,055	7,751
Married	9,339	9	263	928	1,735	2,704	2,473	1,227
Widowed	12,244	-	6	62	440	1,811	3,792	6,133
Divorced	3,358	1	58	345	734	1,039	790	391
Not stated	147	-	3	7	19	30	45	43
Black, both sexes	56,814	292	948	2,796	6,527	13,018	16,739	16,494
Never married	6,482	271	501	814	1,131	1,501	1,330	934
Ever married	49,857	19	439	1,969	5,331	11,403	15,259	15,437
Married	25,716	19	351	1,351	3,352	6,763	8,116	5,764
Widowed	17,061	-	8	72	552	2,407	5,268	8,754
Divorced	7,080	-	80	546	1,427	2,233	1,875	919
Not stated	475	2	8	13	65	114	150	123
Black, male	31,845	162	406	1,261	3,556	7,545	9,903	9,012
Never married	3,819	148	235	390	674	994	866	512
Ever married	27,696	12	166	865	2,835	6,467	8,931	8,420
Married	17,878	12	138	626	1,939	4,471	5,999	4,693
Widowed	5,861	-	3	16	155	720	1,794	3,173
Divorced	3,957	-	25	223	741	1,276	1,138	554
Not stated	330	2	5	6	47	84	106	80
Black, female	24,969	130	542	1,535	2,971	5,473	6,836	7,482
Never married	2,663	123	266	424	457	507	464	422
Ever married	22,161	7	273	1,104	2,496	4,936	6,328	7,017
Married	7,838	7	213	725	1,413	2,292	2,117	1,071
Widowed	11,200	-	5	56	397	1,687	3,474	5,581
Divorced	3,123	-	55	323	686	957	737	365
Not stated	145	-	3	7	18	30	44	43

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Diabetes mellitus (250)								
All races, both sexes	47,625	115	674	1,510	2,834	6,969	13,280	22,243
Never married	3,876	102	376	387	405	576	844	1,186
Ever married	43,602	13	295	1,113	2,411	6,363	12,396	21,011
Married	20,828	12	188	699	1,696	4,251	7,193	6,789
Widowed	18,859	-	2	29	178	1,182	4,142	13,326
Divorced	3,915	1	105	385	537	930	1,061	896
Not stated	147	-	3	10	18	30	40	46
All races, male	20,246	50	373	914	1,547	3,436	6,043	7,883
Never married	1,984	48	228	253	236	318	454	447
Ever married	18,178	2	143	655	1,295	3,097	5,565	7,421
Married	12,586	2	84	399	938	2,382	4,240	4,541
Widowed	3,626	-	1	8	33	222	835	2,527
Divorced	1,966	-	58	248	324	493	490	353
Not stated	84	-	2	6	16	21	24	15
All races, female	27,379	65	301	596	1,287	3,533	7,237	14,360
Never married	1,892	54	148	134	169	258	390	739
Ever married	25,424	11	152	458	1,116	3,266	6,831	13,590
Married	8,242	10	104	300	758	1,869	2,953	2,248
Widowed	15,233	-	1	21	145	960	3,307	10,799
Divorced	1,949	1	47	137	213	437	571	543
Not stated	63	-	1	4	2	9	16	31
White, both sexes	38,670	75	497	1,138	1,984	5,197	10,653	19,126
Never married	2,931	67	255	262	234	392	671	1,050
Ever married	35,653	8	239	872	1,742	4,791	9,956	18,045
Married	17,308	8	142	545	1,251	3,328	6,056	5,978
Widowed	15,333	-	2	18	110	793	3,084	11,326
Divorced	3,012	-	95	309	381	670	816	741
Not stated	86	-	3	4	8	14	26	31
White, male	16,806	39	270	707	1,125	2,674	5,058	6,933
Never married	1,518	37	151	181	145	235	376	393
Ever married	15,240	2	117	524	973	2,430	4,665	6,529
Married	10,663	2	62	313	709	1,897	3,640	4,040
Widowed	3,031	-	1	6	23	162	642	2,197
Divorced	1,546	-	54	205	241	371	383	292
Not stated	48	-	2	2	7	9	17	11
White, female	21,864	36	227	431	859	2,523	5,595	12,193
Never married	1,413	30	104	81	89	157	295	657
Ever married	20,413	6	122	348	769	2,361	5,291	11,516
Married	6,645	6	80	232	542	1,431	2,416	1,938
Widowed	12,302	-	1	12	87	631	2,442	9,129
Divorced	1,466	-	41	104	140	299	433	449
Not stated	38	-	1	2	1	5	9	20
All other, both sexes	8,955	40	177	372	850	1,772	2,627	3,117
Never married	945	35	121	125	171	184	173	136
Ever married	7,949	5	56	241	669	1,572	2,440	2,966
Married	3,520	4	46	154	445	923	1,137	811
Widowed	3,526	-	-	11	68	389	1,058	2,000
Divorced	903	1	10	76	156	260	245	155
Not stated	61	-	-	6	10	16	14	15
All other, male	3,440	11	103	207	422	762	985	950
Never married	466	11	77	72	91	83	78	54
Ever married	2,938	-	26	131	322	667	900	892
Married	1,923	-	22	86	229	485	600	501
Widowed	595	-	-	2	10	60	193	330
Divorced	420	-	4	43	83	122	107	61
Not stated	36	-	-	4	9	12	7	4
All other, female	5,515	29	74	165	428	1,010	1,642	2,167
Never married	479	24	44	53	80	101	95	82
Ever married	5,011	5	30	110	347	905	1,540	2,074
Married	1,597	4	24	68	216	438	537	310
Widowed	2,931	-	-	9	58	329	865	1,670
Divorced	483	1	6	33	73	138	138	94
Not stated	25	-	-	2	1	4	7	11
Black, both sexes	8,102	37	172	341	771	1,596	2,373	2,812
Never married	875	32	117	121	154	168	154	129
Ever married	7,169	5	55	214	607	1,412	2,206	2,670
Married	3,086	4	45	135	397	807	994	704
Widowed	3,234	-	-	11	62	358	978	1,825
Divorced	849	1	10	68	148	247	234	141
Not stated	58	-	-	6	10	16	13	13
Black, male	3,041	10	100	186	373	680	871	821
Never married	421	10	74	68	78	75	66	50
Ever married	2,585	-	26	114	286	593	798	768
Married	1,672	-	22	75	200	426	519	430
Widowed	528	-	-	2	7	54	179	286
Divorced	385	-	4	37	79	113	100	52
Not stated	35	-	-	4	9	12	7	3
Black, female	5,061	27	72	155	398	916	1,502	1,991
Never married	454	22	43	53	76	93	88	79
Ever married	4,584	5	29	100	321	819	1,408	1,902
Married	1,414	4	23	60	197	381	475	274
Widowed	2,706	-	-	9	55	304	799	1,539
Divorced	464	1	6	31	69	134	134	89
Not stated	23	-	-	2	1	4	6	10

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Diseases of heart (390-398,402,404-429)								
All races, both sexes	718,570	917	3,290	11,755	30,204	77,546	161,373	433,485
Never married	53,721	786	1,518	2,527	3,451	6,545	10,730	28,164
Ever married	661,405	126	1,748	9,128	26,495	70,404	149,709	403,795
Married	302,601	116	1,324	6,529	18,915	49,605	94,613	131,499
Widowed	307,765	1	25	199	1,400	9,304	41,297	255,539
Divorced	51,039	9	399	2,400	6,180	11,495	13,799	16,757
Not stated	3,444	5	24	100	258	597	934	1,526
All races, male	359,977	588	2,220	8,901	22,387	53,484	98,639	173,558
Never married	28,105	532	1,093	1,930	2,615	4,834	6,999	10,102
Ever married	329,609	51	1,112	6,887	19,559	48,177	91,161	162,662
Married	226,174	48	848	4,997	14,473	37,080	69,940	98,788
Widowed	73,567	–	6	80	529	3,158	12,822	56,972
Divorced	29,868	3	258	1,810	4,557	7,939	8,399	6,902
Not stated	2,263	5	15	84	213	473	679	794
All races, female	358,593	329	1,070	2,854	7,817	24,062	62,534	259,927
Never married	25,616	254	425	597	836	1,711	3,731	18,062
Ever married	331,796	75	636	2,241	6,936	22,227	58,548	241,133
Married	76,427	68	476	1,532	4,442	12,525	24,673	32,711
Widowed	234,198	1	19	119	871	6,146	28,475	198,567
Divorced	21,171	6	141	590	1,623	3,556	5,400	9,855
Not stated	1,181	–	9	16	45	124	255	732
White, both sexes	636,396	603	2,189	8,551	23,618	64,201	140,503	396,731
Never married	45,063	500	855	1,492	2,260	4,879	9,056	26,021
Ever married	588,822	99	1,318	6,996	21,204	58,908	130,770	369,527
Married	271,860	90	995	5,083	15,510	42,846	85,221	122,115
Widowed	274,208	–	11	107	842	6,797	34,003	232,448
Divorced	42,754	9	312	1,806	4,852	9,265	11,546	14,964
Not stated	2,511	4	16	63	154	414	677	1,183
White, male	318,829	397	1,527	6,745	18,126	45,541	87,705	158,788
Never married	22,757	354	656	1,210	1,807	3,714	5,947	9,069
Ever married	294,417	39	860	5,480	16,186	41,492	81,255	149,105
Married	204,559	36	647	3,992	12,137	32,514	63,415	91,818
Widowed	64,826	–	3	53	352	2,410	10,734	51,274
Divorced	25,032	3	210	1,435	3,697	6,568	7,106	6,013
Not stated	1,655	4	11	55	133	335	503	614
White, female	317,567	206	662	1,806	5,492	18,660	52,798	237,943
Never married	22,306	146	199	282	453	1,165	3,109	16,952
Ever married	294,405	60	458	1,516	5,018	17,416	49,515	220,422
Married	67,301	54	348	1,091	3,373	10,332	21,806	30,297
Widowed	209,382	–	8	54	490	4,387	23,269	181,174
Divorced	17,722	6	102	371	1,155	2,697	4,440	8,951
Not stated	856	–	5	8	21	79	174	569
All other, both sexes	82,174	314	1,101	3,204	6,586	13,345	20,870	36,754
Never married	8,658	286	663	1,035	1,191	1,666	1,674	2,143
Ever married	72,583	27	430	2,132	5,291	11,496	18,939	34,268
Married	30,741	26	329	1,446	3,405	6,759	9,392	9,384
Widowed	33,557	1	14	92	558	2,507	7,294	23,091
Divorced	8,285	–	87	594	1,328	2,230	2,253	1,793
Not stated	933	1	8	37	104	183	257	343
All other, male	41,148	191	693	2,156	4,261	7,943	11,134	14,770
Never married	5,348	178	437	720	808	1,120	1,052	1,033
Ever married	35,192	12	252	1,407	3,373	6,685	9,906	13,557
Married	21,615	12	201	1,005	2,336	4,566	6,525	6,970
Widowed	8,741	–	3	27	177	748	2,088	5,698
Divorced	4,836	–	48	375	860	1,371	1,293	889
Not stated	608	1	4	29	80	138	176	180
All other, female	41,026	123	408	1,048	2,325	5,402	9,736	21,984
Never married	3,310	108	226	315	383	546	622	1,110
Ever married	37,391	15	178	725	1,918	4,811	9,033	20,711
Married	9,126	14	128	441	1,069	2,193	2,867	2,414
Widowed	24,816	1	11	65	381	1,759	5,206	17,393
Divorced	3,449	–	39	219	468	859	960	904
Not stated	325	–	4	8	24	45	81	163
Black, both sexes	74,656	290	1,024	2,956	6,064	12,251	19,016	33,055
Never married	8,090	265	625	988	1,127	1,573	1,566	1,946
Ever married	65,679	24	391	1,934	4,841	10,500	17,201	30,788
Married	27,003	23	299	1,295	3,058	6,003	8,290	8,035
Widowed	30,895	1	14	88	536	2,367	6,802	21,087
Divorced	7,781	–	78	551	1,247	2,130	2,109	1,666
Not stated	887	1	8	34	96	178	249	321
Black, male	36,791	171	634	1,963	3,865	7,236	10,020	12,902
Never married	4,903	160	408	685	757	1,049	964	880
Ever married	31,316	10	222	1,252	3,035	6,052	8,886	11,859
Married	18,743	10	178	883	2,057	4,028	5,723	5,864
Widowed	8,057	–	3	25	171	713	1,960	5,185
Divorced	4,516	–	41	344	807	1,311	1,203	810
Not stated	572	1	4	26	73	135	170	163
Black, female	37,865	119	390	993	2,199	5,015	8,996	20,153
Never married	3,187	105	217	303	370	524	602	1,066
Ever married	34,363	14	169	682	1,806	4,448	8,315	18,929
Married	8,260	13	121	412	1,001	1,975	2,567	2,171
Widowed	22,838	1	11	63	365	1,654	4,842	15,902
Divorced	3,265	–	37	207	440	819	906	856
Not stated	315	–	4	8	23	43	79	158

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Cerebrovascular diseases (430-438)								
All races, both sexes	143,809	234	937	2,415	4,690	10,124	26,054	99,355
Never married	10,364	185	370	502	543	821	1,682	6,261
Ever married	132,990	49	559	1,894	4,117	9,251	24,245	92,875
Married	53,549	43	417	1,344	2,834	6,120	14,528	28,263
Widowed	70,288	-	6	47	299	1,560	7,474	60,902
Divorced	9,153	6	136	503	984	1,571	2,243	3,710
Not stated	455	-	8	19	30	52	127	219
All races, male	56,544	128	455	1,260	2,505	5,411	13,191	33,594
Never married	4,282	104	213	314	336	509	965	1,841
Ever married	51,985	24	239	931	2,145	4,860	12,137	31,649
Married	34,675	23	173	681	1,531	3,591	9,234	19,442
Widowed	13,197	-	1	10	80	381	1,765	10,960
Divorced	4,113	1	65	240	534	888	1,138	1,247
Not stated	277	-	3	15	24	42	89	104
All races, female	87,265	106	482	1,155	2,185	4,713	12,863	65,761
Never married	6,082	81	157	188	207	312	717	4,420
Ever married	81,005	25	320	963	1,972	4,391	12,108	61,226
Married	18,874	20	244	663	1,303	2,529	5,294	8,821
Widowed	57,091	-	5	37	219	1,179	5,709	49,942
Divorced	5,040	5	71	263	450	683	1,105	2,463
Not stated	178	-	5	4	6	10	38	115
White, both sexes	124,345	171	622	1,476	3,108	7,510	21,438	90,020
Never married	8,380	131	200	227	271	503	1,302	5,746
Ever married	115,680	40	418	1,243	2,824	6,985	20,051	84,119
Married	46,403	36	313	909	2,003	4,816	12,464	25,862
Widowed	61,966	-	2	21	165	1,018	5,780	54,980
Divorced	7,311	4	103	313	656	1,151	1,807	3,277
Not stated	285	-	4	6	13	22	85	155
White, male	47,934	99	319	781	1,635	4,036	10,919	30,145
Never married	3,198	78	126	158	173	319	733	1,611
Ever married	44,570	21	190	618	1,452	3,698	10,128	28,463
Married	30,090	21	139	461	1,065	2,800	7,880	17,724
Widowed	11,307	-	1	3	37	237	1,346	9,683
Divorced	3,173	-	50	154	350	661	902	1,056
Not stated	166	-	3	5	10	19	58	71
White, female	76,411	72	303	695	1,473	3,474	10,519	59,875
Never married	5,182	53	74	69	98	184	569	4,135
Ever married	71,110	19	228	625	1,372	3,287	9,923	55,656
Married	16,313	15	174	448	938	2,016	4,584	8,138
Widowed	50,659	-	1	18	128	781	4,434	45,297
Divorced	4,138	4	53	159	306	490	905	2,221
Not stated	119	-	1	1	3	3	27	84
All other, both sexes	19,464	63	315	939	1,582	2,614	4,616	9,335
Never married	1,984	54	170	275	272	318	380	515
Ever married	17,310	9	141	651	1,293	2,266	4,194	8,756
Married	7,146	7	104	435	831	1,304	2,064	2,401
Widowed	8,322	-	4	26	134	542	1,694	5,922
Divorced	1,842	2	33	190	328	420	436	433
Not stated	170	-	4	13	17	30	42	64
All other, male	8,610	29	136	479	870	1,375	2,272	3,449
Never married	1,084	26	87	156	163	190	232	230
Ever married	7,415	3	49	313	693	1,162	2,009	3,186
Married	4,585	2	34	220	466	791	1,354	1,718
Widowed	1,890	-	-	7	43	144	419	1,277
Divorced	940	1	15	86	184	227	236	191
Not stated	111	-	-	10	14	23	31	33
All other, female	10,854	34	179	460	712	1,239	2,344	5,886
Never married	900	28	83	119	109	128	148	285
Ever married	9,895	6	92	338	600	1,104	2,185	5,570
Married	2,561	5	70	215	365	513	710	683
Widowed	6,432	-	4	19	91	398	1,275	4,645
Divorced	902	1	18	104	144	193	200	242
Not stated	59	-	4	3	3	7	11	31
Black, both sexes	17,322	55	280	869	1,429	2,345	4,102	8,242
Never married	1,845	46	152	267	257	304	362	457
Ever married	15,318	9	124	590	1,156	2,011	3,702	7,726
Married	6,126	7	91	390	731	1,113	1,759	2,035
Widowed	7,490	-	3	24	121	503	1,538	5,301
Divorced	1,702	2	30	176	304	395	405	390
Not stated	159	-	4	12	16	30	38	59
Black, male	7,599	25	119	445	804	1,245	2,008	2,953
Never married	995	22	76	150	155	183	219	190
Ever married	6,503	3	43	286	636	1,039	1,762	2,734
Married	3,936	2	30	199	421	683	1,167	1,434
Widowed	1,700	-	-	7	39	138	378	1,138
Divorced	867	1	13	80	176	218	217	162
Not stated	101	-	-	9	13	23	27	29
Black, female	9,723	30	161	424	625	1,100	2,094	5,289
Never married	850	24	76	117	102	121	143	267
Ever married	8,815	6	81	304	520	972	1,940	4,992
Married	2,190	5	61	191	310	430	592	601
Widowed	5,790	-	3	17	82	365	1,160	4,163
Divorced	835	1	17	96	128	177	188	228
Not stated	58	-	4	3	3	7	11	30

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Pneumonia and influenza (480-487)								
All races, both sexes	78,567	231	762	1,416	1,751	3,922	10,665	59,820
Never married	8,138	212	487	587	420	617	1,087	4,728
Ever married	69,910	15	265	795	1,294	3,248	9,474	54,819
Married	24,540	13	182	465	771	2,025	5,370	15,714
Widowed	40,245	-	6	27	80	500	2,915	36,717
Divorced	5,125	2	77	303	443	723	1,189	2,388
Not stated	519	4	10	34	37	57	104	273
All races, male	36,371	119	485	950	1,114	2,447	6,359	24,897
Never married	4,180	112	334	436	313	436	709	1,840
Ever married	31,822	5	146	487	768	1,958	5,570	22,888
Married	18,278	4	105	276	453	1,317	3,846	12,277
Widowed	10,744	-	1	10	25	161	975	9,572
Divorced	2,800	1	40	201	290	480	749	1,039
Not stated	369	2	5	27	33	53	80	169
All races, female	42,196	112	277	466	637	1,475	4,306	34,923
Never married	3,958	100	153	151	107	181	378	2,888
Ever married	38,088	10	119	308	526	1,290	3,904	31,931
Married	6,262	9	77	189	318	708	1,524	3,437
Widowed	29,501	-	5	17	55	339	1,940	27,145
Divorced	2,325	1	37	102	153	243	440	1,349
Not stated	150	2	5	7	4	4	24	104
White, both sexes	70,208	154	444	864	1,241	3,073	9,156	55,276
Never married	6,824	142	262	330	280	463	905	4,442
Ever married	62,995	9	177	520	935	2,571	8,168	50,615
Married	21,990	7	121	291	566	1,654	4,765	14,586
Widowed	36,705	-	1	15	52	355	2,402	33,880
Divorced	4,300	2	55	214	317	562	1,001	2,149
Not stated	389	3	5	14	26	39	83	219
White, male	31,773	85	282	574	760	1,919	5,424	22,729
Never married	3,306	80	186	259	205	317	578	1,681
Ever married	28,194	3	93	303	532	1,565	4,784	20,914
Married	16,337	2	69	162	307	1,066	3,385	11,346
Widowed	9,581	-	-	5	16	113	782	8,665
Divorced	2,276	1	24	136	209	386	617	903
Not stated	273	2	3	12	23	37	62	134
White, female	38,435	69	162	290	481	1,154	3,732	32,547
Never married	3,518	62	76	71	75	146	327	2,761
Ever married	34,801	6	84	217	403	1,006	3,384	29,701
Married	5,653	5	52	129	259	588	1,380	3,240
Widowed	27,124	-	1	10	36	242	1,620	25,215
Divorced	2,024	1	31	78	108	176	384	1,246
Not stated	116	1	2	2	3	2	21	85
All other, both sexes	8,359	77	318	552	510	849	1,509	4,544
Never married	1,314	70	225	257	140	154	182	286
Ever married	6,915	6	88	275	359	677	1,306	4,204
Married	2,550	6	61	174	205	371	605	1,128
Widowed	3,540	-	5	12	28	145	513	2,837
Divorced	825	-	22	89	126	161	188	239
Not stated	130	1	5	20	11	18	21	54
All other, male	4,598	34	203	376	354	528	935	2,168
Never married	874	32	148	177	108	119	131	159
Ever married	3,628	2	53	184	236	393	786	1,974
Married	1,941	2	36	114	146	251	461	931
Widowed	1,163	-	1	5	9	48	193	907
Divorced	524	-	16	65	81	94	132	136
Not stated	96	-	2	15	10	16	18	35
All other, female	3,761	43	115	176	156	321	574	2,376
Never married	440	38	77	80	32	35	51	127
Ever married	3,287	4	35	91	123	284	520	2,230
Married	609	4	25	60	59	120	144	197
Widowed	2,377	-	4	7	19	97	320	1,930
Divorced	301	-	6	24	45	67	56	103
Not stated	34	1	3	5	1	2	3	19
Black, both sexes	7,258	69	295	519	470	772	1,360	3,773
Never married	1,217	63	212	243	131	142	163	263
Ever married	5,918	5	78	256	328	613	1,176	3,462
Married	2,146	5	56	164	188	325	530	878
Widowed	3,030	-	5	11	26	136	474	2,378
Divorced	742	-	17	81	114	152	172	206
Not stated	123	1	5	20	11	17	21	48
Black, male	3,987	32	190	357	329	484	845	1,750
Never married	807	31	140	169	101	111	116	139
Ever married	3,090	1	48	173	218	358	711	1,581
Married	1,614	1	33	108	134	220	410	708
Widowed	1,001	-	1	4	9	48	179	760
Divorced	475	-	14	61	75	90	122	113
Not stated	90	-	2	15	10	15	18	30
Black, female	3,271	37	105	162	141	288	515	2,023
Never married	410	32	72	74	30	31	47	124
Ever married	2,828	4	30	83	110	255	465	1,881
Married	532	4	23	56	54	105	120	170
Widowed	2,029	-	4	7	17	88	295	1,618
Divorced	267	-	3	20	39	62	50	93
Not stated	33	1	3	5	1	2	3	18

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Chronic obstructive pulmonary diseases and allied conditions (490-496)								
All races, both sexes	86,446	178	300	608	2,277	10,328	27,518	45,237
Never married	5,538	159	156	170	278	771	1,492	2,512
Ever married	80,548	17	143	430	1,977	9,488	25,918	42,575
Married	39,692	16	110	275	1,168	5,719	14,862	17,542
Widowed	32,051	-	2	11	163	1,669	7,798	22,408
Divorced	8,805	1	31	144	646	2,100	3,258	2,625
Not stated	360	2	1	8	22	69	108	150
All races, male	49,265	91	155	322	1,153	5,832	16,132	25,580
Never married	3,432	84	87	106	203	559	1,037	1,356
Ever married	45,567	5	67	210	933	5,224	15,013	24,115
Married	29,511	4	55	137	562	3,556	10,697	14,500
Widowed	11,159	-	-	3	38	463	2,452	8,203
Divorced	4,897	1	12	70	333	1,205	1,864	1,412
Not stated	266	2	1	6	17	49	82	109
All races, female	37,181	87	145	286	1,124	4,496	11,386	19,657
Never married	2,106	75	69	64	75	212	455	1,156
Ever married	34,981	12	76	220	1,044	4,264	10,905	18,460
Married	10,181	12	55	138	606	2,163	4,165	3,042
Widowed	20,892	-	2	8	125	1,206	5,346	14,205
Divorced	3,908	-	19	74	313	895	1,394	1,213
Not stated	94	-	-	2	5	20	26	41
White, both sexes	80,046	108	174	402	1,824	9,236	25,580	42,722
Never married	4,757	95	75	94	189	611	1,326	2,367
Ever married	74,987	12	99	302	1,621	8,574	24,155	40,224
Married	37,016	11	73	199	975	5,215	13,975	16,568
Widowed	29,977	-	1	6	115	1,472	7,185	21,198
Divorced	7,994	1	25	97	531	1,887	2,995	2,458
Not stated	302	1	-	6	14	51	99	131
White, male	45,154	50	91	213	912	5,175	14,833	23,880
Never married	2,907	45	46	65	142	447	910	1,252
Ever married	42,027	4	45	143	759	4,693	13,850	22,633
Married	27,417	3	34	92	459	3,228	9,973	13,628
Widowed	10,202	-	-	2	25	387	2,178	7,610
Divorced	4,408	1	11	49	275	1,078	1,699	1,295
Not stated	220	1	-	5	11	35	73	95
White, female	34,892	58	83	189	912	4,061	10,747	18,842
Never married	1,850	50	29	29	47	164	416	1,115
Ever married	32,960	8	54	159	862	3,881	10,305	17,691
Married	9,599	8	39	107	516	1,987	4,002	2,940
Widowed	19,775	-	1	4	90	1,085	5,007	13,588
Divorced	3,586	-	14	48	256	809	1,296	1,163
Not stated	82	-	-	1	3	16	26	36
All other, both sexes	6,400	70	126	206	453	1,092	1,938	2,515
Never married	781	64	81	76	89	160	166	145
Ever married	5,561	5	44	128	356	914	1,763	2,351
Married	2,676	5	37	76	193	504	887	974
Widowed	2,074	-	1	5	48	197	613	1,210
Divorced	811	-	6	47	115	213	263	167
Not stated	58	1	1	2	8	18	9	19
All other, male	4,111	41	64	109	241	657	1,299	1,700
Never married	525	39	41	41	61	112	127	104
Ever married	3,540	1	22	67	174	531	1,163	1,582
Married	2,094	1	21	45	103	328	724	872
Widowed	957	-	-	1	13	76	274	593
Divorced	489	-	1	21	58	127	165	117
Not stated	46	1	1	1	6	14	9	14
All other, female	2,289	29	62	97	212	435	639	815
Never married	256	25	40	35	28	48	39	41
Ever married	2,021	4	22	61	182	383	600	769
Married	582	4	16	31	90	176	163	102
Widowed	1,117	-	1	4	35	121	339	617
Divorced	322	-	5	26	57	86	98	50
Not stated	12	-	-	1	2	4	-	5
Black, both sexes	5,562	63	118	191	419	971	1,704	2,096
Never married	718	60	76	70	85	155	148	124
Ever married	4,791	2	41	119	326	799	1,550	1,954
Married	2,229	2	35	70	172	424	749	777
Widowed	1,832	-	1	5	47	183	560	1,036
Divorced	730	-	5	44	107	192	241	141
Not stated	53	1	1	2	8	17	6	18
Black, male	3,562	38	62	104	221	592	1,132	1,413
Never married	478	36	39	40	57	108	112	86
Ever married	3,043	1	22	63	158	471	1,014	1,314
Married	1,751	1	21	43	91	282	611	702
Widowed	854	-	-	1	13	73	251	516
Divorced	438	-	1	19	54	116	152	96
Not stated	41	1	1	1	6	13	6	13
Black, female	2,000	25	56	87	198	379	572	683
Never married	240	24	37	30	28	47	36	38
Ever married	1,748	1	19	56	168	328	536	640
Married	478	1	14	27	81	142	138	75
Widowed	978	-	1	4	34	110	309	520
Divorced	292	-	4	25	53	76	89	45
Not stated	12	-	-	1	2	4	-	5

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Accidents and adverse effects (E800-E949)								
All races, both sexes	84,724	16,241	15,950	11,713	7,375	7,232	8,405	17,808
Never married	26,880	14,113	6,872	2,386	837	678	677	1,317
Ever married	56,965	2,052	8,885	9,142	6,408	6,434	7,632	16,412
Married	32,503	1,714	6,268	5,872	4,226	4,275	4,571	5,577
Widowed	13,928	34	138	227	386	880	2,207	10,056
Divorced	10,534	304	2,479	3,043	1,796	1,279	854	779
Not stated	879	76	193	185	130	120	96	79
All races, male	57,336	12,470	12,479	9,012	5,350	4,954	5,111	7,960
Never married	21,006	11,029	5,755	2,019	675	524	453	551
Ever married	35,599	1,375	6,567	6,831	4,563	4,327	4,579	7,357
Married	23,838	1,195	4,689	4,422	3,098	3,087	3,249	4,098
Widowed	4,235	11	59	84	152	328	753	2,848
Divorced	7,526	169	1,819	2,325	1,313	912	577	411
Not stated	731	66	157	162	112	103	79	52
All races, female	27,388	3,771	3,471	2,701	2,025	2,278	3,294	9,848
Never married	5,874	3,084	1,117	367	162	154	224	766
Ever married	21,366	677	2,318	2,311	1,845	2,107	3,053	9,055
Married	8,665	519	1,579	1,450	1,128	1,188	1,322	1,479
Widowed	9,693	23	79	143	234	552	1,454	7,208
Divorced	3,008	135	660	718	483	367	277	368
Not stated	148	10	36	23	18	17	17	27
White, both sexes	71,620	13,827	13,037	9,376	5,962	5,991	7,235	16,192
Never married	21,562	11,936	5,148	1,627	568	501	574	1,208
Ever married	49,432	1,832	7,748	7,630	5,300	5,403	6,595	14,924
Married	28,069	1,513	5,368	4,852	3,515	3,655	4,039	5,127
Widowed	12,229	32	117	161	290	675	1,839	9,115
Divorced	9,134	287	2,263	2,617	1,495	1,073	717	682
Not stated	626	59	141	119	94	87	66	60
White, male	47,962	10,576	10,252	7,203	4,303	4,096	4,378	7,154
Never married	16,777	9,296	4,385	1,407	457	378	370	484
Ever married	30,663	1,228	5,752	5,691	3,763	3,645	3,953	6,631
Married	20,517	1,055	4,018	3,638	2,560	2,636	2,865	3,745
Widowed	3,613	11	50	56	107	245	606	2,538
Divorced	6,533	162	1,684	1,997	1,096	764	482	348
Not stated	522	52	115	105	83	73	55	39
White, female	23,658	3,251	2,785	2,173	1,659	1,895	2,857	9,038
Never married	4,785	2,640	763	220	111	123	204	724
Ever married	18,769	604	1,996	1,939	1,537	1,758	2,642	8,293
Married	7,552	458	1,350	1,214	955	1,019	1,174	1,382
Widowed	8,616	21	67	105	183	430	1,233	6,577
Divorced	2,601	125	579	620	399	309	235	334
Not stated	104	7	26	14	11	14	11	21
All other, both sexes	13,104	2,414	2,913	2,337	1,413	1,241	1,170	1,616
Never married	5,318	2,177	1,724	759	269	177	103	109
Ever married	7,533	220	1,137	1,512	1,108	1,031	1,037	1,488
Married	4,434	201	900	1,020	711	620	532	450
Widowed	1,699	2	21	66	96	205	368	941
Divorced	1,400	17	216	426	301	206	137	97
Not stated	253	17	52	66	36	33	30	19
All other, male	9,374	1,894	2,227	1,809	1,047	858	733	806
Never married	4,229	1,733	1,370	612	218	146	83	67
Ever married	4,936	147	815	1,140	800	682	626	726
Married	3,321	140	671	784	538	451	384	353
Widowed	622	-	9	28	45	83	147	310
Divorced	993	7	135	328	217	148	95	63
Not stated	209	14	42	57	29	30	24	13
All other, female	3,730	520	686	528	366	383	437	810
Never married	1,089	444	354	147	51	31	20	42
Ever married	2,597	73	322	372	308	349	411	762
Married	1,113	61	229	236	173	169	148	97
Widowed	1,077	2	12	38	51	122	221	631
Divorced	407	10	81	98	84	58	42	34
Not stated	44	3	10	9	7	3	6	6
Black, both sexes	10,778	1,828	2,394	1,950	1,179	1,062	994	1,371
Never married	4,337	1,643	1,443	664	232	165	96	94
Ever married	6,200	171	902	1,223	911	865	869	1,259
Married	3,540	160	705	810	568	513	426	358
Widowed	1,462	1	18	51	82	174	319	817
Divorced	1,198	10	179	362	261	178	124	84
Not stated	241	14	49	63	36	32	29	18
Black, male	7,740	1,455	1,838	1,519	893	747	631	657
Never married	3,450	1,323	1,142	529	188	135	76	57
Ever married	4,089	119	656	936	676	583	531	588
Married	2,695	113	535	636	441	379	315	276
Widowed	532	-	8	20	41	73	129	261
Divorced	862	6	113	280	194	131	87	51
Not stated	201	13	40	54	29	29	24	12
Black, female	3,038	373	556	431	286	315	363	714
Never married	887	320	301	135	44	30	20	37
Ever married	2,111	52	246	287	235	282	338	671
Married	845	47	170	174	127	134	111	82
Widowed	930	1	10	31	41	101	190	556
Divorced	336	4	66	82	67	47	37	33
Not stated	40	1	9	9	7	3	5	6

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Motor vehicle accidents (E810-E825)								
All races, both sexes	43,587	12,607	10,170	6,318	3,917	3,365	3,350	3,860
Never married	17,053	10,976	4,093	1,002	330	244	194	214
Ever married	26,225	1,596	6,003	5,251	3,544	3,076	3,127	3,628
Married	17,036	1,311	4,260	3,471	2,398	2,077	1,907	1,612
Widowed	3,687	33	101	140	223	453	915	1,822
Divorced	5,502	252	1,642	1,640	923	546	305	194
Not stated	309	35	74	65	43	45	29	16
All races, male	30,481	9,361	7,696	4,568	2,689	2,163	1,917	2,087
Never married	13,193	8,323	3,371	837	259	185	121	97
Ever married	17,033	1,010	4,262	3,674	2,395	1,945	1,771	1,976
Married	11,875	861	3,065	2,452	1,671	1,417	1,264	1,145
Widowed	1,374	11	45	48	80	170	306	714
Divorced	3,784	138	1,152	1,174	644	358	201	117
Not stated	255	28	63	57	35	33	25	14
All races, female	13,106	3,246	2,474	1,750	1,228	1,202	1,433	1,773
Never married	3,860	2,653	722	165	71	59	73	117
Ever married	9,192	586	1,741	1,577	1,149	1,131	1,356	1,652
Married	5,161	450	1,195	1,019	727	660	643	467
Widowed	2,313	22	56	92	143	283	609	1,108
Divorced	1,718	114	490	466	279	188	104	77
Not stated	54	7	11	8	8	12	4	4
White, both sexes	37,166	10,932	8,463	5,213	3,228	2,838	2,946	3,546
Never married	14,108	9,481	3,136	694	238	187	175	197
Ever married	22,821	1,423	5,270	4,477	2,960	2,613	2,746	3,332
Married	14,690	1,156	3,669	2,910	1,997	1,783	1,688	1,487
Widowed	3,239	31	87	105	183	366	790	1,677
Divorced	4,892	236	1,514	1,462	780	464	268	168
Not stated	237	28	57	42	30	38	25	17
White, male	25,822	8,082	6,404	3,755	2,196	1,819	1,675	1,891
Never married	10,890	7,163	2,608	596	187	142	106	88
Ever married	14,732	896	3,746	3,121	1,984	1,648	1,547	1,790
Married	10,160	754	2,630	2,041	1,375	1,205	1,111	1,044
Widowed	1,182	11	39	31	64	133	258	646
Divorced	3,390	131	1,077	1,049	545	310	178	100
Not stated	200	23	50	38	25	29	22	13
White, female	11,344	2,850	2,059	1,458	1,032	1,019	1,271	1,655
Never married	3,218	2,318	528	98	51	45	69	109
Ever married	8,089	527	1,524	1,356	976	965	1,199	1,542
Married	4,530	402	1,039	869	622	578	577	443
Widowed	2,057	20	48	74	119	233	532	1,031
Divorced	1,502	105	437	413	235	154	90	68
Not stated	37	5	7	4	5	9	3	4
All other, both sexes	6,421	1,675	1,707	1,105	689	527	404	314
Never married	2,945	1,495	957	308	92	57	19	17
Ever married	3,404	173	733	774	584	463	381	296
Married	2,346	155	591	561	401	294	219	125
Widowed	448	2	14	35	40	87	125	145
Divorced	610	16	128	178	143	82	37	26
Not stated	72	7	17	23	13	7	4	1
All other, male	4,659	1,279	1,292	813	493	344	242	196
Never married	2,303	1,160	763	241	72	43	15	9
Ever married	2,301	114	516	553	411	297	224	186
Married	1,715	107	435	411	296	212	153	101
Widowed	192	–	6	17	16	37	48	68
Divorced	394	7	75	125	99	48	23	17
Not stated	55	5	13	19	10	4	3	1
All other, female	1,762	396	415	292	196	183	162	118
Never married	642	335	194	67	20	14	4	8
Ever married	1,103	59	217	221	173	166	157	110
Married	631	48	156	150	105	82	66	24
Widowed	256	2	8	18	24	50	77	77
Divorced	216	9	53	53	44	34	14	9
Not stated	17	2	4	4	3	3	1	–
Black, both sexes	4,969	1,231	1,347	873	537	423	325	233
Never married	2,287	1,097	774	261	73	52	18	12
Ever married	2,617	130	558	591	451	364	303	220
Married	1,777	120	443	425	300	230	168	91
Widowed	342	1	12	23	28	68	103	107
Divorced	498	9	103	143	123	66	32	22
Not stated	65	4	15	21	13	7	4	1
Black, male	3,680	963	1,024	658	401	285	204	145
Never married	1,801	868	612	204	58	39	14	6
Ever married	1,828	91	400	437	333	242	187	138
Married	1,341	85	333	323	233	172	123	72
Widowed	153	–	6	11	12	30	42	52
Divorced	334	6	61	103	88	40	22	14
Not stated	51	4	12	17	10	4	3	1
Black, female	1,289	268	323	215	136	138	121	88
Never married	486	229	162	57	15	13	4	6
Ever married	789	39	158	154	118	122	116	82
Married	436	35	110	102	67	58	45	19
Widowed	189	1	6	12	16	38	61	55
Divorced	164	3	42	40	35	26	10	8
Not stated	14	–	3	4	3	3	1	–

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
All other accidents and adverse effects (E800-E807,E826-E949)								
All races, both sexes	41,137	3,634	5,780	5,395	3,458	3,867	5,055	13,948
Never married	9,827	3,137	2,779	1,384	507	434	483	1,103
Ever married	30,740	456	2,882	3,891	2,864	3,358	4,505	12,784
Married	15,467	403	2,008	2,401	1,828	2,198	2,664	3,965
Widowed	10,241	1	37	87	163	427	1,292	8,234
Divorced	5,032	52	837	1,403	873	733	549	585
Not stated	570	41	119	120	87	75	67	61
All races, male	26,855	3,109	4,783	4,444	2,661	2,791	3,194	5,873
Never married	7,813	2,706	2,384	1,182	416	339	332	454
Ever married	18,566	365	2,305	3,157	2,168	2,382	2,808	5,381
Married	11,963	334	1,624	1,970	1,427	1,670	1,985	2,953
Widowed	2,861	–	14	36	72	158	447	2,134
Divorced	3,742	31	667	1,151	669	554	376	294
Not stated	476	38	94	105	77	70	54	38
All races, female	14,282	525	997	951	797	1,076	1,861	8,075
Never married	2,014	431	395	202	91	95	151	649
Ever married	12,174	91	577	734	696	976	1,697	7,403
Married	3,504	69	384	431	401	528	679	1,012
Widowed	7,380	1	23	51	91	269	845	6,100
Divorced	1,290	21	170	252	204	179	173	291
Not stated	94	3	25	15	10	5	13	23
White, both sexes	34,454	2,895	4,574	4,163	2,734	3,153	4,289	12,646
Never married	7,454	2,455	2,012	933	330	314	399	1,011
Ever married	26,611	409	2,478	3,153	2,340	2,790	3,849	11,592
Married	13,379	357	1,699	1,942	1,518	1,872	2,351	3,640
Widowed	8,990	1	30	56	107	309	1,049	7,438
Divorced	4,242	51	749	1,155	715	609	449	514
Not stated	389	31	84	77	64	49	41	43
White, male	22,140	2,494	3,848	3,448	2,107	2,277	2,703	5,263
Never married	5,887	2,133	1,777	811	270	236	264	396
Ever married	15,931	332	2,006	2,570	1,779	1,997	2,406	4,841
Married	10,357	301	1,388	1,597	1,185	1,431	1,754	2,701
Widowed	2,431	–	11	25	43	112	348	1,892
Divorced	3,143	31	607	948	551	454	304	248
Not stated	322	29	65	67	58	44	33	26
White, female	12,314	401	726	715	627	876	1,586	7,383
Never married	1,567	322	235	122	60	78	135	615
Ever married	10,680	77	472	583	561	793	1,443	6,751
Married	3,022	56	311	345	333	441	597	939
Widowed	6,559	1	19	31	64	197	701	5,546
Divorced	1,099	20	142	207	164	155	145	266
Not stated	67	2	19	10	6	5	8	17
All other, both sexes	6,683	739	1,206	1,232	724	714	766	1,302
Never married	2,373	682	767	451	177	120	84	92
Ever married	4,129	47	404	738	524	568	656	1,192
Married	2,088	46	309	459	310	326	313	325
Widowed	1,251	–	7	31	56	118	243	796
Divorced	790	1	88	248	158	124	100	71
Not stated	181	10	35	43	23	26	26	18
All other, male	4,715	615	935	996	554	514	491	610
Never married	1,926	573	607	371	146	103	68	58
Ever married	2,635	33	299	587	389	385	402	540
Married	1,606	33	236	373	242	239	231	252
Widowed	430	–	3	11	29	46	99	242
Divorced	599	–	60	203	118	100	72	46
Not stated	154	9	29	38	19	26	21	12
All other, female	1,968	124	271	236	170	200	275	692
Never married	447	109	160	80	31	17	16	34
Ever married	1,494	14	105	151	135	183	254	652
Married	482	13	73	86	68	87	82	73
Widowed	821	–	4	20	27	72	144	554
Divorced	191	1	28	45	40	24	28	25
Not stated	27	1	6	5	4	–	5	6
Black, both sexes	5,809	597	1,047	1,077	642	639	669	1,138
Never married	2,050	546	669	403	159	113	78	82
Ever married	3,583	41	344	632	460	501	566	1,039
Married	1,763	40	262	385	268	283	258	267
Widowed	1,120	–	6	28	54	106	216	710
Divorced	700	1	76	219	138	112	92	62
Not stated	176	10	34	42	23	25	25	17
Black, male	4,060	492	814	861	492	462	427	512
Never married	1,649	455	530	325	130	96	62	51
Ever married	2,261	28	256	499	343	341	344	450
Married	1,354	28	202	313	208	207	192	204
Widowed	379	–	2	9	29	43	87	209
Divorced	528	–	52	177	106	91	65	37
Not stated	150	9	28	37	19	25	21	11
Black, female	1,749	105	233	216	150	177	242	626
Never married	401	91	139	78	29	17	16	31
Ever married	1,322	13	88	133	117	160	222	589
Married	409	12	60	72	60	76	66	63
Widowed	741	–	4	19	25	63	129	501
Divorced	172	1	24	42	32	21	27	25
Not stated	26	1	6	5	4	–	4	6

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Suicide (E950-E959)								
All races, both sexes	30,631	4,869	6,550	5,717	3,718	3,383	3,230	3,164
Never married	9,498	4,205	3,031	1,168	405	279	244	166
Ever married	20,928	650	3,470	4,512	3,271	3,077	2,966	2,982
Married	12,775	511	2,298	2,715	2,013	1,976	1,817	1,445
Widowed	2,856	10	81	130	185	359	770	1,321
Divorced	5,297	129	1,091	1,667	1,073	742	379	216
Not stated	205	14	49	37	42	27	20	16
All races, male	24,521	4,160	5,339	4,424	2,836	2,563	2,546	2,653
Never married	8,092	3,634	2,582	968	338	229	207	134
Ever married	16,248	514	2,712	3,426	2,460	2,311	2,321	2,504
Married	10,333	408	1,821	2,086	1,558	1,565	1,548	1,347
Widowed	1,911	9	72	85	111	186	473	975
Divorced	4,004	97	819	1,255	791	560	300	182
Not stated	181	12	45	30	38	23	18	15
All races, female	6,110	709	1,211	1,293	882	820	684	511
Never married	1,406	571	449	200	67	50	37	32
Ever married	4,680	136	758	1,086	811	766	645	478
Married	2,442	103	477	629	455	411	269	98
Widowed	945	1	9	45	74	173	297	346
Divorced	1,293	32	272	412	282	182	79	34
Not stated	24	2	4	7	4	4	2	1
White, both sexes	27,852	4,182	5,683	5,183	3,449	3,201	3,083	3,071
Never married	8,130	3,579	2,546	1,017	353	251	226	158
Ever married	19,561	593	3,104	4,138	3,061	2,925	2,841	2,899
Married	11,868	460	2,020	2,464	1,888	1,884	1,741	1,411
Widowed	2,685	9	60	105	163	337	732	1,279
Divorced	5,008	124	1,024	1,569	1,010	704	368	209
Not stated	161	10	33	28	35	25	16	14
White, male	22,275	3,569	4,625	4,008	2,630	2,428	2,435	2,580
Never married	6,957	3,092	2,187	852	297	206	195	128
Ever married	15,177	468	2,408	3,134	2,302	2,201	2,225	2,439
Married	9,586	366	1,588	1,881	1,460	1,491	1,483	1,317
Widowed	1,802	8	53	67	97	179	451	947
Divorced	3,789	94	767	1,186	745	531	291	175
Not stated	141	9	30	22	31	21	15	13
White, female	5,577	613	1,058	1,175	819	773	648	491
Never married	1,173	487	359	165	56	45	31	30
Ever married	4,384	125	696	1,004	759	724	616	460
Married	2,282	94	432	583	428	393	258	94
Widowed	883	1	7	38	66	158	281	332
Divorced	1,219	30	257	383	265	173	77	34
Not stated	20	1	3	6	4	4	1	1
All other, both sexes	2,779	687	867	534	269	182	147	93
Never married	1,368	626	485	151	52	28	18	8
Ever married	1,367	57	366	374	210	152	125	83
Married	907	51	278	251	125	92	76	34
Widowed	171	1	21	25	22	22	38	42
Divorced	289	5	67	98	63	38	11	7
Not stated	44	4	16	9	7	2	4	2
All other, male	2,246	591	714	416	206	135	111	73
Never married	1,135	542	395	116	41	23	12	6
Ever married	1,071	46	304	292	158	110	96	65
Married	747	42	233	205	98	74	65	30
Widowed	109	1	19	18	14	7	22	28
Divorced	215	3	52	69	46	29	9	7
Not stated	40	3	15	8	7	2	3	2
All other, female	533	96	153	118	63	47	36	20
Never married	233	84	90	35	11	5	6	2
Ever married	296	11	62	82	52	42	29	18
Married	160	9	45	46	27	18	11	4
Widowed	62	-	2	7	8	15	16	14
Divorced	74	2	15	29	17	9	2	-
Not stated	4	1	1	1	-	-	1	-
Black, both sexes	2,080	465	675	423	219	125	113	60
Never married	1,017	417	388	127	45	21	14	5
Ever married	1,024	44	274	288	167	103	95	53
Married	676	41	208	196	94	58	56	24
Widowed	124	1	17	21	19	14	29	23
Divorced	224	2	49	72	54	31	10	6
Not stated	39	4	13	8	7	1	4	2
Black, male	1,715	404	567	332	174	95	90	53
Never married	839	364	314	94	36	16	11	4
Ever married	841	37	241	231	131	78	76	47
Married	582	35	182	166	79	48	49	23
Widowed	87	1	16	15	12	6	19	18
Divorced	172	1	43	50	40	24	8	6
Not stated	35	3	12	7	7	1	3	2
Black, female	365	61	108	91	45	30	23	7
Never married	178	53	74	33	9	5	3	1
Ever married	183	7	33	57	36	25	19	6
Married	94	6	26	29	15	10	7	1
Widowed	37	-	1	6	7	8	10	5
Divorced	52	1	6	22	14	7	2	-
Not stated	4	1	1	1	-	-	1	-

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
Homicide and legal intervention (E960-E978)								
All races, both sexes	23,612	7,354	7,643	4,417	1,892	1,055	682	569
Never married	12,591	6,583	4,287	1,176	282	137	83	43
Ever married	10,517	691	3,172	3,126	1,553	882	574	519
Married	6,618	594	2,253	1,933	910	481	278	169
Widowed	886	16	72	101	92	114	188	303
Divorced	3,013	81	847	1,092	551	287	108	47
Not stated	504	80	184	115	57	36	25	7
All races, male	18,847	6,222	6,096	3,516	1,484	802	456	271
Never married	10,777	5,663	3,629	1,010	249	125	68	33
Ever married	7,640	493	2,315	2,405	1,182	646	366	233
Married	5,042	439	1,714	1,509	709	373	198	100
Widowed	361	5	16	54	42	53	87	104
Divorced	2,237	49	585	842	431	220	81	29
Not stated	430	66	152	101	53	31	22	5
All races, female	4,765	1,132	1,547	901	408	253	226	298
Never married	1,814	920	658	166	33	12	15	10
Ever married	2,877	198	857	721	371	236	208	286
Married	1,576	155	539	424	201	108	80	69
Widowed	525	11	56	47	50	61	101	199
Divorced	776	32	262	250	120	67	27	18
Not stated	74	14	32	14	4	5	3	2
White, both sexes	11,445	2,965	3,493	2,319	1,169	664	457	378
Never married	4,733	2,456	1,505	452	150	84	59	27
Ever married	6,420	462	1,887	1,803	980	558	382	348
Married	3,942	385	1,272	1,083	558	318	195	131
Widowed	528	8	40	58	51	59	119	193
Divorced	1,950	69	575	662	371	181	68	24
Not stated	292	47	101	64	39	22	16	3
White, male	8,734	2,375	2,724	1,807	880	485	294	169
Never married	3,996	2,021	1,298	401	132	76	49	19
Ever married	4,486	316	1,340	1,350	711	391	231	147
Married	2,879	275	941	823	411	232	126	71
Widowed	193	1	7	29	17	25	52	62
Divorced	1,414	40	392	498	283	134	53	14
Not stated	252	38	86	56	37	18	14	3
White, female	2,711	590	769	512	289	179	163	209
Never married	737	435	207	51	18	8	10	8
Ever married	1,934	146	547	453	269	167	151	201
Married	1,063	110	331	260	147	86	69	60
Widowed	335	7	33	29	34	34	67	131
Divorced	536	29	183	164	88	47	15	10
Not stated	40	9	15	8	2	4	2	-
All other, both sexes	12,167	4,389	4,150	2,098	723	391	225	191
Never married	7,858	4,127	2,782	724	132	53	24	16
Ever married	4,097	229	1,285	1,323	573	324	192	171
Married	2,676	209	981	850	352	163	83	38
Widowed	358	8	32	43	41	55	69	110
Divorced	1,063	12	272	430	180	106	40	23
Not stated	212	33	83	51	18	14	9	4
All other, male	10,113	3,847	3,372	1,709	604	317	162	102
Never married	6,781	3,642	2,331	609	117	49	19	14
Ever married	3,154	177	975	1,055	471	255	135	86
Married	2,163	164	773	686	298	141	72	29
Widowed	168	4	9	25	25	28	35	42
Divorced	823	9	193	344	148	86	28	15
Not stated	178	28	66	45	16	13	8	2
All other, female	2,054	542	778	389	119	74	63	89
Never married	1,077	485	451	115	15	4	5	2
Ever married	943	52	310	268	102	69	57	85
Married	513	45	208	164	54	22	11	9
Widowed	190	4	23	18	16	27	34	68
Divorced	240	3	79	86	32	20	12	8
Not stated	34	5	17	6	2	1	1	2
Black, both sexes	11,574	4,201	3,984	1,969	663	363	209	185
Never married	7,576	3,955	2,700	703	128	50	24	16
Ever married	3,792	213	1,204	1,216	518	299	177	165
Married	2,453	194	922	768	313	146	73	37
Widowed	339	8	29	40	38	52	66	106
Divorced	1,000	11	253	408	167	101	38	22
Not stated	206	33	80	50	17	14	8	4
Black, male	9,663	3,692	3,250	1,614	560	299	149	99
Never married	6,546	3,499	2,261	592	113	48	19	14
Ever married	2,942	165	924	977	432	238	123	83
Married	2,001	153	735	623	269	128	64	29
Widowed	163	4	9	25	24	28	33	40
Divorced	778	8	180	329	139	82	26	14
Not stated	175	28	65	45	15	13	7	2
Black, female	1,911	509	734	355	103	64	60	86
Never married	1,030	456	439	111	15	2	5	2
Ever married	850	48	280	239	86	61	54	82
Married	452	41	187	145	44	18	9	8
Widowed	176	4	20	15	14	24	33	66
Divorced	222	3	73	79	28	19	12	8
Not stated	31	5	15	5	2	1	1	2

Table 1-34. Deaths From Selected Causes for Ages 15 Years and Over, by Marital Status, 10-Year Age Groups, Race, and Sex: United States, 1990—Con.

(Page 14 of 14)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, marital status, race, and sex	15 years and over [1]	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
All other causes								
All races, both sexes	351,739	4,234	10,075	17,523	20,232	35,904	68,960	194,811
Never married	41,779	3,775	5,961	5,985	3,468	3,783	5,251	13,556
Ever married	307,597	431	3,925	11,141	16,428	31,721	63,314	180,637
Married	135,811	381	2,783	6,544	9,950	20,213	38,210	57,730
Widowed	140,371	5	97	393	1,161	5,008	18,640	115,067
Divorced	31,415	45	1,045	4,204	5,317	6,500	6,464	7,840
Not stated	2,363	28	189	397	336	400	395	618
All races, male	169,416	2,555	6,312	11,754	12,833	21,473	38,367	76,122
Never married	24,182	2,381	4,094	4,427	2,531	2,615	3,273	4,861
Ever married	143,467	154	2,075	6,999	10,011	18,519	34,795	70,914
Married	92,196	129	1,432	4,020	6,073	12,710	25,654	42,178
Widowed	32,941	4	25	144	363	1,519	5,306	25,580
Divorced	18,330	21	618	2,835	3,575	4,290	3,835	3,156
Not stated	1,767	20	143	328	291	339	299	347
All races, female	182,323	1,679	3,763	5,769	7,399	14,431	30,593	118,689
Never married	17,597	1,394	1,867	1,558	937	1,168	1,978	8,695
Ever married	164,130	277	1,850	4,142	6,417	13,202	28,519	109,723
Married	43,615	252	1,351	2,524	3,877	7,503	12,556	15,552
Widowed	107,430	1	72	249	798	3,489	13,334	89,487
Divorced	13,085	24	427	1,369	1,742	2,210	2,629	4,684
Not stated	596	8	46	69	45	61	96	271
White, both sexes	298,933	3,041	6,666	11,654	14,502	28,543	59,006	175,521
Never married	31,380	2,678	3,668	3,553	2,127	2,719	4,302	12,333
Ever married	266,055	347	2,896	7,877	12,184	25,586	54,442	162,723
Married	118,091	302	1,998	4,566	7,451	16,784	33,964	53,026
Widowed	122,340	4	65	185	661	3,566	15,064	102,795
Divorced	25,624	41	833	3,126	4,072	5,236	5,414	6,902
Not stated	1,498	16	102	224	191	238	262	465
White, male	142,216	1,883	4,319	8,014	9,252	17,287	33,165	68,296
Never married	17,620	1,751	2,668	2,793	1,575	1,877	2,651	4,305
Ever married	123,508	121	1,573	5,032	7,515	15,204	30,314	63,749
Married	80,465	99	1,051	2,796	4,537	10,581	22,775	38,626
Widowed	28,130	3	16	73	197	1,089	4,321	22,431
Divorced	14,913	19	506	2,163	2,781	3,534	3,218	2,692
Not stated	1,088	11	78	189	162	206	200	242
White, female	156,717	1,158	2,347	3,640	5,250	11,256	25,841	107,225
Never married	13,760	927	1,000	760	552	842	1,651	8,028
Ever married	142,547	226	1,323	2,845	4,669	10,382	24,128	98,974
Married	37,626	203	947	1,770	2,914	6,203	11,189	14,400
Widowed	94,210	1	49	112	464	2,477	10,743	80,364
Divorced	10,711	22	327	963	1,291	1,702	2,196	4,210
Not stated	410	5	24	35	29	32	62	223
All other, both sexes	52,806	1,193	3,409	5,869	5,730	7,361	9,954	19,290
Never married	10,399	1,097	2,293	2,432	1,341	1,064	949	1,223
Ever married	41,542	84	1,029	3,264	4,244	6,135	8,872	17,914
Married	17,720	79	785	1,978	2,499	3,429	4,246	4,704
Widowed	18,031	1	32	208	500	1,442	3,576	12,272
Divorced	5,791	4	212	1,078	1,245	1,264	1,050	938
Not stated	865	12	87	173	145	162	133	153
All other, male	27,200	672	1,993	3,740	3,581	4,186	5,202	7,826
Never married	6,562	630	1,426	1,634	956	738	622	556
Ever married	19,959	33	502	1,967	2,496	3,315	4,481	7,165
Married	11,791	30	381	1,224	1,536	2,129	2,879	3,552
Widowed	4,811	1	9	71	166	430	985	3,149
Divorced	3,417	2	112	672	794	756	617	464
Not stated	679	9	65	139	129	133	99	105
All other, female	25,606	521	1,416	2,129	2,149	3,175	4,752	11,464
Never married	3,837	467	867	798	385	326	327	667
Ever married	21,583	51	527	1,297	1,748	2,820	4,391	10,749
Married	5,989	49	404	754	963	1,300	1,367	1,152
Widowed	13,220	-	23	137	334	1,012	2,591	9,123
Divorced	2,374	2	100	406	451	508	433	474
Not stated	186	3	22	34	16	29	34	48
Black, both sexes	47,770	1,060	3,111	5,417	5,200	6,617	8,987	17,378
Never married	9,691	980	2,132	2,309	1,254	999	881	1,136
Ever married	37,256	68	896	2,943	3,810	5,466	7,978	16,095
Married	15,356	64	684	1,765	2,199	2,940	3,684	4,020
Widowed	16,553	1	31	191	461	1,347	3,312	11,210
Divorced	5,347	3	181	987	1,150	1,179	982	865
Not stated	823	12	83	165	136	152	128	147
Black, male	24,382	589	1,823	3,453	3,255	3,767	4,636	6,859
Never married	6,080	554	1,324	1,551	894	689	570	498
Ever married	17,656	26	437	1,770	2,240	2,951	3,971	6,261
Married	10,119	24	330	1,089	1,354	1,846	2,482	2,994
Widowed	4,398	1	9	68	153	400	914	2,853
Divorced	3,139	1	98	613	733	705	575	414
Not stated	646	9	62	132	121	127	95	100
Black, female	23,388	471	1,288	1,964	1,945	2,850	4,351	10,519
Never married	3,611	426	808	758	360	310	311	638
Ever married	19,600	42	459	1,173	1,570	2,515	4,007	9,834
Married	5,237	40	354	676	845	1,094	1,202	1,026
Widowed	12,155	-	22	123	308	947	2,398	8,357
Divorced	2,208	2	83	374	417	474	407	451
Not stated	177	3	21	33	15	25	33	47

[1] Excludes figures for age not stated.

Table 1-35. Deaths for Ages 15 Years and over, by Marital Status, Race, and Sex: United States and Each State, 1990
(Page 1 of 3)

Area and race	Male							Female						
	Total	Marital status						Total	Marital status					
		Never married	Ever married	Married	Widowed	Divorced	Not stated		Never married	Ever married	Married	Widowed	Divorced	Not stated
United States	1,082,062	140,378	933,941	641,733	191,283	100,925	7,743	1,012,121	83,493	925,580	272,084	578,878	74,618	3,048
White	929,560	105,092	819,232	569,965	165,840	83,427	5,236	887,289	68,249	816,892	240,142	514,251	62,499	2,148
All other	152,502	35,286	114,709	71,768	25,443	17,498	2,507	124,832	15,244	108,688	31,942	64,627	12,119	900
Black	136,318	32,342	101,583	62,046	23,305	16,232	2,393	113,117	14,296	97,954	27,685	58,997	11,272	867
Alabama	20,101	2,227	17,824	12,257	3,603	1,964	50	18,270	1,182	17,064	4,872	11,036	1,156	24
White	14,783	1,268	13,499	9,664	2,423	1,412	16	13,412	754	12,647	3,703	8,140	804	11
All other	5,318	959	4,325	2,593	1,180	552	34	4,858	428	4,417	1,169	2,896	352	13
Black	5,284	951	4,299	2,572	1,177	550	34	4,839	426	4,400	1,160	2,890	350	13
Alaska	1,277	278	994	627	145	222	5	728	58	670	269	284	117	-
White	916	144	769	496	94	179	3	509	26	483	201	201	81	-
All other	361	134	225	131	51	43	2	219	32	187	68	83	36	-
Black	24	5	19	10	3	6	-	24	1	23	8	8	7	-
Arizona	15,327	1,552	13,665	9,592	2,387	1,686	110	12,577	672	11,891	4,187	6,556	1,148	14
White	14,229	1,270	12,865	9,100	2,204	1,561	94	11,860	576	11,272	3,955	6,243	1,074	12
All other	1,098	282	800	492	183	125	16	717	96	619	232	313	74	2
Black	370	61	297	174	58	65	12	269	31	236	79	124	33	2
Arkansas	12,766	1,124	11,554	8,066	2,248	1,240	88	11,365	581	10,760	3,215	6,772	773	24
White	10,638	769	9,818	7,037	1,764	1,017	51	9,522	436	9,070	2,774	5,663	633	16
All other	2,128	355	1,736	1,029	484	223	37	1,843	145	1,690	441	1,109	140	8
Black	2,100	351	1,713	1,013	481	219	36	1,826	145	1,673	435	1,100	138	8
California	109,153	17,295	90,160	60,589	16,867	12,704	1,698	98,352	6,558	91,336	27,336	52,984	11,016	458
White	94,633	14,168	79,108	53,225	15,003	10,880	1,357	87,336	5,560	81,390	24,179	47,670	9,541	386
All other	14,520	3,127	11,052	7,364	1,864	1,824	341	11,016	998	9,946	3,157	5,314	1,475	72
Black	9,177	2,321	6,560	3,813	1,215	1,532	296	7,178	761	6,353	1,690	3,391	1,272	64
Colorado	10,797	1,292	9,468	6,422	1,761	1,285	37	10,136	639	9,488	2,913	5,521	1,054	9
White	10,318	1,217	9,068	6,178	1,697	1,193	33	9,778	609	9,160	2,813	5,364	983	9
All other	479	75	400	244	64	92	4	358	30	328	100	157	71	-
Black	385	63	318	191	54	73	4	278	25	253	68	122	63	-
Connecticut	13,368	1,959	11,296	7,873	2,419	1,004	113	13,710	1,543	12,086	3,462	7,663	961	81
White	12,354	1,684	10,592	7,433	2,290	869	78	12,926	1,392	11,471	3,267	7,335	869	63
All other	1,014	275	704	440	129	135	35	784	151	615	195	328	92	18
Black	953	262	657	408	120	129	34	759	149	592	185	319	88	18
Delaware	2,812	358	2,439	1,676	494	269	15	2,791	218	2,567	741	1,614	212	6
White	2,329	232	2,089	1,456	427	206	8	2,364	158	2,204	630	1,394	180	2
All other	483	126	350	220	67	63	7	427	60	363	111	220	32	4
Black	465	124	334	210	65	59	7	418	60	354	109	214	31	4
District of Columbia	3,774	1,272	2,468	1,441	549	478	34	3,171	579	2,572	629	1,613	330	20
White	859	317	532	283	134	115	10	814	196	610	132	406	72	8
All other	2,915	955	1,936	1,158	415	363	24	2,357	383	1,962	497	1,207	258	12
Black	2,895	946	1,925	1,151	412	362	24	2,337	378	1,947	492	1,198	257	12
Florida	71,135	6,891	63,507	44,806	12,085	6,616	737	60,450	3,562	56,733	18,293	33,765	4,675	155
White	63,338	4,989	57,865	41,329	10,856	5,680	484	54,333	2,765	51,457	16,756	30,658	4,043	111
All other	7,797	1,902	5,642	3,477	1,229	936	253	6,117	797	5,276	1,537	3,107	632	44
Black	7,606	1,881	5,472	3,339	1,210	923	253	6,007	789	5,174	1,478	3,070	626	44
Georgia	26,256	3,393	22,749	15,705	4,126	2,918	114	23,670	1,835	21,806	6,204	13,658	1,944	29
White	18,924	1,795	17,094	12,154	2,789	2,151	35	17,226	1,073	16,144	4,624	10,072	1,448	9
All other	7,332	1,598	5,655	3,551	1,337	767	79	6,444	762	5,662	1,580	3,586	496	20
Black	7,255	1,585	5,592	3,492	1,334	766	78	6,380	760	5,600	1,559	3,553	488	20
Hawaii	3,827	645	3,172	2,271	525	376	10	2,758	205	2,552	897	1,430	225	1
White	1,127	192	930	619	141	170	5	852	63	788	240	450	98	1
All other	2,700	453	2,242	1,652	384	206	5	1,906	142	1,764	657	980	127	-
Black	23	9	14	10	2	2	-	13	1	12	7	3	2	-
Idaho	3,931	354	3,567	2,483	649	435	10	3,292	131	3,161	1,040	1,859	262	-
White	3,880	340	3,530	2,462	640	428	10	3,262	129	3,133	1,032	1,846	255	-
All other	51	14	37	21	9	7	-	30	2	28	8	13	7	-
Black	4	3	1	1	-	-	-	3	-	3	1	-	2	-
Illinois	50,803	7,323	43,085	29,051	9,405	4,629	395	49,425	4,592	44,719	12,221	28,946	3,552	114
White	42,231	5,133	36,847	25,321	8,050	3,476	251	42,624	3,726	38,815	10,619	25,470	2,726	83
All other	8,572	2,190	6,238	3,730	1,355	1,153	144	6,801	866	5,904	1,602	3,476	826	31
Black	8,258	2,153	5,968	3,509	1,315	1,144	137	6,599	855	5,713	1,532	3,363	818	31
Indiana	24,515	2,394	22,084	15,180	4,458	2,446	37	23,881	1,708	22,146	6,253	14,022	1,871	27
White	22,576	2,027	20,521	14,268	4,113	2,140	28	22,236	1,540	20,673	5,854	13,137	1,682	23
All other	1,939	367	1,563	912	345	306	9	1,645	168	1,473	399	885	189	4
Black	1,896	360	1,528	884	341	303	8	1,621	166	1,451	385	878	188	4
Iowa	13,086	1,352	11,724	8,262	2,567	895	10	13,331	1,118	12,210	3,285	8,222	703	3
White	12,897	1,324	11,565	8,167	2,536	862	8	13,150	1,102	12,045	3,231	8,130	684	3
All other	189	28	159	95	31	33	2	181	16	165	54	92	19	-
Black	166	24	140	83	28	29	2	154	12	142	44	81	17	-
Kansas	10,914	1,108	9,794	6,844	2,017	933	12	10,880	766	10,110	2,811	6,529	770	4
White	10,294	1,003	9,282	6,524	1,916	842	9	10,352	718	9,631	2,681	6,247	703	3
All other	620	105	512	320	101	91	3	528	48	479	130	282	67	1
Black	539	97	440	273	87	80	2	470	41	428	105	262	61	1
Kentucky	17,912	1,814	16,048	11,103	3,227	1,718	50	16,485	1,208	15,248	4,482	9,657	1,109	29
White	16,603	1,558	15,008	10,475	2,963	1,570	37	15,250	1,077	14,148	4,196	8,969	983	25
All other	1,309	256	1,040	628	264	148	13	1,235	131	1,100	286	688	126	4
Black	1,293	250	1,030	622	260	148	13	1,213	128	1,081	281	676	124	4

Table 1-35. Deaths for Ages 15 Years and over, by Marital Status, Race, and Sex: United States and Each State, 1990—Con.
(Page 2 of 3)

Area and race	Male							Female						
	Total	Marital status						Total	Marital status					
		Never married	Ever married	Married	Widowed	Divorced	Not stated		Never married	Ever married	Married	Widowed	Divorced	Not stated
Louisiana	19,122	2,813	16,224	10,963	3,432	1,829	85	17,281	1,429	15,833	4,592	9,991	1,250	19
White	12,903	1,439	11,404	8,112	2,144	1,148	60	12,014	831	11,174	3,261	7,157	756	9
All other	6,219	1,374	4,820	2,851	1,288	681	25	5,267	598	4,659	1,331	2,834	494	10
Black	6,139	1,358	4,756	2,808	1,272	676	25	5,217	595	4,612	1,306	2,813	493	10
Maine	5,498	596	4,893	3,290	1,095	508	7	5,431	500	4,928	1,421	3,112	395	3
White	5,467	588	4,872	3,277	1,093	502	7	5,411	500	4,908	1,415	3,100	393	3
All other	31	10	21	13	2	6	-	20	-	20	6	12	2	-
Black	9	4	5	4	-	1	-	2	-	2	-	2	-	-
Maryland	19,142	2,917	16,039	10,992	3,449	1,598	186	18,224	1,700	16,394	4,875	10,145	1,374	130
White	14,125	1,535	12,504	8,702	2,686	1,116	86	14,294	1,103	13,125	3,828	8,259	1,098	66
All other	5,017	1,382	3,535	2,290	763	482	100	3,930	597	3,269	1,047	1,886	336	64
Black	4,843	1,368	3,377	2,161	746	470	98	3,800	584	3,152	995	1,825	332	64
Massachusetts	25,116	3,806	21,267	14,418	4,947	1,902	43	27,200	3,722	23,458	6,500	15,382	1,576	20
White	23,953	3,467	20,456	13,885	4,804	1,767	30	26,259	3,562	22,682	6,247	14,965	1,470	15
All other	1,163	339	811	533	143	135	13	941	160	776	253	417	106	5
Black	981	302	666	417	122	127	13	805	152	648	200	347	101	5
Michigan	39,380	4,803	34,423	23,153	7,233	4,037	154	37,142	2,598	34,492	10,238	21,324	2,930	52
White	32,981	3,278	29,611	20,337	6,200	3,074	92	32,079	2,053	29,991	8,953	18,750	2,288	35
All other	6,399	1,525	4,812	2,816	1,033	963	62	5,063	545	4,501	1,285	2,574	642	17
Black	6,110	1,482	4,566	2,649	987	930	62	4,814	529	4,268	1,201	2,454	613	17
Minnesota	17,194	2,240	14,939	10,385	3,163	1,391	15	16,886	1,625	15,253	4,318	9,912	1,023	8
White	16,659	2,083	14,561	10,167	3,095	1,299	15	16,569	1,593	14,968	4,228	9,773	967	8
All other	535	157	378	218	68	92	-	317	32	285	90	139	56	-
Black	285	78	207	116	35	56	-	157	14	143	35	71	37	-
Mississippi	12,896	1,473	11,365	7,727	2,422	1,216	58	11,434	836	10,570	2,936	6,980	654	28
White	8,369	711	7,650	5,498	1,361	791	8	7,506	478	7,026	1,943	4,654	429	2
All other	4,527	762	3,715	2,229	1,061	425	50	3,928	358	3,544	993	2,326	225	26
Black	4,497	753	3,694	2,212	1,059	423	50	3,896	355	3,515	983	2,308	224	26
Missouri	24,825	2,642	22,107	15,167	4,597	2,343	76	24,457	1,821	22,609	6,317	14,528	1,764	27
White	22,074	2,073	19,951	13,904	4,103	1,944	50	22,078	1,595	20,463	5,723	13,235	1,505	20
All other	2,751	569	2,156	1,263	494	399	26	2,379	226	2,146	594	1,293	259	7
Black	2,674	561	2,090	1,220	481	389	23	2,291	221	2,063	559	1,255	249	7
Montana	3,497	428	3,051	2,093	577	381	18	3,209	190	3,013	924	1,827	262	6
White	3,323	381	2,926	2,019	553	354	16	3,062	174	2,882	880	1,769	233	6
All other	174	47	125	74	24	27	2	147	16	131	44	58	29	-
Black	9	3	6	4	-	2	-	6	-	6	-	4	2	-
Nebraska	7,345	863	6,472	4,485	1,417	570	10	7,112	554	6,555	1,817	4,356	382	3
White	7,110	805	6,297	4,378	1,381	538	8	6,906	534	6,371	1,758	4,266	347	1
All other	235	58	175	107	36	32	2	206	20	184	59	90	35	2
Black	190	48	140	83	31	26	2	166	15	150	45	74	31	1
Nevada	5,205	599	4,519	2,803	762	954	87	3,843	157	3,676	1,337	1,800	539	10
White	4,811	499	4,238	2,640	717	881	74	3,591	132	3,449	1,255	1,706	488	10
All other	394	100	281	163	45	73	13	252	25	227	82	94	51	-
Black	288	70	205	112	34	59	13	183	21	162	56	70	36	-
New Hampshire	4,209	474	3,734	2,541	812	381	1	4,101	367	3,733	1,134	2,323	276	1
White	4,186	466	3,719	2,535	811	373	1	4,083	367	3,715	1,126	2,314	275	1
All other	23	8	15	6	1	8	-	18	-	18	8	9	1	-
Black	17	5	12	5	1	6	-	14	-	14	5	8	1	-
New Jersey	34,543	4,951	29,512	20,558	6,609	2,345	80	34,328	3,717	30,587	9,075	19,588	1,924	24
White	29,599	3,545	26,010	18,295	5,932	1,783	44	30,189	2,929	27,243	8,054	17,655	1,534	17
All other	4,944	1,406	3,502	2,263	677	562	36	4,139	788	3,344	1,021	1,933	390	7
Black	4,617	1,337	3,248	2,066	643	539	32	3,880	762	3,111	924	1,813	374	7
New Mexico	5,592	813	4,758	3,249	859	650	21	4,652	332	4,314	1,468	2,417	429	6
White	5,064	641	4,409	3,022	783	604	14	4,299	292	4,003	1,366	2,239	398	4
All other	528	172	349	227	76	46	7	353	40	311	102	178	31	2
Black	107	21	80	55	10	15	6	70	7	63	18	34	11	-
New York	83,495	16,016	65,365	44,700	15,163	5,502	2,114	81,597	10,431	70,016	19,439	46,204	4,373	1,150
White	69,582	11,574	56,679	38,908	13,443	4,328	1,329	70,372	8,112	61,471	16,869	41,205	3,397	789
All other	13,913	4,442	8,686	5,792	1,720	1,174	785	11,225	2,319	8,545	2,570	4,999	976	361
Black	12,965	4,307	7,886	5,152	1,600	1,134	772	10,560	2,259	7,945	2,338	4,654	953	356
North Carolina	29,419	3,488	25,842	18,328	5,025	2,489	89	26,400	2,138	24,233	7,219	15,470	1,544	29
White	22,195	1,963	20,195	14,744	3,619	1,832	37	20,407	1,393	19,000	5,627	12,188	1,185	14
All other	7,224	1,525	5,647	3,584	1,406	657	52	5,993	745	5,233	1,592	3,282	359	15
Black	6,982	1,485	5,445	3,438	1,366	641	52	5,755	720	5,020	1,511	3,166	343	15
North Dakota	2,986	531	2,452	1,787	508	157	3	2,574	252	2,322	661	1,529	132	-
White	2,892	501	2,388	1,757	487	144	3	2,508	244	2,264	643	1,499	122	-
All other	94	30	64	30	21	13	-	66	8	58	18	30	10	-
Black	5	3	2	1	-	1	-	2	-	2	1	1	-	-
Ohio	48,332	4,849	43,376	29,595	9,215	4,566	107	48,203	3,802	44,341	12,794	27,774	3,773	60
White	42,971	3,903	38,998	26,955	8,300	3,743	70	43,407	3,343	40,020	11,676	25,225	3,119	44
All other	5,361	946	4,378	2,640	915	823	37	4,796	459	4,321	1,118	2,549	654	16
Black	5,278	938	4,303	2,584	902	817	37	4,730	454	4,260	1,089	2,523	648	16
Oklahoma	15,043	1,244	13,662	9,345	2,688	1,629	137	14,642	737	13,785	3,989	8,647	1,149	120
White	13,546	995	12,444	8,634	2,407	1,403	107	13,300	629	12,579	3,650	7,920	1,009	92
All other	1,497	249	1,218	711	281	226	30	1,342	108	1,206	339	727	140	28
Black	925	160	744	414	187	143	21	875	71	790	213	486	91	14

Table 1-35. Deaths for Ages 15 Years and over, by Marital Status, Race, and Sex: United States and Each State, 1990—Con.
(Page 3 of 3)

Area and race	Male							Female						
	Total	Marital status						Total	Marital status					
		Never married	Ever married	Married	Widowed	Divorced	Not stated		Never married	Ever married	Married	Widowed	Divorced	Not stated
Oregon	12,816	1,184	11,565	7,760	2,254	1,551	67	11,799	559	11,230	3,402	6,660	1,168	10
White	12,428	1,109	11,259	7,573	2,193	1,493	60	11,522	530	10,982	3,329	6,532	1,121	10
All other	388	75	306	187	61	58	7	277	29	248	73	128	47	-
Black	188	47	138	73	30	35	3	137	14	123	30	65	28	-
Pennsylvania	59,829	8,078	51,631	35,770	11,886	3,975	120	59,830	6,417	53,342	15,633	34,735	2,974	71
White	53,872	6,493	47,306	33,022	10,919	3,365	73	54,624	5,681	48,899	14,336	31,989	2,574	44
All other	5,957	1,585	4,325	2,748	967	610	47	5,206	736	4,443	1,297	2,746	400	27
Black	5,793	1,556	4,190	2,641	949	600	47	5,070	723	4,321	1,236	2,693	392	26
Rhode Island	4,574	624	3,938	2,635	945	358	12	4,834	589	4,239	1,229	2,673	337	6
White	4,387	573	3,804	2,562	913	329	10	4,691	568	4,119	1,191	2,613	315	4
All other	187	51	134	73	32	29	2	143	21	120	38	60	22	2
Black	160	47	113	62	25	26	-	122	21	100	31	50	19	1
South Carolina	15,213	1,859	13,305	9,520	2,569	1,216	49	13,544	1,120	12,409	3,885	7,777	747	15
White	10,379	903	9,459	6,935	1,585	939	17	9,427	665	8,757	2,748	5,434	575	5
All other	4,834	956	3,846	2,585	984	277	32	4,117	455	3,652	1,137	2,343	172	10
Black	4,815	952	3,831	2,571	984	276	32	4,102	455	3,637	1,131	2,336	170	10
South Dakota	3,252	478	2,774	1,910	602	262	-	2,903	240	2,663	715	1,817	131	-
White	3,016	407	2,609	1,830	572	207	-	2,760	217	2,543	675	1,761	107	-
All other	236	71	165	80	30	55	-	143	23	120	40	56	24	-
Black	4	2	2	-	1	1	-	4	-	4	2	1	1	-
Tennessee	23,765	2,431	21,272	14,619	4,159	2,494	62	21,433	1,509	19,910	5,731	12,660	1,519	14
White	19,872	1,677	18,162	12,788	3,334	2,040	33	17,887	1,145	16,734	4,863	10,635	1,236	8
All other	3,893	754	3,110	1,831	825	454	29	3,546	364	3,176	868	2,025	283	6
Black	3,859	749	3,081	1,808	823	450	29	3,516	361	3,149	856	2,010	283	6
Texas	65,082	7,739	56,931	39,676	10,412	6,843	412	56,531	3,343	53,034	16,007	32,406	4,621	154
White	55,967	5,971	49,669	35,159	8,813	5,697	327	49,285	2,721	46,441	14,074	28,525	3,842	123
All other	9,115	1,768	7,262	4,517	1,599	1,146	85	7,246	622	6,593	1,933	3,881	779	31
Black	8,786	1,720	6,982	4,283	1,571	1,128	84	6,991	597	6,364	1,814	3,782	768	30
Utah	4,753	479	4,258	3,039	799	420	16	4,037	243	3,789	1,254	2,268	267	5
White	4,627	450	4,165	2,977	783	405	12	3,961	236	3,721	1,227	2,235	259	4
All other	126	29	93	62	16	15	4	76	7	68	27	33	8	1
Black	32	6	25	13	7	5	1	23	2	20	8	9	3	1
Vermont	2,278	298	1,979	1,335	451	193	1	2,235	224	2,009	535	1,337	137	2
White	2,271	294	1,976	1,333	450	193	1	2,231	224	2,005	534	1,334	137	2
All other	7	4	3	2	1	-	-	4	-	4	1	3	-	-
Black	3	2	1	1	-	-	-	2	-	2	1	1	-	-
Virginia	24,228	3,103	21,034	14,594	4,221	2,219	91	22,426	1,781	20,599	6,222	12,789	1,588	46
White	18,667	1,931	16,685	11,862	3,216	1,607	51	17,919	1,258	16,642	4,977	10,418	1,247	19
All other	5,561	1,172	4,349	2,732	1,005	612	40	4,507	523	3,957	1,245	2,371	341	27
Black	5,418	1,156	4,222	2,626	988	608	40	4,402	519	3,856	1,198	2,324	334	27
Washington	18,748	2,109	16,563	11,095	3,168	2,300	76	17,432	905	16,519	5,019	9,853	1,647	8
White	17,710	1,880	15,761	10,588	3,043	2,130	69	16,714	851	15,856	4,766	9,539	1,551	7
All other	1,038	229	802	507	125	170	7	718	54	663	253	314	96	1
Black	511	125	381	216	66	99	5	286	20	265	82	124	59	1
West Virginia	10,050	992	9,045	6,225	1,879	941	13	9,025	609	8,404	2,416	5,466	522	12
White	9,621	920	8,693	6,016	1,772	905	8	8,674	578	8,085	2,337	5,249	499	11
All other	429	72	352	209	107	36	5	351	31	319	79	217	23	1
Black	419	69	345	204	106	35	5	346	31	314	74	217	23	1
Wisconsin	21,230	2,652	18,571	12,717	4,169	1,685	7	20,645	1,826	18,809	5,453	12,160	1,196	10
White	20,394	2,444	17,944	12,363	4,032	1,549	6	20,035	1,749	18,277	5,292	11,891	1,094	9
All other	836	208	627	354	137	136	1	610	77	532	161	269	102	1
Black	707	181	525	287	116	122	1	496	65	430	123	219	88	1
Wyoming	1,651	173	1,477	1,011	264	202	1	1,459	65	1,393	419	837	137	1
White	1,610	163	1,446	997	256	193	1	1,419	62	1,356	404	822	130	1
All other	41	10	31	14	8	9	-	40	3	37	15	15	7	-
Black	9	1	8	5	1	2	-	9	1	8	2	6	-	-

Table 1-36. Deaths by State of Residence, Distributed According to State or Country of Birth: 1990
(Page 1 of 3)

State of residence	Total, all places of birth	State of birth																	
		Total	Ala.	Alaska	Ariz.	Ark.	Calif.	Colo.	Conn.	Del.	D.C.	Fla.	Ga.	Hawaii	Idaho	Ill.	Ind.	Iowa	Kans.	Ky.
United States	2,148,463	1,933,788	55,014	1,430	6,949	39,045	57,937	14,945	20,934	3,818	7,210	24,931	61,843	5,105	6,666	107,323	49,905	41,855	31,475	52,464
Alabama	39,381	38,956	31,429	7	9	222	63	35	27	9	17	419	1,277	8	8	289	135	60	63	201
Alaska	2,188	2,056	13	743	10	20	107	29	7	-	3	7	15	6	25	53	22	26	26	13
Arizona	28,789	26,060	127	13	3,883	530	811	430	152	15	46	80	110	22	147	2,453	858	965	698	344
Arkansas	24,652	24,231	277	4	20	15,929	133	63	17	1	2	32	74	7	9	743	168	284	333	189
California	214,369	172,533	1,360	181	1,848	4,955	48,001	3,112	826	96	252	607	1,062	854	1,075	9,198	2,961	4,806	4,416	1,432
Colorado	21,583	20,241	108	6	64	238	304	6,640	58	6	28	55	70	17	68	952	317	838	1,614	179
Connecticut	27,607	22,867	98	3	7	23	48	29	13,318	24	43	76	252	6	3	173	56	37	20	46
Delaware	5,764	5,428	37	2	-	11	12	3	27	2,414	33	23	72	2	2	39	24	12	16	20
District of Columbia	7,313	6,769	98	1	4	15	29	17	29	6	2,239	42	190	3	3	57	23	18	17	36
Florida	134,385	112,604	4,065	8	41	572	420	205	1,858	152	448	18,460	7,832	31	32	5,712	3,003	1,026	477	2,197
Georgia	51,810	50,682	2,825	7	20	156	116	39	88	15	57	919	36,991	12	13	391	255	91	80	364
Hawaii	6,782	5,050	8	3	9	16	194	21	19	1	3	14	12	3,720	10	101	25	41	25	15
Idaho	7,452	7,143	23	7	26	96	222	161	8	-	6	4	14	4	2,550	173	60	185	298	39
Illinois	103,006	92,157	1,301	43	24	1,694	224	167	89	11	37	166	763	20	21	62,222	2,004	1,707	469	1,471
Indiana	49,569	48,025	482	3	12	438	98	74	44	6	20	85	202	8	10	3,191	30,666	279	164	4,300
Iowa	26,884	26,135	26	5	9	76	58	76	16	1	5	13	22	4	9	1,136	167	20,126	284	76
Kansas	22,279	21,714	58	4	19	512	95	213	9	4	5	23	41	3	16	459	176	428	13,289	80
Kentucky	35,078	34,555	239	2	4	87	43	21	22	4	8	47	134	6	5	473	727	74	65	28,200
Louisiana	37,571	36,691	438	2	11	898	115	27	21	10	10	122	177	9	5	269	100	95	96	108
Maine	11,106	10,124	7	1	2	4	24	5	124	4	8	9	6	2	4	30	15	8	12	9
Maryland	38,413	35,329	154	5	11	46	90	50	128	243	2,142	136	282	12	7	315	135	107	75	211
Massachusetts	53,179	43,982	130	5	7	21	90	25	776	11	33	83	179	22	4	211	58	51	33	29
Michigan	78,744	71,228	2,042	45	25	1,193	161	100	121	21	29	262	1,375	17	21	2,611	1,684	421	218	1,491
Minnesota	34,776	32,934	40	5	11	52	89	54	27	2	10	17	26	3	19	769	139	1,891	134	44
Mississippi	25,127	24,799	1,024	1	13	329	45	15	15	4	7	76	113	2	6	152	58	34	40	117
Missouri	50,377	48,961	255	3	38	2,128	228	187	36	2	23	58	113	11	19	2,585	387	979	2,034	492
Montana	6,861	6,468	7	2	11	29	78	79	10	-	3	5	7	3	117	170	59	216	106	24
Nebraska	14,769	14,200	38	3	6	105	56	167	3	5	2	11	14	3	10	231	68	977	555	33
Nevada	9,318	8,349	67	4	59	165	844	211	50	3	16	30	38	35	118	513	170	219	203	87
New Hampshire	8,488	7,595	1	-	-	6	13	9	152	7	9	18	19	2	1	53	10	18	8	10
New Jersey	70,383	58,386	427	7	3	42	109	36	384	168	103	302	1,098	9	8	301	112	74	39	92
New Mexico	10,625	10,037	59	3	175	203	172	250	33	3	19	21	49	5	23	355	112	138	261	79
New York	168,936	126,709	1,063	7	20	146	244	84	1,046	72	193	789	1,621	21	10	705	211	187	107	191
North Carolina	57,315	56,420	320	6	8	86	100	32	102	23	100	257	977	13	9	374	190	108	79	250
North Dakota	5,678	5,352	2	-	-	2	13	7	6	1	-	4	2	-	4	82	26	141	14	3
Ohio	98,822	93,139	2,045	9	19	385	139	95	111	25	47	176	1,551	9	13	1,115	1,717	227	182	5,905
Oklahoma	30,378	29,852	253	2	42	2,452	235	152	20	-	8	39	112	5	22	466	233	305	1,326	214
Oregon	25,136	23,301	82	35	85	429	1,356	448	41	9	16	35	56	21	611	680	258	822	793	120
Pennsylvania	121,951	112,801	530	6	15	88	121	53	236	343	168	308	1,132	13	10	441	226	128	72	219
Rhode Island	9,576	8,094	11	1	1	2	28	4	225	2	6	13	22	1	1	31	12	8	4	12
South Carolina	29,715	29,264	258	1	5	57	58	19	62	15	41	203	1,423	3	7	188	108	58	31	132
South Dakota	6,326	6,108	-	2	1	5	14	27	-	-	-	3	4	2	6	124	25	516	43	8
Tennessee	46,315	45,696	1,347	3	11	722	85	32	38	7	22	157	1,016	3	4	543	280	94	96	1,345
Texas	125,479	116,069	1,206	62	171	2,940	784	430	151	15	94	361	645	44	60	1,806	842	789	1,239	744
Utah	9,192	8,563	25	2	70	43	197	221	10	-	5	17	18	1	512	126	48	71	99	23
Vermont	4,595	4,212	2	-	1	4	6	2	129	2	4	9	-	1	1	28	7	8	4	3
Virginia	48,013	46,238	261	5	8	102	175	54	129	38	777	197	427	25	12	430	195	161	106	456
Washington	37,087	33,389	139	150	90	514	1,161	474	88	7	25	92	114	66	966	1,014	359	1,088	849	181
West Virginia	19,385	18,989	91	2	2	6	20	8	11	8	28	18	23	5	4	68	55	22	18	495
Wisconsin	42,733	40,241	107	9	12	219	64	57	32	3	9	27	63	4	10	2,608	318	732	100	122
Wyoming	3,203	3,062	9	-	7	32	45	196	3	-	1	4	8	-	36	114	41	159	145	13

Table 1-36. Deaths by State of Residence, Distributed According to State or Country of Birth: 1990—Con.
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State of residence	State of birth																				
	La.	Maine	Md.	Mass.	Mich.	Minn.	Miss.	Mo.	Mont.	Nebr.	Nev.	N.H.	N.J.	N. Mex.	N.Y.	N.C.	N. Dak.	Ohio	Okla.	Oreg.	Pa.
United States	42,774	12,181	25,846	55,593	63,426	39,979	43,778	61,481	7,575	23,325	1,457	6,550	49,133	7,921	160,154	63,486	12,048	90,422	39,814	11,216	147,855
Alabama	190	16	45	62	161	44	1,201	120	11	32	5	6	83	10	246	180	9	226	108	8	246
Alaska	11	17	5	28	47	81	9	38	44	25	4	6	16	10	58	17	28	32	48	55	44
Arizona	155	65	103	374	1,050	733	114	948	186	521	35	50	375	398	1,552	107	250	1,400	948	162	1,264
Arkansas	505	12	12	47	143	101	924	962	14	129	2	5	38	28	132	31	24	143	792	15	140
California	3,500	437	549	2,909	3,791	3,884	1,896	6,405	1,201	3,098	391	294	1,996	1,416	8,506	778	1,586	4,960	7,215	1,834	5,780
Colorado	120	20	57	138	325	334	90	1,060	109	1,337	14	13	144	573	522	72	153	393	688	42	451
Connecticut	19	564	68	1,597	104	39	45	51	7	18	2	183	478	-	2,877	303	10	151	20	13	854
Delaware	11	12	551	49	35	14	13	10	-	5	-	5	202	-	255	114	-	54	6	2	907
District of Columbia	27	11	385	49	32	18	60	28	4	15	1	6	50	3	232	767	5	64	21	4	202
Florida	463	678	1,143	4,184	4,063	809	795	1,413	69	347	14	468	4,751	41	18,977	1,689	175	6,358	412	70	8,901
Georgia	200	37	124	220	254	78	360	209	13	56	4	26	247	17	780	828	25	472	140	20	570
Hawaii	5	5	8	50	41	36	4	53	16	21	5	3	33	9	133	14	8	63	20	21	70
Idaho	13	7	14	26	66	154	14	309	174	333	16	5	18	24	79	20	149	73	192	202	70
Illinois	699	25	95	250	1,058	793	4,682	2,787	64	367	5	20	210	34	876	158	168	928	334	42	1,044
Indiana	115	26	54	103	780	160	653	470	22	104	4	13	84	8	337	86	73	1,584	125	11	644
Iowa	31	10	13	28	106	573	74	948	30	672	2	3	27	8	85	22	128	104	113	16	115
Kansas	78	5	11	43	90	103	131	2,413	23	557	3	4	35	45	140	33	36	154	1,365	30	145
Kentucky	37	10	38	61	151	30	146	184	7	20	2	5	55	7	178	108	10	926	73	9	239
Louisiana	28,507	17	42	70	104	44	2,242	225	15	37	-	5	65	9	220	87	14	151	250	10	186
Maine	1	7,675	17	945	30	13	5	16	4	10	-	294	97	2	321	9	6	40	4	5	136
Maryland	77	70	18,123	377	166	90	95	157	12	60	3	33	471	4	1,382	1,667	22	404	71	15	2,633
Massachusetts	34	927	84	34,838	103	47	53	62	20	19	3	769	421	9	1,837	180	14	205	33	14	606
Michigan	387	59	93	289	43,405	472	1,751	895	73	161	3	30	257	26	1,071	373	143	2,696	227	32	2,294
Minnesota	27	12	22	66	320	23,608	83	179	108	294	4	4	51	8	208	23	1,265	161	51	28	181
Mississippi	784	8	17	31	56	30	20,200	134	3	17	2	8	31	4	97	60	4	102	78	5	99
Missouri	243	15	52	83	242	203	1,277	32,699	35	420	7	8	88	42	306	70	66	303	896	32	314
Montana	11	12	9	24	105	451	5	169	2,868	165	4	5	22	10	63	15	566	66	67	42	70
Nebraska	26	8	5	20	52	135	55	406	28	10,159	-	1	22	6	59	18	46	60	124	17	79
Nevada	159	16	31	165	230	202	95	268	91	185	724	9	145	77	651	49	92	315	264	112	392
New Hampshire	3	398	12	2,050	44	23	4	20	2	6	-	3,474	116	1	367	9	5	40	5	2	112
New Jersey	69	84	388	710	195	76	97	119	10	38	3	62	30,815	9	9,801	1,268	17	359	43	12	8,109
New Mexico	71	17	29	65	129	93	52	275	32	99	7	12	69	3,887	287	40	33	176	584	20	227
New York	265	245	467	1,645	486	159	411	250	40	97	7	153	2,881	14	95,825	2,664	62	949	72	39	6,070
North Carolina	80	33	228	222	221	70	111	146	15	43	2	34	387	15	1,123	43,002	23	456	75	15	779
North Dakota	3	1	2	3	19	578	4	16	49	42	1	-	5	2	13	4	3,927	8	4	5	18
Ohio	177	65	258	286	1,137	190	789	361	38	108	8	39	320	20	1,252	486	62	60,023	157	14	5,603
Oklahoma	194	14	33	59	125	99	214	1,561	38	192	4	4	51	106	204	71	34	234	16,949	26	216
Oregon	101	49	22	152	380	957	84	821	506	945	28	16	98	92	392	74	691	304	792	6,650	347
Pennsylvania	92	73	1,249	419	285	102	165	184	30	55	6	35	2,215	25	3,298	1,299	34	1,368	84	13	92,622
Rhode Island	11	89	14	1,162	25	7	2	15	3	4	1	68	84	-	306	32	1	26	6	1	100
South Carolina	52	31	93	154	116	25	93	87	6	34	3	26	181	5	540	1,607	14	224	38	9	409
South Dakota	3	3	3	8	24	362	1	69	41	313	-	-	5	1	15	5	210	18	24	3	25
Tennessee	168	16	58	86	278	63	2,607	338	15	41	5	10	109	14	295	761	25	384	151	17	304
Texas	4,652	94	173	357	766	491	1,385	1,874	85	489	19	47	404	617	1,347	395	147	1,200	5,102	99	1,183
Utah	11	10	12	31	54	49	19	106	71	109	60	8	24	100	87	18	36	76	84	44	88
Vermont	5	43	6	304	13	6	-	7	1	2	1	188	92	-	442	1	2	17	1	4	68
Virginia	94	64	689	405	258	118	121	230	25	80	11	46	438	20	1,455	3,526	44	528	102	27	1,447
Washington	200	58	72	250	657	1,729	116	986	1,168	895	30	29	193	110	578	174	1,303	456	691	1,317	520
West Virginia	11	4	240	11	47	15	12	32	2	6	1	4	57	3	83	130	1	719	27	1	605
Wisconsin	70	10	25	76	1,019	1,442	413	231	59	156	-	11	65	6	238	30	249	233	58	18	277
Wyoming	7	4	3	12	38	46	6	135	88	387	1	3	12	46	26	12	53	36	80	12	50

Table 1-36. Deaths by State of Residence, Distributed According to State or Country of Birth: 1990—Con.
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State of residence	State of birth												Country of birth								Unknown
	R.I.	S.C.	S. Dak.	Tenn.	Tex.	Utah	Vt.	Va.	Wash.	W. Va.	Wis.	Wyo.	Total	Puerto Rico	Virgin Islands	Guam	Canada	Cuba	Mexico	Re-mainder of world	
United States	9,140	38,920	11,197	52,564	105,918	9,476	5,611	48,333	17,952	31,424	45,450	2,940	190,103	9,133	258	106	16,426	7,669	17,579	138,932	24,572
Alabama	11	126	8	993	263	10	5	98	17	76	56	6	344	5	1	-	32	5	6	295	81
Alaska	-	3	17	10	59	14	5	5	138	5	43	9	125	-	-	-	19	-	1	105	7
Arizona	46	46	224	270	1,273	209	56	136	218	263	770	75	2,573	13	1	-	288	3	843	1,425	156
Arkansas	5	17	28	591	840	9	7	50	16	63	111	10	268	1	-	-	34	2	12	219	153
California	445	405	1,617	1,664	9,643	1,747	192	787	2,613	795	2,656	501	39,331	374	11	75	2,695	543	8,752	26,881	2,505
Colorado	22	35	228	142	716	142	20	79	84	85	271	200	1,342	12	-	1	100	7	172	1,050	-
Connecticut	315	257	7	41	39	9	255	159	17	57	42	4	4,649	357	7	-	481	36	5	3,763	91
Delaware	6	45	2	37	23	2	9	197	5	93	13	2	299	19	-	-	22	2	3	253	37
District of Columbia	11	793	3	62	56	3	5	911	2	83	29	-	397	6	2	-	16	11	3	359	147
Florida	625	1,623	165	1,667	814	51	345	1,407	135	1,970	1,404	39	20,822	814	13	1	1,583	5,438	188	12,785	959
Georgia	40	1,296	17	1,152	315	11	19	330	35	215	123	10	970	23	4	1	70	26	45	801	158
Hawaii	5	6	12	13	34	14	1	11	41	15	37	6	1,713	9	-	2	35	-	5	1,662	19
Idaho	2	5	126	35	133	434	2	21	313	25	95	118	294	-	-	-	83	-	33	178	15
Illinois	42	163	217	1,586	582	23	16	197	89	259	1,877	34	10,000	370	2	1	316	91	682	8,538	849
Indiana	25	47	58	1,208	211	14	11	254	31	286	324	18	1,316	31	-	-	104	8	62	1,111	228
Iowa	3	7	358	52	69	9	9	30	27	18	322	14	697	2	-	-	50	2	18	625	52
Kansas	7	15	72	108	381	12	8	44	35	53	78	23	524	4	-	-	30	4	116	370	41
Kentucky	8	39	8	1,244	100	4	5	269	14	349	52	6	304	1	1	-	35	3	5	259	219
Louisiana	14	61	14	190	1,362	7	6	75	19	68	54	8	646	27	-	-	24	61	24	510	234
Maine	61	6	5	11	12	2	65	20	7	13	15	3	963	4	1	-	683	1	-	274	19
Maryland	60	860	29	204	120	22	38	2,660	34	1,134	81	6	2,332	29	2	-	116	21	15	2,149	752
Massachusetts	809	151	9	54	68	5	522	155	33	65	58	7	9,052	316	2	-	2,160	30	9	6,535	145
Michigan	44	427	134	1,674	433	19	30	319	82	636	835	21	7,156	45	2	2	1,653	18	123	5,313	360
Minnesota	6	16	855	57	114	12	6	21	54	24	1,718	16	1,781	3	-	-	212	9	23	1,534	61
Mississippi	5	38	14	564	198	2	9	52	20	39	36	1	175	6	-	1	14	1	5	148	153
Missouri	7	47	113	769	530	28	10	114	55	104	179	26	1,196	8	1	3	61	18	41	1,064	220
Montana	1	7	197	21	64	59	4	11	150	14	175	90	377	1	-	-	103	-	14	259	16
Nebraska	4	11	225	35	94	7	3	24	21	18	86	59	538	3	-	-	15	4	36	480	31
Nevada	21	19	99	72	322	247	8	56	136	58	169	38	834	12	-	1	136	43	67	575	135
New Hampshire	99	6	4	9	9	1	389	12	6	12	17	2	883	2	-	-	477	-	-	404	10
New Jersey	106	1,016	19	102	79	7	44	1,062	25	215	109	4	2,012	775	5	-	173	471	35	553	9,985
New Mexico	8	17	47	81	1,416	43	7	37	31	67	96	23	547	7	-	-	28	4	269	239	41
New York	238	3,379	40	316	307	24	434	1,799	48	358	232	16	39,114	5,095	184	-	1,413	578	125	31,719	3,113
North Carolina	50	3,049	18	568	179	6	23	1,815	33	459	97	9	775	16	2	-	68	9	47	633	120
North Dakota	1	-	193	2	12	1	1	7	13	4	103	4	326	-	-	-	46	-	1	279	-
Ohio	42	345	59	1,545	254	17	28	900	56	4,469	251	10	5,360	89	1	2	246	14	38	4,970	323
Oklahoma	6	32	46	324	2,791	16	2	64	41	103	93	20	379	11	1	-	42	2	37	286	147
Oregon	18	25	523	147	566	224	14	85	1,548	98	493	162	1,620	5	-	3	430	4	87	1,091	215
Pennsylvania	74	1,548	38	196	159	19	46	1,660	62	1,104	110	23	8,479	444	6	1	247	42	27	7,712	671
Rhode Island	5,603	25	1	7	9	1	38	40	4	8	16	1	1,470	21	-	-	282	1	2	1,164	12
South Carolina	24	21,826	10	278	116	2	17	314	12	181	64	4	375	8	2	-	31	4	16	314	76
South Dakota	1	1	4,014	10	22	5	-	7	13	12	83	27	212	-	-	1	26	1	1	183	6
Tennessee	18	153	26	32,278	295	7	14	1,001	16	243	90	5	440	8	-	-	45	11	12	364	179
Texas	63	202	195	1,159	79,585	67	50	361	139	404	465	70	8,165	78	5	3	205	107	5,283	2,484	1,245
Utah	2	8	27	20	92	5,555	3	16	58	16	36	145	597	5	-	-	60	-	55	477	32
Vermont	23	2	3	5	9	-	2,740	4	7	4	1	-	377	1	-	-	217	-	-	159	6
Virginia	66	613	36	556	245	22	44	29,621	46	1,579	113	11	1,602	29	1	3	111	26	21	1,411	173
Washington	34	44	745	181	679	244	37	125	11,282	137	790	182	3,513	10	1	5	972	3	140	2,382	185
West Virginia	4	38	5	93	31	-	5	876	9	15,018	13	2	283	1	-	-	13	1	6	262	113
Wisconsin	10	20	197	144	126	8	2	30	47	38	30,428	9	2,418	33	-	-	109	4	55	2,217	74
Wyoming	-	-	90	17	69	80	2	5	15	12	41	861	138	-	-	-	15	-	14	109	3

Table 1-37. Deaths by Specified Hispanic Origin and Race for Non-Hispanic Origin: 47 States and the District of Columbia, 1990

[For discussion of completeness of reporting and comparability of data among the States see Technical Appendix]

State	All origins	Hispanic						Non-Hispanic			Not stated [2]
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [1]	White	Black	
Alabama	39,381	208	40	126	10	7	25	38,934	28,437	10,448	239
Alaska	2,188	24	15	2	-	1	6	2,159	1,491	58	5
Arizona	28,789	2,468	2,227	22	3	16	200	26,274	24,284	703	47
Arkansas	24,652	38	24	2	2	4	6	24,397	20,279	4,075	217
California	214,369	22,450	17,333	489	524	1,989	2,115	190,900	164,135	17,217	1,019
Colorado	21,583	1,867	512	15	7	9	1,324	19,689	18,770	731	27
Connecticut	27,607	508	161	277	21	9	40	21,511	20,191	1,263	5,588
Delaware	5,764	38	8	22	3	-	5	5,718	4,744	947	8
District of Columbia	7,313	87	7	10	11	48	11	7,155	1,619	5,502	71
Florida	134,385	8,348	336	915	5,569	740	788	125,651	110,999	14,353	386
Georgia	51,810	206	66	21	24	30	65	51,313	36,625	14,533	291
Hawaii	6,782	312	16	111	5	2	178	6,464	1,897	47	6
Idaho	7,452	105	89	-	-	3	13	7,342	7,256	7	5
Illinois	103,006	2,033	1,221	452	87	121	152	100,113	83,947	15,634	860
Indiana	49,569	334	208	27	9	4	86	48,960	45,209	3,710	255
Iowa	26,884	116	52	4	2	3	55	26,738	26,332	349	30
Kansas	22,279	270	213	6	8	5	38	21,366	20,169	1,060	643
Kentucky	35,078	92	38	2	2	3	47	34,757	32,164	2,565	229
Maine	11,106	17	2	3	4	-	8	10,332	10,280	9	757
Maryland	38,413	275	95	61	13	53	53	37,239	28,381	8,552	899
Massachusetts	53,179	585	10	416	27	110	22	52,323	50,126	1,864	271
Michigan	78,744	595	367	48	21	11	148	77,137	64,847	11,731	1,012
Minnesota	34,776	98	82	4	1	-	11	34,624	33,663	510	54
Mississippi	25,127	20	5	5	1	2	7	24,735	15,893	8,776	372
Missouri	50,377	220	124	10	15	5	66	50,060	44,623	5,279	97
Montana	6,861	50	24	2	-	1	23	6,702	6,353	17	109
Nebraska	14,769	99	77	2	5	2	13	14,514	14,020	392	156
Nevada	9,318	293	153	12	38	17	73	9,019	8,330	512	6
New Jersey	70,383	2,937	57	984	475	258	1,163	66,960	57,846	8,652	486
New Mexico	10,625	3,063	329	6	5	8	2,715	7,551	6,621	186	11
New York	168,936	9,323	120	5,048	448	1,683	2,024	145,407	121,470	22,354	14,206
North Carolina	57,315	129	69	21	9	10	20	57,123	43,255	13,365	63
North Dakota	5,678	7	3	-	1	1	2	5,499	5,324	8	172
Ohio	98,822	268	103	99	17	8	41	98,214	87,480	10,572	340
Oregon	25,136	240	181	10	4	10	35	24,881	24,176	345	15
Pennsylvania	121,951	928	65	549	40	25	249	120,961	109,194	11,454	62
Rhode Island	9,576	86	4	28	12	23	19	9,423	9,089	289	67
South Carolina	29,715	35	20	8	3	-	4	29,648	20,208	9,406	32
South Dakota	6,326	7	6	-	1	-	-	6,314	5,880	9	5
Tennessee	46,315	111	23	11	11	1	65	45,685	37,946	7,675	519
Texas	125,479	17,199	15,807	87	105	257	943	107,326	90,272	16,433	954
Utah	9,192	240	159	5	8	60	8	8,936	8,715	59	16
Vermont	4,595	12	1	4	-	1	6	4,283	4,272	5	300
Virginia	48,013	367	51	32	28	84	172	46,210	36,534	9,421	1,436
Washington	37,087	530	198	57	1	7	267	36,534	34,668	863	23
West Virginia	19,385	26	7	1	-	2	16	19,337	18,543	781	22
Wisconsin	42,733	128	97	20	5	2	4	42,593	40,939	1,380	12
Wyoming	3,203	105	66	-	1	3	35	3,095	3,010	18	3

[1] Includes races other than white and black.
[2] Includes deaths that occurred in States that did not report Hispanic origin on the death certificate.

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
All Causes	1,970,337	35,030	6,354	7,752	33,298	53,444	74,137	107,419	231,828	441,097	553,839	425,603	536
Male	1,021,783	19,970	3,658	4,701	25,231	39,210	50,790	67,474	142,096	255,489	272,737	140,037	390
Female	948,554	15,060	2,696	3,051	8,067	14,234	23,347	39,945	89,732	185,608	281,102	285,566	146
Hispanic	68,673	4,228	836	823	4,085	5,418	5,159	5,371	8,790	11,911	12,772	9,186	94
Male	41,012	2,373	484	503	3,377	4,412	3,906	3,548	5,452	6,693	6,457	3,721	86
Female	27,661	1,855	352	320	708	1,006	1,253	1,823	3,338	5,218	6,315	5,465	8
Mexican	40,624	2,952	566	550	2,940	3,314	2,882	3,118	5,298	7,001	6,971	4,978	54
Male	24,642	1,656	329	340	2,477	2,772	2,153	2,042	3,247	3,976	3,564	2,038	48
Female	15,982	1,296	237	210	463	542	729	1,076	2,051	3,025	3,407	2,940	6
Puerto Rican	5,159	363	77	70	259	554	588	509	701	793	804	438	3
Male	3,146	205	48	46	195	413	450	341	442	430	400	174	2
Female	2,013	158	29	24	64	141	138	168	259	363	404	264	1
Cuban	7,181	81	19	19	62	259	357	497	936	1,478	2,086	1,385	2
Male	4,063	45	8	12	47	216	298	363	628	901	1,029	514	2
Female	3,118	36	11	7	15	43	59	134	308	577	1,057	871	–
Central and South American	4,122	295	76	71	361	562	510	414	464	488	533	344	4
Male	2,417	166	46	40	308	441	364	243	254	212	218	121	4
Female	1,705	129	30	31	53	121	146	171	210	276	315	223	–
Other and unknown Hispanic	11,587	537	98	113	463	729	822	833	1,391	2,151	2,378	2,041	31
Male	6,744	301	53	65	350	570	641	559	881	1,174	1,246	874	30
Female	4,843	236	45	48	113	159	181	274	510	977	1,132	1,167	1
Non-Hispanic [1]	1,887,983	30,231	5,458	6,847	28,915	47,459	68,225	101,065	221,162	426,225	537,899	414,249	248
Male	972,814	17,283	3,143	4,154	21,614	34,355	46,325	63,257	135,373	246,978	264,628	135,544	160
Female	915,169	12,948	2,315	2,693	7,301	13,104	21,900	37,808	85,789	179,247	273,271	278,705	88
White	1,636,015	18,745	3,681	4,973	20,683	33,167	49,794	78,902	183,892	372,947	486,026	383,063	142
Male	834,188	10,908	2,130	3,021	15,212	24,279	34,115	49,593	113,647	217,569	239,405	124,220	89
Female	801,827	7,837	1,551	1,952	5,471	8,888	15,679	29,309	70,245	155,378	246,621	258,843	53
Black	225,718	10,465	1,512	1,591	7,140	12,959	16,680	19,892	33,621	47,928	46,309	27,524	97
Male	123,446	5,791	848	967	5,584	9,164	11,087	12,314	19,652	26,283	22,023	9,668	65
Female	102,272	4,674	664	624	1,556	3,795	5,593	7,578	13,969	21,645	24,286	17,856	32
Not stated [2]	13,681	571	60	82	298	567	753	983	1,876	2,961	3,168	2,168	194
Male	7,957	314	31	44	240	443	559	669	1,271	1,818	1,652	772	144
Female	5,724	257	29	38	58	124	194	314	605	1,143	1,516	1,396	50
Shigellosis and amebiasis (004,006)	14	–	3	1	–	2	–	1	1	1	4	1	–
Male	5	–	1	–	–	1	–	1	1	–	1	–	–
Female	9	–	2	1	–	1	–	–	–	1	3	1	–
Hispanic	4	–	2	–	–	–	–	–	–	–	2	–	–
Male	1	–	1	–	–	–	–	–	–	–	–	–	–
Female	3	–	1	–	–	–	–	–	–	–	2	–	–
Mexican	4	–	2	–	–	–	–	–	–	–	2	–	–
Male	1	–	1	–	–	–	–	–	–	–	–	–	–
Female	3	–	1	–	–	–	–	–	–	–	2	–	–
Puerto Rican	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Cuban	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Central and South American	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Other and unknown Hispanic	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Hispanic [1]	10	–	1	1	–	2	–	1	1	1	2	1	–
Male	4	–	–	–	–	1	–	1	1	–	1	–	–
Female	6	–	1	1	–	1	–	–	–	1	1	1	–
White	7	–	–	–	–	2	–	1	1	1	2	–	–
Male	4	–	–	–	–	1	–	1	1	–	1	–	–
Female	3	–	–	–	–	1	–	–	–	1	1	–	–
Black	1	–	–	1	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	1	–	–	–	–	–	–	–	–	–
Not stated [2]	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Certain other intestinal infections (007-009)	387	87	13	6	2	7	12	7	20	47	90	96	-
Male	169	47	7	4	2	7	8	4	9	17	32	32	-
Female	218	40	6	2	-	-	4	3	11	30	58	64	-
Hispanic	20	8	3	2	-	1	1	-	1	2	2	-	-
Male	9	5	-	1	-	1	1	-	1	-	-	-	-
Female	11	3	3	1	-	-	-	-	-	2	2	-	-
Mexican	14	4	3	1	-	1	-	-	1	2	2	-	-
Male	5	3	-	-	-	1	-	-	1	-	-	-	-
Female	9	1	3	1	-	-	-	-	-	2	2	-	-
Puerto Rican	1	-	-	-	-	-	1	-	-	-	-	-	-
Male	1	-	-	-	-	-	1	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	3	3	-	-	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-	-	-
Female	2	2	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	2	1	-	1	-	-	-	-	-	-	-	-	-
Male	2	1	-	1	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Hispanic [1]	365	77	10	4	2	6	11	7	19	45	88	96	-
Male	159	41	7	3	2	6	7	4	8	17	32	32	-
Female	206	36	3	1	-	-	4	3	11	28	56	64	-
White	302	39	5	2	1	6	9	7	15	43	84	91	-
Male	124	21	4	2	1	6	6	4	6	16	28	30	-
Female	178	18	1	-	-	-	3	3	9	27	56	61	-
Black	58	36	5	2	1	-	2	-	2	2	3	5	-
Male	31	18	3	1	1	-	1	-	1	1	3	2	-
Female	27	18	2	1	-	-	1	-	1	1	-	3	-
Not stated [2]	2	2	-	-	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis (010-018)	1,478	1	4	3	18	80	111	141	224	338	363	195	-
Male	911	1	2	1	6	46	82	104	151	203	216	99	-
Female	567	-	2	2	12	34	29	37	73	135	147	96	-
Hispanic	132	-	1	2	3	12	17	15	20	30	22	10	-
Male	70	-	-	1	1	7	13	11	9	15	10	3	-
Female	62	-	1	1	2	5	4	4	11	15	12	7	-
Mexican	95	-	1	2	3	6	11	10	12	23	17	10	-
Male	49	-	-	1	1	4	7	7	5	13	8	3	-
Female	46	-	1	1	2	2	4	3	7	10	9	7	-
Puerto Rican	8	-	-	-	-	-	3	1	1	3	-	-	-
Male	7	-	-	-	-	-	3	1	1	2	-	-	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-
Cuban	9	-	-	-	-	2	1	2	2	1	1	-	-
Male	6	-	-	-	-	2	1	2	1	-	-	-	-
Female	3	-	-	-	-	-	-	-	1	1	1	-	-
Central and South American	10	-	-	-	-	3	2	1	1	2	1	-	-
Male	2	-	-	-	-	-	2	-	-	-	-	-	-
Female	8	-	-	-	-	3	-	1	1	2	1	-	-
Other and unknown Hispanic	10	-	-	-	-	1	-	1	4	1	3	-	-
Male	6	-	-	-	-	1	-	1	2	-	2	-	-
Female	4	-	-	-	-	-	-	-	2	1	1	-	-
Non-Hispanic [1]	1,323	-	3	1	14	66	85	125	203	302	340	184	-
Male	823	-	2	-	4	37	62	92	141	185	205	95	-
Female	500	-	1	1	10	29	23	33	62	117	135	89	-
White	762	-	2	1	2	12	27	57	106	195	231	129	-
Male	452	-	2	-	1	8	20	41	71	117	130	62	-
Female	310	-	-	1	1	4	7	16	35	78	101	67	-
Black	469	-	1	-	12	48	53	58	80	84	88	45	-
Male	310	-	-	-	3	27	40	43	60	51	59	27	-
Female	159	-	1	-	9	21	13	15	20	33	29	18	-
Not stated [2]	23	1	-	-	1	2	9	1	1	6	1	1	-
Male	18	1	-	-	1	2	7	1	1	3	1	1	-
Female	5	-	-	-	-	-	2	-	-	3	-	-	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Tuberculosis-Con.													
Tuberculosis of respiratory system (010-012)	1,136	1	1	1	9	49	81	98	160	271	303	162	-
Male	732	1	1	-	5	34	63	75	113	168	186	86	-
Female	404	-	-	1	4	15	18	23	47	103	117	76	-
Hispanic	103	-	-	-	-	8	14	13	14	26	20	8	-
Male	57	-	-	-	-	6	11	9	7	12	10	2	-
Female	46	-	-	-	-	2	3	4	7	14	10	6	-
Mexican	72	-	-	-	-	3	10	8	7	21	15	8	-
Male	39	-	-	-	-	3	7	5	3	11	8	2	-
Female	33	-	-	-	-	-	3	3	4	10	7	6	-
Puerto Rican	5	-	-	-	-	-	2	1	1	1	-	-	-
Male	5	-	-	-	-	-	2	1	1	1	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	9	-	-	-	-	2	1	2	2	1	1	-	-
Male	6	-	-	-	-	2	1	2	1	-	-	-	-
Female	3	-	-	-	-	-	-	-	1	1	1	-	-
Central and South American	8	-	-	-	-	2	1	1	1	2	1	-	-
Male	1	-	-	-	-	-	1	-	-	-	-	-	-
Female	7	-	-	-	-	2	-	1	1	2	1	-	-
Other and unknown Hispanic	9	-	-	-	-	1	-	1	3	1	3	-	-
Male	6	-	-	-	-	1	-	1	2	-	2	-	-
Female	3	-	-	-	-	-	-	-	1	1	1	-	-
Non-Hispanic [1]	1,016	-	1	1	8	40	62	84	145	240	282	153	-
Male	662	-	1	-	4	27	48	65	105	154	175	83	-
Female	354	-	-	1	4	13	14	19	40	86	107	70	-
White	607	-	1	1	1	6	19	40	79	154	196	110	-
Male	380	-	1	-	1	6	15	29	56	101	114	57	-
Female	227	-	-	1	-	-	4	11	23	53	82	53	-
Black	344	-	-	-	7	29	40	39	56	68	69	36	-
Male	241	-	-	-	3	20	32	31	44	40	49	22	-
Female	103	-	-	-	4	9	8	8	12	28	20	14	-
Not stated [2]	17	1	-	-	1	1	5	1	1	5	1	1	-
Male	13	1	-	-	1	1	4	1	1	2	1	1	-
Female	4	-	-	-	-	-	1	-	-	3	-	-	-
Other tuberculosis (013-018)	342	-	3	2	9	31	30	43	64	67	60	33	-
Male	179	-	1	1	1	12	19	29	38	35	30	13	-
Female	163	-	2	1	8	19	11	14	26	32	30	20	-
Hispanic	29	-	1	2	3	4	3	2	6	4	2	2	-
Male	13	-	-	1	1	1	2	2	2	3	-	1	-
Female	16	-	1	1	2	3	1	-	4	1	2	1	-
Mexican	23	-	1	2	3	3	1	2	5	2	2	2	-
Male	10	-	-	1	1	1	-	2	2	2	-	1	-
Female	13	-	1	1	2	2	1	-	3	-	2	1	-
Puerto Rican	3	-	-	-	-	-	1	-	-	2	-	-	-
Male	2	-	-	-	-	-	1	-	-	1	-	-	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	2	-	-	-	-	1	1	-	-	-	-	-	-
Male	1	-	-	-	-	-	1	-	-	-	-	-	-
Female	1	-	-	-	-	1	-	-	-	-	-	-	-
Other and unknown Hispanic	1	-	-	-	-	-	-	-	1	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	1	-	-	-	-
Non-Hispanic [1]	307	-	2	-	6	26	23	41	58	62	58	31	-
Male	161	-	1	-	-	10	14	27	36	31	30	12	-
Female	146	-	1	-	6	16	9	14	22	31	28	19	-
White	155	-	1	-	1	6	8	17	27	41	35	19	-
Male	72	-	1	-	-	2	5	12	15	16	16	5	-
Female	83	-	-	-	1	4	3	5	12	25	19	14	-
Black	125	-	1	-	5	19	13	19	24	16	19	9	-
Male	69	-	-	-	-	7	8	12	16	11	10	5	-
Female	56	-	1	-	5	12	5	7	8	5	9	4	-
Not stated [2]	6	-	-	-	-	1	4	-	-	1	-	-	-
Male	5	-	-	-	-	1	3	-	-	1	-	-	-
Female	1	-	-	-	-	-	1	-	-	-	-	-	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[*Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975.* For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Whooping cough (033)	10	9	1	-	-	-	-	-	-	-	-	-	-
Male	3	3	-	-	-	-	-	-	-	-	-	-	-
Female	7	6	1	-	-	-	-	-	-	-	-	-	-
Hispanic	4	4	-	-	-	-	-	-	-	-	-	-	-
Male	2	2	-	-	-	-	-	-	-	-	-	-	-
Female	2	2	-	-	-	-	-	-	-	-	-	-	-
Mexican	3	3	-	-	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-	-	-
Female	2	2	-	-	-	-	-	-	-	-	-	-	-
Puerto Rican	1	1	-	-	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Hispanic [1]	6	5	1	-	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-	-	-
Female	5	4	1	-	-	-	-	-	-	-	-	-	-
White	5	4	1	-	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-	-	-
Female	4	3	1	-	-	-	-	-	-	-	-	-	-
Black	1	1	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-	-	-
Not stated [2]	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	14	2	-	-	1	1	-	2	1	2	2	3	-
Male	6	1	-	-	1	1	-	1	1	1	-	-	-
Female	8	1	-	-	-	-	-	1	-	1	2	3	-
Hispanic	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Mexican	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rican	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Hispanic [1]	14	2	-	-	1	1	-	2	1	2	2	3	-
Male	6	1	-	-	1	1	-	1	1	1	-	-	-
Female	8	1	-	-	-	-	-	1	-	1	2	3	-
White	12	1	-	-	-	1	-	2	1	2	2	3	-
Male	4	-	-	-	-	1	-	1	1	1	-	-	-
Female	8	1	-	-	-	-	-	1	-	1	2	3	-
Black	2	1	-	-	1	-	-	-	-	-	-	-	-
Male	2	1	-	-	1	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Not stated [2]	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Meningococcal infection (036)	197	43	33	18	30	15	12	8	13	9	10	6	-
Male	103	24	15	8	18	10	8	3	7	3	4	3	-
Female	94	19	18	10	12	5	4	5	6	6	6	3	-
Hispanic	22	9	6	2	1	-	3	-	1	-	-	-	-
Male	7	2	2	1	-	-	2	-	-	-	-	-	-
Female	15	7	4	1	1	-	1	-	1	-	-	-	-
Mexican	17	8	5	2	-	-	1	-	1	-	-	-	-
Male	5	2	2	1	-	-	-	-	-	-	-	-	-
Female	12	6	3	1	-	-	1	-	1	-	-	-	-
Puerto Rican	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	4	1	1	-	1	-	1	-	-	-	-	-	-
Male	1	-	-	-	-	-	1	-	-	-	-	-	-
Female	3	1	1	-	1	-	-	-	-	-	-	-	-
Other and unknown Hispanic	1	-	-	-	-	-	1	-	-	-	-	-	-
Male	1	-	-	-	-	-	1	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Hispanic [1]	172	34	26	15	28	15	9	8	12	9	10	6	-
Male	95	22	13	7	17	10	6	3	7	3	4	3	-
Female	77	12	13	8	11	5	3	5	5	6	6	3	-
White	133	25	18	10	22	11	8	7	9	8	9	6	-
Male	69	18	8	4	11	7	6	2	5	2	3	3	-
Female	64	7	10	6	11	4	2	5	4	6	6	3	-
Black	34	8	6	5	6	4	1	-	3	-	1	-	-
Male	22	4	3	3	6	3	-	-	2	-	1	-	-
Female	12	4	3	2	-	1	1	-	1	-	-	-	-
Not stated [2]	3	-	1	1	1	-	-	-	-	-	-	-	-
Male	1	-	-	-	1	-	-	-	-	-	-	-	-
Female	2	-	1	1	-	-	-	-	-	-	-	-	-
Septicemia (038)	17,102	240	85	42	76	253	437	638	1,517	3,425	5,382	5,004	3
Male	7,607	134	55	25	38	156	272	358	844	1,854	2,386	1,483	2
Female	9,495	106	30	17	38	97	165	280	673	1,571	2,996	3,521	1
Hispanic	613	26	14	2	2	24	24	41	88	120	162	110	-
Male	329	14	9	1	1	14	15	28	49	62	90	46	-
Female	284	12	5	1	1	10	9	13	39	58	72	64	-
Mexican	373	22	10	2	2	13	10	22	60	76	89	67	-
Male	200	11	7	1	1	10	6	16	31	38	53	26	-
Female	173	11	3	1	1	3	4	6	29	38	36	41	-
Puerto Rican	55	-	2	-	-	6	7	5	10	9	12	4	-
Male	28	-	2	-	-	2	5	3	7	3	5	1	-
Female	27	-	-	-	-	4	2	2	3	6	7	3	-
Cuban	59	-	-	-	-	-	-	4	5	10	24	16	-
Male	33	-	-	-	-	-	-	3	3	8	13	6	-
Female	26	-	-	-	-	-	-	1	2	2	11	10	-
Central and South American	24	2	-	-	-	2	3	-	2	4	9	2	-
Male	9	2	-	-	-	-	1	-	1	-	4	1	-
Female	15	-	-	-	-	2	2	-	1	4	5	1	-
Other and unknown Hispanic	102	2	2	-	-	3	4	10	11	21	28	21	-
Male	59	1	-	-	-	2	3	6	7	13	15	12	-
Female	43	1	2	-	-	1	1	4	4	8	13	9	-
Non-Hispanic [1]	16,347	210	71	40	73	226	412	593	1,413	3,271	5,173	4,863	2
Male	7,217	119	46	24	37	139	256	329	787	1,773	2,279	1,427	1
Female	9,130	91	25	16	36	87	156	264	626	1,498	2,894	3,436	1
White	13,257	120	54	27	48	140	239	383	1,031	2,590	4,366	4,258	1
Male	5,765	70	32	15	27	83	154	209	581	1,423	1,920	1,251	-
Female	7,492	50	22	12	21	57	85	174	450	1,167	2,446	3,007	1
Black	2,876	80	13	11	23	82	164	193	352	643	755	559	1
Male	1,339	45	10	8	9	52	96	111	188	329	330	160	1
Female	1,537	35	3	3	14	30	68	82	164	314	425	399	-
Not stated [2]	142	4	-	-	1	3	1	4	16	34	47	31	1
Male	61	1	-	-	-	3	1	1	8	19	17	10	1
Female	81	3	-	-	1	-	-	3	8	15	30	21	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Acute poliomyelitis (045)	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Hispanic	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Mexican	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Puerto Rican	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Cuban	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Central and South American	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Other and unknown Hispanic	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Hispanic [1]	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Not stated [2]	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles (055)	60	11	27	3	7	9	3	–	–	–	–	–	–
Male	33	3	18	2	5	4	1	–	–	–	–	–	–
Female	27	8	9	1	2	5	2	–	–	–	–	–	–
Hispanic	21	4	10	–	5	2	–	–	–	–	–	–	–
Male	12	1	6	–	4	1	–	–	–	–	–	–	–
Female	9	3	4	–	1	1	–	–	–	–	–	–	–
Mexican	17	4	7	–	5	1	–	–	–	–	–	–	–
Male	10	1	4	–	4	1	–	–	–	–	–	–	–
Female	7	3	3	–	1	–	–	–	–	–	–	–	–
Puerto Rican	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Cuban	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Central and South American	2	–	2	–	–	–	–	–	–	–	–	–	–
Male	1	–	1	–	–	–	–	–	–	–	–	–	–
Female	1	–	1	–	–	–	–	–	–	–	–	–	–
Other and unknown Hispanic	2	–	1	–	–	1	–	–	–	–	–	–	–
Male	1	–	1	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	1	–	–	–	–	–	–	–
Non-Hispanic [1]	39	7	17	3	2	7	3	–	–	–	–	–	–
Male	21	2	12	2	1	3	1	–	–	–	–	–	–
Female	18	5	5	1	1	4	2	–	–	–	–	–	–
White	18	1	3	3	2	6	3	–	–	–	–	–	–
Male	10	–	3	2	1	3	1	–	–	–	–	–	–
Female	8	1	–	1	1	3	2	–	–	–	–	–	–
Black	10	3	6	–	–	1	–	–	–	–	–	–	–
Male	5	2	3	–	–	–	–	–	–	–	–	–	–
Female	5	1	3	–	–	1	–	–	–	–	–	–	–
Not stated [2]	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Viral hepatitis (070)	1,433	3	4	2	29	105	197	169	232	368	267	57	-
Male	850	1	3	1	11	77	156	128	132	192	129	20	-
Female	583	2	1	1	18	28	41	41	100	176	138	37	-
Hispanic	84	-	1	1	-	7	15	12	14	22	8	4	-
Male	46	-	-	-	-	7	13	7	8	7	1	3	-
Female	38	-	1	1	-	-	2	5	6	15	7	1	-
Mexican	46	-	1	-	-	4	6	8	9	11	4	3	-
Male	24	-	-	-	-	4	5	4	5	4	-	2	-
Female	22	-	1	-	-	-	1	4	4	7	4	1	-
Puerto Rican	12	-	-	-	-	1	7	2	1	1	-	-	-
Male	9	-	-	-	-	1	6	2	-	-	-	-	-
Female	3	-	-	-	-	-	1	-	1	1	-	-	-
Cuban	8	-	-	-	-	-	-	-	3	3	1	1	-
Male	7	-	-	-	-	-	-	-	3	2	1	1	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-
Central and South American	5	-	-	-	-	1	-	1	-	1	2	-	-
Male	3	-	-	-	-	1	-	1	-	1	-	-	-
Female	2	-	-	-	-	-	-	-	-	-	2	-	-
Other and unknown Hispanic	13	-	-	1	-	1	2	1	1	6	1	-	-
Male	3	-	-	-	-	1	2	-	-	-	-	-	-
Female	10	-	-	1	-	-	-	1	1	6	1	-	-
Non-Hispanic [1]	1,337	3	3	1	27	98	181	155	214	345	257	53	-
Male	797	1	3	1	10	70	142	120	123	184	126	17	-
Female	540	2	-	-	17	28	39	35	91	161	131	36	-
White	1,066	-	2	-	16	64	133	109	169	293	234	46	-
Male	645	-	2	-	7	48	110	86	101	160	115	16	-
Female	421	-	-	-	9	16	23	23	68	133	119	30	-
Black	174	3	-	-	11	30	35	24	19	33	13	6	-
Male	87	1	-	-	3	19	22	15	7	15	5	-	-
Female	87	2	-	-	8	11	13	9	12	18	8	6	-
Not stated [2]	12	-	-	-	2	-	1	2	4	1	2	-	-
Male	7	-	-	-	1	-	1	1	1	1	2	-	-
Female	5	-	-	-	1	-	-	1	3	-	-	-	-
Syphilis (090-097)	98	24	1	-	2	5	7	9	6	9	22	13	-
Male	55	14	-	-	2	3	6	9	3	2	10	6	-
Female	43	10	1	-	-	2	1	-	3	7	12	7	-
Hispanic	5	2	-	-	-	-	1	1	-	-	1	-	-
Male	5	2	-	-	-	-	1	1	-	-	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Mexican	1	-	-	-	-	-	-	-	-	-	1	-	-
Male	1	-	-	-	-	-	-	-	-	-	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rican	1	1	-	-	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	2	1	-	-	-	-	1	-	-	-	-	-	-
Male	2	1	-	-	-	-	1	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	1	-	-	-	-	-	-	1	-	-	-	-	-
Male	1	-	-	-	-	-	-	1	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Hispanic [1]	92	22	1	-	2	5	6	7	6	9	21	13	-
Male	49	12	-	-	2	3	5	7	3	2	9	6	-
Female	43	10	1	-	-	2	1	-	3	7	12	7	-
White	33	1	-	-	2	1	2	2	3	2	13	7	-
Male	13	-	-	-	2	1	1	2	1	-	3	3	-
Female	20	1	-	-	-	-	1	-	2	2	10	4	-
Black	58	21	1	-	-	4	4	5	3	7	8	5	-
Male	35	12	-	-	-	2	4	5	2	2	6	2	-
Female	23	9	1	-	-	2	-	-	1	5	2	3	-
Not stated [2]	1	-	-	-	-	-	-	1	-	-	-	-	-
Male	1	-	-	-	-	-	-	1	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
All other infectious and parasitic diseases (001-003,005,020-032, 037,039-041,*042-*044,046-054,056-066,071-088,098-139)	26,380	300	174	155	613	7,503	8,759	3,595	1,893	1,554	1,229	591	14
Male	21,682	176	85	77	443	6,619	7,919	3,191	1,421	917	612	211	11
Female	4,698	124	89	78	170	884	840	404	472	637	617	380	3
Hispanic	2,475	32	17	17	85	885	874	292	141	73	45	12	2
Male	2,164	23	7	7	70	796	809	267	112	40	25	6	2
Female	311	9	10	10	15	89	65	25	29	33	20	6	-
Mexican	1,086	20	6	9	49	387	342	125	72	43	25	6	2
Male	971	14	3	5	44	368	324	116	57	24	11	3	2
Female	115	6	3	4	5	19	18	9	15	19	14	3	-
Puerto Rican	460	3	4	5	14	188	180	43	14	5	3	1	-
Male	359	1	1	1	8	152	150	29	10	4	2	1	-
Female	101	2	3	4	6	36	30	14	4	1	1	-	-
Cuban	313	1	-	-	1	95	128	52	18	8	9	1	-
Male	294	1	-	-	-	88	124	52	16	5	7	1	-
Female	19	-	-	-	1	7	4	-	2	3	2	-	-
Central and South American	256	3	2	1	8	95	93	31	17	4	2	-	-
Male	230	2	-	-	7	85	91	30	13	1	1	-	-
Female	26	1	2	1	1	10	2	1	4	3	1	-	-
Other and unknown Hispanic	360	5	5	2	13	120	131	41	20	13	6	4	-
Male	310	5	3	1	11	103	120	40	16	6	4	1	-
Female	50	-	2	1	2	17	11	1	4	7	2	3	-
Non-Hispanic [1]	23,659	267	156	136	520	6,559	7,813	3,258	1,728	1,467	1,173	574	8
Male	19,312	152	77	70	368	5,773	7,043	2,885	1,287	866	581	204	6
Female	4,347	115	79	66	152	786	770	373	441	601	592	370	2
White	16,497	140	72	77	291	4,154	5,299	2,377	1,296	1,231	1,033	523	4
Male	13,884	82	35	41	211	3,875	5,042	2,193	982	723	512	184	4
Female	2,613	58	37	36	80	279	257	184	314	508	521	339	-
Black	6,867	118	77	51	221	2,345	2,445	839	401	203	122	41	4
Male	5,196	64	39	25	151	1,847	1,942	653	284	116	61	12	2
Female	1,671	54	38	26	70	498	503	186	117	87	61	29	2
Not stated [2]	246	1	1	2	8	59	72	45	24	14	11	5	4
Male	206	1	1	-	5	50	67	39	22	11	6	1	3
Female	40	-	-	2	3	9	5	6	2	3	5	4	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	465,991	85	485	1,012	1,672	4,932	14,873	36,570	87,621	145,704	124,358	48,655	24
Male	247,852	45	269	568	992	2,470	6,531	18,278	49,072	82,257	66,114	21,241	15
Female	218,139	40	216	444	680	2,462	8,342	18,292	38,549	63,447	58,244	27,414	9
Hispanic	12,759	9	67	116	170	338	740	1,440	2,625	3,368	2,726	1,158	2
Male	6,799	6	39	64	101	164	289	690	1,471	1,886	1,478	609	2
Female	5,960	3	28	52	69	174	451	750	1,154	1,482	1,248	549	-
Mexican	7,111	7	43	74	118	217	425	787	1,487	1,878	1,452	621	2
Male	3,815	5	27	43	70	104	154	381	825	1,082	807	315	2
Female	3,296	2	16	31	48	113	271	406	662	796	645	306	-
Puerto Rican	805	1	3	7	10	35	60	121	200	195	133	40	-
Male	431	1	2	4	5	17	24	61	123	105	67	22	-
Female	374	-	1	3	5	18	36	60	77	90	66	18	-
Cuban	1,723	-	2	5	4	12	49	177	335	491	470	178	-
Male	970	-	1	3	4	7	27	93	192	301	247	95	-
Female	753	-	1	2	-	5	22	84	143	190	223	83	-
Central and South American	776	-	5	17	18	35	87	127	152	166	119	50	-
Male	335	-	5	7	12	12	30	52	75	62	52	28	-
Female	441	-	-	10	6	23	57	75	77	104	67	22	-
Other and unknown Hispanic	2,344	1	14	13	20	39	119	228	451	638	552	269	-
Male	1,248	-	4	7	10	24	54	103	256	336	305	149	-
Female	1,096	1	10	6	10	15	65	125	195	302	247	120	-
Non-Hispanic [1]	450,217	73	414	885	1,490	4,543	14,004	34,842	84,371	141,393	120,967	47,216	19
Male	239,308	38	228	495	885	2,270	6,181	17,439	47,211	79,798	64,261	20,492	10
Female	210,909	35	186	390	605	2,273	7,823	17,403	37,160	61,595	56,706	26,724	9
White	395,245	57	324	714	1,191	3,614	11,230	28,580	71,933	125,341	109,248	43,005	8
Male	208,345	28	181	399	718	1,868	4,940	14,050	40,015	70,219	57,527	18,394	5
Female	186,900	29	143	315	473	1,745	6,290	14,530	31,918	55,122	51,721	24,611	3
Black	49,096	13	74	134	249	800	2,375	5,507	11,211	14,434	10,506	3,783	10
Male	27,718	9	38	76	136	336	1,065	3,031	6,556	8,621	5,987	1,858	5
Female	21,378	4	36	58	113	464	1,310	2,476	4,655	5,813	4,519	1,925	5
Not stated [2]	3,015	3	4	11	12	51	129	288	625	943	665	281	3
Male	1,745	1	2	9	6	36	61	149	390	573	375	140	3
Female	1,270	2	2	2	6	15	68	139	235	370	290	141	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-Con.													
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	7,741	-	1	5	20	61	287	848	1,976	2,343	1,575	625	-
Male	5,186	-	-	4	14	47	228	663	1,486	1,560	903	281	-
Female	2,555	-	1	1	6	14	59	185	490	783	672	344	-
Hispanic	198	-	-	-	-	3	9	16	47	61	39	23	-
Male	147	-	-	-	-	1	7	16	39	45	22	17	-
Female	51	-	-	-	-	2	2	-	8	16	17	6	-
Mexican	93	-	-	-	-	3	2	5	20	32	17	14	-
Male	66	-	-	-	-	1	1	5	19	22	8	10	-
Female	27	-	-	-	-	2	1	-	1	10	9	4	-
Puerto Rican	19	-	-	-	-	-	-	3	8	3	3	2	-
Male	14	-	-	-	-	-	-	3	6	2	2	1	-
Female	5	-	-	-	-	-	-	-	2	1	1	1	-
Cuban	31	-	-	-	-	-	2	4	5	11	6	3	-
Male	27	-	-	-	-	-	2	4	4	10	5	2	-
Female	4	-	-	-	-	-	-	-	1	1	1	1	-
Central and South American	10	-	-	-	-	-	1	2	3	2	2	-	-
Male	8	-	-	-	-	-	1	2	2	1	2	-	-
Female	2	-	-	-	-	-	-	-	1	1	-	-	-
Other and unknown Hispanic	45	-	-	-	-	-	4	2	11	13	11	4	-
Male	32	-	-	-	-	-	3	2	8	10	5	4	-
Female	13	-	-	-	-	-	1	-	3	3	6	-	-
Non-Hispanic [1]	7,492	-	1	5	20	58	277	827	1,914	2,268	1,526	596	-
Male	5,003	-	-	4	14	46	220	642	1,435	1,505	875	262	-
Female	2,489	-	1	1	6	12	57	185	479	763	651	334	-
White	6,194	-	1	4	16	37	165	562	1,500	1,946	1,407	556	-
Male	4,021	-	-	3	12	28	127	430	1,114	1,274	790	243	-
Female	2,173	-	1	1	4	9	38	132	386	672	617	313	-
Black	1,146	-	-	1	4	17	93	240	383	281	95	32	-
Male	878	-	-	1	2	14	79	196	300	200	71	15	-
Female	268	-	-	-	2	3	14	44	83	81	24	17	-
Not stated [2]	51	-	-	-	-	-	1	5	15	14	10	6	-
Male	36	-	-	-	-	-	1	5	12	10	6	2	-
Female	15	-	-	-	-	-	-	-	3	4	4	4	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	110,886	8	23	14	97	554	2,468	7,216	18,520	33,775	32,903	15,302	6
Male	58,811	4	13	6	54	309	1,512	4,495	11,411	19,509	16,093	5,400	5
Female	52,075	4	10	8	43	245	956	2,721	7,109	14,266	16,810	9,902	1
Hispanic	3,721	-	1	-	13	50	152	399	775	1,045	917	369	-
Male	2,034	-	-	-	7	27	82	233	476	595	459	155	-
Female	1,687	-	1	-	6	23	70	166	299	450	458	214	-
Mexican	2,117	-	-	-	7	35	94	231	451	593	502	204	-
Male	1,187	-	-	-	4	19	51	140	279	347	266	81	-
Female	930	-	-	-	3	16	43	91	172	246	236	123	-
Puerto Rican	236	-	-	-	-	4	13	38	64	49	56	12	-
Male	129	-	-	-	-	2	9	20	42	23	28	5	-
Female	107	-	-	-	-	2	4	18	22	26	28	7	-
Cuban	504	-	-	-	-	1	7	42	106	147	138	63	-
Male	265	-	-	-	-	1	3	22	64	89	55	31	-
Female	239	-	-	-	-	-	4	20	42	58	83	32	-
Central and South American	216	-	-	-	2	6	16	26	46	59	45	16	-
Male	89	-	-	-	1	1	6	12	25	22	17	5	-
Female	127	-	-	-	1	5	10	14	21	37	28	11	-
Other and unknown Hispanic	648	-	1	-	4	4	22	62	108	197	176	74	-
Male	364	-	-	-	2	4	13	39	66	114	93	33	-
Female	284	-	1	-	2	-	9	23	42	83	83	41	-
Non-Hispanic [1]	106,516	8	22	14	84	500	2,301	6,769	17,634	32,504	31,835	14,840	5
Male	56,403	4	13	6	47	279	1,420	4,234	10,855	18,787	15,554	5,200	4
Female	50,113	4	9	8	37	221	881	2,535	6,779	13,717	16,281	9,640	1
White	91,695	8	13	10	55	358	1,699	5,199	14,468	28,097	28,326	13,460	2
Male	48,243	4	9	5	30	203	1,052	3,220	8,958	16,317	13,789	4,654	2
Female	43,452	4	4	5	25	155	647	1,979	5,510	11,780	14,537	8,806	-
Black	12,761	-	8	4	25	112	482	1,311	2,725	3,821	3,071	1,219	3
Male	6,897	-	3	1	14	55	294	846	1,622	2,109	1,495	456	2
Female	5,864	-	5	3	11	57	188	465	1,103	1,712	1,576	763	1
Not stated [2]	649	-	-	-	-	4	15	48	111	226	151	93	1
Male	374	-	-	-	-	3	10	28	80	127	80	45	1
Female	275	-	-	-	-	1	5	20	31	99	71	48	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-Con.													
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	135,468	3	3	13	37	304	2,468	11,289	32,543	49,938	31,822	7,043	5
Male	87,905	2	2	6	27	196	1,533	7,104	21,410	32,871	20,559	4,192	3
Female	47,563	1	1	7	10	108	935	4,185	11,133	17,067	11,263	2,851	2
Hispanic	2,559	-	1	2	5	11	70	232	604	847	578	209	-
Male	1,816	-	1	-	5	9	48	165	449	601	398	140	-
Female	743	-	-	2	-	2	22	67	155	246	180	69	-
Mexican	1,388	-	-	1	3	8	35	112	317	462	325	125	-
Male	1,009	-	-	-	3	7	23	79	241	339	235	82	-
Female	379	-	-	1	-	1	12	33	76	123	90	43	-
Puerto Rican	148	-	-	-	-	-	5	17	43	53	27	3	-
Male	102	-	-	-	-	-	3	10	33	40	14	2	-
Female	46	-	-	-	-	-	2	7	10	13	13	1	-
Cuban	408	-	-	-	1	-	13	46	89	127	102	30	-
Male	309	-	-	-	1	-	11	37	68	99	71	22	-
Female	99	-	-	-	-	-	2	9	21	28	31	8	-
Central and South American	112	-	-	-	1	3	6	16	24	27	25	10	-
Male	73	-	-	-	1	2	3	13	18	15	12	9	-
Female	39	-	-	-	-	1	3	3	6	12	13	1	-
Other and unknown Hispanic	503	-	1	1	-	-	11	41	131	178	99	41	-
Male	323	-	1	-	-	-	8	26	89	108	66	25	-
Female	180	-	-	1	-	-	3	15	42	70	33	16	-
Non-Hispanic [1]	132,011	3	2	11	32	287	2,377	10,950	31,709	48,766	31,073	6,797	4
Male	85,459	2	1	6	22	182	1,470	6,873	20,793	32,032	20,045	4,031	2
Female	46,552	1	1	5	10	105	907	4,077	10,916	16,734	11,028	2,766	2
White	116,900	3	1	8	20	217	1,856	9,025	27,300	43,776	28,484	6,208	2
Male	74,857	2	-	4	13	132	1,125	5,532	17,719	28,457	18,215	3,657	1
Female	42,043	1	1	4	7	85	731	3,493	9,581	15,319	10,269	2,551	1
Black	13,772	-	1	2	12	65	482	1,786	4,085	4,546	2,287	504	2
Male	9,722	-	1	1	9	48	325	1,257	2,876	3,258	1,629	317	1
Female	4,050	-	-	1	3	17	157	529	1,209	1,288	658	187	1
Not stated [2]	898	-	-	-	-	6	21	107	230	325	171	37	1
Male	630	-	-	-	-	5	15	66	168	238	116	21	1
Female	268	-	-	-	-	1	6	41	62	87	55	16	-
Malignant neoplasm of breast (174-175)	40,102	-	-	-	14	580	3,107	5,377	8,092	10,519	8,468	3,944	1
Male	250	-	-	-	1	-	8	33	54	78	57	19	-
Female	39,852	-	-	-	13	580	3,099	5,344	8,038	10,441	8,411	3,925	1
Hispanic	1,138	-	-	-	1	46	151	259	255	243	127	56	-
Male	6	-	-	-	-	-	-	3	1	1	1	-	-
Female	1,132	-	-	-	1	46	151	256	254	242	126	56	-
Mexican	601	-	-	-	-	33	96	131	150	106	59	26	-
Male	3	-	-	-	-	-	-	2	-	1	-	-	-
Female	598	-	-	-	-	33	96	129	150	105	59	26	-
Puerto Rican	78	-	-	-	1	2	11	20	20	17	5	2	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	78	-	-	-	1	2	11	20	20	17	5	2	-
Cuban	179	-	-	-	-	2	11	37	38	46	34	11	-
Male	1	-	-	-	-	-	-	1	-	-	-	-	-
Female	178	-	-	-	-	2	11	36	38	46	34	11	-
Central and South American	72	-	-	-	-	3	14	27	10	15	-	3	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	72	-	-	-	-	3	14	27	10	15	-	3	-
Other and unknown Hispanic	208	-	-	-	-	6	19	44	37	59	29	14	-
Male	2	-	-	-	-	-	-	-	1	-	1	-	-
Female	206	-	-	-	-	6	19	44	36	59	28	14	-
Non-Hispanic [1]	38,712	-	-	-	13	531	2,923	5,081	7,786	10,222	8,288	3,867	1
Male	241	-	-	-	1	-	7	30	53	76	56	18	-
Female	38,471	-	-	-	12	531	2,916	5,051	7,733	10,146	8,232	3,849	1
White	34,336	-	-	-	8	390	2,358	4,262	6,790	9,286	7,654	3,587	1
Male	202	-	-	-	-	-	6	22	43	53	51	17	-
Female	34,134	-	-	-	8	390	2,352	4,240	6,747	9,223	7,603	3,570	1
Black	3,976	-	-	-	5	136	496	710	900	862	597	270	-
Male	38	-	-	-	1	-	1	8	9	13	5	1	-
Female	3,938	-	-	-	4	136	495	702	891	849	592	269	-
Not stated [2]	252	-	-	-	-	3	33	37	51	54	53	21	-
Male	3	-	-	-	-	-	1	-	-	1	-	1	-
Female	249	-	-	-	-	3	32	37	51	53	53	20	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-Con.													
Malignant neoplasms of genital organs (179-187)	53,048	1	-	5	102	534	1,378	2,614	6,645	15,684	17,924	8,159	2
Male	30,431	1	-	-	49	115	109	328	2,534	9,073	12,404	5,816	2
Female	22,617	-	-	5	53	419	1,269	2,286	4,111	6,611	5,520	2,343	-
Hispanic	1,496	-	-	2	12	46	106	123	250	361	394	201	1
Male	708	-	-	-	6	11	7	8	77	180	265	153	1
Female	788	-	-	2	6	35	99	115	173	181	129	48	-
Mexican	810	-	-	1	10	35	66	65	153	194	195	90	1
Male	351	-	-	-	5	9	6	4	49	94	118	65	1
Female	459	-	-	1	5	26	60	61	104	100	77	25	-
Puerto Rican	84	-	-	-	1	3	5	11	18	24	11	11	-
Male	40	-	-	-	-	1	-	1	5	14	10	9	-
Female	44	-	-	-	1	2	5	10	13	10	1	2	-
Cuban	176	-	-	-	-	1	2	6	23	51	70	23	-
Male	116	-	-	-	-	-	1	-	8	29	59	19	-
Female	60	-	-	-	-	1	1	6	15	22	11	4	-
Central and South American	104	-	-	1	-	4	15	20	19	20	14	11	-
Male	25	-	-	-	-	-	-	1	3	5	6	10	-
Female	79	-	-	1	-	4	15	19	16	15	8	1	-
Other and unknown Hispanic	322	-	-	-	1	3	18	21	37	72	104	66	-
Male	176	-	-	-	1	1	-	2	12	38	72	50	-
Female	146	-	-	-	-	2	18	19	25	34	32	16	-
Non-Hispanic [1]	51,227	1	-	3	90	485	1,261	2,470	6,340	15,228	17,442	7,906	1
Male	29,545	1	-	-	43	102	100	318	2,439	8,836	12,081	5,624	1
Female	21,682	-	-	3	47	383	1,161	2,152	3,901	6,392	5,361	2,282	-
White	43,595	1	-	2	76	387	1,021	2,058	5,223	12,921	15,003	6,902	1
Male	24,793	1	-	-	41	96	93	262	1,907	7,285	10,212	4,835	1
Female	18,862	-	-	2	35	291	928	1,796	3,316	5,636	4,791	2,067	-
Black	7,052	-	-	-	10	82	202	347	1,018	2,154	2,293	946	-
Male	4,558	-	-	-	1	5	7	50	511	1,482	1,756	746	-
Female	2,494	-	-	-	9	77	195	297	507	672	537	200	-
Not stated [2]	325	-	-	-	-	3	11	21	55	95	88	52	-
Male	178	-	-	-	-	2	2	2	18	57	58	39	-
Female	147	-	-	-	-	1	9	19	37	38	30	13	-
Malignant neoplasms of urinary organs (188-189)	19,044	-	18	29	20	95	352	1,169	3,058	5,553	5,922	2,827	1
Male	12,194	-	7	15	4	52	251	831	2,164	3,712	3,706	1,452	-
Female	6,850	-	11	14	16	43	101	338	894	1,841	2,216	1,375	1
Hispanic	528	-	2	2	2	8	19	50	115	133	127	70	-
Male	351	-	1	2	-	7	14	38	82	87	80	40	-
Female	177	-	1	-	2	1	5	12	33	46	47	30	-
Mexican	299	-	1	2	2	5	11	31	74	78	62	33	-
Male	195	-	1	2	-	4	9	21	49	48	42	19	-
Female	104	-	-	-	2	1	2	10	25	30	20	14	-
Puerto Rican	31	-	-	-	-	1	1	3	8	7	8	3	-
Male	19	-	-	-	-	1	-	3	7	4	2	2	-
Female	12	-	-	-	-	-	1	-	1	3	6	1	-
Cuban	77	-	-	-	-	1	1	6	11	20	23	15	-
Male	57	-	-	-	-	1	1	6	9	17	15	8	-
Female	20	-	-	-	-	-	-	-	2	3	8	7	-
Central and South American	19	-	-	-	-	-	-	2	4	5	7	1	-
Male	13	-	-	-	-	-	-	2	4	3	3	1	-
Female	6	-	-	-	-	-	-	-	-	2	4	-	-
Other and unknown Hispanic	102	-	1	-	-	1	6	8	18	23	27	18	-
Male	67	-	-	-	-	1	4	6	13	15	18	10	-
Female	35	-	1	-	-	-	2	2	5	8	9	8	-
Non-Hispanic [1]	18,399	-	16	27	18	86	329	1,111	2,919	5,383	5,771	2,738	1
Male	11,766	-	6	13	4	45	235	788	2,063	3,598	3,612	1,402	-
Female	6,633	-	10	14	14	41	94	323	856	1,785	2,159	1,336	1
White	16,685	-	14	24	9	52	269	946	2,583	4,895	5,336	2,556	1
Male	10,770	-	6	11	3	29	199	687	1,849	3,297	3,368	1,321	-
Female	5,915	-	8	13	6	23	70	259	734	1,598	1,968	1,235	1
Black	1,562	-	1	3	9	33	53	147	313	447	401	155	-
Male	903	-	-	2	1	15	31	93	199	273	221	68	-
Female	659	-	1	1	8	18	22	54	114	174	180	87	-
Not stated [2]	117	-	-	-	-	1	4	8	24	37	24	19	-
Male	77	-	-	-	-	-	2	5	19	27	14	10	-
Female	40	-	-	-	-	1	2	3	5	10	10	9	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-Con.													
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	55,645	49	267	520	623	1,437	2,910	5,001	10,314	15,600	13,263	5,654	7
Male	29,511	26	149	261	372	861	1,721	2,963	6,147	8,635	6,280	2,092	4
Female	26,134	23	118	259	251	576	1,189	2,038	4,167	6,965	6,983	3,562	3
Hispanic	1,600	6	30	40	48	69	112	177	315	395	265	143	–
Male	877	4	16	18	31	39	57	114	187	216	127	68	–
Female	723	2	14	22	17	30	55	63	128	179	138	75	–
Mexican	937	5	18	26	29	42	63	108	175	242	144	85	–
Male	517	4	11	13	18	27	28	71	104	131	70	40	–
Female	420	1	7	13	11	15	35	37	71	111	74	45	–
Puerto Rican	109	–	2	3	4	11	13	13	21	24	14	4	–
Male	58	–	1	1	1	4	7	11	14	11	6	2	–
Female	51	–	1	2	3	7	6	2	7	13	8	2	–
Cuban	168	–	2	3	1	2	8	15	31	47	44	15	–
Male	91	–	1	1	1	1	7	7	14	31	23	5	–
Female	77	–	1	2	–	1	1	8	17	16	21	10	–
Central and South American	107	–	3	5	7	6	16	13	19	24	10	4	–
Male	56	–	3	2	6	1	8	8	10	10	6	2	–
Female	51	–	–	3	1	5	8	5	9	14	4	2	–
Other and unknown Hispanic	279	1	5	3	7	8	12	28	69	58	53	35	–
Male	155	–	–	1	5	6	7	17	45	33	22	19	–
Female	124	1	5	2	2	2	5	11	24	25	31	16	–
Non-Hispanic [1]	53,650	41	233	474	570	1,354	2,773	4,785	9,909	15,109	12,915	5,481	6
Male	28,397	22	131	239	338	814	1,646	2,822	5,901	8,361	6,107	2,013	3
Female	25,253	19	102	235	232	540	1,127	1,963	4,008	6,748	6,808	3,468	3
White	47,937	30	179	388	468	1,154	2,418	4,119	8,682	13,620	11,816	5,062	1
Male	25,353	14	99	195	279	710	1,445	2,418	5,179	7,538	5,608	1,867	1
Female	22,584	16	80	193	189	444	973	1,701	3,503	6,082	6,208	3,195	–
Black	5,050	11	47	71	85	169	303	576	1,105	1,336	971	372	4
Male	2,697	8	26	36	48	88	171	354	657	748	429	130	2
Female	2,353	3	21	35	37	81	132	222	448	588	542	242	2
Not stated [2]	395	2	4	6	5	14	25	39	90	96	83	30	1
Male	237	–	2	4	3	8	18	27	59	58	46	11	1
Female	158	2	2	2	2	6	7	12	31	38	37	19	–
Leukemia (204-208)	17,162	24	158	353	496	616	808	1,120	2,248	4,405	4,726	2,206	2
Male	9,430	12	89	221	300	372	427	639	1,345	2,642	2,486	896	1
Female	7,732	12	69	132	196	244	381	481	903	1,763	2,240	1,310	1
Hispanic	667	3	30	62	75	58	60	79	95	80	93	31	1
Male	361	2	18	37	42	36	27	44	49	45	48	12	1
Female	306	1	12	25	33	22	33	35	46	35	45	19	–
Mexican	401	2	23	40	60	35	28	48	57	47	45	15	1
Male	221	1	14	24	35	23	14	25	24	26	29	5	1
Female	180	1	9	16	25	12	14	23	33	21	16	10	–
Puerto Rican	34	1	1	4	2	5	6	4	3	6	–	2	–
Male	16	1	1	3	2	2	–	3	2	1	–	1	–
Female	18	–	–	1	–	3	6	1	1	5	–	1	–
Cuban	62	–	–	–	1	2	2	3	15	11	22	6	–
Male	31	–	–	–	1	1	–	2	13	9	3	2	–
Female	31	–	–	–	–	1	2	1	2	2	19	4	–
Central and South American	59	–	–	10	6	6	8	10	6	6	6	1	–
Male	29	–	–	5	2	3	4	8	4	1	2	–	–
Female	30	–	–	5	4	3	4	2	2	5	4	1	–
Other and unknown Hispanic	111	–	6	8	6	10	16	14	14	10	20	7	–
Male	64	–	3	5	2	7	9	6	6	8	14	4	–
Female	47	–	3	3	4	3	7	8	8	2	6	3	–
Non-Hispanic [1]	16,356	20	128	286	416	551	739	1,031	2,136	4,283	4,600	2,165	1
Male	8,969	9	71	179	256	329	393	587	1,282	2,569	2,416	878	–
Female	7,387	11	57	107	160	222	346	444	854	1,714	2,184	1,287	1
White	14,743	15	106	223	335	442	605	881	1,877	3,928	4,291	2,040	–
Male	8,091	7	61	140	213	273	321	504	1,144	2,351	2,253	824	–
Female	6,652	8	45	83	122	169	284	377	733	1,577	2,038	1,216	–
Black	1,383	2	15	47	62	81	102	135	223	318	280	117	1
Male	749	1	8	31	31	42	55	72	125	191	143	50	–
Female	634	1	7	16	31	39	47	63	98	127	137	67	1
Not stated [2]	139	1	–	5	5	7	9	10	17	42	33	10	–
Male	100	1	–	5	2	7	7	8	14	28	22	6	–
Female	39	–	–	–	3	–	2	2	3	14	11	4	–

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-Con.													
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	26,895	-	15	73	263	751	1,095	1,936	4,225	7,887	7,755	2,895	-
Male	14,134	-	9	55	171	518	742	1,222	2,521	4,177	3,626	1,093	-
Female	12,761	-	6	18	92	233	353	714	1,704	3,710	4,129	1,802	-
Hispanic	852	-	3	8	14	47	61	105	169	203	186	56	-
Male	499	-	3	7	10	34	47	69	111	116	78	24	-
Female	353	-	-	1	4	13	14	36	58	87	108	32	-
Mexican	465	-	1	4	7	21	30	56	90	124	103	29	-
Male	266	-	1	4	5	14	22	34	60	74	39	13	-
Female	199	-	-	-	2	7	8	22	30	50	64	16	-
Puerto Rican	66	-	-	-	2	9	6	12	15	12	9	1	-
Male	53	-	-	-	2	7	5	10	14	10	5	-	-
Female	13	-	-	-	-	2	1	2	1	2	4	1	-
Cuban	118	-	-	2	1	3	3	18	17	31	31	12	-
Male	73	-	-	2	1	3	2	14	12	17	16	6	-
Female	45	-	-	-	-	-	1	4	5	14	15	6	-
Central and South American	77	-	2	1	2	7	11	11	21	8	10	4	-
Male	42	-	2	-	2	5	8	6	9	5	4	1	-
Female	35	-	-	1	-	2	3	5	12	3	6	3	-
Other and unknown Hispanic	126	-	-	1	2	7	11	8	26	28	33	10	-
Male	65	-	-	1	-	5	10	5	16	10	14	4	-
Female	61	-	-	-	2	2	1	3	10	18	19	6	-
Non-Hispanic [1]	25,854	-	12	65	247	691	1,024	1,818	4,024	7,630	7,517	2,826	-
Male	13,525	-	6	48	160	473	690	1,145	2,390	4,034	3,515	1,064	-
Female	12,329	-	6	17	87	218	334	673	1,634	3,596	4,002	1,762	-
White	23,160	-	10	55	204	577	839	1,528	3,510	6,872	6,931	2,634	-
Male	12,075	-	6	41	127	398	572	975	2,102	3,637	3,241	976	-
Female	11,085	-	4	14	77	179	267	553	1,408	3,235	3,690	1,658	-
Black	2,374	-	2	6	37	105	162	255	459	669	511	168	-
Male	1,276	-	-	4	29	69	102	155	257	347	238	75	-
Female	1,098	-	2	2	8	36	60	100	202	322	273	93	-
Not stated [2]	189	-	-	-	2	13	10	13	32	54	52	13	-
Male	110	-	-	-	1	11	5	8	20	27	33	5	-
Female	79	-	-	-	1	2	5	5	12	27	19	8	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6,211	63	71	92	83	196	266	359	695	1,418	1,852	1,115	1
Male	2,765	28	31	40	39	105	149	178	351	747	748	349	-
Female	3,446	35	40	52	44	91	117	181	344	671	1,104	766	1
Hispanic	193	9	6	8	8	19	13	13	23	35	37	22	-
Male	92	1	2	4	5	12	8	4	10	23	16	7	-
Female	101	8	4	4	3	7	5	9	13	12	21	15	-
Mexican	99	6	2	6	4	11	6	6	14	18	19	7	-
Male	47	-	1	3	2	7	2	2	6	13	8	3	-
Female	52	6	1	3	2	4	4	4	8	5	11	4	-
Puerto Rican	11	1	-	-	-	2	2	-	2	4	-	-	-
Male	6	-	-	-	-	1	2	-	2	1	-	-	-
Female	5	1	-	-	-	1	-	-	-	3	-	-	-
Cuban	29	-	1	-	-	3	1	5	3	2	8	6	-
Male	9	-	-	-	-	2	1	1	1	2	1	1	-
Female	20	-	1	-	-	1	-	4	2	-	7	5	-
Central and South American	16	-	2	1	3	2	2	-	-	2	4	-	-
Male	10	-	1	1	2	1	1	-	-	1	3	-	-
Female	6	-	1	-	1	1	1	-	-	1	1	-	-
Other and unknown Hispanic	38	2	1	1	1	1	2	2	4	9	6	9	-
Male	20	1	-	-	1	1	2	1	1	6	4	3	-
Female	18	1	1	1	-	-	-	1	3	3	2	6	-
Non-Hispanic [1]	5,962	53	63	83	74	173	252	341	667	1,371	1,804	1,081	-
Male	2,650	26	29	36	33	92	140	172	339	717	728	338	-
Female	3,312	27	34	47	41	81	112	169	328	654	1,076	743	-
White	5,227	41	51	70	55	148	198	266	571	1,197	1,621	1,009	-
Male	2,337	21	25	30	24	77	109	138	294	632	665	322	-
Female	2,890	20	26	40	31	71	89	128	277	565	956	687	-
Black	644	12	9	11	16	21	47	61	83	158	160	66	-
Male	277	5	4	4	7	12	28	30	40	78	55	14	-
Female	367	7	5	7	9	9	19	31	43	80	105	52	-
Not stated [2]	56	1	2	1	1	4	1	5	5	12	11	12	1
Male	23	1	-	-	1	1	1	2	2	7	4	4	-
Female	33	-	2	1	-	3	-	3	3	5	7	8	1

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Diabetes mellitus (250)	44,025	4	4	23	107	626	1,392	2,605	6,380	12,339	13,458	7,083	4
Male	18,775	3	1	14	44	343	847	1,424	3,149	5,632	5,346	1,970	2
Female	25,250	1	3	9	63	283	545	1,181	3,231	6,707	8,112	5,113	2
Hispanic	2,501	1	-	-	8	28	69	178	507	763	664	283	-
Male	1,110	1	-	-	4	18	44	96	252	346	261	88	-
Female	1,391	-	-	-	4	10	25	82	255	417	403	195	-
Mexican	1,669	1	-	-	5	22	46	123	363	533	412	164	-
Male	735	1	-	-	3	15	30	62	175	247	155	47	-
Female	934	-	-	-	2	7	16	61	188	286	257	117	-
Puerto Rican	156	-	-	-	1	5	6	14	36	40	37	17	-
Male	70	-	-	-	1	2	2	7	21	17	14	6	-
Female	86	-	-	-	-	3	4	7	15	23	23	11	-
Cuban	240	-	-	-	-	1	2	9	29	53	101	45	-
Male	111	-	-	-	-	1	2	6	14	27	46	15	-
Female	129	-	-	-	-	-	-	3	15	26	55	30	-
Central and South American	60	-	-	-	-	-	3	8	14	15	17	3	-
Male	27	-	-	-	-	-	1	4	10	7	5	-	-
Female	33	-	-	-	-	-	2	4	4	8	12	3	-
Other and unknown Hispanic	376	-	-	-	2	-	12	24	65	122	97	54	-
Male	167	-	-	-	-	-	9	17	32	48	41	20	-
Female	209	-	-	-	2	-	3	7	33	74	56	34	-
Non-Hispanic [1]	41,268	3	4	23	99	598	1,315	2,410	5,832	11,491	12,733	6,757	3
Male	17,555	2	1	14	40	325	798	1,321	2,876	5,246	5,063	1,867	2
Female	23,713	1	3	9	59	273	517	1,089	2,956	6,245	7,670	4,890	1
White	33,527	2	4	14	64	433	995	1,686	4,299	9,224	10,838	5,967	1
Male	14,590	1	1	7	32	228	622	964	2,222	4,405	4,437	1,670	1
Female	18,937	1	3	7	32	205	373	722	2,077	4,819	6,401	4,297	-
Black	6,980	1	-	8	34	161	296	660	1,376	2,035	1,707	700	2
Male	2,608	1	-	6	8	94	160	319	578	740	534	167	1
Female	4,372	-	-	2	26	67	136	341	798	1,295	1,173	533	1
Not stated [2]	256	-	-	-	-	-	8	17	41	85	61	43	1
Male	110	-	-	-	-	-	5	7	21	40	22	15	-
Female	146	-	-	-	-	-	3	10	20	45	39	28	1
Nutritional deficiencies (260-269)	2,835	15	4	1	9	13	24	41	118	312	851	1,446	1
Male	1,047	9	3	1	3	6	13	26	52	154	359	420	1
Female	1,788	6	1	-	6	7	11	15	66	158	492	1,026	-
Hispanic	94	4	2	-	1	-	1	1	5	11	22	46	1
Male	53	1	2	-	-	-	1	1	4	8	13	22	1
Female	41	3	-	-	1	-	-	-	1	3	9	24	-
Mexican	69	3	1	-	-	-	1	1	3	8	15	36	1
Male	38	1	1	-	-	-	1	1	2	5	9	17	1
Female	31	2	-	-	-	-	-	-	1	3	6	19	-
Puerto Rican	8	-	-	-	-	-	-	-	2	1	1	4	-
Male	6	-	-	-	-	-	-	-	2	1	-	3	-
Female	2	-	-	-	-	-	-	-	-	-	1	1	-
Cuban	2	-	-	-	-	-	-	-	-	1	1	-	-
Male	2	-	-	-	-	-	-	-	-	1	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	3	1	-	-	1	-	-	-	-	-	-	1	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	3	1	-	-	1	-	-	-	-	-	-	1	-
Other and unknown Hispanic	12	-	1	-	-	-	-	-	-	1	5	5	-
Male	7	-	1	-	-	-	-	-	-	1	3	2	-
Female	5	-	-	-	-	-	-	-	-	-	2	3	-
Non-Hispanic [1]	2,722	11	2	1	7	13	23	40	112	297	823	1,393	-
Male	985	8	1	1	3	6	12	25	48	143	342	396	-
Female	1,737	3	1	-	4	7	11	15	64	154	481	997	-
White	2,305	6	2	1	6	11	15	21	75	225	693	1,250	-
Male	801	5	1	1	3	6	7	10	32	114	283	339	-
Female	1,504	1	1	-	3	5	8	11	43	111	410	911	-
Black	381	5	-	-	-	1	7	19	35	67	118	129	-
Male	169	3	-	-	-	-	4	15	16	29	53	49	-
Female	212	2	-	-	-	1	3	4	19	38	65	80	-
Not stated [2]	19	-	-	-	1	-	-	-	1	4	6	7	-
Male	9	-	-	-	-	-	-	-	-	3	4	2	-
Female	10	-	-	-	1	-	-	-	1	1	2	5	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

*[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]*

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Anemias (280-285)	3,766	27	50	49	110	164	175	132	252	555	1,036	1,216	-
Male	1,618	20	31	26	67	93	88	67	113	271	452	390	-
Female	2,148	7	19	23	43	71	87	65	139	284	584	826	-
Hispanic	118	3	4	5	4	4	6	4	16	29	16	27	-
Male	49	3	3	1	3	3	4	2	7	12	3	8	-
Female	69	-	1	4	1	1	2	2	9	17	13	19	-
Mexican	75	2	3	5	1	-	4	3	8	24	11	14	-
Male	30	2	2	1	1	-	3	1	5	11	1	3	-
Female	45	-	1	4	-	-	1	2	3	13	10	11	-
Puerto Rican	8	-	-	-	-	1	-	1	1	-	3	2	-
Male	4	-	-	-	-	-	-	1	1	-	1	1	-
Female	4	-	-	-	-	1	-	-	-	-	2	1	-
Cuban	11	-	-	-	-	1	1	-	1	1	1	6	-
Male	4	-	-	-	-	1	-	-	-	-	1	2	-
Female	7	-	-	-	-	-	1	-	1	1	-	4	-
Central and South American	8	-	1	-	2	1	-	-	3	-	-	1	-
Male	3	-	1	-	1	1	-	-	-	-	-	-	-
Female	5	-	-	-	1	-	-	-	3	-	-	1	-
Other and unknown Hispanic	16	1	-	-	1	1	1	-	3	4	1	4	-
Male	8	1	-	-	1	1	1	-	1	1	-	2	-
Female	8	-	-	-	-	-	-	-	2	3	1	2	-
Non-Hispanic [1]	3,618	23	46	43	106	157	168	123	235	524	1,012	1,181	-
Male	1,556	16	28	24	64	89	84	63	105	259	444	380	-
Female	2,062	7	18	19	42	68	84	60	130	265	568	801	-
White	2,792	11	13	13	28	26	50	64	176	435	900	1,076	-
Male	1,130	6	6	3	15	14	29	33	74	221	385	342	-
Female	1,662	3	7	10	13	12	21	31	102	214	515	734	-
Black	768	6	29	28	75	129	115	55	52	81	103	95	-
Male	395	5	19	19	47	74	55	29	27	34	53	33	-
Female	373	1	10	9	28	55	60	26	25	47	50	62	-
Not stated [2]	30	1	-	1	-	3	1	5	1	2	8	8	-
Male	13	1	-	1	-	1	-	2	1	-	5	2	-
Female	17	-	-	-	-	2	1	3	-	2	3	6	-
Meningitis (320-322)	888	175	76	32	24	42	69	71	100	132	113	54	-
Male	476	96	49	16	13	29	52	45	54	60	44	18	-
Female	412	79	27	16	11	13	17	26	46	72	69	36	-
Hispanic	78	23	8	5	3	7	5	3	13	7	3	1	-
Male	50	13	6	4	2	4	3	3	9	4	2	-	-
Female	28	10	2	1	1	3	2	-	4	3	1	1	-
Mexican	57	18	6	4	1	3	3	3	10	6	3	-	-
Male	37	9	4	3	1	2	2	3	8	3	2	-	-
Female	20	9	2	1	-	1	1	-	2	3	1	-	-
Puerto Rican	9	3	-	-	-	3	2	-	1	-	-	-	-
Male	5	3	-	-	-	1	1	-	-	-	-	-	-
Female	4	-	-	-	-	2	1	-	1	-	-	-	-
Cuban	2	-	-	-	1	-	-	-	-	1	-	-	-
Male	1	-	-	-	-	-	-	-	-	1	-	-	-
Female	1	-	-	-	1	-	-	-	-	-	-	-	-
Central and South American	6	1	1	1	1	1	-	-	1	-	-	-	-
Male	4	-	1	1	1	1	-	-	-	-	-	-	-
Female	2	1	-	-	-	-	-	-	1	-	-	-	-
Other and unknown Hispanic	4	1	1	-	-	-	-	-	1	-	-	1	-
Male	3	1	1	-	-	-	-	-	1	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	1	-
Non-Hispanic [1]	804	152	66	27	21	35	63	68	86	124	109	53	-
Male	420	83	41	12	11	25	48	42	44	55	41	18	-
Female	384	69	25	15	10	10	15	26	42	69	68	35	-
White	556	81	45	20	13	23	39	38	66	103	85	43	-
Male	285	51	28	8	7	17	29	23	32	46	31	13	-
Female	271	30	17	12	6	6	10	15	34	57	54	30	-
Black	227	61	20	7	8	11	23	29	20	18	22	8	-
Male	125	28	13	4	4	7	18	18	12	7	10	4	-
Female	102	33	7	3	4	4	5	11	8	11	12	4	-
Not stated [2]	6	-	2	-	-	-	1	-	1	1	1	-	-
Male	6	-	2	-	-	-	1	-	1	1	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Major cardiovascular diseases (390-448)	839,040	865	299	372	1,139	4,029	13,429	32,883	83,714	182,587	272,189	247,418	116
Male	406,779	494	144	197	712	2,551	9,617	23,458	56,390	109,820	129,206	74,122	68
Female	432,261	371	155	175	427	1,478	3,812	9,425	27,324	72,767	142,983	173,296	48
Hispanic	21,636	90	30	35	112	288	637	1,392	3,148	4,880	6,060	4,958	6
Male	11,416	53	13	18	74	197	455	963	2,083	2,798	2,948	1,810	4
Female	10,220	37	17	17	38	91	182	429	1,065	2,082	3,112	3,148	2
Mexican	12,288	68	20	22	81	181	369	814	1,882	2,870	3,287	2,690	4
Male	6,567	41	8	11	54	129	261	554	1,223	1,649	1,630	1,005	2
Female	5,721	27	12	11	27	52	108	260	659	1,221	1,657	1,685	2
Puerto Rican	1,548	8	5	3	5	26	69	130	267	365	426	243	1
Male	829	7	1	-	2	18	44	92	173	197	207	87	1
Female	719	1	4	3	3	8	25	38	94	168	219	156	-
Cuban	2,894	1	1	1	1	15	39	115	355	587	1,016	763	-
Male	1,494	-	1	-	1	9	30	93	264	361	481	254	-
Female	1,400	1	-	1	-	6	9	22	91	226	535	509	-
Central and South American	1,035	7	2	4	8	33	63	113	161	197	252	195	-
Male	485	2	2	2	7	22	43	67	97	93	96	54	-
Female	550	5	-	2	1	11	20	46	64	104	156	141	-
Other and unknown Hispanic	3,871	6	2	5	17	33	97	220	483	861	1,079	1,067	1
Male	2,041	3	1	5	10	19	77	157	326	498	534	410	1
Female	1,830	3	1	-	7	14	20	63	157	363	545	657	-
Non-Hispanic [1]	812,274	764	264	334	1,024	3,705	12,671	31,218	79,885	176,501	264,557	241,270	81
Male	392,608	436	128	178	636	2,325	9,072	22,280	53,817	106,286	125,462	71,942	46
Female	419,666	328	136	156	388	1,380	3,599	8,938	26,068	70,215	139,095	169,328	35
White	719,258	464	164	244	664	2,440	8,907	23,932	65,640	153,329	239,299	224,134	41
Male	347,062	262	75	139	425	1,589	6,675	17,732	45,492	94,052	114,257	66,343	21
Female	372,196	202	89	105	239	851	2,232	6,200	20,148	59,277	125,042	157,791	20
Black	83,989	259	89	77	332	1,164	3,465	6,683	13,002	20,979	22,672	15,230	37
Male	40,544	152	49	35	190	669	2,183	4,140	7,556	10,965	9,782	4,800	23
Female	43,445	107	40	42	142	495	1,282	2,543	5,446	10,014	12,890	10,430	14
Not stated [2]	5,130	11	5	3	3	36	121	273	681	1,206	1,572	1,190	29
Male	2,755	5	3	1	2	29	90	215	490	736	796	370	18
Female	2,375	6	2	2	1	7	31	58	191	470	776	820	11
Diseases of heart (390-398,402,404-429)	656,424	710	249	284	849	2,949	10,684	27,426	70,602	147,783	209,740	185,049	99
Male	330,294	399	122	155	548	1,990	8,112	20,405	48,869	90,941	101,764	56,932	57
Female	326,130	311	127	129	301	959	2,572	7,021	21,733	56,842	107,976	128,117	42
Hispanic	16,903	79	23	21	71	180	448	1,098	2,558	3,918	4,697	3,804	6
Male	9,226	48	10	10	49	138	348	789	1,751	2,303	2,359	1,417	4
Female	7,677	31	13	11	22	42	100	309	807	1,615	2,338	2,387	2
Mexican	9,523	59	14	13	49	111	258	648	1,530	2,290	2,514	2,033	4
Male	5,280	36	5	7	34	88	200	460	1,032	1,350	1,284	782	2
Female	4,243	23	9	6	15	23	58	188	498	940	1,230	1,251	2
Puerto Rican	1,212	8	4	3	4	15	46	108	214	297	324	188	1
Male	651	7	1	-	2	12	32	76	139	162	157	62	1
Female	561	1	3	3	2	3	14	32	75	135	167	126	-
Cuban	2,420	1	1	1	1	12	30	94	296	504	845	635	-
Male	1,274	-	1	-	1	8	23	75	225	316	414	211	-
Female	1,146	1	-	1	-	4	7	19	71	188	431	424	-
Central and South American	754	6	2	2	5	19	41	79	124	149	182	145	-
Male	375	2	2	1	4	15	32	50	76	74	77	42	-
Female	379	4	-	1	1	4	9	29	48	75	105	103	-
Other and unknown Hispanic	2,994	5	2	2	12	23	73	169	394	678	832	803	1
Male	1,646	3	1	2	8	15	61	128	279	401	427	320	1
Female	1,348	2	1	-	4	8	12	41	115	277	405	483	-
Non-Hispanic [1]	635,535	623	221	260	776	2,741	10,142	26,100	67,480	142,906	203,856	180,363	67
Male	318,852	347	109	144	497	1,829	7,691	19,425	46,700	88,042	98,790	55,241	37
Female	316,683	276	112	116	279	912	2,451	6,675	20,780	54,864	105,066	125,122	30
White	564,903	378	136	191	495	1,806	7,384	20,515	56,149	125,026	185,058	167,729	36
Male	283,342	210	65	112	325	1,249	5,833	15,815	39,912	78,445	90,336	51,021	19
Female	281,561	168	71	79	170	557	1,551	4,700	16,237	46,581	94,722	116,708	17
Black	63,995	211	77	59	260	869	2,531	5,143	10,378	16,263	16,915	11,260	29
Male	31,681	120	41	29	155	531	1,683	3,272	6,167	8,633	7,409	3,624	17
Female	32,314	91	36	30	105	338	848	1,871	4,211	7,630	9,506	7,636	12
Not stated [2]	3,986	8	5	3	2	28	94	228	564	959	1,187	882	26
Male	2,216	4	3	1	2	23	73	191	418	596	615	274	16
Female	1,770	4	2	2	-	5	21	37	146	363	572	608	10

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Diseases of heart-Con.													
Rheumatic fever and rheumatic heart disease (390-398)	5,622	6	2	7	32	94	224	345	799	1,506	1,762	845	-
Male	1,707	2	-	3	15	47	102	117	315	522	437	147	-
Female	3,915	4	2	4	17	47	122	228	484	984	1,325	698	-
Hispanic	198	-	1	1	4	10	20	22	36	50	35	19	-
Male	58	-	-	1	3	9	8	3	10	11	9	4	-
Female	140	-	1	-	1	1	12	19	26	39	26	15	-
Mexican	98	-	-	1	4	4	9	9	21	26	19	5	-
Male	31	-	-	1	3	3	4	1	6	8	3	2	-
Female	67	-	-	-	1	1	5	8	15	18	16	3	-
Puerto Rican	19	-	1	-	-	2	4	1	3	4	4	-	-
Male	6	-	-	-	-	2	-	-	1	1	2	-	-
Female	13	-	1	-	-	-	4	1	2	3	2	-	-
Cuban	12	-	-	-	-	1	-	2	1	3	3	2	-
Male	6	-	-	-	-	1	-	1	1	-	2	1	-
Female	6	-	-	-	-	-	-	1	-	3	1	1	-
Central and South American	21	-	-	-	-	1	5	5	4	-	1	5	-
Male	5	-	-	-	-	1	2	-	1	-	-	1	-
Female	16	-	-	-	-	-	3	5	3	-	1	4	-
Other and unknown Hispanic	48	-	-	-	-	2	2	5	7	17	8	7	-
Male	10	-	-	-	-	2	2	1	1	2	2	-	-
Female	38	-	-	-	-	-	-	4	6	15	6	7	-
Non-Hispanic [1]	5,387	6	1	6	28	83	198	322	755	1,450	1,715	823	-
Male	1,632	2	-	2	12	37	92	113	300	508	423	143	-
Female	3,755	4	1	4	16	46	106	209	455	942	1,292	680	-
White	4,928	6	1	5	18	60	127	260	661	1,358	1,649	783	-
Male	1,487	2	-	1	7	30	62	98	267	485	402	133	-
Female	3,441	4	1	4	11	30	65	162	394	873	1,247	650	-
Black	370	-	-	1	8	18	61	53	70	77	48	34	-
Male	119	-	-	1	3	7	25	13	26	19	17	8	-
Female	251	-	-	-	5	11	36	40	44	58	31	26	-
Not stated [2]	37	-	-	-	-	1	6	1	8	6	12	3	-
Male	17	-	-	-	-	1	2	1	5	3	5	-	-
Female	20	-	-	-	-	-	4	-	3	3	7	3	-
Hypertensive heart disease (402)	18,991	-	-	2	14	126	521	1,204	2,456	4,270	5,580	4,813	5
Male	7,927	-	-	-	11	87	361	753	1,493	2,184	2,042	993	3
Female	11,064	-	-	2	3	39	160	451	963	2,086	3,538	3,820	2
Hispanic	601	-	-	-	2	8	25	51	108	147	165	95	-
Male	296	-	-	-	2	7	18	31	63	73	69	33	-
Female	305	-	-	-	-	1	7	20	45	74	96	62	-
Mexican	326	-	-	-	1	5	16	24	60	75	87	58	-
Male	152	-	-	-	1	5	11	12	30	38	36	19	-
Female	174	-	-	-	-	-	5	12	30	37	51	39	-
Puerto Rican	36	-	-	-	1	-	-	6	4	8	13	4	-
Male	26	-	-	-	1	-	-	5	2	7	8	3	-
Female	10	-	-	-	-	-	-	1	2	1	5	1	-
Cuban	105	-	-	-	-	2	4	10	22	27	29	11	-
Male	54	-	-	-	-	1	3	8	13	13	14	2	-
Female	51	-	-	-	-	1	1	2	9	14	15	9	-
Central and South American	36	-	-	-	-	-	3	6	6	11	7	3	-
Male	19	-	-	-	-	-	3	4	6	3	2	1	-
Female	17	-	-	-	-	-	-	2	-	8	5	2	-
Other and unknown Hispanic	98	-	-	-	-	1	2	5	16	26	29	19	-
Male	45	-	-	-	-	1	1	2	12	12	9	8	-
Female	53	-	-	-	-	-	1	3	4	14	20	11	-
Non-Hispanic [1]	18,290	-	-	2	12	117	491	1,146	2,334	4,097	5,392	4,695	4
Male	7,580	-	-	-	9	79	340	716	1,420	2,094	1,965	955	2
Female	10,710	-	-	2	3	38	151	430	914	2,003	3,427	3,740	2
White	13,371	-	-	2	2	44	216	551	1,386	2,793	4,302	4,074	1
Male	5,297	-	-	-	2	35	171	378	898	1,480	1,539	794	-
Female	8,074	-	-	2	-	9	45	173	488	1,313	2,763	3,280	1
Black	4,679	-	-	-	10	72	268	579	915	1,242	1,018	572	3
Male	2,162	-	-	-	7	43	164	326	503	583	387	147	2
Female	2,517	-	-	-	3	29	104	253	412	659	631	425	1
Not stated [2]	100	-	-	-	-	1	5	7	14	26	23	23	1
Male	51	-	-	-	-	1	3	6	10	17	8	5	1
Female	49	-	-	-	-	-	2	1	4	9	15	18	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Diseases of heart-Con.													
Hypertensive heart and renal disease (404)	2,209	1	–	–	5	20	48	76	188	465	765	641	–
Male	883	–	–	–	2	8	31	47	92	217	292	194	–
Female	1,326	1	–	–	3	12	17	29	96	248	473	447	–
Hispanic	63	–	–	–	–	1	2	2	8	16	16	18	–
Male	21	–	–	–	–	1	2	–	5	5	5	3	–
Female	42	–	–	–	–	–	–	2	3	11	11	15	–
Mexican	38	–	–	–	–	–	1	2	1	13	10	11	–
Male	9	–	–	–	–	–	1	–	–	4	2	2	–
Female	29	–	–	–	–	–	–	2	1	9	8	9	–
Puerto Rican	7	–	–	–	–	1	–	–	3	–	1	2	–
Male	3	–	–	–	–	1	–	–	1	–	1	–	–
Female	4	–	–	–	–	–	–	–	2	–	–	2	–
Cuban	4	–	–	–	–	–	–	–	3	–	–	1	–
Male	3	–	–	–	–	–	–	–	3	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	–	1	–
Central and South American	2	–	–	–	–	–	–	–	1	1	–	–	–
Male	2	–	–	–	–	–	–	–	1	1	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Other and unknown Hispanic	12	–	–	–	–	–	1	–	–	2	5	4	–
Male	4	–	–	–	–	–	1	–	–	–	2	1	–
Female	8	–	–	–	–	–	–	–	–	2	3	3	–
Non-Hispanic [1]	2,132	1	–	–	5	19	46	73	180	444	746	618	–
Male	856	–	–	–	2	7	29	46	87	209	286	190	–
Female	1,276	1	–	–	3	12	17	27	93	235	460	428	–
White	1,484	1	–	–	2	5	9	20	83	289	567	508	–
Male	585	–	–	–	1	2	6	16	38	147	213	162	–
Female	899	1	–	–	1	3	3	4	45	142	354	346	–
Black	630	–	–	–	3	14	37	53	96	150	168	109	–
Male	263	–	–	–	1	5	23	30	48	60	69	27	–
Female	367	–	–	–	2	9	14	23	48	90	99	82	–
Not stated [2]	14	–	–	–	–	–	–	1	–	5	3	5	–
Male	6	–	–	–	–	–	–	1	–	3	1	1	–
Female	8	–	–	–	–	–	–	–	–	2	2	4	–
Ischemic heart disease (410-414)	444,453	22	7	18	99	966	5,930	17,689	47,760	103,512	145,862	122,551	37
Male	231,040	12	2	9	69	747	4,851	13,839	34,180	65,361	72,867	39,083	20
Female	213,413	10	5	9	30	219	1,079	3,850	13,580	38,151	72,995	83,468	17
Hispanic	11,047	2	–	–	7	38	209	635	1,620	2,680	3,294	2,561	1
Male	6,041	1	–	–	4	31	180	470	1,142	1,588	1,662	963	–
Female	5,006	1	–	–	3	7	29	165	478	1,092	1,632	1,598	1
Mexican	6,172	2	–	–	6	24	122	394	975	1,573	1,726	1,349	1
Male	3,461	1	–	–	3	19	104	290	680	938	892	534	–
Female	2,711	1	–	–	3	5	18	104	295	635	834	815	1
Puerto Rican	800	–	–	–	–	2	24	56	143	209	236	130	–
Male	415	–	–	–	–	2	20	37	95	106	113	42	–
Female	385	–	–	–	–	–	4	19	48	103	123	88	–
Cuban	1,773	–	–	–	–	2	14	52	190	383	658	474	–
Male	930	–	–	–	–	2	10	42	150	245	323	158	–
Female	843	–	–	–	–	–	4	10	40	138	335	316	–
Central and South American	453	–	–	–	–	6	14	40	66	97	128	102	–
Male	215	–	–	–	–	5	13	26	41	47	54	29	–
Female	238	–	–	–	–	1	1	14	25	50	74	73	–
Other and unknown Hispanic	1,849	–	–	–	1	4	35	93	246	418	546	506	–
Male	1,020	–	–	–	1	3	33	75	176	252	280	200	–
Female	829	–	–	–	–	1	2	18	70	166	266	306	–
Non-Hispanic [1]	430,955	20	6	18	91	918	5,672	16,917	45,813	100,201	141,819	119,453	27
Male	223,634	11	1	9	64	708	4,627	13,254	32,792	63,388	70,812	37,955	13
Female	207,321	9	5	9	27	210	1,045	3,663	13,021	36,813	71,007	81,498	14
White	392,866	14	4	13	63	708	4,620	14,216	39,850	90,109	131,008	112,247	14
Male	204,458	8	1	8	45	553	3,871	11,435	29,189	57,918	65,925	35,498	7
Female	188,408	6	3	5	18	155	749	2,781	10,661	32,191	65,083	76,749	7
Black	33,990	5	2	4	28	191	947	2,438	5,377	9,030	9,605	6,351	12
Male	16,767	3	–	1	19	138	670	1,606	3,208	4,837	4,205	2,074	6
Female	17,223	2	2	3	9	53	277	832	2,169	4,193	5,400	4,277	6
Not stated [2]	2,451	–	1	–	1	10	49	137	327	631	749	537	9
Male	1,365	–	1	–	1	8	44	115	246	385	393	165	7
Female	1,086	–	–	–	–	2	5	22	81	246	356	372	2

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Ischemic heart disease-Con.													
Acute myocardial infarction (410)	219,388	13	4	9	64	546	3,440	10,713	27,948	56,967	73,015	46,655	14
Male	119,416	7	1	4	41	415	2,790	8,411	19,847	35,400	36,593	15,900	7
Female	99,972	6	3	5	23	131	650	2,302	8,101	21,567	36,422	30,755	7
Hispanic	5,344	1	-	-	4	17	116	358	935	1,422	1,579	911	1
Male	3,049	1	-	-	3	15	99	270	654	848	806	353	-
Female	2,295	-	-	-	1	2	17	88	281	574	773	558	1
Mexican	3,119	1	-	-	3	11	77	234	569	855	850	518	1
Male	1,803	1	-	-	2	10	65	172	397	519	493	204	-
Female	1,316	-	-	-	1	1	12	62	172	336	417	314	1
Puerto Rican	409	-	-	-	-	2	12	28	90	111	114	52	-
Male	222	-	-	-	-	2	9	18	60	58	56	19	-
Female	187	-	-	-	-	-	3	10	30	53	58	33	-
Cuban	720	-	-	-	-	-	3	23	102	186	275	131	-
Male	401	-	-	-	-	-	2	20	76	118	140	45	-
Female	319	-	-	-	-	-	1	3	26	68	135	86	-
Central and South American	206	-	-	-	-	1	4	16	40	39	68	38	-
Male	95	-	-	-	-	1	3	13	22	15	31	10	-
Female	111	-	-	-	-	-	1	3	18	24	37	28	-
Other and unknown Hispanic	890	-	-	-	1	3	20	57	134	231	272	172	-
Male	528	-	-	-	1	2	20	47	99	138	146	75	-
Female	362	-	-	-	-	1	-	10	35	93	126	97	-
Non-Hispanic [1]	212,811	12	4	9	59	526	3,298	10,276	26,838	55,217	71,027	45,535	10
Male	115,675	6	1	4	37	397	2,667	8,078	19,061	34,365	35,577	15,477	5
Female	97,136	6	3	5	22	129	631	2,198	7,777	20,852	35,450	30,058	5
White	193,207	9	3	8	43	408	2,715	8,744	23,482	49,700	65,562	42,528	5
Male	105,623	4	1	4	28	314	2,254	7,033	17,065	31,438	33,076	14,401	3
Female	87,584	5	2	4	15	94	461	1,711	6,417	18,262	32,484	28,127	2
Black	17,578	2	1	-	16	112	518	1,369	3,023	4,969	4,881	2,682	5
Male	8,854	2	-	-	9	79	363	911	1,770	2,611	2,169	938	2
Female	8,724	-	1	-	7	33	155	458	1,253	2,358	2,712	1,744	3
Not stated [2]	1,233	-	-	-	1	3	26	79	175	328	409	209	3
Male	692	-	-	-	1	3	24	63	132	187	210	70	2
Female	541	-	-	-	-	-	2	16	43	141	199	139	1
Other acute and subacute forms of ischemic heart disease (411)	2,542	-	-	-	2	18	78	230	432	652	646	484	-
Male	1,522	-	-	-	2	13	67	187	315	449	329	160	-
Female	1,020	-	-	-	-	5	11	43	117	203	317	324	-
Hispanic	51	-	-	-	-	1	5	10	8	6	11	10	-
Male	31	-	-	-	-	1	4	9	4	5	6	2	-
Female	20	-	-	-	-	-	1	1	4	1	5	8	-
Mexican	30	-	-	-	-	1	-	7	6	5	6	5	-
Male	19	-	-	-	-	1	-	6	3	4	5	-	-
Female	11	-	-	-	-	-	-	1	3	1	1	5	-
Puerto Rican	7	-	-	-	-	-	3	1	-	-	1	2	-
Male	3	-	-	-	-	-	2	1	-	-	-	-	-
Female	4	-	-	-	-	-	1	-	-	-	1	2	-
Cuban	6	-	-	-	-	-	-	1	-	-	3	2	-
Male	4	-	-	-	-	-	-	1	-	-	1	2	-
Female	2	-	-	-	-	-	-	-	-	-	2	-	-
Central and South American	3	-	-	-	-	-	1	1	-	-	1	-	-
Male	2	-	-	-	-	-	1	1	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Other and unknown Hispanic	5	-	-	-	-	-	1	-	2	1	-	1	-
Male	3	-	-	-	-	-	1	-	1	1	-	-	-
Female	2	-	-	-	-	-	-	-	1	-	-	1	-
Non-Hispanic [1]	2,442	-	-	-	2	16	72	210	410	634	627	471	-
Male	1,457	-	-	-	2	11	62	170	301	435	318	158	-
Female	985	-	-	-	-	5	10	40	109	199	309	313	-
White	2,025	-	-	-	1	12	52	162	327	524	536	411	-
Male	1,218	-	-	-	1	8	47	133	244	372	276	137	-
Female	807	-	-	-	-	4	5	29	83	152	260	274	-
Black	398	-	-	-	1	4	18	48	80	104	86	57	-
Male	226	-	-	-	1	3	13	37	54	60	38	20	-
Female	172	-	-	-	-	1	5	11	26	44	48	37	-
Not stated [2]	49	-	-	-	-	1	1	10	14	12	8	3	-
Male	34	-	-	-	-	1	1	8	10	9	5	-	-
Female	15	-	-	-	-	-	-	2	4	3	3	3	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Ischemic heart disease-Con.													
Angina pectoris (413)	966	–	–	1	–	4	15	19	64	211	322	330	–
Male	395	–	–	–	–	2	11	12	43	125	119	83	–
Female	571	–	–	1	–	2	4	7	21	86	203	247	–
Hispanic	22	–	–	–	–	–	–	–	1	4	7	10	–
Male	8	–	–	–	–	–	–	–	1	3	2	2	–
Female	14	–	–	–	–	–	–	–	–	1	5	8	–
Mexican	10	–	–	–	–	–	–	–	–	1	5	4	–
Male	5	–	–	–	–	–	–	–	–	1	2	2	–
Female	5	–	–	–	–	–	–	–	–	–	3	2	–
Puerto Rican	2	–	–	–	–	–	–	–	–	1	–	1	–
Male	1	–	–	–	–	–	–	–	–	1	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	–	1	–
Cuban	4	–	–	–	–	–	–	–	–	1	2	1	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	4	–	–	–	–	–	–	–	–	1	2	1	–
Central and South American	1	–	–	–	–	–	–	–	–	–	–	1	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	–	1	–
Other and unknown Hispanic	5	–	–	–	–	–	–	–	1	1	–	3	–
Male	2	–	–	–	–	–	–	–	1	1	–	–	–
Female	3	–	–	–	–	–	–	–	–	–	–	3	–
Non-Hispanic [1]	934	–	–	1	–	4	14	19	62	205	313	316	–
Male	384	–	–	–	–	2	11	12	41	121	117	80	–
Female	550	–	–	1	–	2	3	7	21	84	196	236	–
White	843	–	–	–	–	2	11	15	47	179	288	301	–
Male	341	–	–	–	–	1	10	11	30	107	109	73	–
Female	502	–	–	–	–	1	1	4	17	72	179	228	–
Black	85	–	–	1	–	2	3	4	13	24	25	13	–
Male	39	–	–	–	–	1	1	1	9	14	8	5	–
Female	46	–	–	1	–	1	2	3	4	10	17	8	–
Not stated [2]	10	–	–	–	–	–	1	–	1	2	2	4	–
Male	3	–	–	–	–	–	–	–	1	1	–	1	–
Female	7	–	–	–	–	–	1	–	–	1	2	3	–
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	221,557	9	3	8	33	398	2,397	6,727	19,316	45,682	71,879	75,082	23
Male	109,707	5	1	5	26	317	1,983	5,229	13,975	29,387	35,826	22,940	13
Female	111,850	4	2	3	7	81	414	1,498	5,341	16,295	36,053	52,142	10
Hispanic	5,630	1	–	–	3	20	88	267	676	1,248	1,697	1,630	–
Male	2,953	–	–	–	1	15	77	191	483	732	848	606	–
Female	2,677	1	–	–	2	5	11	76	193	516	849	1,024	–
Mexican	3,013	1	–	–	3	12	45	153	400	712	865	822	–
Male	1,634	–	–	–	1	8	39	112	280	414	452	328	–
Female	1,379	1	–	–	2	4	6	41	120	298	413	494	–
Puerto Rican	382	–	–	–	–	–	9	27	53	97	121	75	–
Male	189	–	–	–	–	–	9	18	35	47	57	23	–
Female	193	–	–	–	–	–	–	9	18	50	64	52	–
Cuban	1,043	–	–	–	–	2	11	28	88	196	378	340	–
Male	525	–	–	–	–	2	8	21	74	127	182	111	–
Female	518	–	–	–	–	–	3	7	14	69	196	229	–
Central and South American	243	–	–	–	–	5	9	23	26	58	59	63	–
Male	118	–	–	–	–	4	9	12	19	32	23	19	–
Female	125	–	–	–	–	1	–	11	7	26	36	44	–
Other and unknown Hispanic	949	–	–	–	–	1	14	36	109	185	274	330	–
Male	487	–	–	–	–	1	12	28	75	112	134	125	–
Female	462	–	–	–	–	–	2	8	34	73	140	205	–
Non-Hispanic [1]	214,768	8	2	8	30	372	2,288	6,412	18,503	44,145	69,852	73,131	17
Male	106,118	5	–	5	25	298	1,887	4,994	13,389	28,467	34,800	22,240	8
Female	108,650	3	2	3	5	74	401	1,418	5,114	15,678	35,052	50,891	9
White	196,791	5	1	5	19	286	1,842	5,295	15,994	39,706	64,622	69,007	9
Male	97,276	4	–	4	16	230	1,560	4,258	11,850	26,001	32,462	20,887	4
Female	99,515	1	1	1	3	56	282	1,037	4,144	13,705	32,160	48,120	5
Black	15,929	3	1	3	11	73	406	1,017	2,261	3,933	4,613	3,599	7
Male	7,648	1	–	1	9	55	293	657	1,375	2,152	1,990	1,111	4
Female	8,281	2	1	2	2	18	115	360	886	1,781	2,623	2,488	3
Not stated [2]	1,159	–	1	–	–	6	21	48	137	289	330	321	6
Male	636	–	1	–	–	4	19	44	103	188	178	94	5
Female	523	–	–	–	–	2	2	4	34	101	152	227	1

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Diseases of heart-Con.													
Other diseases of endocardium (424)	12,198	16	6	13	32	109	201	361	896	2,255	4,324	3,983	2
Male	5,174	7	3	6	22	69	126	234	534	1,208	1,827	1,138	-
Female	7,024	9	3	7	10	40	75	127	362	1,047	2,497	2,845	2
Hispanic	269	3	1	-	6	5	13	27	40	58	57	59	-
Male	125	-	-	-	6	5	8	19	18	27	21	21	-
Female	144	3	1	-	-	-	5	8	22	31	36	38	-
Mexican	131	2	1	-	4	3	6	12	23	31	23	26	-
Male	61	-	-	-	4	3	5	9	15	11	9	5	-
Female	70	2	1	-	-	-	1	3	8	20	14	21	-
Puerto Rican	18	-	-	-	-	1	1	2	3	4	5	2	-
Male	9	-	-	-	-	1	1	2	-	2	2	1	-
Female	9	-	-	-	-	-	-	-	3	2	3	1	-
Cuban	50	-	-	-	-	-	1	5	6	8	12	18	-
Male	24	-	-	-	-	-	-	4	2	7	3	8	-
Female	26	-	-	-	-	-	1	1	4	1	9	10	-
Central and South American	17	-	-	-	1	-	1	2	3	3	5	2	-
Male	6	-	-	-	1	-	-	2	-	2	1	-	-
Female	11	-	-	-	-	-	1	-	3	1	4	2	-
Other and unknown Hispanic	53	1	-	-	1	1	4	6	5	12	12	11	-
Male	25	-	-	-	1	1	2	2	1	5	6	7	-
Female	28	1	-	-	-	-	2	4	4	7	6	4	-
Non-Hispanic [1]	11,866	13	5	13	26	102	186	331	852	2,182	4,240	3,914	2
Male	5,016	7	3	6	16	63	116	213	512	1,173	1,792	1,115	-
Female	6,850	6	2	7	10	39	70	118	340	1,009	2,448	2,799	2
White	10,927	11	5	8	19	70	121	253	743	1,986	3,977	3,732	2
Male	4,594	5	3	3	10	42	77	164	466	1,075	1,686	1,063	-
Female	6,333	6	2	5	9	28	44	89	277	911	2,291	2,669	2
Black	821	2	-	5	7	30	64	72	91	175	222	153	-
Male	362	2	-	3	6	20	38	44	41	85	84	39	-
Female	459	-	-	2	1	10	26	28	50	90	138	114	-
Not stated [2]	63	-	-	-	-	2	2	3	4	15	27	10	-
Male	33	-	-	-	-	1	2	2	4	8	14	2	-
Female	30	-	-	-	-	1	-	1	-	7	13	8	-
All other forms of heart disease (415-423,425-429)	172,951	665	234	244	667	1,634	3,760	7,751	18,503	35,775	51,447	52,216	55
Male	83,563	378	117	137	429	1,032	2,641	5,415	12,255	21,449	24,299	15,377	34
Female	89,388	287	117	107	238	602	1,119	2,336	6,248	14,326	27,148	36,839	21
Hispanic	4,725	74	21	20	52	118	179	361	746	967	1,130	1,052	5
Male	2,685	47	10	9	34	85	132	266	513	599	593	393	4
Female	2,040	27	11	11	18	33	47	95	233	368	537	659	1
Mexican	2,758	55	13	12	34	75	104	207	450	572	649	584	3
Male	1,566	35	5	6	23	58	75	148	301	351	342	220	2
Female	1,192	20	8	6	11	17	29	59	149	221	307	364	1
Puerto Rican	332	8	3	3	3	9	17	43	58	72	65	50	1
Male	192	7	1	-	1	6	11	32	40	46	31	16	1
Female	140	1	2	3	2	3	6	11	18	26	34	34	-
Cuban	476	1	1	1	1	7	11	25	74	83	143	129	-
Male	257	-	1	-	1	4	10	20	56	51	72	42	-
Female	219	1	-	1	-	3	1	5	18	32	71	87	-
Central and South American	225	6	2	2	4	12	18	26	44	37	41	33	-
Male	128	2	2	1	3	9	14	18	27	21	20	11	-
Female	97	4	-	1	1	3	4	8	17	16	21	22	-
Other and unknown Hispanic	934	4	2	2	10	15	29	60	120	203	232	256	1
Male	542	3	1	2	6	8	22	48	89	130	128	104	1
Female	392	1	1	-	4	7	7	12	31	73	104	152	-
Non-Hispanic [1]	166,905	583	209	221	614	1,502	3,549	7,311	17,546	34,532	49,944	50,860	34
Male	80,134	327	105	127	394	935	2,487	5,083	11,589	20,670	23,512	14,883	22
Female	86,771	256	104	94	220	567	1,062	2,228	5,957	13,862	26,432	35,977	12
White	141,327	346	126	163	391	919	2,291	5,215	13,426	28,491	43,555	46,385	19
Male	66,921	195	61	100	260	587	1,646	3,724	9,054	17,340	20,571	13,371	12
Female	74,406	151	65	63	131	332	645	1,491	4,372	11,151	22,984	33,014	7
Black	23,505	204	75	49	204	544	1,154	1,948	3,829	5,589	5,854	4,041	14
Male	12,008	115	41	24	119	318	763	1,253	2,341	3,049	2,647	1,329	9
Female	11,497	89	34	25	85	226	391	695	1,488	2,540	3,207	2,712	5
Not stated [2]	1,321	8	4	3	1	14	32	79	211	276	373	304	16
Male	744	4	2	1	1	12	22	66	153	180	194	101	8
Female	577	4	2	2	-	2	10	13	58	96	179	203	8

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Major cardiovascular diseases-Con.													
Hypertension with or without renal disease (401,403)	8,372	3	1	2	8	42	167	353	783	1,804	2,773	2,434	2
Male	3,533	2	–	1	4	30	112	214	436	887	1,102	744	1
Female	4,839	1	1	1	4	12	55	139	347	917	1,671	1,690	1
Hispanic	263	–	–	–	–	4	8	9	31	64	79	68	–
Male	127	–	–	–	–	3	5	8	13	39	34	25	–
Female	136	–	–	–	–	1	3	1	18	25	45	43	–
Mexican	164	–	–	–	–	2	5	6	20	38	50	43	–
Male	84	–	–	–	–	2	3	5	9	24	23	18	–
Female	80	–	–	–	–	–	2	1	11	14	27	25	–
Puerto Rican	15	–	–	–	–	–	1	–	2	6	5	1	–
Male	8	–	–	–	–	–	1	–	1	3	2	1	–
Female	7	–	–	–	–	–	–	–	1	3	3	–	–
Cuban	35	–	–	–	–	–	–	2	4	11	10	8	–
Male	14	–	–	–	–	–	–	2	1	6	2	3	–
Female	21	–	–	–	–	–	–	–	3	5	8	5	–
Central and South American	15	–	–	–	–	2	1	–	1	2	7	2	–
Male	6	–	–	–	–	1	–	–	–	1	4	–	–
Female	9	–	–	–	–	1	1	–	1	1	3	2	–
Other and unknown Hispanic	34	–	–	–	–	–	1	1	4	7	7	14	–
Male	15	–	–	–	–	–	1	1	2	5	3	3	–
Female	19	–	–	–	–	–	–	–	2	2	4	11	–
Non-Hispanic [1]	8,050	3	1	2	8	37	159	340	741	1,722	2,681	2,355	1
Male	3,379	2	–	1	4	26	107	205	418	838	1,064	713	1
Female	4,671	1	1	1	4	11	52	135	323	884	1,617	1,642	–
White	6,161	1	–	2	1	11	57	155	458	1,251	2,172	2,052	1
Male	2,540	1	–	1	–	9	39	105	276	624	870	614	1
Female	3,621	–	–	1	1	2	18	50	182	627	1,302	1,438	–
Black	1,804	1	1	–	7	24	96	181	268	453	488	285	–
Male	794	1	–	–	4	16	62	98	131	209	181	92	–
Female	1,010	–	1	–	3	8	34	83	137	244	307	193	–
Not stated [2]	59	–	–	–	–	1	–	4	11	18	13	11	1
Male	27	–	–	–	–	1	–	1	5	10	4	6	–
Female	32	–	–	–	–	–	–	3	6	8	9	5	1
Cerebrovascular diseases (430-438)	134,435	138	42	70	221	857	2,200	4,234	9,301	24,277	46,729	46,354	12
Male	52,914	84	20	33	123	426	1,147	2,251	4,970	12,319	19,415	12,119	7
Female	81,521	54	22	37	98	431	1,053	1,983	4,331	11,958	27,314	34,235	5
Hispanic	3,655	10	6	11	31	93	166	253	463	732	1,033	857	–
Male	1,632	4	2	6	20	49	96	142	244	364	434	271	–
Female	2,023	6	4	5	11	44	70	111	219	368	599	586	–
Mexican	2,170	8	5	9	23	60	96	144	289	460	592	484	–
Male	976	4	2	4	15	33	55	79	149	231	255	149	–
Female	1,194	4	3	5	8	27	41	65	140	229	337	335	–
Puerto Rican	274	–	1	–	1	11	21	20	42	53	82	43	–
Male	144	–	–	–	–	6	10	14	24	29	40	21	–
Female	130	–	1	–	1	5	11	6	18	24	42	22	–
Cuban	327	–	–	–	–	3	7	15	39	53	122	88	–
Male	148	–	–	–	–	1	6	12	25	28	50	26	–
Female	179	–	–	–	–	2	1	3	14	25	72	62	–
Central and South American	220	1	–	1	3	11	20	27	28	34	52	43	–
Male	84	–	–	1	3	6	10	11	17	13	12	11	–
Female	136	1	–	–	–	5	10	16	11	21	40	32	–
Other and unknown Hispanic	664	1	–	1	4	8	22	47	65	132	185	199	–
Male	280	–	–	1	2	3	15	26	29	63	77	64	–
Female	384	1	–	–	2	5	7	21	36	69	108	135	–
Non-Hispanic [1]	129,961	126	36	59	189	757	2,009	3,947	8,760	23,381	45,410	45,276	11
Male	50,921	79	18	27	103	372	1,036	2,090	4,682	11,865	18,856	11,787	6
Female	79,040	47	18	32	86	385	973	1,857	4,078	11,516	26,554	33,489	5
White	112,810	75	25	43	134	492	1,212	2,615	6,510	19,339	40,427	41,935	3
Male	43,331	44	10	21	76	253	632	1,364	3,493	9,883	16,774	10,781	–
Female	69,479	31	15	22	58	239	580	1,251	3,017	9,456	23,653	31,154	3
Black	15,224	46	9	14	48	237	741	1,192	2,016	3,579	4,416	2,919	7
Male	6,685	31	8	5	23	105	377	669	1,075	1,746	1,792	849	5
Female	8,539	15	1	9	25	132	364	523	941	1,833	2,624	2,070	2
Not stated [2]	819	2	–	–	1	7	25	34	78	164	286	221	1
Male	361	1	–	–	–	5	15	19	44	90	125	61	1
Female	458	1	–	–	1	2	10	15	34	74	161	160	–

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Cerebrovascular diseases-Con.													
Intracerebral and other intracranial hemorrhage (431-432)	19,067	56	11	19	78	291	827	1,533	2,599	4,619	5,962	3,068	4
Male	8,548	35	5	11	42	165	497	889	1,395	2,258	2,397	851	3
Female	10,519	21	6	8	36	126	330	644	1,204	2,361	3,565	2,217	1
Hispanic	761	5	2	3	11	32	67	103	142	170	151	75	-
Male	385	1	1	3	7	19	44	66	86	75	57	26	-
Female	376	4	1	-	4	13	23	37	56	95	94	49	-
Mexican	449	3	2	2	8	20	38	57	90	109	83	37	-
Male	220	1	1	2	5	11	24	38	50	46	26	16	-
Female	229	2	1	-	3	9	14	19	40	63	57	21	-
Puerto Rican	57	-	-	-	1	5	7	7	11	6	18	2	-
Male	37	-	-	-	-	3	5	5	10	3	11	-	-
Female	20	-	-	-	1	2	2	2	1	3	7	2	-
Cuban	56	-	-	-	-	-	1	8	12	12	13	10	-
Male	34	-	-	-	-	-	1	6	10	6	7	4	-
Female	22	-	-	-	-	-	-	2	2	6	6	6	-
Central and South American	63	1	-	-	1	5	12	10	13	6	10	5	-
Male	29	-	-	-	1	4	8	4	8	1	2	1	-
Female	34	1	-	-	-	1	4	6	5	5	8	4	-
Other and unknown Hispanic	136	1	-	1	1	2	9	21	16	37	27	21	-
Male	65	-	-	1	1	1	6	13	8	19	11	5	-
Female	71	1	-	-	-	1	3	8	8	18	16	16	-
Non-Hispanic [1]	18,173	50	9	16	67	254	749	1,418	2,434	4,423	5,773	2,976	4
Male	8,104	33	4	8	35	143	448	816	1,297	2,167	2,328	822	3
Female	10,069	17	5	8	32	111	301	602	1,137	2,256	3,445	2,154	1
White	14,881	25	6	11	45	149	380	829	1,775	3,719	5,185	2,757	-
Male	6,397	14	3	6	27	82	216	479	945	1,811	2,064	750	-
Female	8,484	11	3	5	18	67	164	350	830	1,908	3,121	2,007	-
Black	2,780	23	1	4	19	92	346	522	570	556	464	179	4
Male	1,430	18	1	1	7	52	219	304	305	272	196	52	3
Female	1,350	5	-	3	12	40	127	218	265	284	268	127	1
Not stated [2]	133	1	-	-	-	5	11	12	23	26	38	17	-
Male	59	1	-	-	-	3	5	7	12	16	12	3	-
Female	74	-	-	-	-	2	6	5	11	10	26	14	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	17,232	15	6	11	20	45	150	343	1,022	2,967	6,109	6,543	1
Male	6,663	9	3	4	11	27	80	203	602	1,555	2,519	1,650	-
Female	10,569	6	3	7	9	18	70	140	420	1,412	3,590	4,893	1
Hispanic	406	-	-	2	1	3	6	17	46	84	136	111	-
Male	174	-	-	-	1	2	5	10	22	43	58	33	-
Female	232	-	-	2	-	1	1	7	24	41	78	78	-
Mexican	255	-	-	2	1	3	4	9	35	55	75	71	-
Male	119	-	-	-	1	2	4	6	18	28	39	21	-
Female	136	-	-	2	-	1	-	3	17	27	36	50	-
Puerto Rican	27	-	-	-	-	-	2	2	5	3	9	6	-
Male	12	-	-	-	-	-	1	1	3	2	3	2	-
Female	15	-	-	-	-	-	1	1	2	1	6	4	-
Cuban	40	-	-	-	-	-	-	2	2	6	20	10	-
Male	16	-	-	-	-	-	-	2	-	5	7	2	-
Female	24	-	-	-	-	-	-	-	2	1	13	8	-
Central and South American	24	-	-	-	-	-	-	1	1	5	10	7	-
Male	7	-	-	-	-	-	-	-	1	3	2	1	-
Female	17	-	-	-	-	-	-	1	-	2	8	6	-
Other and unknown Hispanic	60	-	-	-	-	-	-	3	3	15	22	17	-
Male	20	-	-	-	-	-	-	1	-	5	7	7	-
Female	40	-	-	-	-	-	-	2	3	10	15	10	-
Non-Hispanic [1]	16,729	14	6	9	19	42	143	322	968	2,867	5,939	6,399	1
Male	6,452	9	3	4	10	25	75	190	575	1,501	2,447	1,613	-
Female	10,277	5	3	5	9	17	68	132	393	1,366	3,492	4,786	1
White	14,769	10	5	7	12	31	91	209	730	2,395	5,318	5,960	1
Male	5,599	6	2	3	7	20	53	123	438	1,263	2,197	1,487	-
Female	9,170	4	3	4	5	11	38	86	292	1,132	3,121	4,473	1
Black	1,770	3	1	2	6	9	49	102	211	430	564	393	-
Male	764	2	1	1	2	4	21	61	121	221	225	105	-
Female	1,006	1	-	1	4	5	28	41	90	209	339	288	-
Not stated [2]	97	1	-	-	-	-	1	4	8	16	34	33	-
Male	37	-	-	-	-	-	-	3	5	11	14	4	-
Female	60	1	-	-	-	-	1	1	3	5	20	29	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Cerebrovascular diseases-Con.													
Cerebral embolism (434.1)	621	-	-	-	-	5	4	18	41	134	253	166	-
Male	250	-	-	-	-	2	4	5	23	64	108	44	-
Female	371	-	-	-	-	3	-	13	18	70	145	122	-
Hispanic	18	-	-	-	-	1	-	1	1	3	7	5	-
Male	9	-	-	-	-	1	-	-	1	3	4	-	-
Female	9	-	-	-	-	-	-	1	-	-	3	5	-
Mexican	10	-	-	-	-	1	-	-	-	2	2	5	-
Male	5	-	-	-	-	1	-	-	-	2	2	-	-
Female	5	-	-	-	-	-	-	-	-	-	-	5	-
Puerto Rican	2	-	-	-	-	-	-	-	-	1	1	-	-
Male	1	-	-	-	-	-	-	-	-	1	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Cuban	2	-	-	-	-	-	-	-	1	-	1	-	-
Male	1	-	-	-	-	-	-	-	1	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Central and South American	3	-	-	-	-	-	-	1	-	-	2	-	-
Male	2	-	-	-	-	-	-	-	-	-	2	-	-
Female	1	-	-	-	-	-	-	1	-	-	-	-	-
Other and unknown Hispanic	1	-	-	-	-	-	-	-	-	-	1	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Non-Hispanic [1]	601	-	-	-	-	4	4	17	40	131	245	160	-
Male	239	-	-	-	-	1	4	5	22	61	103	43	-
Female	362	-	-	-	-	3	-	12	18	70	142	117	-
White	559	-	-	-	-	2	3	13	33	120	234	154	-
Male	219	-	-	-	-	1	3	5	18	55	97	40	-
Female	340	-	-	-	-	1	-	8	15	65	137	114	-
Black	35	-	-	-	-	2	1	2	6	8	10	6	-
Male	18	-	-	-	-	-	1	-	4	4	6	3	-
Female	17	-	-	-	-	2	-	2	2	4	4	3	-
Not stated [2]	2	-	-	-	-	-	-	-	-	-	1	1	-
Male	2	-	-	-	-	-	-	-	-	-	1	1	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and late effects of cerebrovascular diseases (430,433,435-438)	97,515	67	25	40	123	516	1,219	2,340	5,639	16,557	34,405	36,577	7
Male	37,453	40	12	18	70	232	565	1,154	2,950	8,442	14,391	9,574	4
Female	60,062	27	13	22	53	284	653	1,186	2,689	8,115	20,014	27,003	3
Hispanic	2,470	5	4	6	19	57	93	132	274	475	739	666	-
Male	1,064	3	1	3	12	27	47	66	135	243	315	212	-
Female	1,406	2	3	3	7	30	46	66	139	232	424	454	-
Mexican	1,456	5	3	5	14	36	54	78	164	294	432	371	-
Male	632	3	1	2	9	19	27	35	81	155	188	112	-
Female	824	2	2	3	5	17	27	43	83	139	244	259	-
Puerto Rican	188	-	1	-	-	6	12	11	26	43	54	35	-
Male	94	-	-	-	-	3	4	8	11	23	26	19	-
Female	94	-	1	-	-	3	8	3	15	20	28	16	-
Cuban	229	-	-	-	-	3	6	5	24	35	88	68	-
Male	97	-	-	-	-	1	5	4	14	17	36	20	-
Female	132	-	-	-	-	2	1	1	10	18	52	48	-
Central and South American	130	-	-	1	2	6	8	15	14	23	30	31	-
Male	46	-	-	1	2	2	2	7	8	9	6	9	-
Female	84	-	-	-	-	4	6	8	6	14	24	22	-
Other and unknown Hispanic	467	-	-	-	3	6	13	23	46	80	135	161	-
Male	195	-	-	-	1	2	9	12	21	39	59	52	-
Female	272	-	-	-	2	4	4	11	25	41	76	109	-
Non-Hispanic [1]	94,458	62	21	34	103	457	1,113	2,190	5,318	15,960	33,453	35,741	6
Male	36,126	37	11	15	58	203	509	1,079	2,788	8,136	13,978	9,309	3
Female	58,332	25	10	19	45	254	604	1,111	2,530	7,824	19,475	26,432	3
White	82,601	40	14	25	77	310	738	1,564	3,972	13,105	29,690	33,064	2
Male	31,116	24	5	12	42	150	360	757	2,092	6,754	12,416	8,504	-
Female	51,485	16	9	13	35	160	378	807	1,880	6,351	17,274	24,560	2
Black	10,639	20	7	8	23	134	345	566	1,229	2,585	3,378	2,341	3
Male	4,473	11	6	3	14	49	136	304	645	1,249	1,365	689	2
Female	6,166	9	1	5	9	85	209	262	584	1,336	2,013	1,652	1
Not stated [2]	587	-	-	-	1	2	13	18	47	122	213	170	1
Male	263	-	-	-	-	2	10	9	27	63	98	53	1
Female	324	-	-	-	1	-	3	9	20	59	115	117	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Major cardiovascular diseases-Con.													
Atherosclerosis (440)	16,806	1	–	–	1	12	32	152	618	2,068	4,955	8,964	3
Male	6,390	1	–	–	1	9	20	102	401	1,174	2,212	2,467	3
Female	10,416	–	–	–	–	3	12	50	217	894	2,743	6,497	–
Hispanic	359	–	–	–	–	1	1	4	12	64	114	163	–
Male	156	–	–	–	–	–	–	3	9	29	47	68	–
Female	203	–	–	–	–	1	1	1	3	35	67	95	–
Mexican	197	–	–	–	–	–	–	3	8	30	60	96	–
Male	90	–	–	–	–	–	–	2	7	12	26	43	–
Female	107	–	–	–	–	–	–	1	1	18	34	53	–
Puerto Rican	20	–	–	–	–	–	–	–	1	5	7	7	–
Male	5	–	–	–	–	–	–	–	1	2	2	–	–
Female	15	–	–	–	–	–	–	–	–	3	5	7	–
Cuban	42	–	–	–	–	–	–	–	–	4	18	20	–
Male	15	–	–	–	–	–	–	–	–	1	6	8	–
Female	27	–	–	–	–	–	–	–	–	3	12	12	–
Central and South American	13	–	–	–	–	–	–	1	1	5	3	3	–
Male	3	–	–	–	–	–	–	1	–	1	1	–	–
Female	10	–	–	–	–	–	–	–	1	4	2	3	–
Other and unknown Hispanic	87	–	–	–	–	1	1	–	2	20	26	37	–
Male	43	–	–	–	–	–	–	–	1	13	12	17	–
Female	44	–	–	–	–	1	1	–	1	7	14	20	–
Non-Hispanic [1]	16,349	1	–	–	1	11	31	148	601	1,991	4,808	8,755	2
Male	6,189	1	–	–	1	9	20	99	389	1,135	2,147	2,386	2
Female	10,160	–	–	–	–	2	11	49	212	856	2,661	6,369	–
White	15,049	1	–	–	1	10	25	122	503	1,748	4,392	8,246	1
Male	5,645	1	–	–	1	9	16	82	344	1,013	1,966	2,212	1
Female	9,404	–	–	–	–	1	9	40	159	735	2,426	6,034	–
Black	1,195	–	–	–	–	1	6	23	96	227	380	461	1
Male	487	–	–	–	–	–	4	15	44	113	159	151	1
Female	708	–	–	–	–	1	2	8	52	114	221	310	–
Not stated [2]	98	–	–	–	–	–	–	–	5	13	33	46	1
Male	45	–	–	–	–	–	–	–	3	10	18	13	1
Female	53	–	–	–	–	–	–	–	2	3	15	33	–
Other diseases of arteries, arterioles, and capillaries (441-448)	23,003	13	7	16	60	169	346	718	2,410	6,655	7,992	4,617	–
Male	13,648	8	2	8	36	96	226	486	1,714	4,499	4,713	1,860	–
Female	9,355	5	5	8	24	73	120	232	696	2,156	3,279	2,757	–
Hispanic	456	1	1	3	10	10	14	28	84	102	137	66	–
Male	275	1	1	2	5	7	6	21	66	63	74	29	–
Female	181	–	–	1	5	3	8	7	18	39	63	37	–
Mexican	234	1	1	–	9	8	10	13	35	52	71	34	–
Male	137	1	1	–	5	6	3	8	26	32	42	13	–
Female	97	–	–	–	4	2	7	5	9	20	29	21	–
Puerto Rican	27	–	–	–	–	–	1	2	8	4	8	4	–
Male	21	–	–	–	–	–	1	2	8	1	6	3	–
Female	6	–	–	–	–	–	–	–	–	3	2	1	–
Cuban	70	–	–	–	–	–	2	4	16	15	21	12	–
Male	43	–	–	–	–	–	1	4	13	10	9	6	–
Female	27	–	–	–	–	–	1	–	3	5	12	6	–
Central and South American	33	–	–	1	–	1	1	6	7	7	8	2	–
Male	17	–	–	–	–	–	1	5	4	4	2	1	–
Female	16	–	–	1	–	1	–	1	3	3	6	1	–
Other and unknown Hispanic	92	–	–	2	1	1	–	3	18	24	29	14	–
Male	57	–	–	2	–	1	–	2	15	16	15	6	–
Female	35	–	–	–	1	–	–	1	3	8	14	8	–
Non-Hispanic [1]	22,379	11	6	13	50	159	330	683	2,303	6,501	7,802	4,521	–
Male	13,267	7	1	6	31	89	218	461	1,628	4,406	4,605	1,815	–
Female	9,112	4	5	7	19	70	112	222	675	2,095	3,197	2,706	–
White	20,335	9	3	8	33	121	229	525	2,020	5,965	7,250	4,172	–
Male	12,204	6	–	5	23	69	155	366	1,467	4,087	4,311	1,715	–
Female	8,131	3	3	3	10	52	74	159	553	1,878	2,939	2,457	–
Black	1,771	1	2	4	17	33	91	144	244	457	473	305	–
Male	897	–	–	1	8	17	57	86	139	264	241	84	–
Female	874	1	2	3	9	16	34	58	105	193	232	221	–
Not stated [2]	168	1	–	–	–	–	2	7	23	52	53	30	–
Male	106	–	–	–	–	–	2	4	20	30	34	16	–
Female	62	1	–	–	–	–	–	3	3	22	19	14	–

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Acute bronchitis and bronchiolitis (466)	602	72	17	5	4	5	17	10	45	84	147	196	-
Male	255	42	6	3	2	1	9	2	24	43	61	62	-
Female	347	30	11	2	2	4	8	8	21	41	86	134	-
Hispanic	20	4	2	1	-	-	1	-	-	2	5	5	-
Male	12	4	-	1	-	-	1	-	-	-	4	2	-
Female	8	-	2	-	-	-	-	-	-	2	1	3	-
Mexican	11	4	1	1	-	-	-	-	-	1	2	2	-
Male	8	4	-	1	-	-	-	-	-	-	2	1	-
Female	3	-	1	-	-	-	-	-	-	1	-	1	-
Puerto Rican	1	-	-	-	-	-	-	-	-	-	1	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Cuban	5	-	-	-	-	-	-	-	-	1	1	3	-
Male	2	-	-	-	-	-	-	-	-	-	1	1	-
Female	3	-	-	-	-	-	-	-	-	1	-	2	-
Central and South American	1	-	-	-	-	-	-	-	-	-	1	-	-
Male	1	-	-	-	-	-	-	-	-	-	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	2	-	1	-	-	-	1	-	-	-	-	-	-
Male	1	-	-	-	-	-	1	-	-	-	-	-	-
Female	1	-	1	-	-	-	-	-	-	-	-	-	-
Non-Hispanic [1]	578	68	15	4	4	5	16	10	44	81	141	190	-
Male	239	38	6	2	2	1	8	2	23	42	56	59	-
Female	339	30	9	2	2	4	8	8	21	39	85	131	-
White	508	32	9	3	3	4	12	9	40	77	135	184	-
Male	205	15	4	2	1	1	6	2	21	41	53	59	-
Female	303	17	5	1	2	3	6	7	19	36	82	125	-
Black	60	32	5	1	1	1	3	1	4	3	5	4	-
Male	31	20	2	-	1	-	2	-	2	1	3	-	-
Female	29	12	3	1	-	1	1	1	2	2	2	4	-
Not stated [2]	4	-	-	-	-	-	-	-	1	1	1	1	-
Male	4	-	-	-	-	-	-	-	1	1	1	1	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	72,159	562	155	123	201	623	1,156	1,513	3,542	9,698	23,094	31,485	7
Male	33,558	326	79	66	104	407	772	953	2,206	5,819	11,819	11,004	3
Female	38,601	236	76	57	97	216	384	560	1,336	3,879	11,275	20,481	4
Hispanic	2,106	86	20	7	19	53	65	77	146	279	608	746	-
Male	1,140	47	10	3	9	36	46	52	105	166	341	325	-
Female	966	39	10	4	10	17	19	25	41	113	267	421	-
Mexican	1,234	72	15	6	12	33	27	45	91	187	345	401	-
Male	662	37	9	3	6	23	15	27	68	109	192	173	-
Female	572	35	6	3	6	10	12	18	23	78	153	228	-
Puerto Rican	138	8	4	-	-	8	10	9	11	19	36	33	-
Male	84	6	1	-	-	4	9	6	8	10	18	22	-
Female	54	2	3	-	-	4	1	3	3	9	18	11	-
Cuban	229	-	-	-	-	-	6	8	17	27	78	93	-
Male	129	-	-	-	-	-	6	8	13	15	46	41	-
Female	100	-	-	-	-	-	-	-	4	12	32	52	-
Central and South American	82	2	-	-	2	5	7	2	6	6	28	24	-
Male	37	1	-	-	-	4	5	2	2	4	12	7	-
Female	45	1	-	-	2	1	2	-	4	2	16	17	-
Other and unknown Hispanic	423	4	1	1	5	7	15	13	21	40	121	195	-
Male	228	3	-	-	3	5	11	9	14	28	73	82	-
Female	195	1	1	1	2	2	4	4	7	12	48	113	-
Non-Hispanic [1]	69,584	468	134	115	181	565	1,071	1,416	3,363	9,347	22,324	30,594	6
Male	32,152	272	69	62	94	366	710	890	2,076	5,601	11,387	10,623	2
Female	37,432	196	65	53	87	199	361	526	1,287	3,746	10,937	19,971	4
White	62,357	255	88	83	118	336	664	1,004	2,662	8,073	20,350	28,719	5
Male	28,160	150	48	42	67	214	432	606	1,648	4,803	10,300	9,849	1
Female	34,197	105	40	41	51	122	232	398	1,014	3,270	10,050	18,870	4
Black	6,210	190	34	26	56	208	379	377	634	1,147	1,656	1,502	1
Male	3,437	108	16	16	26	141	263	263	390	720	892	601	1
Female	2,773	82	18	10	30	67	116	114	244	427	764	901	-
Not stated [2]	469	8	1	1	1	5	20	20	33	72	162	145	1
Male	266	7	-	1	1	5	16	11	25	52	91	56	1
Female	203	1	1	-	-	-	4	9	8	20	71	89	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Pneumonia and influenza-Con.													
Pneumonia (480-486)	70,191	556	145	113	197	617	1,145	1,484	3,449	9,464	22,507	30,507	7
Male	32,807	322	77	59	101	405	769	940	2,152	5,703	11,563	10,713	3
Female	37,384	234	68	54	96	212	376	544	1,297	3,761	10,944	19,794	4
Hispanic	2,061	85	20	6	19	53	64	76	141	271	598	728	-
Male	1,119	46	10	2	9	36	46	52	101	164	338	315	-
Female	942	39	10	4	10	17	18	24	40	107	260	413	-
Mexican	1,206	71	15	5	12	33	26	44	87	181	339	393	-
Male	650	36	9	2	6	23	15	27	65	107	190	170	-
Female	556	35	6	3	6	10	11	17	22	74	149	223	-
Puerto Rican	137	8	4	-	-	8	10	9	11	19	36	32	-
Male	83	6	1	-	-	4	9	6	8	10	18	21	-
Female	54	2	3	-	-	4	1	3	3	9	18	11	-
Cuban	224	-	-	-	-	-	6	8	17	26	77	90	-
Male	126	-	-	-	-	-	6	8	13	15	45	39	-
Female	98	-	-	-	-	-	-	-	4	11	32	51	-
Central and South American	79	2	-	-	2	5	7	2	6	6	26	23	-
Male	36	1	-	-	-	4	5	2	2	4	12	6	-
Female	43	1	-	-	2	1	2	-	4	2	14	17	-
Other and unknown Hispanic	415	4	1	1	5	7	15	13	20	39	120	190	-
Male	224	3	-	-	3	5	11	9	13	28	73	79	-
Female	191	1	1	1	2	2	4	4	7	11	47	111	-
Non-Hispanic [1]	67,669	463	125	106	177	559	1,061	1,388	3,275	9,121	21,751	29,637	6
Male	31,425	269	67	56	91	364	707	877	2,026	5,487	11,135	10,344	2
Female	36,244	194	58	50	86	195	354	511	1,249	3,634	10,616	19,293	4
White	60,528	250	80	76	116	332	655	981	2,583	7,863	19,799	27,788	5
Male	27,477	147	47	38	65	213	429	596	1,602	4,700	10,062	9,577	1
Female	33,051	103	33	38	51	119	226	385	981	3,163	9,737	18,211	4
Black	6,133	190	33	24	54	206	378	374	626	1,133	1,634	1,480	1
Male	3,395	108	15	14	25	140	263	261	386	710	878	594	1
Female	2,738	82	18	10	29	66	115	113	240	423	756	886	-
Not stated [2]	461	8	-	1	1	5	20	20	33	72	158	142	1
Male	263	7	-	1	1	5	16	11	25	52	90	54	1
Female	198	1	-	-	-	-	4	9	8	20	68	88	-
Influenza (487)	1,968	6	10	10	4	6	11	29	93	234	587	978	-
Male	751	4	2	7	3	2	3	13	54	116	256	291	-
Female	1,217	2	8	3	1	4	8	16	39	118	331	687	-
Hispanic	45	1	-	1	-	-	1	1	5	8	10	18	-
Male	21	1	-	1	-	-	-	-	4	2	3	10	-
Female	24	-	-	-	-	-	1	1	1	6	7	8	-
Mexican	28	1	-	1	-	-	1	1	4	6	6	8	-
Male	12	1	-	1	-	-	-	-	3	2	2	3	-
Female	16	-	-	-	-	-	1	1	1	4	4	5	-
Puerto Rican	1	-	-	-	-	-	-	-	-	-	-	1	-
Male	1	-	-	-	-	-	-	-	-	-	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	5	-	-	-	-	-	-	-	-	1	1	3	-
Male	3	-	-	-	-	-	-	-	-	-	1	2	-
Female	2	-	-	-	-	-	-	-	-	1	-	1	-
Central and South American	3	-	-	-	-	-	-	-	-	-	2	1	-
Male	1	-	-	-	-	-	-	-	-	-	-	1	-
Female	2	-	-	-	-	-	-	-	-	-	2	-	-
Other and unknown Hispanic	8	-	-	-	-	-	-	-	1	1	1	5	-
Male	4	-	-	-	-	-	-	-	1	-	-	3	-
Female	4	-	-	-	-	-	-	-	-	1	1	2	-
Non-Hispanic [1]	1,915	5	9	9	4	6	10	28	88	226	573	957	-
Male	727	3	2	6	3	2	3	13	50	114	252	279	-
Female	1,188	2	7	3	1	4	7	15	38	112	321	678	-
White	1,829	5	8	7	2	4	9	23	79	210	551	931	-
Male	683	3	1	4	2	1	3	10	46	103	238	272	-
Female	1,146	2	7	3	-	3	6	13	33	107	313	659	-
Black	77	-	1	2	2	2	1	3	8	14	22	22	-
Male	42	-	1	2	1	1	-	2	4	10	14	7	-
Female	35	-	-	-	1	1	1	1	4	4	8	15	-
Not stated [2]	8	-	1	-	-	-	-	-	-	-	4	3	-
Male	3	-	-	-	-	-	-	-	-	-	1	2	-
Female	5	-	1	-	-	-	-	-	-	-	3	1	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Chronic obstructive pulmonary diseases and allied conditions (490-496)	81,016	51	49	107	155	268	541	2,066	9,645	25,769	30,092	12,266	7
Male	46,271	30	34	65	82	139	297	1,052	5,446	15,132	17,541	6,448	7
Female	34,745	21	15	42	73	129	244	1,014	4,199	10,637	12,551	5,820	-
Hispanic	1,473	6	9	6	7	20	23	47	154	370	493	338	-
Male	872	5	5	2	1	12	14	23	78	236	303	193	-
Female	601	1	4	4	6	8	9	24	76	134	190	145	-
Mexican	716	5	6	6	3	10	9	21	79	175	225	177	-
Male	441	4	3	2	-	7	6	12	40	116	143	108	-
Female	275	1	3	4	3	3	3	9	39	59	82	69	-
Puerto Rican	138	-	-	-	3	7	6	11	16	39	38	18	-
Male	70	-	-	-	1	5	3	4	3	23	22	9	-
Female	68	-	-	-	2	2	3	7	13	16	16	9	-
Cuban	230	-	-	-	1	-	-	7	16	64	92	50	-
Male	128	-	-	-	-	-	-	4	9	39	55	21	-
Female	102	-	-	-	1	-	-	3	7	25	37	29	-
Central and South American	54	-	2	-	-	1	1	3	8	11	15	13	-
Male	28	-	1	-	-	-	1	-	5	9	6	6	-
Female	26	-	1	-	-	1	-	3	3	2	9	7	-
Other and unknown Hispanic	335	1	1	-	-	2	7	5	35	81	123	80	-
Male	205	1	1	-	-	-	4	3	21	49	77	49	-
Female	130	-	-	-	-	2	3	2	14	32	46	31	-
Non-Hispanic [1]	79,100	45	40	100	147	245	511	1,999	9,429	25,257	29,458	11,865	4
Male	45,114	25	29	63	80	125	279	1,019	5,326	14,600	17,149	6,215	4
Female	33,986	20	11	37	67	120	232	980	4,103	10,457	12,309	5,650	-
White	73,444	30	20	51	89	133	342	1,638	8,476	23,552	27,840	11,271	2
Male	41,431	15	14	30	45	68	186	824	4,747	13,641	18,017	5,842	2
Female	32,013	15	6	21	44	65	156	814	3,729	9,911	11,823	5,429	-
Black	4,894	13	18	48	52	104	154	329	846	1,497	1,370	463	2
Male	3,183	8	13	32	33	55	88	175	521	1,008	956	292	2
Female	1,711	5	5	14	19	49	66	154	325	489	414	171	-
Not stated [2]	443	-	-	1	1	3	7	20	62	142	141	63	3
Male	285	-	-	-	1	2	4	10	42	96	89	38	3
Female	158	-	-	1	-	1	3	10	20	46	52	25	-
Bronchitis, chronic and unspecified (490-491)	3,421	38	23	7	7	18	34	87	360	860	1,217	770	-
Male	1,787	23	14	5	2	11	15	45	198	499	660	315	-
Female	1,634	15	9	2	5	7	19	42	162	361	557	455	-
Hispanic	74	5	7	-	-	3	1	-	6	7	21	24	-
Male	47	5	3	-	-	2	-	-	3	4	15	15	-
Female	27	-	4	-	-	1	1	-	3	3	6	9	-
Mexican	44	4	5	-	-	2	1	-	3	4	11	14	-
Male	28	4	2	-	-	2	-	-	2	3	7	8	-
Female	16	-	3	-	-	-	1	-	1	1	4	6	-
Puerto Rican	4	-	-	-	-	-	-	-	-	-	2	2	-
Male	3	-	-	-	-	-	-	-	-	-	1	2	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Cuban	10	-	-	-	-	-	-	-	1	2	4	3	-
Male	7	-	-	-	-	-	-	-	1	-	4	2	-
Female	3	-	-	-	-	-	-	-	-	2	-	1	-
Central and South American	2	-	1	-	-	-	-	-	-	-	-	1	-
Male	1	-	-	-	-	-	-	-	-	-	-	1	-
Female	1	-	1	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	14	1	1	-	-	1	-	-	2	1	4	4	-
Male	8	1	1	-	-	-	-	-	-	1	3	2	-
Female	6	-	-	-	-	1	-	-	2	-	1	2	-
Non-Hispanic [1]	3,321	33	16	7	7	14	33	85	350	847	1,187	742	-
Male	1,724	18	11	5	2	9	15	44	193	490	637	300	-
Female	1,597	15	5	2	5	5	18	41	157	357	550	442	-
White	3,113	21	8	2	4	10	27	76	329	807	1,120	709	-
Male	1,588	10	6	1	1	7	11	37	179	464	586	286	-
Female	1,525	11	2	1	3	3	16	39	150	343	534	423	-
Black	165	10	7	5	1	4	5	8	18	37	52	18	-
Male	110	6	4	4	-	2	3	6	13	24	41	7	-
Female	55	4	3	1	1	2	2	2	5	13	11	11	-
Not stated [2]	26	-	-	-	-	1	-	2	4	6	9	4	-
Male	16	-	-	-	-	-	-	1	2	5	8	-	-
Female	10	-	-	-	-	1	-	1	2	1	1	4	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Chronic obstructive pulmonary diseases and allied conditions-Con.													
Emphysema (492)	14,785	-	1	-	1	13	69	396	2,084	5,317	5,321	1,583	-
Male	8,848	-	1	-	-	9	49	216	1,203	3,206	3,250	914	-
Female	5,937	-	-	-	1	4	20	180	881	2,111	2,071	669	-
Hispanic	206	-	-	-	1	1	3	5	20	66	80	30	-
Male	136	-	-	-	-	-	3	3	13	45	53	19	-
Female	70	-	-	-	1	1	-	2	7	21	27	11	-
Mexican	111	-	-	-	1	1	2	2	14	37	36	18	-
Male	74	-	-	-	-	-	2	2	10	23	25	12	-
Female	37	-	-	-	1	1	-	-	4	14	11	6	-
Puerto Rican	16	-	-	-	-	-	-	-	1	9	6	-	-
Male	12	-	-	-	-	-	-	-	-	6	6	-	-
Female	4	-	-	-	-	-	-	-	1	3	-	-	-
Cuban	29	-	-	-	-	-	-	2	1	6	15	5	-
Male	18	-	-	-	-	-	-	1	1	5	9	2	-
Female	11	-	-	-	-	-	-	1	-	1	6	3	-
Central and South American	8	-	-	-	-	-	-	1	1	2	3	1	-
Male	6	-	-	-	-	-	-	-	1	2	2	1	-
Female	2	-	-	-	-	-	-	1	-	-	1	-	-
Other and unknown Hispanic	42	-	-	-	-	-	1	-	3	12	20	6	-
Male	26	-	-	-	-	-	1	-	1	9	11	4	-
Female	16	-	-	-	-	-	-	-	2	3	9	2	-
Non-Hispanic [1]	14,493	-	1	-	-	12	64	388	2,048	5,222	5,215	1,543	-
Male	8,657	-	1	-	-	9	45	211	1,180	3,142	3,182	887	-
Female	5,836	-	-	-	-	3	19	177	868	2,080	2,033	656	-
White	13,720	-	1	-	-	6	54	345	1,896	4,954	4,982	1,482	-
Male	8,092	-	1	-	-	4	38	181	1,079	2,937	3,007	845	-
Female	5,628	-	-	-	-	2	16	164	817	2,017	1,975	637	-
Black	668	-	-	-	-	6	9	39	134	238	192	50	-
Male	484	-	-	-	-	5	6	26	91	177	143	36	-
Female	184	-	-	-	-	1	3	13	43	61	49	14	-
Not stated [2]	86	-	-	-	-	-	2	3	16	29	26	10	-
Male	55	-	-	-	-	-	1	2	10	19	15	8	-
Female	31	-	-	-	-	-	1	1	6	10	11	2	-
Asthma (493)	4,348	9	19	96	138	212	287	416	653	1,026	1,003	488	1
Male	1,701	5	13	58	74	105	138	154	252	407	366	128	1
Female	2,647	4	6	38	64	107	149	262	401	619	637	360	-
Hispanic	165	1	2	6	6	13	15	25	27	26	25	19	-
Male	62	-	2	2	1	7	8	8	8	8	10	8	-
Female	103	1	-	4	5	6	7	17	19	18	15	11	-
Mexican	68	1	1	6	2	4	5	12	9	9	11	8	-
Male	28	-	1	2	-	2	3	6	3	2	5	4	-
Female	40	1	-	4	2	2	2	6	6	7	6	4	-
Puerto Rican	32	-	-	-	3	7	4	6	5	4	3	-	-
Male	12	-	-	-	1	5	1	1	1	2	1	-	-
Female	20	-	-	-	2	2	3	5	4	2	2	-	-
Cuban	23	-	-	-	1	-	-	2	6	7	5	2	-
Male	7	-	-	-	-	-	-	-	1	2	4	-	-
Female	16	-	-	-	1	-	-	2	5	5	1	2	-
Central and South American	16	-	1	-	-	1	1	2	4	1	2	4	-
Male	5	-	1	-	-	-	1	-	2	1	-	-	-
Female	11	-	-	-	-	1	-	2	2	-	2	4	-
Other and unknown Hispanic	26	-	-	-	-	1	5	3	3	5	4	5	-
Male	10	-	-	-	-	-	3	1	1	1	-	4	-
Female	16	-	-	-	-	1	2	2	2	4	4	1	-
Non-Hispanic [1]	4,160	8	17	90	132	197	267	387	623	997	974	468	-
Male	1,626	5	11	56	73	96	127	144	243	398	353	120	-
Female	2,534	3	6	34	59	101	140	243	380	599	621	348	-
White	3,255	5	7	47	78	101	156	247	478	837	861	438	-
Male	1,200	3	3	27	40	50	72	91	179	327	300	108	-
Female	2,055	2	4	20	38	51	84	156	299	510	561	330	-
Black	779	3	9	40	50	89	102	126	123	132	81	24	-
Male	365	2	7	28	32	44	54	46	50	60	33	9	-
Female	414	1	2	12	18	45	48	80	73	72	48	15	-
Not stated [2]	23	-	-	-	-	2	5	4	3	3	4	1	1
Male	13	-	-	-	-	2	3	2	1	1	3	-	1
Female	10	-	-	-	-	-	2	2	2	2	1	1	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. *Beginning 1987 includes category numbers *042-*044; see Technical Appendix*]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Chronic obstructive pulmonary diseases and allied conditions-Con.													
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	58,462	4	6	4	9	25	151	1,167	6,548	18,566	22,551	9,425	6
Male	33,935	2	6	2	6	14	95	637	3,793	11,020	13,265	5,089	6
Female	24,527	2	-	2	3	11	56	530	2,755	7,546	9,286	4,336	-
Hispanic	1,028	-	-	-	-	3	4	17	101	271	367	265	-
Male	627	-	-	-	-	3	3	12	54	179	225	151	-
Female	401	-	-	-	-	-	1	5	47	92	142	114	-
Mexican	493	-	-	-	-	3	1	7	53	125	167	137	-
Male	311	-	-	-	-	3	1	4	25	88	106	84	-
Female	182	-	-	-	-	-	-	3	28	37	61	53	-
Puerto Rican	86	-	-	-	-	-	2	5	10	26	27	16	-
Male	43	-	-	-	-	-	2	3	2	15	14	7	-
Female	43	-	-	-	-	-	-	2	8	11	13	9	-
Cuban	168	-	-	-	-	-	-	3	8	49	68	40	-
Male	96	-	-	-	-	-	-	3	6	32	38	17	-
Female	72	-	-	-	-	-	-	-	2	17	30	23	-
Central and South American	28	-	-	-	-	-	-	-	3	8	10	7	-
Male	16	-	-	-	-	-	-	-	2	6	4	4	-
Female	12	-	-	-	-	-	-	-	1	2	6	3	-
Other and unknown Hispanic	253	-	-	-	-	-	1	2	27	63	95	65	-
Male	161	-	-	-	-	-	-	2	19	38	63	39	-
Female	92	-	-	-	-	-	1	-	8	25	32	26	-
Non-Hispanic [1]	57,126	4	6	3	8	22	147	1,139	6,408	18,191	22,082	9,112	4
Male	33,107	2	6	2	5	11	92	620	3,710	10,770	12,977	4,908	4
Female	24,019	2	-	1	3	11	55	519	2,698	7,421	9,105	4,204	-
White	53,356	4	4	2	7	16	105	970	5,773	16,954	20,877	8,642	2
Male	30,551	2	4	2	4	7	65	515	3,310	9,913	12,124	4,603	2
Female	22,805	2	-	-	3	9	40	455	2,463	7,041	8,753	4,039	-
Black	3,282	-	2	1	1	5	38	156	571	1,090	1,045	371	2
Male	2,224	-	2	-	1	4	25	97	367	747	739	240	2
Female	1,058	-	-	1	-	1	13	59	204	343	306	131	-
Not stated [2]	308	-	-	1	1	-	-	11	39	104	102	48	2
Male	201	-	-	-	1	-	-	5	29	71	63	30	2
Female	107	-	-	1	-	-	-	6	10	33	39	18	-
Ulcer of stomach and duodenum (531-533)	5,726	8	3	3	10	52	112	229	531	1,267	1,882	1,628	1
Male	2,751	3	2	2	6	38	80	147	330	758	864	521	-
Female	2,975	5	1	1	4	14	32	82	201	509	1,018	1,107	1
Hispanic	124	1	-	-	-	2	3	8	21	31	35	23	-
Male	71	1	-	-	-	2	3	8	11	21	19	6	-
Female	53	-	-	-	-	-	-	-	10	10	16	17	-
Mexican	76	1	-	-	-	-	1	7	16	18	19	14	-
Male	40	1	-	-	-	-	1	7	7	12	8	4	-
Female	36	-	-	-	-	-	-	-	9	6	11	10	-
Puerto Rican	6	-	-	-	-	-	1	-	2	1	2	-	-
Male	5	-	-	-	-	-	1	-	1	1	2	-	-
Female	1	-	-	-	-	-	-	-	1	-	-	-	-
Cuban	15	-	-	-	-	1	-	1	1	-	7	5	-
Male	9	-	-	-	-	1	-	1	1	-	5	1	-
Female	6	-	-	-	-	-	-	-	-	-	2	4	-
Central and South American	6	-	-	-	-	-	-	-	-	4	-	2	-
Male	2	-	-	-	-	-	-	-	-	2	-	-	-
Female	4	-	-	-	-	-	-	-	-	2	-	2	-
Other and unknown Hispanic	21	-	-	-	-	1	1	-	2	8	7	2	-
Male	15	-	-	-	-	1	1	-	2	6	4	1	-
Female	6	-	-	-	-	-	-	-	-	2	3	1	-
Non-Hispanic [1]	5,556	7	3	2	10	50	107	216	502	1,226	1,633	1,599	1
Male	2,655	2	2	2	6	36	75	134	313	730	842	513	-
Female	2,901	5	1	-	4	14	32	82	189	496	991	1,086	1
White	4,981	6	2	2	5	28	69	169	411	1,074	1,702	1,512	1
Male	2,335	1	2	2	3	19	49	103	249	644	780	483	-
Female	2,646	5	-	-	2	9	20	66	162	430	922	1,029	1
Black	497	1	1	-	5	20	35	42	84	137	106	66	-
Male	279	1	-	-	3	15	26	28	58	78	47	23	-
Female	218	-	1	-	2	5	9	14	26	59	59	43	-
Not stated [2]	46	-	-	1	-	-	2	5	8	10	14	6	-
Male	25	-	-	-	-	-	2	5	6	7	3	2	-
Female	21	-	-	1	-	-	-	-	2	3	11	4	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Appendicitis (540-543)	410	5	6	11	11	11	26	28	53	86	108	65	-
Male	242	3	5	4	9	6	17	19	34	56	63	26	-
Female	168	2	1	7	2	5	9	9	19	30	45	39	-
Hispanic	18	-	3	-	1	3	3	1	1	4	-	2	-
Male	14	-	2	-	1	3	3	1	-	3	-	1	-
Female	4	-	1	-	-	-	-	-	1	1	-	1	-
Mexican	12	-	2	-	1	2	1	1	1	2	-	2	-
Male	10	-	2	-	1	2	1	1	-	2	-	1	-
Female	2	-	-	-	-	-	-	-	1	-	-	1	-
Puerto Rican	1	-	-	-	-	-	-	-	-	1	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	1	-	-	-	-	1	-	-	-	-	-	-	-
Male	1	-	-	-	-	1	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	4	-	1	-	-	-	2	-	-	1	-	-	-
Male	3	-	-	-	-	-	2	-	-	1	-	-	-
Female	1	-	1	-	-	-	-	-	-	-	-	-	-
Non-Hispanic [1]	388	5	3	11	10	8	23	25	52	81	107	63	-
Male	224	3	3	4	8	3	14	16	34	52	62	25	-
Female	164	2	-	7	2	5	9	9	18	29	45	38	-
White	317	5	3	8	6	5	18	17	44	62	91	58	-
Male	184	3	3	3	5	3	12	10	30	40	50	25	-
Female	133	2	-	5	1	2	6	7	14	22	41	33	-
Black	61	-	-	2	3	3	5	6	8	17	12	5	-
Male	34	-	-	1	2	-	2	5	4	11	9	-	-
Female	27	-	-	1	1	3	3	1	4	6	3	5	-
Not stated [2]	4	-	-	-	-	-	-	2	-	1	1	-	-
Male	4	-	-	-	-	-	-	2	-	1	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,437	78	21	24	19	28	86	125	310	824	1,842	2,079	1
Male	1,971	53	15	14	15	16	43	61	150	379	712	512	1
Female	3,466	25	6	10	4	12	43	64	160	445	1,130	1,567	-
Hispanic	138	4	1	5	1	1	5	10	11	27	34	39	-
Male	56	3	1	2	1	1	3	6	6	10	13	10	-
Female	82	1	-	3	-	-	2	4	5	17	21	29	-
Mexican	77	3	1	3	-	1	2	5	4	15	18	25	-
Male	27	2	1	1	-	1	1	2	1	6	9	3	-
Female	50	1	-	2	-	-	1	3	3	9	9	22	-
Puerto Rican	6	-	-	1	-	-	-	1	3	-	-	1	-
Male	3	-	-	-	-	-	-	1	2	-	-	-	-
Female	3	-	-	1	-	-	-	-	1	-	-	1	-
Cuban	18	-	-	-	1	-	-	2	-	6	5	4	-
Male	9	-	-	-	1	-	-	2	-	3	-	3	-
Female	9	-	-	-	-	-	-	-	-	3	5	1	-
Central and South American	8	-	-	-	-	-	-	2	-	1	4	1	-
Male	3	-	-	-	-	-	-	1	-	-	2	-	-
Female	5	-	-	-	-	-	-	1	-	1	2	1	-
Other and unknown Hispanic	29	1	-	1	-	-	3	-	4	5	7	8	-
Male	14	1	-	1	-	-	2	-	3	1	2	4	-
Female	15	-	-	-	-	-	1	-	1	4	5	4	-
Non-Hispanic [1]	5,254	72	20	19	18	27	79	113	298	786	1,792	2,029	1
Male	1,897	48	14	12	14	15	40	54	144	362	693	500	1
Female	3,357	24	6	7	4	12	39	59	154	424	1,099	1,529	-
White	4,596	48	17	13	14	15	50	75	230	650	1,599	1,885	-
Male	1,591	33	13	7	12	10	23	34	108	296	603	452	-
Female	3,005	15	4	6	2	5	27	41	122	354	996	1,433	-
Black	615	22	3	5	3	12	28	35	63	127	182	134	1
Male	284	13	1	4	2	5	17	19	34	62	83	43	1
Female	331	9	2	1	1	7	11	16	29	65	99	91	-
Not stated [2]	45	2	-	-	-	-	2	2	1	11	16	11	-
Male	18	2	-	-	-	-	-	1	-	7	6	2	-
Female	27	-	-	-	-	-	2	1	1	4	10	9	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Chronic liver disease and cirrhosis (571)	23,781	16	7	7	41	819	3,312	4,108	5,822	5,804	3,168	663	14
Male	15,293	8	2	2	22	513	2,423	2,955	3,945	3,501	1,631	279	12
Female	8,488	8	5	5	19	306	889	1,153	1,877	2,303	1,537	384	2
Hispanic	2,037	2	1	1	9	112	404	440	513	357	156	39	3
Male	1,485	1	–	–	5	87	356	352	367	214	81	20	2
Female	552	1	1	1	4	25	48	88	146	143	75	19	1
Mexican	1,319	–	1	1	3	60	266	288	358	220	95	25	2
Male	973	–	–	–	2	47	239	222	255	140	55	12	1
Female	346	–	1	1	1	13	27	66	103	80	40	13	1
Puerto Rican	167	1	–	–	2	18	30	47	36	24	9	–	–
Male	128	–	–	–	1	15	26	43	24	13	6	–	–
Female	39	1	–	–	1	3	4	4	12	11	3	–	–
Cuban	116	–	–	–	1	2	4	8	23	41	29	8	–
Male	65	–	–	–	1	2	3	6	15	25	8	5	–
Female	51	–	–	–	–	–	1	2	8	16	21	3	–
Central and South American	107	1	–	–	1	12	30	30	16	12	4	1	–
Male	71	1	–	–	1	10	26	21	8	3	1	–	–
Female	36	–	–	–	–	2	4	9	8	9	3	1	–
Other and unknown Hispanic	328	–	–	–	2	20	74	67	80	60	19	5	1
Male	248	–	–	–	–	13	62	60	65	33	11	3	1
Female	80	–	–	–	2	7	12	7	15	27	8	2	–
Non-Hispanic [1]	21,544	14	6	6	31	697	2,878	3,636	5,253	5,405	2,992	620	6
Male	13,666	7	2	2	16	420	2,044	2,576	3,535	3,263	1,538	258	5
Female	7,878	7	4	4	15	277	834	1,060	1,718	2,142	1,454	362	1
White	17,780	11	3	4	19	440	1,974	2,714	4,363	4,890	2,773	586	3
Male	11,306	5	2	2	13	280	1,451	1,942	2,969	2,966	1,431	242	3
Female	6,474	6	1	2	6	160	523	772	1,394	1,924	1,342	344	–
Black	3,233	3	3	2	9	215	799	791	773	438	169	28	3
Male	2,053	2	–	–	2	126	521	546	503	257	82	12	2
Female	1,180	1	3	2	7	89	278	245	270	181	87	16	1
Not stated [2]	200	–	–	–	1	10	30	32	56	42	20	4	5
Male	142	–	–	–	1	6	23	27	43	24	12	1	5
Female	58	–	–	–	–	4	7	5	13	18	8	3	–
Cholelithiasis and other disorders of gallbladder (574-575)	2,803	3	–	1	5	20	37	60	199	589	951	936	2
Male	1,196	2	–	1	3	9	21	27	96	324	428	285	–
Female	1,607	1	–	–	2	11	16	33	103	265	523	651	2
Hispanic	141	1	–	–	–	2	3	3	15	28	49	40	–
Male	58	1	–	–	–	–	1	1	5	15	21	14	–
Female	83	–	–	–	–	2	2	2	10	13	28	26	–
Mexican	84	–	–	–	–	2	3	3	11	18	23	24	–
Male	32	–	–	–	–	–	1	1	2	8	9	11	–
Female	52	–	–	–	–	2	2	2	9	10	14	13	–
Puerto Rican	9	1	–	–	–	–	–	–	3	–	5	–	–
Male	7	1	–	–	–	–	–	–	3	–	3	–	–
Female	2	–	–	–	–	–	–	–	–	–	2	–	–
Cuban	17	–	–	–	–	–	–	–	–	6	7	4	–
Male	10	–	–	–	–	–	–	–	–	4	4	2	–
Female	7	–	–	–	–	–	–	–	–	2	3	2	–
Central and South American	7	–	–	–	–	–	–	–	1	1	2	3	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	7	–	–	–	–	–	–	–	1	1	2	3	–
Other and unknown Hispanic	24	–	–	–	–	–	–	–	–	3	12	9	–
Male	9	–	–	–	–	–	–	–	–	3	5	1	–
Female	15	–	–	–	–	–	–	–	–	–	7	8	–
Non-Hispanic [1]	2,653	2	–	1	5	18	34	57	183	556	901	895	1
Male	1,133	1	–	1	3	9	20	26	90	305	407	271	–
Female	1,520	1	–	–	2	9	14	31	93	251	494	624	1
White	2,382	2	–	–	3	15	26	47	150	484	824	830	1
Male	1,019	1	–	–	2	7	13	25	76	264	377	254	–
Female	1,363	1	–	–	1	8	13	22	74	220	447	576	1
Black	220	–	–	1	2	3	7	9	27	58	64	49	–
Male	88	–	–	1	1	2	6	1	13	31	22	11	–
Female	132	–	–	–	1	1	1	8	14	27	42	38	–
Not stated [2]	9	–	–	–	–	–	–	–	1	5	1	1	1
Male	5	–	–	–	–	–	–	–	1	4	–	–	–
Female	4	–	–	–	–	–	–	–	–	1	1	1	1

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Nephritis, nephrotic syndrome, and nephrosis (580-589)	18,839	133	21	17	52	191	445	642	1,552	3,917	6,393	5,476	-
Male	9,108	75	13	9	32	124	279	350	788	2,094	3,181	2,163	-
Female	9,731	58	8	8	20	67	166	292	764	1,823	3,212	3,313	-
Hispanic	681	19	3	2	3	12	24	50	97	142	191	138	-
Male	362	13	2	1	2	7	19	27	50	68	105	68	-
Female	319	6	1	1	1	5	5	23	47	74	86	70	-
Mexican	417	14	1	1	1	10	12	34	68	90	112	74	-
Male	216	8	1	-	1	6	7	15	36	44	61	37	-
Female	201	6	-	1	-	4	5	19	32	46	51	37	-
Puerto Rican	51	2	1	1	2	1	6	6	9	8	10	5	-
Male	30	2	1	1	1	1	6	3	3	4	6	2	-
Female	21	-	-	-	1	-	-	3	6	4	4	3	-
Cuban	69	1	1	-	-	-	-	1	5	17	22	22	-
Male	36	1	-	-	-	-	-	1	5	8	12	9	-
Female	33	-	1	-	-	-	-	-	-	9	10	13	-
Central and South American	25	1	-	-	-	-	1	1	4	4	9	5	-
Male	11	1	-	-	-	-	1	1	1	1	2	4	-
Female	14	-	-	-	-	-	-	-	3	3	7	1	-
Other and unknown Hispanic	119	1	-	-	-	1	5	8	11	23	38	32	-
Male	69	1	-	-	-	-	5	7	5	11	24	16	-
Female	50	-	-	-	-	1	-	1	6	12	14	16	-
Non-Hispanic [1]	18,025	109	17	15	49	177	417	584	1,438	3,747	6,166	5,306	-
Male	8,677	59	10	8	30	115	258	319	731	2,008	3,055	2,084	-
Female	9,348	50	7	7	19	62	159	265	707	1,739	3,111	3,222	-
White	14,410	62	8	8	29	90	223	333	930	2,887	5,174	4,666	-
Male	6,978	33	3	5	20	59	144	186	497	1,587	2,608	1,836	-
Female	7,432	29	5	3	9	31	79	147	433	1,300	2,566	2,830	-
Black	3,310	41	9	7	20	82	184	230	471	785	898	583	-
Male	1,539	22	7	3	10	53	108	127	215	385	391	218	-
Female	1,771	19	2	4	10	29	76	103	256	400	507	365	-
Not stated [2]	133	5	1	-	-	2	4	8	17	28	36	32	-
Male	69	3	1	-	-	2	2	4	7	18	21	11	-
Female	64	2	-	-	-	-	2	4	10	10	15	21	-
Acute glomerulonephritis and nephrotic syndrome (580-581)	273	8	4	1	3	7	10	16	20	58	77	69	-
Male	135	3	2	1	2	7	7	10	14	30	35	24	-
Female	138	5	2	-	1	-	3	6	6	28	42	45	-
Hispanic	10	-	-	-	-	-	-	-	2	1	2	5	-
Male	6	-	-	-	-	-	-	-	2	1	-	3	-
Female	4	-	-	-	-	-	-	-	-	-	2	2	-
Mexican	4	-	-	-	-	-	-	-	2	-	1	1	-
Male	2	-	-	-	-	-	-	-	2	-	-	-	-
Female	2	-	-	-	-	-	-	-	-	-	1	1	-
Puerto Rican	2	-	-	-	-	-	-	-	-	-	-	2	-
Male	1	-	-	-	-	-	-	-	-	-	-	1	-
Female	1	-	-	-	-	-	-	-	-	-	-	1	-
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	1	-	-	-	-	-	-	-	-	-	1	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Other and unknown Hispanic	3	-	-	-	-	-	-	-	-	1	-	2	-
Male	3	-	-	-	-	-	-	-	-	1	-	2	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Hispanic [1]	262	8	4	1	3	7	10	16	18	56	75	64	-
Male	128	3	2	1	2	7	7	10	12	28	35	21	-
Female	134	5	2	-	1	-	3	6	6	28	40	43	-
White	219	6	1	-	3	3	7	10	12	47	71	59	-
Male	104	2	-	-	2	3	5	6	8	24	34	20	-
Female	115	4	1	-	1	-	2	4	4	23	37	39	-
Black	38	1	3	1	-	4	3	6	5	9	3	3	-
Male	21	1	2	1	-	4	2	4	3	4	-	-	-
Female	17	-	1	-	-	-	1	2	2	5	3	3	-
Not stated [2]	1	-	-	-	-	-	-	-	-	1	-	-	-
Male	1	-	-	-	-	-	-	-	-	1	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Nephritis, nephrotic syndrome, and nephrosis-Con.													
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,403	1	3	6	10	29	61	70	122	284	466	351	-
Male	704	1	-	2	6	22	42	42	69	154	221	145	-
Female	699	-	3	4	4	7	19	28	53	130	245	206	-
Hispanic	58	-	1	2	-	2	2	7	7	12	11	14	-
Male	35	-	-	1	-	2	2	4	5	7	7	7	-
Female	23	-	1	1	-	-	-	3	2	5	4	7	-
Mexican	33	-	-	1	-	2	1	6	3	7	4	9	-
Male	20	-	-	-	-	2	1	3	3	4	3	4	-
Female	13	-	-	1	-	-	-	3	-	3	1	5	-
Puerto Rican	3	-	-	1	-	-	-	-	1	-	1	-	-
Male	2	-	-	1	-	-	-	-	-	-	1	-	-
Female	1	-	-	-	-	-	-	-	1	-	-	-	-
Cuban	8	-	1	-	-	-	-	1	1	3	-	2	-
Male	4	-	-	-	-	-	-	1	1	1	-	1	-
Female	4	-	1	-	-	-	-	-	-	2	-	1	-
Central and South American	3	-	-	-	-	-	-	-	-	1	1	1	-
Male	2	-	-	-	-	-	-	-	-	1	-	1	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Other and unknown Hispanic	11	-	-	-	-	-	1	-	2	1	5	2	-
Male	7	-	-	-	-	-	1	-	1	1	3	1	-
Female	4	-	-	-	-	-	-	-	1	-	2	1	-
Non-Hispanic [1]	1,339	1	2	4	10	26	59	63	112	272	453	337	-
Male	667	1	-	1	6	19	40	38	63	147	214	138	-
Female	672	-	2	3	4	7	19	25	49	125	239	199	-
White	1,051	1	2	3	5	12	39	42	81	210	365	291	-
Male	520	1	-	1	4	8	26	25	48	113	176	118	-
Female	531	-	2	2	1	4	13	17	33	97	189	173	-
Black	258	-	-	1	5	13	19	16	28	56	78	42	-
Male	130	-	-	-	2	11	13	11	12	31	32	18	-
Female	128	-	-	1	3	2	6	5	16	25	46	24	-
Not stated [2]	6	-	-	-	-	1	-	-	3	-	2	-	-
Male	2	-	-	-	-	1	-	-	1	-	-	-	-
Female	4	-	-	-	-	-	-	-	2	-	2	-	-
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	17,163	124	14	10	39	155	374	556	1,410	3,575	5,850	5,056	-
Male	8,269	71	11	6	24	95	230	298	705	1,910	2,925	1,994	-
Female	8,894	53	3	4	15	60	144	258	705	1,665	2,925	3,062	-
Hispanic	613	19	2	-	3	10	22	43	88	129	178	119	-
Male	321	13	2	-	2	5	17	23	43	60	98	58	-
Female	292	6	-	-	1	5	5	20	45	69	80	61	-
Mexican	380	14	1	-	1	8	11	28	63	83	107	64	-
Male	194	8	1	-	1	4	6	12	31	40	58	33	-
Female	186	6	-	-	-	4	5	16	32	43	49	31	-
Puerto Rican	46	2	1	-	2	1	6	6	8	8	9	3	-
Male	27	2	1	-	1	1	6	3	3	4	5	1	-
Female	19	-	-	-	1	-	-	3	5	4	4	2	-
Cuban	61	1	-	-	-	-	-	-	4	14	22	20	-
Male	32	1	-	-	-	-	-	-	4	7	12	8	-
Female	29	-	-	-	-	-	-	-	-	7	10	12	-
Central and South American	21	1	-	-	-	-	1	1	4	3	7	4	-
Male	9	1	-	-	-	-	1	1	1	-	2	3	-
Female	12	-	-	-	-	-	-	-	3	3	5	1	-
Other and unknown Hispanic	105	1	-	-	-	1	4	8	9	21	33	28	-
Male	59	1	-	-	-	-	4	7	4	9	21	13	-
Female	46	-	-	-	-	1	-	1	5	12	12	15	-
Non-Hispanic [1]	16,424	100	11	10	36	144	348	505	1,308	3,419	5,638	4,905	-
Male	7,882	55	8	6	22	89	211	271	656	1,833	2,806	1,925	-
Female	8,542	45	3	4	14	55	137	234	652	1,586	2,832	2,980	-
White	13,140	55	5	5	21	75	177	281	837	2,630	4,738	4,316	-
Male	6,354	30	3	4	14	48	113	155	441	1,450	2,398	1,698	-
Female	6,786	25	2	1	7	27	64	126	396	1,180	2,340	2,618	-
Black	3,014	40	6	5	15	65	162	208	438	720	817	538	-
Male	1,388	21	5	2	8	38	93	112	200	350	359	200	-
Female	1,626	19	1	3	7	27	69	96	238	370	458	338	-
Not stated [2]	126	5	1	-	-	1	4	8	14	27	34	32	-
Male	66	3	1	-	-	1	2	4	6	17	21	11	-
Female	60	2	-	-	-	-	2	4	8	10	13	21	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Infections of kidney (590)	1,208	4	1	-	9	7	31	41	86	187	409	433	-
Male	375	3	-	-	2	5	11	18	38	69	123	106	-
Female	833	1	1	-	7	2	20	23	48	118	286	327	-
Hispanic	51	-	1	-	1	3	4	4	6	8	12	12	-
Male	23	-	-	-	-	3	1	2	4	4	4	5	-
Female	28	-	1	-	1	-	3	2	2	4	8	7	-
Mexican	35	-	1	-	1	3	-	2	3	7	9	9	-
Male	15	-	-	-	-	3	-	-	2	3	3	4	-
Female	20	-	1	-	1	-	-	2	1	4	6	5	-
Puerto Rican	4	-	-	-	-	-	-	-	1	-	2	1	-
Male	1	-	-	-	-	-	-	-	1	-	-	-	-
Female	3	-	-	-	-	-	-	-	-	-	2	1	-
Cuban	2	-	-	-	-	-	-	-	-	1	-	1	-
Male	2	-	-	-	-	-	-	-	-	1	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	2	-	-	-	-	-	2	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	2	-	-	-	-	-	-
Other and unknown Hispanic	8	-	-	-	-	-	2	2	2	-	1	1	-
Male	5	-	-	-	-	-	1	2	1	-	1	-	-
Female	3	-	-	-	-	-	1	-	1	-	-	1	-
Non-Hispanic [1]	1,150	3	-	-	8	4	27	35	80	178	397	418	-
Male	347	2	-	-	2	2	10	14	34	64	119	100	-
Female	803	1	-	-	6	2	17	21	46	114	278	318	-
White	1,009	1	-	-	7	2	18	29	66	148	351	387	-
Male	291	-	-	-	2	2	5	11	27	50	101	93	-
Female	718	1	-	-	5	-	13	18	39	98	250	294	-
Black	117	2	-	-	1	2	6	6	12	25	36	27	-
Male	48	2	-	-	-	-	4	3	6	12	15	6	-
Female	69	-	-	-	1	2	2	3	6	13	21	21	-
Not stated [2]	7	1	-	-	-	-	-	2	-	1	-	3	-
Male	5	1	-	-	-	-	-	2	-	1	-	1	-
Female	2	-	-	-	-	-	-	-	-	-	-	2	-
Hyperplasia of prostate (600)	416	-	-	-	-	-	-	-	16	56	160	184	-
Male	416	-	-	-	-	-	-	-	16	56	160	184	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Hispanic	8	-	-	-	-	-	-	-	-	3	1	4	-
Male	8	-	-	-	-	-	-	-	-	3	1	4	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Mexican	7	-	-	-	-	-	-	-	-	3	1	3	-
Male	7	-	-	-	-	-	-	-	-	3	1	3	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerto Rican	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Central and South American	1	-	-	-	-	-	-	-	-	-	-	1	-
Male	1	-	-	-	-	-	-	-	-	-	-	1	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Other and unknown Hispanic	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Hispanic [1]	405	-	-	-	-	-	-	-	16	52	158	179	-
Male	405	-	-	-	-	-	-	-	16	52	158	179	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
White	358	-	-	-	-	-	-	-	14	42	137	165	-
Male	358	-	-	-	-	-	-	-	14	42	137	165	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Black	42	-	-	-	-	-	-	-	2	9	20	11	-
Male	42	-	-	-	-	-	-	-	2	9	20	11	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Not stated [2]	3	-	-	-	-	-	-	-	-	1	1	1	-
Male	3	-	-	-	-	-	-	-	-	1	1	1	-
Female	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Complications of pregnancy, childbirth, and the puerperium (630-676)	303	...	...	-	93	147	61	2	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	303	...	...	-	93	147	61	2	...	...	...	...	-
Hispanic	40	...	...	-	13	19	8	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	40	...	...	-	13	19	8	-	...	...	...	...	-
Mexican	28	...	...	-	9	12	7	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	28	...	...	-	9	12	7	-	...	...	...	...	-
Puerto Rican	1	...	...	-	-	1	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	1	...	...	-	-	1	-	-	...	...	...	...	-
Cuban	1	...	...	-	-	-	1	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	1	...	...	-	-	-	1	-	...	...	...	...	-
Central and South American	5	...	...	-	1	4	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	5	...	...	-	1	4	-	-	...	...	...	...	-
Other and unknown Hispanic	5	...	...	-	3	2	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	5	...	...	-	3	2	-	-	...	...	...	...	-
Non-Hispanic [1]	262	...	...	-	80	128	52	2	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	262	...	...	-	80	128	52	2	...	...	...	...	-
White	124	...	...	-	33	65	25	1	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	124	...	...	-	33	65	25	1	...	...	...	...	-
Black	125	...	...	-	43	59	22	1	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	125	...	...	-	43	59	22	1	...	...	...	...	-
Not stated [2]	1	...	...	-	-	-	1	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	1	...	...	-	-	-	1	-	...	...	...	...	-
Pregnancy with abortive outcome (630-638)	42	...	...	-	13	21	8	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	42	...	...	-	13	21	8	-	...	...	...	...	-
Hispanic	4	...	...	-	1	1	2	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	4	...	...	-	1	1	2	-	...	...	...	...	-
Mexican	3	...	...	-	1	-	2	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	3	...	...	-	1	-	2	-	...	...	...	...	-
Puerto Rican	-	...	...	-	-	-	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	-	...	...	-	-	-	-	-	...	...	...	...	-
Cuban	-	...	...	-	-	-	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	-	...	...	-	-	-	-	-	...	...	...	...	-
Central and South American	1	...	...	-	-	1	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	1	...	...	-	-	1	-	-	...	...	...	...	-
Other and unknown Hispanic	-	...	...	-	-	-	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	-	...	...	-	-	-	-	-	...	...	...	...	-
Non-Hispanic [1]	38	...	...	-	12	20	6	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	38	...	...	-	12	20	6	-	...	...	...	...	-
White	16	...	...	-	5	9	2	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	16	...	...	-	5	9	2	-	...	...	...	...	-
Black	21	...	...	-	7	10	4	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	21	...	...	-	7	10	4	-	...	...	...	...	-
Not stated [2]	-	...	...	-	-	-	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	-	...	...	-	-	-	-	-	...	...	...	...	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Complications of pregnancy, childbirth, and the puerperium-Con.													
Other complications of pregnancy, childbirth, and the puerperium (640-676)	261	...	...	-	80	126	53	2	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	261	...	...	-	80	126	53	2	...	...	...	...	-
Hispanic	36	...	...	-	12	18	6	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	36	...	...	-	12	18	6	-	...	...	...	...	-
Mexican	25	...	...	-	8	12	5	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	25	...	...	-	8	12	5	-	...	...	...	...	-
Puerto Rican	1	...	...	-	-	1	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	1	...	...	-	-	1	-	-	...	...	...	...	-
Cuban	1	...	...	-	-	-	1	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	1	...	...	-	-	-	1	-	...	...	...	...	-
Central and South American	4	...	...	-	1	3	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	4	...	...	-	1	3	-	-	...	...	...	...	-
Other and unknown Hispanic	5	...	...	-	3	2	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	5	...	...	-	3	2	-	-	...	...	...	...	-
Non-Hispanic [1]	224	...	...	-	68	108	46	2	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	224	...	...	-	68	108	46	2	...	...	...	...	-
White	108	...	...	-	28	56	23	1	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	108	...	...	-	28	56	23	1	...	...	...	...	-
Black	104	...	...	-	36	49	18	1	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	104	...	...	-	36	49	18	1	...	...	...	...	-
Not stated [2]	1	...	...	-	-	-	1	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	1	...	...	-	-	-	1	-	...	...	...	...	-
Congenital Anomalies (740-759)	12,108	7,623	823	427	438	443	424	334	381	517	446	248	4
Male	6,508	4,177	435	223	263	251	249	167	190	235	220	96	2
Female	5,600	3,446	388	204	175	192	175	167	191	282	226	152	2
Hispanic	1,477	1,165	110	46	37	28	20	17	12	19	12	11	-
Male	797	632	57	31	24	14	11	8	4	7	7	2	-
Female	680	533	53	15	13	14	9	9	8	12	5	9	-
Mexican	1,066	860	72	32	24	18	13	10	9	13	9	6	-
Male	569	461	37	22	13	10	8	5	2	3	6	2	-
Female	497	399	35	10	11	8	5	5	7	10	3	4	-
Puerto Rican	91	69	7	2	4	4	1	1	2	1	-	-	-
Male	52	42	3	1	3	-	1	-	1	1	-	-	-
Female	39	27	4	1	1	4	-	1	1	-	-	-	-
Cuban	42	22	3	4	-	-	1	4	-	1	2	5	-
Male	17	11	-	4	-	-	-	1	-	-	1	-	-
Female	25	11	3	-	-	-	1	3	-	1	1	5	-
Central and South American	105	77	17	1	5	2	1	-	1	-	1	-	-
Male	63	42	13	1	5	1	-	-	1	-	-	-	-
Female	42	35	4	-	-	1	1	-	-	-	1	-	-
Other and unknown Hispanic	173	137	11	7	4	4	4	2	-	4	-	-	-
Male	96	76	4	3	3	3	2	2	-	3	-	-	-
Female	77	61	7	4	1	1	2	-	-	1	-	-	-
Non-Hispanic [1]	10,489	6,354	702	379	399	411	398	314	367	496	431	234	4
Male	5,639	3,491	374	192	237	235	233	159	185	228	211	92	2
Female	4,850	2,863	328	187	162	176	165	155	182	268	220	142	2
White	8,303	4,794	532	300	310	345	342	282	337	442	398	218	3
Male	4,476	2,657	275	152	182	203	208	144	172	202	193	86	2
Female	3,827	2,137	257	148	128	142	134	138	165	240	205	132	1
Black	1,833	1,307	142	65	80	59	48	25	23	47	25	11	1
Male	982	704	80	34	51	29	23	11	9	24	12	5	-
Female	851	603	62	31	29	30	25	14	14	23	13	6	1
Not stated [2]	142	104	11	2	2	4	6	3	2	2	3	3	-
Male	72	54	4	-	2	2	5	-	1	-	2	2	-
Female	70	50	7	2	-	2	1	3	1	2	1	1	-

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Certain conditions originating in the perinatal period (760-779)	16,044	15,862	124	29	5	6	2	2	1	1	1	4	7
Male	9,105	8,992	84	14	2	3	–	2	–	–	1	2	5
Female	6,939	6,870	40	15	3	3	2	–	1	1	–	2	2
Hispanic	1,808	1,785	20	1	–	–	1	–	–	–	–	–	1
Male	1,022	1,008	12	1	–	–	–	–	–	–	–	–	1
Female	786	777	8	–	–	–	1	–	–	–	–	–	–
Mexican	1,187	1,174	11	–	–	–	1	–	–	–	–	–	1
Male	679	670	8	–	–	–	–	–	–	–	–	–	1
Female	508	504	3	–	–	–	1	–	–	–	–	–	–
Puerto Rican	190	189	1	–	–	–	–	–	–	–	–	–	–
Male	98	97	1	–	–	–	–	–	–	–	–	–	–
Female	92	92	–	–	–	–	–	–	–	–	–	–	–
Cuban	47	45	2	–	–	–	–	–	–	–	–	–	–
Male	29	27	2	–	–	–	–	–	–	–	–	–	–
Female	18	18	–	–	–	–	–	–	–	–	–	–	–
Central and South American	139	135	4	–	–	–	–	–	–	–	–	–	–
Male	78	77	1	–	–	–	–	–	–	–	–	–	–
Female	61	58	3	–	–	–	–	–	–	–	–	–	–
Other and unknown Hispanic	245	242	2	1	–	–	–	–	–	–	–	–	–
Male	138	137	–	1	–	–	–	–	–	–	–	–	–
Female	107	105	2	–	–	–	–	–	–	–	–	–	–
Non-Hispanic [1]	13,891	13,734	103	28	5	6	1	2	1	1	1	4	5
Male	7,899	7,801	72	13	2	3	–	2	–	–	1	2	3
Female	5,992	5,933	31	15	3	3	1	–	1	1	–	2	2
White	7,812	7,713	56	20	5	5	1	2	1	1	1	3	4
Male	4,525	4,463	40	11	2	2	–	2	–	–	1	2	2
Female	3,287	3,250	16	9	3	3	1	–	1	1	–	1	2
Black	5,720	5,669	43	7	–	–	–	–	–	–	–	1	–
Male	3,167	3,138	28	1	–	–	–	–	–	–	–	–	–
Female	2,553	2,531	15	6	–	–	–	–	–	–	–	1	–
Not stated [2]	345	343	1	–	–	–	–	–	–	–	–	–	1
Male	184	183	–	–	–	–	–	–	–	–	–	–	1
Female	161	160	1	–	–	–	–	–	–	–	–	–	–
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	3,500	3,448	28	16	3	3	1	1	–	–	–	–	–
Male	2,090	2,061	19	6	1	2	–	1	–	–	–	–	–
Female	1,410	1,387	9	10	2	1	1	–	–	–	–	–	–
Hispanic	435	428	6	–	–	–	1	–	–	–	–	–	–
Male	245	241	4	–	–	–	–	–	–	–	–	–	–
Female	190	187	2	–	–	–	1	–	–	–	–	–	–
Mexican	291	285	5	–	–	–	1	–	–	–	–	–	–
Male	165	161	4	–	–	–	–	–	–	–	–	–	–
Female	126	124	1	–	–	–	1	–	–	–	–	–	–
Puerto Rican	39	39	–	–	–	–	–	–	–	–	–	–	–
Male	17	17	–	–	–	–	–	–	–	–	–	–	–
Female	22	22	–	–	–	–	–	–	–	–	–	–	–
Cuban	15	15	–	–	–	–	–	–	–	–	–	–	–
Male	9	9	–	–	–	–	–	–	–	–	–	–	–
Female	6	6	–	–	–	–	–	–	–	–	–	–	–
Central and South American	38	38	–	–	–	–	–	–	–	–	–	–	–
Male	22	22	–	–	–	–	–	–	–	–	–	–	–
Female	16	16	–	–	–	–	–	–	–	–	–	–	–
Other and unknown Hispanic	52	51	1	–	–	–	–	–	–	–	–	–	–
Male	32	32	–	–	–	–	–	–	–	–	–	–	–
Female	20	19	1	–	–	–	–	–	–	–	–	–	–
Non-Hispanic [1]	3,008	2,963	22	16	3	3	–	1	–	–	–	–	–
Male	1,810	1,785	15	6	1	2	–	1	–	–	–	–	–
Female	1,198	1,178	7	10	2	1	–	–	–	–	–	–	–
White	1,860	1,824	17	12	3	3	–	1	–	–	–	–	–
Male	1,115	1,093	12	6	1	2	–	1	–	–	–	–	–
Female	745	731	5	6	2	1	–	–	–	–	–	–	–
Black	1,067	1,058	5	4	–	–	–	–	–	–	–	–	–
Male	643	640	3	–	–	–	–	–	–	–	–	–	–
Female	424	418	2	4	–	–	–	–	–	–	–	–	–
Not stated [2]	57	57	–	–	–	–	–	–	–	–	–	–	–
Male	35	35	–	–	–	–	–	–	–	–	–	–	–
Female	22	22	–	–	–	–	–	–	–	–	–	–	–

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Certain conditions originating in the perinatal period-Con.													
Other conditions originating in the perinatal period (760-766,770-779)	12,544	12,414	96	13	2	3	1	1	1	1	1	4	7
Male	7,015	6,931	65	8	1	1	–	1	–	–	1	2	5
Female	5,529	5,483	31	5	1	2	1	–	1	1	–	2	2
Hispanic	1,373	1,357	14	1	–	–	–	–	–	–	–	–	1
Male	777	767	8	1	–	–	–	–	–	–	–	–	1
Female	596	590	6	–	–	–	–	–	–	–	–	–	–
Mexican	896	889	6	–	–	–	–	–	–	–	–	–	1
Male	514	509	4	–	–	–	–	–	–	–	–	–	1
Female	382	380	2	–	–	–	–	–	–	–	–	–	–
Puerto Rican	151	150	1	–	–	–	–	–	–	–	–	–	–
Male	81	80	1	–	–	–	–	–	–	–	–	–	–
Female	70	70	–	–	–	–	–	–	–	–	–	–	–
Cuban	32	30	2	–	–	–	–	–	–	–	–	–	–
Male	20	18	2	–	–	–	–	–	–	–	–	–	–
Female	12	12	–	–	–	–	–	–	–	–	–	–	–
Central and South American	101	97	4	–	–	–	–	–	–	–	–	–	–
Male	56	55	1	–	–	–	–	–	–	–	–	–	–
Female	45	42	3	–	–	–	–	–	–	–	–	–	–
Other and unknown Hispanic	193	191	1	1	–	–	–	–	–	–	–	–	–
Male	106	105	–	1	–	–	–	–	–	–	–	–	–
Female	87	86	1	–	–	–	–	–	–	–	–	–	–
Non-Hispanic [1]	10,883	10,771	81	12	2	3	1	1	1	1	1	4	5
Male	6,089	6,016	57	7	1	1	–	1	–	–	1	2	3
Female	4,794	4,755	24	5	1	2	1	–	1	1	–	2	2
White	5,952	5,889	39	8	2	2	1	1	1	1	1	3	4
Male	3,410	3,370	28	5	1	–	–	1	–	–	1	2	2
Female	2,542	2,519	11	3	1	2	1	–	1	1	–	1	2
Black	4,653	4,611	38	3	–	–	–	–	–	–	–	1	–
Male	2,524	2,498	25	1	–	–	–	–	–	–	–	–	–
Female	2,129	2,113	13	2	–	–	–	–	–	–	–	1	–
Not stated [2]	288	286	1	–	–	–	–	–	–	–	–	–	1
Male	149	148	–	–	–	–	–	–	–	–	–	–	1
Female	139	138	1	–	–	–	–	–	–	–	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	21,451	5,925	234	103	575	1,288	1,477	1,099	1,541	2,390	3,181	3,554	84
Male	11,871	3,619	130	62	393	899	1,045	719	1,016	1,414	1,514	999	61
Female	9,580	2,306	104	41	182	389	432	380	525	976	1,667	2,555	23
Hispanic	1,188	600	20	9	66	106	77	47	46	65	76	68	8
Male	736	353	10	3	50	81	60	31	35	35	42	29	7
Female	452	247	10	6	16	25	17	16	11	30	34	39	1
Mexican	797	420	13	7	47	67	41	27	33	44	57	38	3
Male	507	253	6	2	37	55	35	15	26	24	32	19	3
Female	290	167	7	5	10	12	6	12	7	20	25	19	–
Puerto Rican	105	44	3	2	6	14	15	8	–	2	7	3	1
Male	70	27	2	1	5	11	12	7	–	1	3	–	1
Female	35	17	1	1	1	3	3	1	–	1	4	3	–
Cuban	22	4	–	–	–	2	1	3	3	3	3	2	1
Male	17	2	–	–	–	1	1	3	3	3	2	1	1
Female	5	2	–	–	–	1	–	–	–	–	1	1	–
Central and South American	77	42	1	–	9	12	8	1	2	1	1	–	–
Male	41	23	–	–	7	6	3	1	1	–	–	–	–
Female	36	19	1	–	2	6	5	–	1	1	1	–	–
Other and unknown Hispanic	187	90	3	–	4	11	12	8	8	15	8	25	3
Male	101	48	2	–	1	8	9	5	5	7	5	9	2
Female	86	42	1	–	3	3	3	3	3	8	3	16	1
Non-Hispanic [1]	20,001	5,266	214	92	501	1,155	1,371	1,035	1,480	2,308	3,088	3,468	23
Male	10,966	3,231	120	59	338	800	962	675	969	1,367	1,465	964	16
Female	9,035	2,035	94	33	163	355	409	360	511	941	1,623	2,504	7
White	15,061	3,307	131	59	349	755	901	739	1,170	1,929	2,622	3,084	15
Male	8,111	2,109	81	40	229	528	618	467	764	1,163	1,253	849	10
Female	6,950	1,198	50	19	120	227	283	272	406	766	1,369	2,235	5
Black	4,455	1,752	72	31	130	347	430	274	279	346	431	357	6
Male	2,547	989	36	17	93	232	315	190	188	186	191	105	5
Female	1,908	763	36	14	37	115	115	84	91	160	240	252	1
Not stated [2]	262	59	–	2	8	27	29	17	15	17	17	18	53
Male	169	35	–	–	5	18	23	13	12	12	7	6	38
Female	93	24	–	2	3	9	6	4	3	5	10	12	15

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
All other diseases (Residual)	160,062	1,508	806	949	1,612	3,477	6,022	7,726	14,300	29,558	48,610	45,476	18
Male	72,982	873	468	525	968	2,087	3,830	4,669	8,199	15,858	21,832	13,662	11
Female	87,080	635	338	424	644	1,390	2,192	3,057	6,101	13,700	26,778	31,814	7
Hispanic	5,178	179	112	86	160	297	405	434	622	887	1,068	926	2
Male	2,757	99	70	49	91	202	279	281	356	468	503	357	2
Female	2,421	80	42	37	69	95	126	153	266	419	565	569	-
Mexican	3,022	129	73	57	114	178	229	264	391	524	587	475	1
Male	1,630	69	44	32	67	124	158	171	217	280	274	193	1
Female	1,392	60	29	25	47	54	71	93	174	244	313	282	-
Puerto Rican	408	13	17	11	20	40	45	47	46	52	62	55	-
Male	236	10	13	8	6	27	34	31	27	32	32	16	-
Female	172	3	4	3	14	13	11	16	19	20	30	39	-
Cuban	544	5	2	2	5	10	28	27	49	110	162	144	-
Male	265	2	-	1	4	6	20	23	38	63	68	40	-
Female	279	3	2	1	1	4	8	4	11	47	94	104	-
Central and South American	245	10	7	3	10	23	29	18	32	37	42	33	1
Male	118	8	3	3	7	11	13	9	11	16	20	16	1
Female	127	2	4	-	3	12	16	9	21	21	22	17	-
Other and unknown Hispanic	959	22	13	13	11	46	74	78	104	164	215	219	-
Male	508	10	10	5	7	34	54	47	63	77	109	92	-
Female	451	12	3	8	4	12	20	31	41	87	106	127	-
Non-Hispanic [1]	153,771	1,315	685	854	1,441	3,144	5,552	7,213	13,539	28,452	47,255	44,309	12
Male	69,646	765	395	472	870	1,861	3,505	4,331	7,757	15,265	21,192	13,226	7
Female	84,125	550	290	382	571	1,283	2,047	2,882	5,782	13,187	26,063	31,083	5
White	133,111	878	484	656	1,090	2,058	3,656	5,213	10,878	24,678	42,690	40,823	7
Male	59,259	518	278	371	684	1,251	2,341	3,121	6,231	13,283	19,113	12,065	3
Female	73,852	360	206	285	406	807	1,315	2,092	4,647	11,395	23,577	28,758	4
Black	18,637	391	170	168	307	998	1,748	1,836	2,396	3,400	4,119	3,099	5
Male	9,283	219	94	88	158	563	1,071	1,120	1,375	1,754	1,837	1,000	4
Female	9,354	172	76	80	149	435	677	716	1,021	1,646	2,282	2,099	1
Not stated [2]	1,113	14	9	9	11	36	65	79	139	219	287	241	4
Male	579	9	3	4	7	24	46	57	86	125	137	79	2
Female	534	5	6	5	4	12	19	22	53	94	150	162	2
Accidents and adverse effects (E800-E949)	85,378	875	2,382	3,394	15,132	14,839	10,875	6,823	6,723	7,772	9,286	7,170	107
Male	57,595	476	1,467	2,255	11,617	11,601	8,354	4,950	4,615	4,731	4,690	2,742	97
Female	27,783	399	915	1,139	3,515	3,238	2,521	1,873	2,108	3,041	4,596	4,428	10
Hispanic	6,634	106	313	350	1,731	1,684	907	513	367	247	213	151	52
Male	5,238	54	197	239	1,479	1,444	758	400	266	156	124	71	50
Female	1,396	52	116	111	252	240	149	113	101	91	89	80	2
Mexican	4,424	77	224	239	1,272	1,133	564	324	228	148	104	83	28
Male	3,566	41	138	163	1,101	995	471	256	175	97	62	41	26
Female	858	36	86	76	171	138	93	68	53	51	42	42	2
Puerto Rican	402	10	26	23	77	89	73	40	23	15	15	11	-
Male	306	4	19	20	63	67	62	31	16	9	11	4	-
Female	96	6	7	3	14	22	11	9	7	6	4	7	-
Cuban	260	2	6	6	28	45	34	31	32	19	34	22	1
Male	190	1	4	4	23	37	30	28	21	12	20	9	1
Female	70	1	2	2	5	8	4	3	11	7	14	13	-
Central and South American	571	6	27	33	141	164	88	43	29	15	15	8	2
Male	438	4	16	19	126	142	65	29	16	8	8	3	2
Female	133	2	11	14	15	22	23	14	13	7	7	5	-
Other and unknown Hispanic	977	11	30	49	213	253	148	75	55	50	45	27	21
Male	738	4	20	33	166	203	130	56	38	30	23	14	21
Female	239	7	10	16	47	50	18	19	17	20	22	13	-
Non-Hispanic [1]	77,782	766	2,051	3,007	13,261	12,976	9,820	6,209	6,253	7,449	9,005	6,961	24
Male	51,638	420	1,258	1,993	10,019	10,013	7,471	4,474	4,274	4,522	4,530	2,647	17
Female	26,144	346	793	1,014	3,242	2,963	2,349	1,735	1,979	2,927	4,475	4,314	7
White	64,668	473	1,429	2,198	11,159	10,443	7,810	4,990	5,175	6,438	8,102	6,434	17
Male	42,419	261	887	1,451	8,374	8,078	5,928	3,570	3,522	3,885	4,035	2,415	13
Female	22,249	212	542	747	2,785	2,365	1,882	1,420	1,653	2,553	4,067	4,019	4
Black	10,759	252	520	667	1,581	2,068	1,671	1,006	916	851	761	449	7
Male	7,581	140	305	450	1,256	1,585	1,293	763	651	542	408	184	4
Female	3,178	122	215	217	325	483	378	243	265	309	353	265	3
Not stated [2]	962	3	18	37	140	179	148	101	103	76	68	58	31
Male	719	2	12	23	119	144	125	76	75	53	36	24	30
Female	243	1	6	14	21	35	23	25	28	23	32	34	1

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Accidents and adverse effects-Con.													
Motor vehicle accidents (E810-E825)	43,748	189	855	1,925	11,801	9,514	5,934	3,658	3,138	3,114	2,712	867	41
Male	30,305	98	484	1,188	8,762	7,189	4,285	2,514	2,024	1,782	1,435	505	39
Female	13,443	91	371	737	3,039	2,325	1,649	1,144	1,114	1,332	1,277	362	2
Hispanic	4,084	32	143	201	1,315	1,094	497	312	217	132	92	27	22
Male	3,165	15	86	129	1,094	906	393	226	140	81	58	16	21
Female	919	17	57	72	221	188	104	86	77	51	34	11	1
Mexican	2,735	27	108	138	965	732	307	191	130	79	35	13	10
Male	2,168	13	67	90	812	625	241	141	89	51	21	9	9
Female	567	14	41	48	153	107	66	50	41	28	14	4	1
Puerto Rican	225	-	8	9	55	53	42	27	10	10	8	3	-
Male	169	-	6	8	44	39	34	20	4	5	7	2	-
Female	56	-	2	1	11	14	8	7	6	5	1	1	-
Cuban	162	-	1	4	22	32	19	20	27	10	22	5	-
Male	117	-	-	3	17	24	17	17	17	7	13	2	-
Female	45	-	1	1	5	8	2	3	10	3	9	3	-
Central and South American	385	2	11	21	106	126	54	33	13	7	8	2	2
Male	289	2	5	11	93	104	38	20	5	3	5	1	2
Female	96	-	6	10	13	22	16	13	8	4	3	1	-
Other and unknown Hispanic	577	3	15	29	167	151	75	41	37	26	19	4	10
Male	422	-	8	17	128	114	63	28	25	15	12	2	10
Female	155	3	7	12	39	37	12	13	12	11	7	2	-
Non-Hispanic [1]	39,210	156	708	1,708	10,392	8,316	5,373	3,294	2,877	2,944	2,596	836	10
Male	26,811	82	396	1,050	7,594	6,203	3,836	2,252	1,856	1,679	1,366	488	9
Female	12,399	74	312	658	2,798	2,113	1,537	1,042	1,021	1,265	1,230	348	1
White	32,931	112	473	1,324	8,923	6,824	4,406	2,691	2,420	2,593	2,380	776	9
Male	22,325	60	262	798	6,478	5,073	3,133	1,816	1,551	1,469	1,233	444	8
Female	10,606	52	211	526	2,445	1,751	1,273	875	869	1,124	1,147	332	1
Black	4,849	37	188	303	1,073	1,167	764	466	366	280	161	43	1
Male	3,534	17	107	206	836	886	570	352	253	175	100	31	1
Female	1,315	20	81	97	237	281	194	114	113	105	61	12	-
Not stated [2]	454	1	4	16	94	104	64	52	44	38	24	4	9
Male	329	1	2	9	74	80	56	36	28	22	11	1	9
Female	125	-	2	7	20	24	8	16	16	16	13	3	-
All other accidents and adverse effects (E800-E807,E826-E949)	41,630	686	1,527	1,469	3,331	5,325	4,941	3,165	3,585	4,658	6,574	6,303	66
Male	27,290	378	983	1,067	2,855	4,412	4,069	2,436	2,591	2,949	3,255	2,237	58
Female	14,340	308	544	402	476	913	872	729	994	1,709	3,319	4,066	8
Hispanic	2,550	74	170	149	416	590	410	201	150	115	121	124	30
Male	2,073	39	111	110	385	538	365	174	126	75	66	55	29
Female	477	35	59	39	31	52	45	27	24	40	55	69	1
Mexican	1,689	50	116	101	307	401	257	133	98	69	69	70	18
Male	1,398	28	71	73	289	370	230	115	86	46	41	32	17
Female	291	22	45	28	18	31	27	18	12	23	28	38	1
Puerto Rican	177	10	18	14	22	36	31	13	13	5	7	8	-
Male	137	4	13	12	19	28	28	11	12	4	4	2	-
Female	40	6	5	2	3	8	3	2	1	1	3	6	-
Cuban	98	2	5	2	6	13	15	11	5	9	12	17	1
Male	73	1	4	1	6	13	13	11	4	5	7	7	1
Female	25	1	1	1	-	-	2	-	1	4	5	10	-
Central and South American	186	4	16	12	35	38	34	10	16	8	7	6	-
Male	149	2	11	8	33	38	27	9	11	5	3	2	-
Female	37	2	5	4	2	-	7	1	5	3	4	4	-
Other and unknown Hispanic	400	8	15	20	46	102	73	34	18	24	26	23	11
Male	316	4	12	16	38	89	67	28	13	15	11	12	11
Female	84	4	3	4	8	13	6	6	5	9	15	11	-
Non-Hispanic [1]	38,572	610	1,343	1,299	2,869	4,660	4,447	2,915	3,376	4,505	6,409	6,125	14
Male	24,827	338	862	943	2,425	3,810	3,635	2,222	2,418	2,843	3,164	2,159	8
Female	13,745	272	481	356	444	850	812	693	958	1,662	3,245	3,966	6
White	31,737	361	956	874	2,236	3,619	3,404	2,299	2,755	3,845	5,722	5,658	8
Male	20,094	201	625	653	1,696	3,005	2,795	1,754	1,971	2,416	2,802	1,971	5
Female	11,643	160	331	221	340	614	609	545	784	1,429	2,920	3,687	3
Black	5,910	225	332	364	508	901	907	540	550	571	600	406	6
Male	4,047	123	198	244	420	699	723	411	398	367	308	153	3
Female	1,863	102	134	120	88	202	184	129	152	204	292	253	3
Not stated [2]	508	2	14	21	46	75	84	49	59	38	44	54	22
Male	390	1	10	14	45	64	69	40	47	31	25	23	21
Female	118	1	4	7	1	11	15	9	12	7	19	31	1

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers "042-"044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Suicide (E950-E959)	28,915	...	...	243	4,535	6,104	5,351	3,461	3,173	3,052	2,364	623	9
Male	23,184	...	...	180	3,880	4,984	4,144	2,654	2,413	2,411	1,995	516	7
Female	5,731	...	...	63	655	1,120	1,207	807	760	641	369	107	2
Hispanic	1,403	...	...	20	384	396	252	132	99	66	41	12	1
Male	1,190	...	...	9	328	340	210	113	84	58	36	11	1
Female	213	...	...	11	56	56	42	19	15	8	5	1	-
Mexican	775	...	...	9	261	221	139	55	41	25	21	2	1
Male	666	...	...	3	223	195	114	48	38	24	18	2	1
Female	109	...	...	6	38	26	25	7	3	1	3	-	-
Puerto Rican	121	...	...	5	23	35	29	12	9	7	1	-	-
Male	108	...	...	2	22	30	28	12	8	6	-	-	-
Female	13	...	...	3	1	5	1	-	1	1	1	-	-
Cuban	123	...	...	1	8	20	14	21	27	16	10	6	-
Male	100	...	...	-	4	17	14	18	20	13	9	5	-
Female	23	...	...	1	4	3	-	3	7	3	1	1	-
Central and South American	112	...	...	-	25	34	23	15	5	5	5	-	-
Male	92	...	...	-	23	26	19	11	4	4	5	-	-
Female	20	...	...	-	2	8	4	4	1	1	-	-	-
Other and unknown Hispanic	272	...	...	5	67	86	47	29	17	13	4	4	-
Male	224	...	...	4	56	72	35	24	14	11	4	4	-
Female	48	...	...	1	11	14	12	5	3	2	-	-	-
Non-Hispanic [1]	27,322	...	...	220	4,126	5,665	5,060	3,303	3,057	2,964	2,313	609	5
Male	21,837	...	...	170	3,530	4,608	3,904	2,520	2,315	2,333	1,950	503	4
Female	5,485	...	...	50	596	1,057	1,156	783	742	631	363	106	1
White	24,895	...	...	186	3,528	4,923	4,598	3,081	2,905	2,832	2,256	581	5
Male	19,880	...	...	145	3,017	3,997	3,542	2,345	2,207	2,235	1,904	484	4
Female	5,015	...	...	41	511	926	1,056	736	698	597	352	97	1
Black	1,803	...	...	27	397	576	365	177	106	100	39	16	-
Male	1,487	...	...	20	346	484	288	145	77	79	36	12	-
Female	316	...	...	7	51	92	77	32	29	21	3	4	-
Not stated [2]	190	...	...	3	25	43	39	26	17	22	10	2	3
Male	157	...	...	1	22	36	30	21	14	20	9	2	2
Female	33	...	...	2	3	7	9	5	3	2	1	-	1
Homicide and legal intervention (E960-E978)	21,507	300	341	448	6,184	6,531	3,856	1,674	954	603	399	123	94
Male	16,747	159	185	259	5,200	5,143	3,062	1,296	726	399	195	54	69
Female	4,760	141	156	189	984	1,388	794	378	228	204	204	69	25
Hispanic	3,259	39	48	89	1,225	1,019	518	189	72	36	7	1	16
Male	2,850	22	26	59	1,100	914	457	164	60	28	5	1	14
Female	409	17	22	30	125	105	61	25	12	8	2	-	2
Mexican	2,238	22	35	60	907	691	325	126	39	19	5	-	9
Male	1,996	13	20	42	832	636	285	109	31	16	4	-	8
Female	242	9	15	18	75	55	40	17	8	3	1	-	1
Puerto Rican	222	7	4	9	89	63	34	8	5	1	1	-	1
Male	178	2	2	7	74	52	29	6	5	-	1	-	-
Female	44	5	2	2	15	11	5	2	-	1	-	-	1
Cuban	149	-	1	-	11	49	47	20	12	8	1	-	-
Male	123	-	-	-	9	41	39	18	9	7	-	-	-
Female	26	-	1	-	2	8	8	2	3	1	1	-	-
Central and South American	355	2	2	10	123	126	63	18	9	-	-	1	1
Male	311	1	1	6	108	112	58	14	9	-	-	1	1
Female	44	1	1	4	15	14	5	4	-	-	-	-	-
Other and unknown Hispanic	295	8	6	10	95	90	49	17	7	8	-	-	5
Male	242	6	3	4	77	73	46	17	6	5	-	-	5
Female	53	2	3	6	18	17	3	-	1	3	-	-	-
Non-Hispanic [1]	17,926	253	289	352	4,881	5,421	3,289	1,466	864	565	388	122	36
Male	13,637	131	156	196	4,036	4,154	2,562	1,115	648	370	188	53	28
Female	4,289	122	133	156	845	1,267	727	351	216	195	200	69	8
White	7,328	119	128	155	1,316	1,998	1,523	844	526	366	255	77	21
Male	5,026	66	71	82	917	1,402	1,124	602	374	230	109	34	15
Female	2,302	53	57	73	399	596	399	242	152	136	146	43	6
Black	10,058	126	148	187	3,405	3,283	1,657	569	314	183	130	42	14
Male	8,205	60	76	108	2,986	2,652	1,357	475	257	127	78	17	12
Female	1,853	66	72	79	419	631	300	94	57	56	52	25	2
Not stated [2]	322	8	4	7	78	91	49	19	18	2	4	-	42
Male	260	6	3	4	64	75	43	17	18	1	2	-	27
Female	62	2	1	3	14	16	6	2	-	1	2	-	15

Table 1-38. Deaths From 72 Selected Causes, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

(Page 43 of 43)

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For a listing of reporting States see Technical Appendix. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
All other external causes (E980-E999)	2,243	51	30	50	295	603	540	245	167	123	80	41	18
Male	1,619	30	19	37	235	463	405	158	114	80	48	14	16
Female	624	21	11	13	60	140	135	87	53	43	32	27	2
Hispanic	130	7	2	5	26	46	30	7	6	-	1	-	-
Male	107	3	2	1	21	42	26	6	6	-	-	-	-
Female	23	4	-	4	5	4	4	1	-	-	1	-	-
Mexican	75	5	-	1	16	27	18	4	4	-	-	-	-
Male	62	2	-	-	13	23	16	4	4	-	-	-	-
Female	13	3	-	1	3	4	2	-	-	-	-	-	-
Puerto Rican	15	1	-	1	3	7	1	2	-	-	-	-	-
Male	13	-	-	1	3	7	1	1	-	-	-	-	-
Female	2	1	-	-	-	-	-	1	-	-	-	-	-
Cuban	2	-	-	-	-	1	-	-	-	-	1	-	-
Male	1	-	-	-	-	1	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Central and South American	9	-	-	-	2	5	2	-	-	-	-	-	-
Male	8	-	-	-	1	5	2	-	-	-	-	-	-
Female	1	-	-	-	1	-	-	-	-	-	-	-	-
Other and unknown Hispanic	29	1	2	3	5	6	9	1	2	-	-	-	-
Male	23	1	2	-	4	6	7	1	2	-	-	-	-
Female	6	-	-	3	1	-	2	-	-	-	-	-	-
Non-Hispanic [1]	2,073	44	28	45	268	548	503	232	158	122	78	40	7
Male	1,477	27	17	36	213	414	373	147	105	79	47	13	6
Female	596	17	11	9	55	134	130	85	53	43	31	27	1
White	1,569	16	11	31	195	415	388	183	123	103	68	33	3
Male	1,113	10	6	25	152	322	282	110	81	66	43	13	3
Female	456	6	5	6	43	93	106	73	42	37	25	20	-
Black	434	26	14	14	56	118	107	45	24	14	8	5	3
Male	313	15	9	11	48	80	85	34	18	9	2	-	2
Female	121	11	5	3	8	38	22	11	6	5	6	5	1
Not stated [2]	40	-	-	-	1	9	7	6	3	1	1	1	11
Male	35	-	-	-	1	7	6	5	3	1	1	1	10
Female	5	-	-	-	-	2	1	1	-	-	-	-	1

[1] Includes races other than white and black.

[2] Includes deaths that occurred in States that did not report Hispanic origin on the death certificate.

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Table 1-39. Deaths From Human Immunodeficiency Virus Infection and Detailed Subcategories, by 5-Year Age Groups, Race and Sex: United States, 1990

(Page 1 of 6)

[Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix]

Cause of death, race, and sex	All ages	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years
Human immunodeficiency virus infection (*042-*044)	25,188	106	55	35	19	14	229	64	20	48	493	2,981	5,502
Male	22,386	48	25	19	12	6	110	32	13	30	382	2,579	4,854
Female	2,802	58	30	16	7	8	119	32	7	18	111	402	648
White	17,255	30	25	15	5	1	76	20	8	30	282	1,980	3,639
Male	16,106	18	10	6	3	-	37	9	6	24	232	1,814	3,382
Female	1,149	12	15	9	2	1	39	11	2	6	50	166	257
All other	7,933	76	30	20	14	13	153	44	12	18	211	1,001	1,863
Male	6,280	30	15	13	9	6	73	23	7	6	150	765	1,472
Female	1,653	46	15	7	5	7	80	21	5	12	61	236	391
Black	7,730	76	30	20	13	13	152	42	12	18	208	976	1,826
Male	6,097	30	15	13	8	6	72	22	7	6	147	741	1,439
Female	1,633	46	15	7	5	7	80	20	5	12	61	235	387
Human immunodeficiency virus infection with specified conditions (*042)	24,269	93	54	31	18	13	209	56	19	47	474	2,885	5,341
Male	21,621	41	25	19	11	6	102	30	13	29	371	2,495	4,704
Female	2,668	52	29	12	7	7	107	26	6	18	103	390	637
White	16,732	29	25	13	5	1	73	18	7	29	273	1,925	3,540
Male	15,634	18	10	6	3	-	37	9	6	23	227	1,763	3,286
Female	1,098	11	15	7	2	1	36	9	1	6	46	162	254
All other	7,557	64	29	18	13	12	136	38	12	18	201	960	1,801
Male	5,987	23	15	13	8	6	65	21	7	6	144	732	1,418
Female	1,570	41	14	5	5	6	71	17	5	12	57	228	383
Black	7,359	64	29	18	12	12	135	36	12	18	198	935	1,766
Male	5,809	23	15	13	7	6	64	20	7	6	141	708	1,387
Female	1,550	41	14	5	5	6	71	16	5	12	57	227	379
With specified infections (*042.0)	5,707	44	3	5	-	-	52	10	3	15	127	708	1,245
Male	5,048	20	1	2	-	-	23	6	1	7	101	603	1,082
Female	659	24	2	3	-	-	29	4	2	8	26	105	163
White	3,841	16	2	3	-	-	21	5	-	9	73	445	817
Male	3,544	9	-	1	-	-	10	4	-	5	61	403	741
Female	297	7	2	2	-	-	11	1	-	4	12	42	76
All other	1,866	28	1	2	-	-	31	5	3	6	54	263	428
Male	1,504	11	1	1	-	-	13	2	1	2	40	200	341
Female	362	17	-	1	-	-	18	3	2	4	14	63	87
Black	1,811	28	1	2	-	-	31	3	3	6	54	255	419
Male	1,455	11	1	1	-	-	13	1	1	2	40	192	333
Female	356	17	-	1	-	-	18	2	2	4	14	63	86
Causing other specified infections (*042.1)	5,148	25	12	11	5	2	55	17	6	12	105	577	1,151
Male	4,502	8	7	7	2	-	24	9	5	9	78	484	998
Female	646	17	5	4	3	2	31	8	1	3	27	93	153
White	3,508	6	4	8	2	-	20	6	2	6	62	384	742
Male	3,242	4	3	4	1	-	12	3	2	5	49	342	685
Female	266	2	1	4	1	-	8	3	-	1	13	42	57
All other	1,640	19	8	3	3	2	35	11	4	6	43	193	409
Male	1,260	4	4	3	1	-	12	6	3	4	29	142	313
Female	380	15	4	-	2	2	23	5	1	2	14	51	96
Black	1,601	19	8	3	2	2	34	11	4	6	42	187	402
Male	1,226	4	4	3	-	-	11	6	3	4	28	136	308
Female	375	15	4	-	2	2	23	5	1	2	14	51	94
With specified malignant neoplasms (*042.2)	2,524	-	-	-	1	1	2	-	-	-	29	317	607
Male	2,473	-	-	-	1	-	1	-	-	-	28	308	597
Female	51	-	-	-	-	1	1	-	-	-	1	9	10
White	2,185	-	-	-	-	-	-	-	-	-	24	260	508
Male	2,151	-	-	-	-	-	-	-	-	-	23	255	501
Female	34	-	-	-	-	-	-	-	-	-	1	5	7
All other	339	-	-	-	1	1	2	-	-	-	5	57	99
Male	322	-	-	-	1	-	1	-	-	-	5	53	96
Female	17	-	-	-	-	1	1	-	-	-	-	4	3
Black	311	-	-	-	1	1	2	-	-	-	5	53	93
Male	294	-	-	-	1	-	1	-	-	-	5	49	90
Female	17	-	-	-	-	1	1	-	-	-	-	4	3
Acquired immunodeficiency syndrome, unspecified (*042.9)	10,910	24	39	15	12	10	100	29	10	20	213	1,283	2,338
Male	9,598	13	17	10	8	6	54	15	7	13	164	1,100	2,027
Female	1,312	11	22	5	4	4	46	14	3	7	49	183	311
White	7,198	7	19	2	3	1	32	7	5	14	114	836	1,473
Male	6,697	5	7	1	2	-	15	2	4	13	94	763	1,359
Female	501	2	12	1	1	1	17	5	1	1	20	73	114
All other	3,712	17	20	13	9	9	68	22	5	6	99	447	865
Male	2,901	8	10	9	6	6	39	13	3	-	70	337	668
Female	811	9	10	4	3	3	29	9	2	6	29	110	197
Black	3,636	17	20	13	9	9	68	22	5	6	97	440	852
Male	2,834	8	10	9	6	6	39	13	3	-	68	331	656
Female	802	9	10	4	3	3	29	9	2	6	29	109	196

Table 1-39. Deaths From Human Immunodeficiency Virus Infection and Detailed Subcategories, by 5-Year Age Groups, Race and Sex: United States, 1990—Con.

(Page 2 of 6)

[Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix]

Cause of death, race, and sex	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over	Not stated
Human immunodeficiency virus infection (*042-*044)	5,930	4,335	2,476	1,336	851	463	262	107	47	19	12	13
Male	5,298	3,986	2,320	1,245	782	409	218	71	32	10	4	11
Female	632	349	156	91	69	54	44	36	15	9	8	2
White	3,998	3,082	1,846	1,002	620	330	194	80	38	14	8	8
Male	3,772	2,944	1,781	961	580	300	167	53	27	8	1	8
Female	226	138	65	41	40	30	27	27	11	6	7	-
All other	1,932	1,253	630	334	231	133	68	27	9	5	4	5
Male	1,526	1,042	539	284	202	109	51	18	5	2	3	3
Female	406	211	91	50	29	24	17	9	4	3	1	2
Black	1,880	1,220	607	323	224	129	65	25	9	5	4	5
Male	1,481	1,012	516	273	196	107	49	16	5	2	3	3
Female	399	208	91	50	28	22	16	9	4	3	1	2
Human immunodeficiency virus infection with specified conditions (*042)	5,706	4,189	2,393	1,285	819	436	242	101	45	18	11	13
Male	5,114	3,863	2,243	1,199	752	387	200	66	30	9	3	11
Female	592	326	150	86	67	49	42	35	15	9	8	2
White	3,870	2,998	1,799	970	596	312	182	75	36	13	8	8
Male	3,660	2,868	1,738	930	558	283	156	49	25	7	1	8
Female	210	130	61	40	38	29	26	26	11	6	7	-
All other	1,836	1,191	594	315	223	124	60	26	9	5	3	5
Male	1,454	995	505	269	194	104	44	17	5	2	2	3
Female	382	196	89	46	29	20	16	9	4	3	1	2
Black	1,785	1,158	572	305	216	120	57	24	9	5	3	5
Male	1,410	965	483	259	188	102	42	15	5	2	2	3
Female	375	193	89	46	28	18	15	9	4	3	1	2
With specified infections (*042.0)	1,293	961	558	318	197	115	65	22	10	5	-	3
Male	1,174	880	512	298	175	100	55	18	9	1	-	3
Female	119	81	46	20	22	15	10	4	1	4	-	-
White	857	664	415	232	145	80	50	15	7	4	-	2
Male	807	629	396	220	133	71	41	13	7	1	-	2
Female	50	35	19	12	12	9	9	2	-	3	-	-
All other	436	297	143	86	52	35	15	7	3	1	-	1
Male	367	251	116	78	42	29	14	5	2	-	-	1
Female	69	46	27	8	10	6	1	2	1	1	-	-
Black	420	288	140	83	50	32	15	7	3	1	-	1
Male	353	243	113	75	40	27	14	5	2	-	-	1
Female	67	45	27	8	10	5	1	2	1	1	-	-
Causing other specified infections (*042.1)	1,207	901	477	269	183	101	55	13	9	2	5	3
Male	1,060	832	445	242	167	88	44	6	6	1	2	2
Female	147	69	32	27	16	13	11	7	3	1	3	1
White	805	656	357	201	129	75	38	10	8	1	4	2
Male	754	631	342	187	120	67	30	4	5	1	1	2
Female	51	25	15	14	9	8	8	6	3	-	3	-
All other	402	245	120	68	54	26	17	3	1	1	1	1
Male	306	201	103	55	47	21	14	2	1	-	1	-
Female	96	44	17	13	7	5	3	1	-	1	-	1
Black	392	240	116	67	53	26	15	2	1	1	1	1
Male	297	197	99	54	47	21	12	1	1	-	1	-
Female	95	43	17	13	6	5	3	1	-	1	-	1
With specified malignant neoplasms (*042.2)	617	450	259	122	72	26	14	3	3	1	-	2
Male	606	442	255	120	70	24	14	3	2	1	-	2
Female	11	8	4	2	2	2	-	-	1	-	-	-
White	533	407	234	111	65	23	12	2	3	1	-	2
Male	525	402	232	109	63	22	12	2	2	1	-	2
Female	8	5	2	2	2	1	-	-	1	-	-	-
All other	84	43	25	11	7	3	2	1	-	-	-	-
Male	81	40	23	11	7	2	2	1	-	-	-	-
Female	3	3	2	-	-	1	-	-	-	-	-	-
Black	81	35	20	9	7	3	2	1	-	-	-	-
Male	78	32	18	9	7	2	2	1	-	-	-	-
Female	3	3	2	-	-	1	-	-	-	-	-	-
Acquired immunodeficiency syndrome, unspecified (*042.9)	2,589	1,877	1,099	576	367	194	108	63	23	10	6	5
Male	2,274	1,709	1,031	539	340	175	87	39	13	6	1	4
Female	315	168	68	37	27	19	21	24	10	4	5	1
White	1,675	1,271	793	426	257	134	82	48	18	7	4	2
Male	1,574	1,206	768	414	242	123	73	30	11	4	-	2
Female	101	65	25	12	15	11	9	18	7	3	4	-
All other	914	606	306	150	110	60	26	15	5	3	2	3
Male	700	503	263	125	98	52	14	9	2	2	1	2
Female	214	103	43	25	12	8	12	6	3	1	1	1
Black	892	595	296	146	106	59	25	14	5	3	2	3
Male	682	493	253	121	94	52	14	8	2	2	1	2
Female	210	102	43	25	12	7	11	6	3	1	1	1

Table 1-39. Deaths From Human Immunodeficiency Virus Infection and Detailed Subcategories, by 5-Year Age Groups, Race and Sex: United States, 1990—Con.

(Page 3 of 6)

[Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix]

Cause of death, race, and sex	All ages	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years
Human immunodeficiency virus infection causing other specified conditions (*043)	235	1	–	1	–	1	3	1	–	1	7	23	31
Male	204	1	–	–	–	–	1	–	–	1	7	18	30
Female	31	–	–	1	–	1	2	1	–	–	–	5	1
White	165	–	–	1	–	–	1	1	–	1	4	15	20
Male	151	–	–	–	–	–	–	–	–	1	4	13	19
Female	14	–	–	1	–	–	1	1	–	–	–	2	1
All other	70	1	–	–	–	1	2	–	–	–	3	8	11
Male	53	1	–	–	–	–	1	–	–	–	3	5	11
Female	17	–	–	–	–	1	1	–	–	–	–	3	–
Black	67	1	–	–	–	1	2	–	–	–	3	8	10
Male	50	1	–	–	–	–	1	–	–	–	3	5	10
Female	17	–	–	–	–	1	1	–	–	–	–	3	–
Causing lymphadenopathy (*043.0)	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Causing specified diseases of the central nervous system (*043.1)	90	–	–	–	–	1	1	–	–	–	4	10	9
Male	81	–	–	–	–	–	–	–	–	–	4	8	8
Female	9	–	–	–	–	1	1	–	–	–	–	2	1
White	69	–	–	–	–	–	–	–	–	–	3	8	7
Male	64	–	–	–	–	–	–	–	–	–	3	7	6
Female	5	–	–	–	–	–	–	–	–	–	–	1	1
All other	21	–	–	–	–	1	1	–	–	–	1	2	2
Male	17	–	–	–	–	–	–	–	–	–	1	1	2
Female	4	–	–	–	–	1	1	–	–	–	–	1	–
Black	20	–	–	–	–	1	1	–	–	–	1	2	2
Male	16	–	–	–	–	–	–	–	–	–	1	1	2
Female	4	–	–	–	–	1	1	–	–	–	–	1	–
Causing other disorders involving the immune mechanism (*043.2)	7	–	–	–	–	–	–	–	–	–	–	–	1
Male	6	–	–	–	–	–	–	–	–	–	–	–	1
Female	1	–	–	–	–	–	–	–	–	–	–	–	–
White	5	–	–	–	–	–	–	–	–	–	–	–	1
Male	5	–	–	–	–	–	–	–	–	–	–	–	1
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	2	–	–	–	–	–	–	–	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	–	–	–
Black	2	–	–	–	–	–	–	–	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	–	–	–
Causing other specified conditions (*043.3)	93	1	–	1	–	–	2	–	–	1	3	8	15
Male	83	1	–	–	–	–	1	–	–	1	3	7	15
Female	10	–	–	1	–	–	1	–	–	–	–	1	–
White	65	–	–	1	–	–	1	–	–	1	1	6	9
Male	59	–	–	–	–	–	–	–	–	1	1	5	9
Female	6	–	–	1	–	–	1	–	–	–	–	1	–
All other	28	1	–	–	–	–	1	–	–	–	2	2	6
Male	24	1	–	–	–	–	1	–	–	–	2	2	6
Female	4	–	–	–	–	–	–	–	–	–	–	–	–
Black	26	1	–	–	–	–	1	–	–	–	2	2	5
Male	22	1	–	–	–	–	1	–	–	–	2	2	5
Female	4	–	–	–	–	–	–	–	–	–	–	–	–
Acquired immunodeficiency syndrome-related complex, unspecified (*043.9)	45	–	–	–	–	–	–	1	–	–	–	5	6
Male	34	–	–	–	–	–	–	–	–	–	–	3	6
Female	11	–	–	–	–	–	–	1	–	–	–	2	–
White	26	–	–	–	–	–	–	1	–	–	–	1	3
Male	23	–	–	–	–	–	–	–	–	–	–	1	3
Female	3	–	–	–	–	–	–	1	–	–	–	–	–
All other	19	–	–	–	–	–	–	–	–	–	–	4	3
Male	11	–	–	–	–	–	–	–	–	–	–	2	3
Female	8	–	–	–	–	–	–	–	–	–	–	2	–
Black	19	–	–	–	–	–	–	–	–	–	–	4	3
Male	11	–	–	–	–	–	–	–	–	–	–	2	3
Female	8	–	–	–	–	–	–	–	–	–	–	2	–

Table 1-39. Deaths From Human Immunodeficiency Virus Infection and Detailed Subcategories, by 5-Year Age Groups, Race and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix]

Cause of death, race, and sex	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over	Not stated
Human immunodeficiency virus infection causing other specified conditions (*043)	51	42	27	18	13	8	7	3	–	–	–	–
Male	44	34	26	15	13	6	6	3	–	–	–	–
Female	7	8	1	3	–	2	1	–	–	–	–	–
White	37	32	18	12	10	5	7	2	–	–	–	–
Male	34	28	18	11	10	5	6	2	–	–	–	–
Female	3	4	–	1	–	–	1	–	–	–	–	–
All other	14	10	9	6	3	3	–	1	–	–	–	–
Male	10	6	8	4	3	1	–	1	–	–	–	–
Female	4	4	1	2	–	2	–	–	–	–	–	–
Black	14	10	8	5	3	3	–	1	–	–	–	–
Male	10	6	7	3	3	1	–	1	–	–	–	–
Female	4	4	1	2	–	2	–	–	–	–	–	–
Causing lymphadenopathy (*043.0)	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–
Causing specified diseases of the central nervous system (*043.1)	19	18	13	5	2	4	4	1	–	–	–	–
Male	16	17	13	5	2	4	3	1	–	–	–	–
Female	3	1	–	–	–	–	1	–	–	–	–	–
White	14	15	9	4	1	3	4	1	–	–	–	–
Male	13	14	9	4	1	3	3	1	–	–	–	–
Female	1	1	–	–	–	–	1	–	–	–	–	–
All other	5	3	4	1	1	1	–	–	–	–	–	–
Male	3	3	4	1	1	1	–	–	–	–	–	–
Female	2	–	–	–	–	–	–	–	–	–	–	–
Black	5	3	3	1	1	1	–	–	–	–	–	–
Male	3	3	3	1	1	1	–	–	–	–	–	–
Female	2	–	–	–	–	–	–	–	–	–	–	–
Causing other disorders involving the immune mechanism (*043.2)	–	2	–	–	2	2	–	–	–	–	–	–
Male	–	2	–	–	2	1	–	–	–	–	–	–
Female	–	–	–	–	–	1	–	–	–	–	–	–
White	–	2	–	–	1	1	–	–	–	–	–	–
Male	–	2	–	–	1	1	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	1	1	–	–	–	–	–	–
Male	–	–	–	–	1	–	–	–	–	–	–	–
Female	–	–	–	–	–	1	–	–	–	–	–	–
Black	–	–	–	–	1	1	–	–	–	–	–	–
Male	–	–	–	–	1	–	–	–	–	–	–	–
Female	–	–	–	–	–	1	–	–	–	–	–	–
Causing other specified conditions (*043.3)	21	15	10	7	7	1	2	1	–	–	–	–
Male	20	10	9	6	7	1	2	1	–	–	–	–
Female	1	5	1	1	–	–	–	–	–	–	–	–
White	16	11	6	5	6	1	2	–	–	–	–	–
Male	15	8	6	5	6	1	2	–	–	–	–	–
Female	1	3	–	–	–	–	–	–	–	–	–	–
All other	5	4	4	2	1	–	–	1	–	–	–	–
Male	5	2	3	1	1	–	–	1	–	–	–	–
Female	–	2	1	1	–	–	–	–	–	–	–	–
Black	5	4	4	1	1	–	–	1	–	–	–	–
Male	5	2	3	–	1	–	–	1	–	–	–	–
Female	–	2	1	1	–	–	–	–	–	–	–	–
Acquired immunodeficiency syndrome-related complex, unspecified (*043.9)	11	7	4	6	2	1	1	1	–	–	–	–
Male	8	5	4	4	2	–	1	1	–	–	–	–
Female	3	2	–	2	–	1	–	–	–	–	–	–
White	7	4	3	3	2	–	1	1	–	–	–	–
Male	6	4	3	2	2	–	1	1	–	–	–	–
Female	1	–	–	1	–	–	–	–	–	–	–	–
All other	4	3	1	3	–	1	–	–	–	–	–	–
Male	2	1	1	2	–	–	–	–	–	–	–	–
Female	2	2	–	1	–	1	–	–	–	–	–	–
Black	4	3	1	3	–	1	–	–	–	–	–	–
Male	2	1	1	2	–	–	–	–	–	–	–	–
Female	2	2	–	1	–	1	–	–	–	–	–	–

Table 1-39. Deaths From Human Immunodeficiency Virus Infection and Detailed Subcategories, by 5-Year Age Groups, Race and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix]

Cause of death, race, and sex	All ages	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years
Other human immunodeficiency virus infection (*044)	664	12	1	3	1	–	17	7	1	–	12	73	130
Male	561	6	–	–	1	–	7	2	–	–	4	66	120
Female	103	6	1	3	–	–	10	5	1	–	8	7	10
White	358	1	–	1	–	–	2	1	1	–	5	40	79
Male	321	–	–	–	–	–	–	–	–	–	1	38	77
Female	37	1	–	1	–	–	2	1	1	–	4	2	2
All other	306	11	1	2	1	–	15	6	–	–	7	33	51
Male	240	6	–	–	1	–	7	2	–	–	3	28	43
Female	66	5	1	2	–	–	8	4	–	–	4	5	8
Black	304	11	1	2	1	–	15	6	–	–	7	33	50
Male	238	6	–	–	1	–	7	2	–	–	3	28	42
Female	66	5	1	2	–	–	8	4	–	–	4	5	8
Causing specified acute infections (*044.0)	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Human immunodeficiency virus infection, unspecified (*044.9)	664	12	1	3	1	–	17	7	1	–	12	73	130
Male	561	6	–	–	1	–	7	2	–	–	4	66	120
Female	103	6	1	3	–	–	10	5	1	–	8	7	10
White	358	1	–	1	–	–	2	1	1	–	5	40	79
Male	321	–	–	–	–	–	–	–	–	–	1	38	77
Female	37	1	–	1	–	–	2	1	1	–	4	2	2
All other	306	11	1	2	1	–	15	6	–	–	7	33	51
Male	240	6	–	–	1	–	7	2	–	–	3	28	43
Female	66	5	1	2	–	–	8	4	–	–	4	5	8
Black	304	11	1	2	1	–	15	6	–	–	7	33	50
Male	238	6	–	–	1	–	7	2	–	–	3	28	42
Female	66	5	1	2	–	–	8	4	–	–	4	5	8

Table 1-39. Deaths From Human Immunodeficiency Virus Infection and Detailed Subcategories, by 5-Year Age Groups, Race and Sex: United States, 1990—Con.

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[Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix]

Cause of death, race, and sex	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over	Not stated
Other human immunodeficiency virus infection (*044)	173	104	56	33	19	19	13	3	2	1	1	-
Male	140	89	51	31	17	16	12	2	2	1	1	-
Female	33	15	5	2	2	3	1	1	-	-	-	-
White	91	52	29	20	14	13	5	3	2	1	-	-
Male	78	48	25	20	12	12	5	2	2	1	-	-
Female	13	4	4	-	2	1	-	1	-	-	-	-
All other	82	52	27	13	5	6	8	-	-	-	1	-
Male	62	41	26	11	5	4	7	-	-	-	1	-
Female	20	11	1	2	-	2	1	-	-	-	-	-
Black	81	52	27	13	5	6	8	-	-	-	1	-
Male	61	41	26	11	5	4	7	-	-	-	1	-
Female	20	11	1	2	-	2	1	-	-	-	-	-
Causing specified acute infections (*044.0)	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-
White	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-
Human immunodeficiency virus infection, unspecified (*044.9)	173	104	56	33	19	19	13	3	2	1	1	-
Male	140	89	51	31	17	16	12	2	2	1	1	-
Female	33	15	5	2	2	3	1	1	-	-	-	-
White	91	52	29	20	14	13	5	3	2	1	-	-
Male	78	48	25	20	12	12	5	2	2	1	-	-
Female	13	4	4	-	2	1	-	1	-	-	-	-
All other	82	52	27	13	5	6	8	-	-	-	1	-
Male	62	41	26	11	5	4	7	-	-	-	1	-
Female	20	11	1	2	-	2	1	-	-	-	-	-
Black	81	52	27	13	5	6	8	-	-	-	1	-
Male	61	41	26	11	5	4	7	-	-	-	1	-
Female	20	11	1	2	-	2	1	-	-	-	-	-

Table 1-40. Death Rates by 10-Year Age Groups and Age-Adjusted Death Rates for Human Immunodeficiency Virus Infection and 3-Digit Subcategories, by Race and Sex: United States, 1990

[Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix. Rates per 100,000 population]

Cause of death, race, and sex	All ages [1]	Under 1 year [2]	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	Age-adjusted rate
Human immunodeficiency virus infection (*042-*044)	10.1	2.7	0.8	0.2	1.5	19.7	27.4	15.2	6.2	2.0	0.7	*	9.8
Male	18.5	2.4	0.8	0.3	2.2	34.5	50.2	29.1	12.0	3.7	1.1	*	17.7
Female	2.2	3.0	.8	.2	.7	4.9	5.2	1.9	1.1	.8	.4	*	2.1
White	8.3	1.0	.4	.1	1.0	15.7	22.4	13.2	5.1	1.7	.6	*	8.0
Male	15.8	*	*	*	1.7	28.8	42.5	25.8	10.0	3.1	1.0	*	15.0
Female	1.1	*	.5	*	.4	2.4	2.3	1.0	.7	.6	*	*	1.1
All other	19.8	9.3	2.6	.8	3.3	39.1	55.1	27.7	14.0	5.1	*	*	19.7
Male	32.9	7.2	2.8	.9	4.4	64.0	95.4	51.2	27.2	8.9	*	*	33.6
Female	7.9	11.4	2.3	.8	2.1	16.3	20.0	7.5	3.6	2.4	*	*	7.6
Black	25.4	11.9	3.3	1.0	4.2	51.0	73.1	35.9	17.5	6.0	*	*	25.7
Male	42.3	9.3	3.6	1.1	5.7	84.1	127.1	67.1	34.5	10.6	*	*	44.2
Female	10.2	14.6	3.0	.9	2.7	21.4	26.6	10.0	4.4	2.8	*	*	9.9
Human immunodeficiency virus infection with specified conditions (*042)	9.8	2.4	.8	.2	1.4	19.1	26.4	14.7	5.9	1.9	.6	*	9.5
Male	17.8	2.0	.8	.2	2.1	33.4	48.5	28.1	11.4	3.4	1.0	*	17.1
Female	2.1	2.7	.8	.2	.7	4.8	4.9	1.8	1.0	.8	.4	*	2.1
White	8.0	.9	.4	.1	1.0	15.3	21.7	12.8	4.9	1.6	.5	*	7.7
Male	15.3	*	*	*	1.6	27.9	41.3	25.1	9.5	2.9	.9	*	14.5
Female	1.0	*	.4	*	.4	2.3	2.1	.9	.7	.6	*	*	1.0
All other	18.9	7.8	2.4	.7	3.1	37.7	52.4	26.1	13.3	4.6	*	*	18.8
Male	31.4	5.5	2.8	.8	4.3	61.6	91.0	48.1	26.1	7.8	*	*	32.0
Female	7.5	10.1	2.0	.6	2.0	15.9	18.7	7.2	3.4	2.3	*	*	7.2
Black	24.1	10.0	3.1	.9	4.0	49.1	69.4	33.9	16.7	5.4	*	*	24.5
Male	40.3	7.1	3.5	1.0	5.5	80.8	121.0	63.1	33.0	9.3	*	*	42.0
Female	9.6	13.0	2.6	.8	2.6	20.9	24.9	9.5	4.1	2.7	*	*	9.4
Human immunodeficiency virus infection causing other specified conditions (*043)	.1	*	*	*	*	.1	.2	.2	.1	*	*	*	.1
Male	.2	*	*	*	*	.2	.4	.3	*	*	*	*	.1
Female	.0	*	*	*	*	*	*	*	*	*	*	*	.0
White	.1	*	*	*	*	.1	.2	.1	*	*	*	*	.1
Male	.1	*	*	*	*	.2	.4	.3	*	*	*	*	.1
Female	*	*	*	*	*	*	*	*	*	*	*	*	*
All other	.2	*	*	*	*	*	.4	*	*	*	*	*	.2
Male	.3	*	*	*	*	*	*	*	*	*	*	*	.3
Female	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	.2	*	*	*	*	*	.6	*	*	*	*	*	.2
Male	.3	*	*	*	*	*	*	*	*	*	*	*	.4
Female	*	*	*	*	*	*	*	*	*	*	*	*	*
Other human immunodeficiency virus infection (*044)	.3	*	*	*	*	.5	.7	.4	.2	*	*	*	.3
Male	.5	*	*	*	*	.9	1.2	.7	.3	*	*	*	.4
Female	.1	*	*	*	*	*	.3	*	*	*	*	*	.1
White	.2	*	*	*	*	.3	.5	.2	.1	*	*	*	.1
Male	.3	*	*	*	*	.6	.8	.4	.3	*	*	*	.3
Female	.0	*	*	*	*	*	*	*	*	*	*	*	.0
All other	.8	*	*	*	*	1.1	2.3	1.1	*	*	*	*	.7
Male	1.3	*	*	*	*	2.0	3.8	2.3	*	*	*	*	1.3
Female	.3	*	*	*	*	*	1.0	*	*	*	*	*	.3
Black	1.0	*	*	*	*	1.5	3.1	1.5	*	*	*	*	1.0
Male	1.7	*	*	*	*	2.7	5.2	3.1	*	*	*	*	1.7
Female	.4	*	*	*	*	*	1.4	*	*	*	*	*	.4

[1] Figures for age not stated included in "Total" but not distributed among age groups.
[2] Death rates under 1 year (based on population counts or estimates) differ from infant mortality rates (based on live births); see Technical Appendix.

Table 1-41. Deaths and Death Rates for Human Immunodeficiency Virus Infection: United States and Each State, 1990

[Human immunodeficiency virus infection deaths are those assigned to category numbers °042-°044 introduced in the United States in 1987; see Technical Appendix. Rates per 100,000 population in each area]

Area	Number	Rate	Area	Number	Rate
United States	25,188	10.1			
Alabama	160	4.0	Missouri	285	5.6
Alaska	11	*	Montana	9	*
Arizona	227	6.2	Nebraska	31	2.0
Arkansas	66	2.8	Nevada	82	6.8
California	5,052	17.0	New Hampshire	28	2.5
Colorado	314	9.5	New Jersey	1,574	20.4
Connecticut	279	8.5	New Mexico	72	4.8
Delaware	52	7.8	New York	5,034	28.0
District of Columbia	410	67.6	North Carolina	360	5.4
Florida	2,247	17.4	North Dakota	6	*
Georgia	813	12.5	Ohio	443	4.1
Hawaii	73	6.6	Oklahoma	116	3.7
Idaho	17	*	Oregon	172	6.1
Illinois	781	6.8	Pennsylvania	758	6.4
Indiana	175	3.2	Rhode Island	61	6.1
Iowa	38	1.4	South Carolina	253	7.3
Kansas	85	3.4	South Dakota	2	*
Kentucky	95	2.6	Tennessee	199	4.1
Louisiana	352	8.3	Texas	1,852	10.9
Maine	37	3.0	Utah	45	2.6
Maryland	498	10.4	Vermont	18	*
Massachusetts	448	7.4	Virginia	386	6.2
Michigan	377	4.1	Washington	339	7.0
Minnesota	165	3.8	West Virginia	47	2.6
Mississippi	121	4.7	Wisconsin	120	2.5
			Wyoming	3	*

Table 1-42. Deaths from Human Immunodeficiency Virus Infection, by 10-Year Age Groups, Race, and Sex: United States and Each State, 1990

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[Human immunodeficiency virus infection deaths are those assigned to category numbers *042-*044 introduced in the United States in 1987; see Technical Appendix]

Area and race	Male												Female											
	Total	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	Total	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
United States	22,386	48	62	45	412	7,433	9,284	3,565	1,191	289	42	4	2,802	58	61	39	129	1,050	981	247	123	80	24	8
White	16,106	18	19	15	256	5,196	6,716	2,742	880	220	35	1	1,149	12	27	13	56	423	364	106	70	54	17	7
All other	6,280	30	43	30	156	2,237	2,568	823	311	69	7	3	1,653	46	34	26	73	627	617	141	53	26	7	1
Black	6,097	30	42	29	153	2,180	2,493	789	303	65	7	3	1,633	46	34	25	73	622	607	141	50	25	7	1
Alabama	154	1	1	–	4	57	60	20	9	2	–	–	6	–	–	–	–	4	–	1	–	1	–	–
White	84	–	–	–	–	32	34	14	3	1	–	–	1	–	–	–	–	–	–	1	–	–	–	–
All other	70	1	1	–	4	25	26	6	6	1	–	–	5	–	–	–	–	4	–	–	–	1	–	–
Black	70	1	1	–	4	25	26	6	6	1	–	–	5	–	–	–	–	4	–	–	–	1	–	–
Alaska	11	–	1	–	–	3	4	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	7	–	–	–	–	1	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	4	–	1	–	–	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	2	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arizona	215	–	1	–	5	70	93	36	9	1	–	–	12	–	–	–	2	3	5	2	–	–	–	–
White	202	–	–	–	5	66	88	34	8	1	–	–	12	–	–	–	2	3	5	2	–	–	–	–
All other	13	–	1	–	–	4	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	11	–	1	–	–	2	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arkansas	59	–	–	–	3	31	20	5	–	–	–	–	7	1	1	–	–	2	3	–	–	–	–	–
White	41	–	–	–	1	22	15	3	–	–	–	–	1	–	–	–	–	–	1	–	–	–	–	–
All other	18	–	–	–	2	9	5	2	–	–	–	–	6	1	1	–	–	2	2	–	–	–	–	–
Black	18	–	–	–	2	9	5	2	–	–	–	–	6	1	1	–	–	2	2	–	–	–	–	–
California	4,843	4	2	6	66	1,452	2,008	910	308	66	14	–	209	4	6	1	4	74	56	24	19	13	7	–
White	4,186	3	1	3	49	1,219	1,762	793	275	60	14	–	143	2	5	1	3	50	35	17	11	13	6	–
All other	657	1	1	3	17	233	246	117	33	6	–	–	66	2	1	–	1	24	21	7	8	–	1	–
Black	558	1	–	3	17	198	212	98	26	3	–	–	60	2	1	–	1	23	18	7	6	–	1	–
Colorado	298	–	–	–	6	109	118	48	13	4	–	–	16	–	–	–	–	4	5	3	2	2	–	–
White	282	–	–	–	6	101	115	45	12	3	–	–	12	–	–	–	–	2	3	3	2	2	–	–
All other	16	–	–	–	–	8	3	3	1	1	–	–	4	–	–	–	–	2	2	–	–	–	–	–
Black	15	–	–	–	–	8	3	2	1	1	–	–	4	–	–	–	–	2	2	–	–	–	–	–
Connecticut	224	–	2	–	4	76	87	36	14	5	–	–	55	–	–	1	1	25	20	5	2	1	–	–
White	147	–	1	–	3	49	49	31	10	4	–	–	22	–	–	–	1	10	7	2	1	1	–	–
All other	77	–	1	–	1	27	38	5	4	1	–	–	33	–	–	1	–	15	13	3	1	–	–	–
Black	75	–	1	–	1	27	36	5	4	1	–	–	31	–	–	1	–	14	12	3	1	–	–	–
Delaware	48	–	1	–	1	20	10	9	5	2	–	–	4	–	–	–	–	2	2	–	–	–	–	–
White	29	–	–	–	1	9	6	6	5	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	19	–	1	–	–	11	4	3	–	–	–	–	4	–	–	–	–	2	2	–	–	–	–	–
Black	19	–	1	–	–	11	4	3	–	–	–	–	4	–	–	–	–	2	2	–	–	–	–	–
District of Columbia	362	–	1	–	12	126	149	56	11	4	1	–	48	–	1	–	2	19	11	9	3	–	1	1
White	129	–	–	–	1	39	60	23	4	1	1	–	3	–	–	–	–	1	1	1	–	–	–	–
All other	233	–	1	–	11	87	89	33	7	3	–	–	45	–	1	–	2	18	10	8	3	–	1	1
Black	232	–	1	–	11	86	89	33	7	3	–	–	45	–	1	–	2	18	10	8	3	–	1	1
Florida	1,888	12	15	3	22	626	790	276	107	31	5	–	359	9	8	4	31	145	114	28	12	6	1	1
White	1,262	–	1	1	14	407	538	203	73	22	2	–	95	2	1	–	5	41	25	7	8	4	1	1
All other	626	12	14	2	8	219	252	73	34	9	3	–	264	7	7	4	26	104	89	21	4	2	–	–
Black	621	12	14	2	8	217	250	72	34	9	3	–	264	7	7	4	26	104	89	21	4	2	–	–
Georgia	730	1	1	–	26	279	296	94	27	5	–	–	83	2	–	–	4	31	30	9	3	1	2	1
White	396	1	–	–	8	134	172	65	15	1	–	–	13	–	–	–	–	4	7	–	–	–	1	1
All other	334	–	1	–	18	145	124	29	12	4	–	–	70	2	–	–	4	27	23	9	3	1	1	–
Black	334	–	1	–	18	145	124	29	12	4	–	–	70	2	–	–	4	27	23	9	3	1	1	–
Hawaii	73	–	–	–	1	16	37	15	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	53	–	–	–	1	12	25	13	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	20	–	–	–	–	4	12	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	6	–	–	–	–	–	3	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Idaho	14	–	–	–	–	4	5	3	2	–	–	–	3	–	–	–	–	–	1	–	1	–	1	–
White	14	–	–	–	–	4	5	3	2	–	–	–	2	–	–	–	–	–	–	–	1	–	1	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	1	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Illinois	719	–	1	–	14	268	266	117	42	11	–	–	62	1	–	1	5	23	21	5	4	1	1	–
White	462	–	–	–	6	161	166	90	29	10	–	–	31	–	–	1	4	10	8	3	4	–	1	–
All other	257	–	1	–	8	107	100	27	13	1	–	–	31	1	–	–	1	13	13	2	–	1	–	–
Black	255	–	1	–	8	106	99	27	13	1	–	–	31	1	–	–	1	13	13	2	–	1	–	–
Indiana	168	–	–	1	1	60	69	30	4	3	–	–	7	–	1	–	–	3	2	1	–	–	–	–
White	137	–	–	1	1	48	52	29	3	3	–	–	6	–	1	–	–	2	2	1	–	–	–	–
All other	31	–	–	–	–	12	17	1	1	–	–	–	1	–	–	–	–	1	–	–	–	–	–	–
Black	31	–	–	–	–	12	17	1	1	–	–	–	1	–	–	–	–	1	–	–	–	–	–	–
Iowa	37	–	–	–	–	16	16	4	–	1	–	–	1	–	–	–	–	–	–	–	1	–	–	–
White	37	–	–	–	–	16	16	4	–	1	–	–	1	–	–	–	–	–	–	–	1	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kansas	79	–	–	–	1	36	32	5	4	1	–	–	6	–	–	–	–	3	2	1	–	–	–	–
White	74	–	–	–	1	33	30	5	4	1	–	–	3	–	–	–	–	1	1	1	–	–	–	–
All other	5	–	–	–	–	3	2	–	–	–	–	–	3	–	–	–	–	2	1	–	–	–	–	–
Black	5	–	–	–	–	3	2	–	–	–	–	–	3	–	–	–	–	2	1	–	–	–	–	–
Kentucky	90	–	–	–	1	43	26	14	3	1	2	–	5	–	–	–	1	1	1	–	1	1	–	–
White	74	–	–	–	1	39	19	9	3	1	2	–	5	–	–	–	1	1	1	–	1	1	–	–
All other	16	–	–	–	–	4	7	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	16	–	–	–	–	4	7	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Louisiana	322	–	1	1	12	123	125	39	14	6	1	–	30	5	–	1	3	6	7	5	–	2	1	–
White	220	–	–	1	5	72	94	30	11	6	1	–	5	–	–	–	–	1	–	2	–	2	–	–
All other	102	–	1	–	7	51	31	9	3	–	–	–	25	5	–	1	3	5	7	3	–	–	1	–
Black	102	–	1	–	7	51	31	9	3	–	–	–	25	5	–	1	3	5	7	3	–	–	1	–

Table 1-42. Deaths from Human Immunodeficiency Virus Infection, by 10-Year Age Groups, Race, and Sex: United States and Each State, 1990—Con.

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[Human immunodeficiency virus infection deaths are those assigned to category numbers *042-*044 introduced in the United States in 1987; see Technical Appendix]

Area and race	Male												Female											
	Total	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	Total	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
Maine	36	-	-	-	-	12	13	6	5	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
White	34	-	-	-	-	11	12	6	5	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
All other	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	411	1	1	1	9	142	157	64	27	7	2	-	87	1	1	1	5	33	28	9	3	6	-	-
White	166	-	-	-	2	43	71	35	13	1	1	-	17	-	1	1	2	3	-	4	1	5	-	-
All other	245	1	1	1	7	99	86	29	14	6	1	-	70	1	-	-	3	30	28	5	2	1	-	-
Black	245	1	1	1	7	99	86	29	14	6	1	-	70	1	-	-	3	30	28	5	2	1	-	-
Massachusetts	392	-	1	-	3	119	181	68	17	3	-	-	56	1	-	1	1	28	17	7	1	-	-	-
White	322	-	-	-	2	103	143	58	14	2	-	-	28	1	-	1	1	15	7	2	1	-	-	-
All other	70	-	1	-	1	16	38	10	3	1	-	-	28	-	-	-	-	13	10	5	-	-	-	-
Black	70	-	1	-	1	16	38	10	3	1	-	-	28	-	-	-	-	13	10	5	-	-	-	-
Michigan	329	1	1	2	9	119	134	40	18	5	-	-	48	2	1	2	1	7	25	5	2	2	1	-
White	186	-	-	-	7	70	76	21	8	4	-	-	14	1	-	1	1	2	5	2	1	1	-	-
All other	143	1	1	2	2	49	58	19	10	1	-	-	34	1	1	1	-	5	20	3	1	1	1	-
Black	143	1	1	2	2	49	58	19	10	1	-	-	34	1	1	1	-	5	20	3	1	1	1	-
Minnesota	159	-	-	-	5	54	75	17	6	2	-	-	6	-	-	-	-	2	2	-	1	-	1	-
White	143	-	-	-	4	48	67	16	6	2	-	-	5	-	-	-	-	1	2	-	1	-	1	-
All other	16	-	-	-	1	6	8	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
Black	15	-	-	-	1	6	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi	107	-	-	-	2	54	31	8	9	2	1	-	14	1	4	-	-	3	2	-	2	2	-	-
White	58	-	-	-	1	27	18	4	6	1	1	-	2	-	-	-	-	-	-	-	1	1	-	-
All other	49	-	-	-	1	27	13	4	3	1	-	-	12	1	4	-	-	3	2	-	1	1	-	-
Black	49	-	-	-	1	27	13	4	3	1	-	-	12	1	4	-	-	3	2	-	1	1	-	-
Missouri	268	-	-	-	6	95	106	44	14	2	1	-	17	1	-	-	1	5	2	1	1	4	1	1
White	204	-	-	-	3	66	85	37	11	2	-	-	10	-	-	-	1	2	1	-	1	3	1	1
All other	64	-	-	-	3	29	21	7	3	-	1	-	7	1	-	-	-	3	1	1	-	1	-	-
Black	64	-	-	-	3	29	21	7	3	-	1	-	7	1	-	-	-	3	1	1	-	1	-	-
Montana	9	-	-	-	-	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White	9	-	-	-	-	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	29	-	-	-	2	12	9	5	-	1	-	-	2	-	1	-	-	1	-	-	-	-	-	-
White	26	-	-	-	2	10	8	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other	3	-	-	-	-	2	1	-	-	-	-	-	2	-	1	-	-	1	-	-	-	-	-	-
Black	3	-	-	-	-	2	1	-	-	-	-	-	2	-	1	-	-	1	-	-	-	-	-	-
Nevada	76	-	-	-	2	26	24	17	4	3	-	-	6	-	-	-	-	2	2	2	-	-	-	-
White	68	-	-	-	2	23	21	16	4	2	-	-	4	-	-	-	-	1	2	1	-	-	-	-
All other	8	-	-	-	-	3	3	1	-	1	-	-	2	-	-	-	-	1	-	1	-	-	-	-
Black	8	-	-	-	-	3	3	1	-	1	-	-	1	-	-	-	-	-	-	1	-	-	-	-
New Hampshire	27	-	1	-	2	6	11	5	1	1	-	-	1	-	-	-	-	-	-	1	-	-	-	-
White	27	-	1	-	2	6	11	5	1	1	-	-	1	-	-	-	-	-	-	1	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	1,184	3	4	3	20	380	543	151	65	14	1	-	390	6	11	8	15	149	160	20	15	6	-	-
White	567	1	1	-	8	192	234	81	39	10	1	-	111	-	4	4	5	42	41	5	7	3	-	-
All other	617	2	3	3	12	188	309	70	26	4	-	-	279	6	7	4	10	107	119	15	8	3	-	-
Black	598	2	3	3	11	182	299	69	26	3	-	-	275	6	7	3	10	107	116	15	8	3	-	-
New Mexico	70	-	-	-	-	28	30	7	4	1	-	-	2	-	-	-	-	1	1	-	-	-	-	-
White	67	-	-	-	-	27	30	7	2	1	-	-	2	-	-	-	-	1	1	-	-	-	-	-
All other	3	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	3	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New York	4,146	17	22	15	56	1,122	1,879	737	241	48	6	3	888	18	21	14	29	327	354	77	32	14	1	1
White	2,761	10	10	5	37	753	1,238	513	159	30	6	-	421	5	12	4	14	164	158	41	16	6	-	1
All other	1,385	7	12	10	19	369	641	224	82	18	-	3	467	13	9	10	15	163	196	36	16	8	1	-
Black	1,369	7	12	10	19	367	632	220	81	18	-	3	465	13	9	10	15	163	195	36	15	8	1	-
North Carolina	304	1	-	1	10	121	114	44	7	5	1	-	56	1	2	1	3	19	21	7	2	-	-	-
White	146	1	-	-	4	58	55	19	6	2	1	-	7	-	-	-	-	2	3	1	1	-	-	-
All other	158	-	-	1	6	63	59	25	1	3	-	-	49	1	2	1	3	17	18	6	1	-	-	-
Black	154	-	-	1	4	62	59	24	1	3	-	-	49	1	2	1	3	17	18	6	1	-	-	-
North Dakota	6	-	-	-	1	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White	5	-	-	-	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	414	1	2	1	10	154	159	58	23	5	1	-	29	1	-	1	2	11	4	5	3	1	-	1
White	317	-	1	-	10	112	128	42	20	3	1	-	13	-	-	-	2	4	2	-	3	1	-	1
All other	97	1	1	1	-	42	31	16	3	2	-	-	16	1	-	1	-	7	2	5	-	-	-	-
Black	96	1	1	1	-	42	31	15	3	2	-	-	16	1	-	1	-	7	2	5	-	-	-	-
Oklahoma	107	-	-	-	4	41	45	10	6	1	-	-	9	1	-	-	1	5	2	-	-	-	-	-
White	97	-	-	-	3	36	41	10	6	1	-	-	7	-	-	-	1	4	2	-	-	-	-	-
All other	10	-	-	-	1	5	4	-	-	-	-	-	2	1	-	-	-	1	-	-	-	-	-	-
Black	10	-	-	-	1	5	4	-	-	-	-	-	2	1	-	-	-	1	-	-	-	-	-	-
Oregon	162	-	-	-	1	47	76	27	10	-	1	-	10	-	-	-	-	4	2	1	1	2	-	-
White	154	-	-	-	1	45	72	26	9	-	1	-	10	-	-	-	-	4	2	1	1	2	-	-
All other	8	-	-	-	-	2	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	7	-	-	-	-	2	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-42. Deaths from Human Immunodeficiency Virus Infection, by 10-Year Age Groups, Race, and Sex: United States and Each State, 1990—Con.

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[Human immunodeficiency virus infection deaths are those assigned to category numbers *042-*044 introduced in the United States in 1987; see Technical Appendix]

Area and race	Male												Female											
	Total	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	Total	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
Pennsylvania	690	2	1	3	14	240	271	105	43	11	-	-	68	1	-	-	5	32	12	6	6	3	3	-
White	453	1	1	1	7	150	185	77	22	9	-	-	35	-	-	-	3	17	6	2	4	1	2	-
All other	237	1	-	2	7	90	86	28	21	2	-	-	33	1	-	-	2	15	6	4	2	2	1	-
Black	235	1	-	2	7	90	85	27	21	2	-	-	33	1	-	-	2	15	6	4	2	2	1	-
Rhode Island	56	-	-	-	1	27	21	5	2	-	-	-	5	-	-	-	1	2	2	-	-	-	-	-
White	41	-	-	-	-	17	19	4	1	-	-	-	4	-	-	-	1	2	1	-	-	-	-	-
All other	15	-	-	-	1	10	2	1	1	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-
Black	14	-	-	-	1	9	2	1	1	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-
South Carolina	219	-	-	1	3	101	79	25	9	1	-	-	34	1	-	2	4	11	10	3	1	2	-	-
White	83	-	-	1	-	46	21	12	2	1	-	-	7	-	-	-	2	1	2	1	-	1	-	-
All other	136	-	-	-	3	55	58	13	7	-	-	-	27	1	-	2	2	10	8	2	1	1	-	-
Black	136	-	-	-	3	55	58	13	7	-	-	-	27	1	-	2	2	10	8	2	1	1	-	-
South Dakota	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	186	2	-	2	6	78	62	28	6	2	-	-	13	-	-	-	1	6	5	1	-	-	-	-
White	139	-	-	1	5	60	44	25	3	1	-	-	6	-	-	-	1	2	2	1	-	-	-	-
All other	47	2	-	1	1	18	18	3	3	1	-	-	7	-	-	-	-	4	3	-	-	-	-	-
Black	47	2	-	1	1	18	18	3	3	1	-	-	7	-	-	-	-	4	3	-	-	-	-	-
Texas	1,775	2	2	5	53	719	682	236	57	18	-	1	77	-	-	1	3	28	29	4	4	6	1	1
White	1,486	1	2	1	42	591	579	205	48	16	-	1	43	-	-	-	3	14	17	1	2	4	1	1
All other	289	1	-	4	11	128	103	31	9	2	-	-	34	-	-	1	-	14	12	3	2	2	-	-
Black	285	1	-	3	11	127	102	30	9	2	-	-	33	-	-	1	-	14	12	3	2	1	-	-
Utah	41	-	-	-	-	11	17	8	3	1	1	-	4	-	1	-	-	1	1	-	-	1	-	-
White	39	-	-	-	-	10	16	8	3	1	1	-	3	-	1	-	-	-	1	-	-	1	-	-
All other	2	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
Black	2	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
Vermont	15	-	-	-	-	5	6	4	-	-	-	-	3	-	1	-	-	1	1	-	-	-	-	-
White	15	-	-	-	-	5	6	4	-	-	-	-	3	-	1	-	-	1	1	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	352	-	-	-	9	135	132	60	11	3	2	-	34	-	-	-	2	12	14	4	1	-	1	-
White	219	-	-	-	6	75	86	41	8	3	-	-	16	-	-	-	1	3	8	2	1	-	1	-
All other	133	-	-	-	3	60	46	19	3	-	2	-	18	-	-	-	1	9	6	2	-	-	-	-
Black	132	-	-	-	3	60	46	18	3	-	2	-	17	-	-	-	1	8	6	2	-	-	-	-
Washington	321	-	-	-	2	104	154	34	19	7	1	-	18	-	1	-	1	10	2	1	-	2	1	-
White	295	-	-	-	2	91	143	34	18	6	1	-	14	-	1	-	1	8	1	1	-	1	1	-
All other	26	-	-	-	-	13	11	-	1	1	-	-	4	-	-	-	-	2	1	-	-	1	-	-
Black	22	-	-	-	-	13	7	-	1	1	-	-	3	-	-	-	-	2	-	-	-	1	-	-
West Virginia	41	-	-	-	1	20	13	6	1	-	-	-	6	1	-	-	1	2	1	-	-	1	-	-
White	38	-	-	-	1	19	12	5	1	-	-	-	5	1	-	-	1	1	1	-	-	1	-	-
All other	3	-	-	-	-	1	1	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
Black	3	-	-	-	-	1	1	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
Wisconsin	116	-	-	-	2	37	44	24	5	3	1	-	4	-	-	-	-	1	2	-	-	-	-	1
White	101	-	-	-	1	29	41	22	4	3	1	-	4	-	-	-	-	1	2	-	-	-	-	1
All other	15	-	-	-	1	8	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	14	-	-	-	1	8	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	2	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
White	2	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1-43. Deaths From Human Immunodeficiency Virus Infection and 3-Digit Subcategories, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990

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[Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix. For a listing of reporting States see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Human immunodeficiency virus infection (*042-*044)	20,181	73	83	56	442	6,995	8,076	3,015	1,057	301	61	9	13
Male	18,249	35	38	31	341	6,267	7,440	2,847	961	237	39	2	11
Female	1,932	38	45	25	101	728	636	168	96	64	22	7	2
Hispanic	2,099	6	6	7	62	836	805	257	94	21	3	-	2
Male	1,924	5	1	2	56	755	752	243	90	15	3	-	2
Female	175	1	5	5	6	81	53	14	4	6	-	-	-
Mexican	875	1	1	2	36	361	307	108	43	12	2	-	2
Male	836	1	-	2	35	346	295	104	42	7	2	-	2
Female	39	-	1	-	1	15	12	4	1	5	-	-	-
Puerto Rican	419	2	2	4	12	179	172	34	11	3	-	-	-
Male	335	1	-	-	8	145	143	25	10	3	-	-	-
Female	84	1	2	4	4	34	29	9	1	-	-	-	-
Cuban	276	-	-	-	-	90	119	48	15	3	1	-	-
Male	266	-	-	-	-	83	117	46	14	3	1	-	-
Female	10	-	-	-	-	7	2	-	1	-	-	-	-
Central and South American	226	1	1	1	5	92	86	28	11	1	-	-	-
Male	211	1	-	-	5	82	84	28	11	-	-	-	-
Female	15	-	1	1	-	10	2	-	-	1	-	-	-
Other and unknown Hispanic	303	2	2	-	9	114	121	39	14	2	-	-	-
Male	276	2	1	-	8	99	113	38	13	2	-	-	-
Female	27	-	1	-	1	15	8	1	1	-	-	-	-
Non-Hispanic [1]	17,904	67	77	49	373	6,106	7,207	2,722	951	279	57	9	7
Male	16,163	30	37	29	280	5,467	6,627	2,570	859	221	35	2	6
Female	1,741	37	40	20	93	639	580	152	92	58	22	7	1
White	12,018	13	20	13	193	3,874	4,922	2,031	686	209	46	7	4
Male	11,422	6	7	8	154	3,683	4,751	1,978	631	170	29	1	4
Female	596	7	13	5	39	191	171	53	55	39	17	6	-
Black	5,728	54	56	34	178	2,180	2,226	663	256	65	11	2	3
Male	4,595	24	29	20	124	1,735	1,822	564	221	47	6	1	2
Female	1,133	30	27	14	54	445	404	99	35	18	5	1	1
Not stated [2]	178	-	-	-	7	53	64	36	12	1	1	-	4
Male	162	-	-	-	5	45	61	34	12	1	1	-	3
Female	16	-	-	-	2	8	3	2	-	-	-	-	1
Human immunodeficiency virus infection with specified conditions (*042)	19,438	62	79	51	425	6,775	7,785	2,899	1,004	279	58	8	13
Male	17,601	28	37	30	330	6,066	7,194	2,737	913	218	36	1	11
Female	1,837	34	42	21	95	709	591	162	91	61	22	7	2
Hispanic	2,044	6	6	6	61	816	786	249	90	19	3	-	2
Male	1,876	5	1	2	56	737	734	235	86	14	3	-	2
Female	168	1	5	4	5	79	52	13	4	5	-	-	-
Mexican	863	1	1	2	36	359	302	105	41	12	2	-	2
Male	824	1	-	2	35	344	290	101	40	7	2	-	2
Female	39	-	1	-	1	15	12	4	1	5	-	-	-
Puerto Rican	400	2	2	4	11	172	165	30	11	3	-	-	-
Male	320	1	-	-	8	139	137	22	10	3	-	-	-
Female	80	1	2	4	3	33	28	8	1	-	-	-	-
Cuban	264	-	-	-	-	86	114	47	14	2	1	-	-
Male	255	-	-	-	-	80	112	47	13	2	1	-	-
Female	9	-	-	-	-	6	2	-	1	-	-	-	-
Central and South American	221	1	1	-	5	89	86	28	11	-	-	-	-
Male	208	1	-	-	5	79	84	28	11	-	-	-	-
Female	13	-	1	-	-	10	2	-	-	-	-	-	-
Other and unknown Hispanic	296	2	2	-	9	110	119	39	13	2	-	-	-
Male	269	2	1	-	8	95	111	38	12	2	-	-	-
Female	27	-	1	-	1	15	8	1	1	-	-	-	-
Non-Hispanic [1]	17,220	56	73	45	357	5,908	6,936	2,615	902	259	54	8	7
Male	15,567	23	36	28	269	5,286	6,400	2,468	815	203	32	1	6
Female	1,653	33	37	17	88	622	536	147	87	56	22	7	1
White	11,636	12	19	12	186	3,763	4,776	1,969	650	195	43	7	4
Male	11,065	6	7	8	149	3,574	4,618	1,918	597	157	26	1	4
Female	571	6	12	4	37	189	158	51	53	38	17	6	-
Black	5,429	44	53	31	169	2,094	2,101	620	243	59	11	1	3
Male	4,359	17	28	19	118	1,664	1,728	524	211	42	6	-	2
Female	1,070	27	25	12	51	430	373	96	32	17	5	1	1
Not stated [2]	174	-	-	-	7	51	63	35	12	1	1	-	4
Male	158	-	-	-	5	43	60	33	12	1	1	-	3
Female	16	-	-	-	2	8	3	2	-	-	-	-	1

Table 1-43. Deaths From Human Immunodeficiency Virus Infection and 3-Digit Subcategories, by Specified Hispanic Origin, Race for Non-Hispanic Origin, 10-Year Age Groups, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix. For a listing of reporting States see Technical Appendix]

Cause of death, Hispanic origin, race for non-Hispanic origin, and sex	Total	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	Not stated
Human immunodeficiency virus infection causing other specified conditions (*043)	211	1	–	1	8	49	81	41	21	9	–	–	–
Male	188	1	–	–	8	44	70	38	19	8	–	–	–
Female	23	–	–	1	–	5	11	3	2	1	–	–	–
Hispanic	18	–	–	1	–	6	6	3	1	1	–	–	–
Male	15	–	–	–	–	5	6	3	1	–	–	–	–
Female	3	–	–	1	–	1	–	–	–	1	–	–	–
Mexican	6	–	–	–	–	2	2	1	1	–	–	–	–
Male	6	–	–	–	–	2	2	1	1	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Puerto Rican	4	–	–	–	–	1	1	2	–	–	–	–	–
Male	3	–	–	–	–	–	1	2	–	–	–	–	–
Female	1	–	–	–	–	1	–	–	–	–	–	–	–
Cuban	2	–	–	–	–	–	2	–	–	–	–	–	–
Male	2	–	–	–	–	–	2	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Central and South American	3	–	–	1	–	1	–	–	–	1	–	–	–
Male	1	–	–	–	–	1	–	–	–	–	–	–	–
Female	2	–	–	1	–	–	–	–	–	1	–	–	–
Other and unknown Hispanic	3	–	–	–	–	2	1	–	–	–	–	–	–
Male	3	–	–	–	–	2	1	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Hispanic [1]	191	1	–	–	8	42	75	37	20	8	–	–	–
Male	171	1	–	–	8	38	64	34	18	8	–	–	–
Female	20	–	–	–	–	4	11	3	2	–	–	–	–
White	132	–	–	–	5	25	55	26	14	7	–	–	–
Male	126	–	–	–	5	24	51	25	14	7	–	–	–
Female	6	–	–	–	–	1	4	1	–	–	–	–	–
Black	57	1	–	–	3	17	20	9	6	1	–	–	–
Male	43	1	–	–	3	14	13	7	4	1	–	–	–
Female	14	–	–	–	–	3	7	2	2	–	–	–	–
Not stated [2]	2	–	–	–	–	1	–	1	–	–	–	–	–
Male	2	–	–	–	–	1	–	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Other human immunodeficiency virus infection (*044)	532	10	4	4	9	171	210	75	32	13	3	1	–
Male	460	6	1	1	3	157	176	72	29	11	3	1	–
Female	72	4	3	3	6	14	34	3	3	2	–	–	–
Hispanic	37	–	–	–	1	14	13	5	3	1	–	–	–
Male	33	–	–	–	–	13	12	4	3	1	–	–	–
Female	4	–	–	–	1	1	1	1	–	–	–	–	–
Mexican	6	–	–	–	–	–	3	2	1	–	–	–	–
Male	6	–	–	–	–	–	3	2	1	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Puerto Rican	15	–	–	–	1	6	6	2	–	–	–	–	–
Male	12	–	–	–	–	6	5	1	–	–	–	–	–
Female	3	–	–	–	1	–	1	1	–	–	–	–	–
Cuban	10	–	–	–	–	4	3	1	1	1	–	–	–
Male	9	–	–	–	–	3	3	1	1	1	–	–	–
Female	1	–	–	–	–	1	–	–	–	–	–	–	–
Central and South American	2	–	–	–	–	2	–	–	–	–	–	–	–
Male	2	–	–	–	–	2	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Other and unknown Hispanic	4	–	–	–	–	2	1	–	1	–	–	–	–
Male	4	–	–	–	–	2	1	–	1	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Hispanic [1]	493	10	4	4	8	156	196	70	29	12	3	1	–
Male	425	6	1	1	3	143	163	68	26	10	3	1	–
Female	68	4	3	3	5	13	33	2	3	2	–	–	–
White	250	1	1	1	2	86	91	36	22	7	3	–	–
Male	231	–	–	–	–	85	82	35	20	6	3	–	–
Female	19	1	1	1	2	1	9	1	2	1	–	–	–
Black	242	9	3	3	6	69	105	34	7	5	–	1	–
Male	193	6	1	1	3	57	81	33	6	4	–	1	–
Female	49	3	2	2	3	12	24	1	1	1	–	–	–
Not stated [2]	2	–	–	–	–	1	1	–	–	–	–	–	–
Male	2	–	–	–	–	1	1	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–

[1] Includes races other than white and black.

[2] Includes deaths that occurred in States that did not report Hispanic origin on the death certificate.

Table 1-44. Deaths From Human Immunodeficiency Virus Infection, by Specified Hispanic Origin, Race for Non-Hispanic Origin, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, and Each State, 1990

(Page 1 of 2)

[Human immunodeficiency virus infection deaths are those assigned to category numbers *042-*044 introduced in the United States in 1987; see Technical Appendix]

Area and sex	All origins	Hispanic						Non-Hispanic			Not stated [2]
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [1]	White	Black	
All reporting areas	20,181	2,099	875	419	276	226	303	17,904	12,018	5,728	178
Male	18,249	1,924	836	335	266	211	276	16,163	11,422	4,595	162
Female	1,932	175	39	84	10	15	27	1,741	596	1,133	16
Alabama	160	1	–	–	–	–	1	157	84	73	2
Male	154	1	–	–	–	–	1	151	83	68	2
Female	6	–	–	–	–	–	–	6	1	5	–
Alaska	11	–	–	–	–	–	–	11	7	2	–
Male	11	–	–	–	–	–	–	11	7	2	–
Female	–	–	–	–	–	–	–	–	–	–	–
Arizona	227	29	25	1	–	–	3	198	185	11	–
Male	215	27	23	1	–	–	3	188	175	11	–
Female	12	2	2	–	–	–	–	10	10	–	–
Arkansas	66	1	1	–	–	–	–	64	40	24	1
Male	59	1	1	–	–	–	–	57	39	18	1
Female	7	–	–	–	–	–	–	7	1	6	–
California	5,052	761	488	39	33	130	71	4,261	3,555	606	30
Male	4,843	722	464	35	33	121	69	4,095	3,454	546	26
Female	209	39	24	4	–	9	2	166	101	60	4
Colorado	314	42	16	–	–	1	25	272	252	19	–
Male	298	42	16	–	–	1	25	256	240	15	–
Female	16	–	–	–	–	–	–	16	12	4	–
Delaware	52	1	1	–	–	–	–	51	28	23	–
Male	48	1	1	–	–	–	–	47	28	19	–
Female	4	–	–	–	–	–	–	4	–	4	–
District of Columbia	410	8	1	2	–	5	–	400	125	274	2
Male	362	8	1	2	–	5	–	353	122	230	1
Female	48	–	–	–	–	–	–	47	3	44	1
Florida	2,247	312	5	65	184	42	16	1,927	1,058	865	8
Male	1,888	287	5	51	178	38	15	1,595	985	606	6
Female	359	25	–	14	6	4	1	332	73	259	2
Georgia	813	9	1	–	3	1	4	800	397	403	4
Male	730	9	1	–	3	1	4	717	384	333	4
Female	83	–	–	–	–	–	–	83	13	70	–
Hawaii	73	4	1	2	1	–	–	69	49	6	–
Male	73	4	1	2	1	–	–	69	49	6	–
Female	–	–	–	–	–	–	–	–	–	–	–
Idaho	17	2	2	–	–	–	–	15	14	–	–
Male	14	2	2	–	–	–	–	12	12	–	–
Female	3	–	–	–	–	–	–	3	2	–	–
Illinois	781	86	39	35	4	3	5	682	408	272	13
Male	719	80	38	30	4	3	5	627	383	242	12
Female	62	6	1	5	–	–	–	55	25	30	1
Indiana	175	2	1	–	–	1	–	172	140	32	1
Male	168	2	1	–	–	1	–	165	134	31	1
Female	7	–	–	–	–	–	–	7	6	1	–
Iowa	38	–	–	–	–	–	–	38	38	–	–
Male	37	–	–	–	–	–	–	37	37	–	–
Female	1	–	–	–	–	–	–	1	1	–	–
Kansas	85	5	1	2	–	–	2	76	68	8	4
Male	79	3	–	1	–	–	2	72	67	5	4
Female	6	2	1	1	–	–	–	4	1	3	–
Kentucky	95	1	1	–	–	–	–	94	79	15	–
Male	90	1	1	–	–	–	–	89	74	15	–
Female	5	–	–	–	–	–	–	5	5	–	–
Maine	37	1	–	–	–	–	1	36	34	2	–
Male	36	1	–	–	–	–	1	35	33	2	–
Female	1	–	–	–	–	–	–	1	1	–	–
Maryland	498	8	2	2	–	–	4	480	173	307	10
Male	411	8	2	2	–	–	4	395	157	238	8
Female	87	–	–	–	–	–	–	85	16	69	2
Massachusetts	448	50	–	35	7	5	3	396	302	94	2
Male	392	44	–	29	7	5	3	346	280	66	2
Female	56	6	–	6	–	–	–	50	22	28	–
Michigan	377	10	4	2	2	–	2	365	188	177	2
Male	329	9	4	2	1	–	2	318	175	143	2
Female	48	1	–	–	1	–	–	47	13	34	–
Minnesota	165	4	4	–	–	–	–	160	143	15	1
Male	159	4	4	–	–	–	–	154	138	15	1
Female	6	–	–	–	–	–	–	6	5	–	–
Mississippi	121	–	–	–	–	–	–	118	57	61	3
Male	107	–	–	–	–	–	–	104	55	49	3
Female	14	–	–	–	–	–	–	14	2	12	–

Table 1-44. Deaths From Human Immunodeficiency Virus Infection, by Specified Hispanic Origin, Race for Non-Hispanic Origin, and Sex: Total of 45 States, New York (excluding New York City), and the District of Columbia, and Each State, 1990—Con.

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[Human immunodeficiency virus infection deaths are those assigned to category numbers *042-*044 introduced in the United States in 1987; see Technical Appendix]

Area and sex	All origins	Hispanic						Non-Hispanic			Not stated [2]
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [1]	White	Black	
Missouri	285	7	4	1	–	–	2	278	208	70	–
Male	268	7	4	1	–	–	2	261	198	63	–
Female	17	–	–	–	–	–	–	17	10	7	–
Montana	9	–	–	–	–	–	–	8	8	–	1
Male	9	–	–	–	–	–	–	8	8	–	1
Female	–	–	–	–	–	–	–	–	–	–	–
Nebraska	31	–	–	–	–	–	–	31	26	5	–
Male	29	–	–	–	–	–	–	29	26	3	–
Female	2	–	–	–	–	–	–	2	–	2	–
Nevada	82	9	4	–	2	1	2	73	64	8	–
Male	76	9	4	–	2	1	2	67	60	7	–
Female	6	–	–	–	–	–	–	6	4	1	–
New Jersey	1,574	247	2	127	28	14	76	1,298	467	825	29
Male	1,184	194	1	96	25	13	59	962	395	562	28
Female	390	53	1	31	3	1	17	336	72	263	1
New Mexico	72	26	4	–	–	–	22	46	43	3	–
Male	70	26	4	–	–	–	22	44	41	3	–
Female	2	–	–	–	–	–	–	2	2	–	–
New York	802	76	3	41	2	8	22	695	479	216	31
Male	689	62	3	31	2	7	19	597	428	169	30
Female	113	14	–	10	–	1	3	98	51	47	1
North Carolina	360	–	–	–	–	–	–	359	153	202	1
Male	304	–	–	–	–	–	–	304	146	154	–
Female	56	–	–	–	–	–	–	55	7	48	1
North Dakota	6	–	–	–	–	–	–	6	5	1	–
Male	6	–	–	–	–	–	–	6	5	1	–
Female	–	–	–	–	–	–	–	–	–	–	–
Ohio	443	2	–	2	–	–	–	440	328	111	1
Male	414	2	–	2	–	–	–	411	315	95	1
Female	29	–	–	–	–	–	–	29	13	16	–
Oregon	172	4	3	1	–	–	–	168	160	7	–
Male	162	4	3	1	–	–	–	158	150	7	–
Female	10	–	–	–	–	–	–	10	10	–	–
Pennsylvania	758	57	–	46	4	2	5	701	435	264	–
Male	690	44	–	35	4	2	3	646	413	231	–
Female	68	13	–	11	–	–	2	55	22	33	–
Rhode Island	61	4	–	3	–	–	1	56	42	13	1
Male	56	4	–	3	–	–	1	51	38	12	1
Female	5	–	–	–	–	–	–	5	4	1	–
South Carolina	253	2	–	1	–	–	1	251	88	163	–
Male	219	2	–	1	–	–	1	217	81	136	–
Female	34	–	–	–	–	–	–	34	7	27	–
South Dakota	2	–	–	–	–	–	–	2	2	–	–
Male	2	–	–	–	–	–	–	2	2	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Tennessee	199	3	–	–	–	–	3	194	141	53	2
Male	186	3	–	–	–	–	3	181	135	46	2
Female	13	–	–	–	–	–	–	13	6	7	–
Texas	1,852	296	257	7	6	11	15	1,541	1,223	313	15
Male	1,775	284	247	6	6	11	14	1,477	1,192	281	14
Female	77	12	10	1	–	–	1	64	31	32	1
Utah	45	–	–	–	–	–	–	45	42	3	–
Male	41	–	–	–	–	–	–	41	39	2	–
Female	4	–	–	–	–	–	–	4	3	1	–
Vermont	18	–	–	–	–	–	–	16	16	–	2
Male	15	–	–	–	–	–	–	13	13	–	2
Female	3	–	–	–	–	–	–	3	3	–	–
Virginia	386	10	2	2	–	1	5	364	223	139	12
Male	352	9	2	1	–	1	5	333	208	124	10
Female	34	1	–	1	–	–	–	31	15	15	2
Washington	339	15	2	–	–	1	12	324	294	25	–
Male	321	14	2	–	–	1	11	307	281	22	–
Female	18	1	–	–	–	–	1	17	13	3	–
West Virginia	47	–	–	–	–	–	–	47	43	4	–
Male	41	–	–	–	–	–	–	41	38	3	–
Female	6	–	–	–	–	–	–	6	5	1	–
Wisconsin	120	4	1	3	–	–	–	116	101	14	–
Male	116	4	1	3	–	–	–	112	97	14	–
Female	4	–	–	–	–	–	–	4	4	–	–
Wyoming	3	–	–	–	–	–	–	3	3	–	–
Male	2	–	–	–	–	–	–	2	2	–	–
Female	1	–	–	–	–	–	–	1	1	–	–

[1] Includes races other than white and black.

[2] Includes deaths that occurred in States that did not report Hispanic origin on the death certificate.

Table 1-45. Deaths for Ages 15 Years and Over, by Educational Attainment: 43 Reporting States and the District of Columbia, 1990

[For discussion of completeness of reporting and comparability of data among States see Technical Appendix. Excludes figures for age not stated]

State	Total	Years of school completed					Not stated[1]
		0-8 years	9-11 years	12 years	13-15 years	16 years or more	
Alabama	38,371	12,389	6,316	10,042	2,750	2,613	4,261
Alaska	2,005	311	191	721	276	196	310
Arizona	27,904	5,753	2,960	10,307	4,271	3,758	855
Arkansas	24,131	8,040	3,328	5,882	1,871	1,558	3,452
California	207,505	40,235	22,945	75,321	30,678	27,723	10,603
Colorado	20,933	4,508	2,312	7,250	3,228	2,861	774
Connecticut	27,078	2,597	1,189	9,731	1,449	2,595	9,517
Delaware	5,603	1,359	900	1,902	603	565	274
District of Columbia	6,945	1,228	1,074	2,531	632	993	487
Florida	131,585	24,977	14,547	50,557	15,921	15,821	9,762
Hawaii	6,585	2,056	737	1,849	670	749	524
Idaho	7,223	1,723	958	2,335	1,086	643	478
Illinois	100,228	28,990	12,461	35,524	9,941	8,455	4,857
Indiana	48,396	9,627	6,015	20,202	3,339	3,296	5,917
Iowa	26,417	8,360	2,837	9,342	2,984	2,025	869
Kansas	21,794	5,710	2,443	7,510	2,847	2,143	1,141
Kentucky	34,397	9,241	2,645	5,960	1,526	1,780	13,245
Maine	10,929	2,105	1,249	3,946	1,104	1,013	1,512
Maryland	37,366	7,836	4,492	10,890	2,986	3,868	7,294
Massachusetts	52,316	8,038	4,602	27,067	4,768	5,677	2,144
Michigan	76,522	21,767	13,479	24,971	8,005	6,035	2,265
Minnesota	34,080	11,952	3,175	9,563	4,297	2,810	2,283
Mississippi	24,330	7,872	3,370	5,783	1,940	1,804	3,561
Missouri	49,282	17,934	5,772	15,452	4,601	3,861	1,662
Montana	6,706	1,851	755	2,182	966	638	314
Nebraska	14,457	4,354	1,748	4,809	1,783	1,153	610
Nevada	9,048	1,292	1,074	3,518	1,269	796	1,099
New Hampshire	8,310	1,513	786	3,707	864	1,045	395
New Jersey	68,871	12,626	5,978	26,802	4,361	6,060	13,044
New Mexico	10,244	2,023	1,099	2,516	1,167	1,115	2,324
North Carolina	55,819	16,826	10,760	10,613	4,777	4,133	8,710
North Dakota	5,560	2,468	437	1,100	731	384	440
Ohio	96,535	21,628	13,648	37,198	8,047	7,438	8,576
Oregon	24,615	5,208	3,013	9,020	3,395	2,645	1,334
Pennsylvania	119,659	29,261	14,194	50,070	7,184	9,308	9,642
South Carolina	28,757	8,837	6,314	5,576	2,409	2,535	3,086
Tennessee	45,198	14,228	4,944	10,255	3,064	2,914	9,793
Texas	121,613	32,136	20,682	31,304	14,800	12,564	10,127
Utah	8,790	1,338	1,139	3,238	1,546	1,079	450
Vermont	4,513	1,013	497	1,696	535	582	190
Virginia	46,654	13,773	6,858	10,999	4,429	4,810	5,785
West Virginia	19,075	5,566	1,684	5,020	946	1,120	4,739
Wisconsin	41,875	15,318	4,855	13,624	4,356	3,227	495
Wyoming	3,110	702	412	1,109	447	294	146

[1] Includes deaths that occurred in States that did not report educational attainment on the death certificate.

Table 1-46. Deaths for Ages 15 Years and Over, by Educational Attainment, Race and Sex: 28 States and the District of Columbia, 1990
(Page 1 of 2)

State and race	Male							Female						
	Total	Years of school completed						Total	Years of school completed					
		0 - 8 years	9 - 11 years	12 years	13 - 15 years	16 years or more	Not stated		0 - 8 years	9 - 11 years	12 years	13 - 15 years	16 years or more	Not stated
Alabama	20,101	6,544	3,355	5,196	1,475	1,406	2,125	18,270	5,845	2,961	4,846	1,275	1,207	2,136
White	14,783	4,261	2,418	4,155	1,259	1,248	1,442	13,412	3,881	2,167	3,899	1,058	945	1,462
All other	5,318	2,283	937	1,041	216	158	683	4,858	1,964	794	947	217	262	674
Black	5,284	2,278	934	1,032	211	154	675	4,839	1,962	792	939	212	262	672
Arizona	15,327	3,097	1,817	5,224	2,365	2,324	500	12,577	2,656	1,143	5,083	1,906	1,434	355
White	14,229	2,733	1,621	4,947	2,235	2,268	425	11,860	2,357	1,042	4,917	1,840	1,407	297
All other	1,098	364	196	277	130	56	75	717	299	101	166	66	27	58
Black	370	98	66	109	56	21	20	269	85	39	83	33	15	14
California	109,153	19,936	13,280	36,475	16,419	17,341	5,702	98,352	20,299	9,665	38,846	14,259	10,382	4,901
White	94,633	17,084	11,277	31,637	14,378	15,524	4,733	87,336	17,361	8,339	35,117	12,864	9,423	4,232
All other	14,520	2,852	2,003	4,838	2,041	1,817	969	11,016	2,938	1,326	3,729	1,395	959	669
Black	9,177	1,696	1,511	3,258	1,334	671	707	7,178	1,566	1,038	2,592	1,017	535	430
Colorado	10,797	2,261	1,306	3,541	1,619	1,696	374	10,136	2,247	1,006	3,709	1,609	1,165	400
White	10,318	2,187	1,244	3,339	1,538	1,650	360	9,778	2,172	948	3,576	1,561	1,132	389
All other	479	74	62	202	81	46	14	358	75	58	133	48	33	11
Black	385	57	50	166	68	34	10	278	48	49	108	42	25	6
Delaware	2,812	652	454	953	267	370	116	2,791	707	446	949	336	195	158
White	2,329	498	356	798	249	340	88	2,364	560	353	828	312	171	140
All other	483	154	98	155	18	30	28	427	147	93	121	24	24	18
Black	465	150	96	152	17	24	26	418	143	93	119	24	22	17
District of Columbia	3,774	631	628	1,316	304	589	306	3,171	597	446	1,215	328	404	181
White	859	52	32	163	84	378	150	814	61	35	297	142	225	54
All other	2,915	579	596	1,153	220	211	156	2,357	536	411	918	186	179	127
Black	2,895	576	595	1,146	216	206	156	2,337	531	410	911	183	175	127
Florida	71,135	12,857	8,287	25,543	8,919	10,458	5,071	60,450	12,120	6,260	25,014	7,002	5,363	4,691
White	63,338	10,209	6,754	23,456	8,451	10,139	4,329	54,333	9,926	5,086	23,404	6,611	5,091	4,215
All other	7,797	2,648	1,533	2,087	468	319	742	6,117	2,194	1,174	1,610	391	272	476
Black	7,606	2,622	1,509	2,023	444	281	727	6,007	2,159	1,167	1,575	378	259	469
Hawaii	3,827	1,073	458	1,122	402	485	287	2,758	983	279	727	268	264	237
White	1,127	168	91	337	184	274	73	852	180	47	273	133	148	71
All other	2,700	905	367	785	218	211	214	1,906	803	232	454	135	116	166
Black	23	1	2	9	5	5	1	13	4	2	4	3	-	-
Idaho	3,931	975	539	1,192	541	379	305	3,292	748	419	1,143	545	264	173
White	3,880	963	527	1,179	538	374	299	3,262	740	413	1,136	537	264	172
All other	51	12	12	13	3	5	6	30	8	6	7	8	-	1
Black	4	1	2	1	-	-	-	3	-	-	1	2	-	-
Illinois	24,515	4,703	3,269	10,190	1,726	1,845	2,782	23,881	4,924	2,746	10,012	1,613	1,451	3,135
White	22,576	4,248	2,901	9,460	1,613	1,758	2,596	22,236	4,576	2,457	9,380	1,495	1,361	2,967
All other	1,939	455	368	730	113	87	186	1,645	348	289	632	118	90	168
Black	1,896	452	363	720	111	68	182	1,621	342	286	626	118	85	164
Iowa	13,086	4,298	1,556	4,645	1,187	979	421	13,331	4,062	1,281	4,697	1,797	1,046	448
White	12,897	4,246	1,529	4,570	1,176	969	407	13,150	4,011	1,262	4,623	1,785	1,037	432
All other	189	52	27	75	11	10	14	181	51	19	74	12	9	16
Black	166	46	24	67	10	7	12	154	42	17	67	10	7	11
Kansas	10,914	2,848	1,336	3,706	1,346	1,162	516	10,880	2,862	1,107	3,804	1,501	981	625
White	10,294	2,702	1,211	3,504	1,285	1,127	465	10,352	2,748	1,012	3,634	1,446	956	556
All other	620	146	125	202	61	35	51	528	114	95	170	55	25	69
Black	539	125	113	178	55	25	43	470	101	87	153	46	22	61
Massachusetts	25,116	3,639	2,554	12,392	2,117	3,396	1,018	27,200	4,399	2,048	14,695	2,651	2,281	1,126
White	23,953	3,471	2,363	11,891	2,008	3,297	923	26,259	4,242	1,945	14,263	2,558	2,205	1,046
All other	1,163	168	191	501	109	99	95	941	157	103	432	93	76	80
Black	981	121	176	437	100	66	81	805	109	97	389	87	59	64
Michigan	39,380	10,833	7,530	12,453	3,992	3,438	1,134	37,142	10,934	5,949	12,518	4,013	2,597	1,131
White	32,981	9,106	5,964	10,636	3,483	3,181	611	32,079	9,559	4,883	11,032	3,532	2,357	716
All other	6,399	1,727	1,566	1,817	509	257	523	5,063	1,375	1,066	1,486	481	240	415
Black	6,110	1,635	1,515	1,753	481	217	509	4,814	1,282	1,008	1,431	463	222	408
Minnesota	17,194	6,246	1,780	4,564	1,941	1,572	1,091	16,886	5,706	1,395	4,999	2,356	1,238	1,192
White	16,659	6,134	1,683	4,424	1,881	1,528	1,009	16,569	5,624	1,352	4,906	2,327	1,222	1,138
All other	535	112	97	140	60	44	82	317	82	43	93	29	16	54
Black	285	52	53	77	30	25	48	157	33	15	53	16	8	32
Missouri	24,825	8,710	3,231	7,605	2,325	2,170	784	24,457	9,224	2,541	7,847	2,276	1,691	878
White	22,074	7,840	2,691	6,764	2,101	2,045	633	22,078	8,488	2,108	7,129	2,075	1,554	724
All other	2,751	870	540	841	224	125	151	2,379	736	433	718	201	137	154
Black	2,674	852	529	813	214	118	148	2,291	709	427	686	191	129	149
Montana	3,497	1,071	442	1,089	385	337	173	3,209	780	313	1,093	581	301	141
White	3,323	1,019	402	1,040	365	334	163	3,062	726	283	1,061	560	295	137
All other	174	52	40	49	20	3	10	147	54	30	32	21	6	4
Black	9	1	3	4	-	-	1	6	3	-	3	-	-	-
Nebraska	7,345	2,332	963	2,365	769	604	312	7,112	2,022	785	2,444	1,014	549	298
White	7,110	2,278	909	2,294	747	591	291	6,906	1,972	742	2,386	982	543	281
All other	235	54	54	71	22	13	21	206	50	43	58	32	6	17
Black	190	45	42	62	15	11	15	166	39	38	51	24	5	9

Table 1-46. Deaths for Ages 15 Years and Over, by Educational Attainment, Race and Sex: 28 States and the District of Columbia, 1990—Con.

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State and race	Male							Female						
	Total	Years of school completed						Total	Years of school completed					
		0 - 8 years	9 - 11 years	12 years	13 - 15 years	16 years or more	Not stated		0 - 8 years	9 - 11 years	12 years	13 - 15 years	16 years or more	Not stated
New Hampshire	4,209	764	441	1,859	383	592	170	4,101	749	345	1,848	481	453	225
White	4,186	761	439	1,852	380	588	166	4,083	743	343	1,845	478	450	224
All other	23	3	2	7	3	4	4	18	6	2	3	3	3	1
Black	17	2	2	5	3	3	2	14	4	2	2	3	3	-
North Dakota	2,986	1,398	246	584	296	225	237	2,574	1,070	191	516	435	159	203
White	2,892	1,362	225	568	288	221	228	2,508	1,048	178	505	427	157	193
All other	94	36	21	16	8	4	9	66	22	13	11	8	2	10
Black	5	1	1	-	1	-	2	2	1	1	-	-	-	-
Ohio	48,332	10,339	7,477	18,423	3,979	4,238	3,876	48,203	11,289	6,171	18,775	4,068	3,200	4,700
White	42,971	9,266	6,539	16,641	3,608	3,986	2,931	43,407	10,360	5,404	17,139	3,706	2,964	3,834
All other	5,361	1,073	938	1,782	371	252	945	4,796	929	767	1,636	362	236	866
Black	5,278	1,061	930	1,759	366	225	937	4,730	909	762	1,619	356	227	857
Oregon	12,816	2,807	1,773	4,349	1,701	1,483	703	11,799	2,401	1,240	4,671	1,694	1,162	631
White	12,428	2,723	1,715	4,230	1,653	1,439	668	11,522	2,322	1,195	4,589	1,666	1,143	607
All other	388	84	58	119	48	44	35	277	79	45	82	28	19	24
Black	188	46	31	61	25	12	13	137	43	25	37	16	7	9
Pennsylvania	59,829	13,557	7,939	25,056	3,433	5,465	4,379	59,830	15,704	6,255	25,014	3,751	3,843	5,263
White	53,872	12,403	6,916	22,412	3,124	5,144	3,873	54,624	14,664	5,477	22,653	3,460	3,579	4,791
All other	5,957	1,154	1,023	2,644	309	321	506	5,206	1,040	778	2,361	291	264	472
Black	5,793	1,112	1,010	2,607	298	283	483	5,070	993	771	2,315	284	254	453
South Carolina	15,213	4,650	3,209	3,173	1,180	1,350	1,651	13,544	4,187	3,105	2,403	1,229	1,185	1,435
White	10,379	2,594	2,388	2,105	988	1,180	1,124	9,427	2,298	2,375	1,691	1,046	970	1,047
All other	4,834	2,056	821	1,068	192	170	527	4,117	1,889	730	712	183	215	388
Black	4,815	2,052	819	1,063	189	167	525	4,102	1,884	729	705	183	214	387
Texas	65,082	17,162	10,612	16,359	8,075	7,709	5,165	56,531	14,974	10,070	14,945	6,725	4,855	4,962
White	55,967	14,529	8,826	13,768	7,294	7,248	4,302	49,285	12,749	8,602	13,029	6,147	4,420	4,338
All other	9,115	2,633	1,786	2,591	781	461	863	7,246	2,225	1,468	1,916	578	435	624
Black	8,786	2,590	1,764	2,473	744	379	836	6,991	2,144	1,450	1,836	555	411	595
Utah	4,753	698	671	1,643	819	681	241	4,037	640	468	1,595	727	398	209
White	4,627	669	648	1,603	804	670	233	3,961	619	459	1,566	718	395	204
All other	126	29	23	40	15	11	8	76	21	9	29	9	3	5
Black	32	5	5	13	3	2	4	23	4	2	9	4	3	1
Vermont	2,278	579	280	820	214	290	95	2,235	434	217	876	321	292	95
White	2,271	579	280	814	214	289	95	2,231	433	217	874	321	291	95
All other	7	-	-	6	-	1	-	4	1	-	2	-	1	-
Black	3	-	-	2	-	1	-	2	-	-	2	-	-	-
Wisconsin	21,230	7,540	2,806	6,814	2,036	1,803	231	20,645	7,778	2,049	6,810	2,320	1,424	264
White	20,394	7,263	2,586	6,598	1,968	1,763	216	20,035	7,543	1,936	6,641	2,260	1,402	253
All other	836	277	220	216	68	40	15	610	235	113	169	60	22	11
Black	707	224	195	193	62	28	5	496	179	99	145	48	16	9
Wyoming	1,651	405	236	577	194	156	83	1,459	297	176	532	253	138	63
White	1,610	395	224	569	189	154	79	1,419	284	168	522	249	136	60
All other	41	10	12	8	5	2	4	40	13	8	10	4	2	3
Black	9	2	-	2	1	2	2	9	2	-	4	2	1	-

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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 causes									
All races, both sexes	1,297,793	22,684	36,298	49,959	70,971	153,162	295,017	375,944	293,758
0 - 8 years	322,606	1,800	2,414	3,316	7,198	24,385	60,413	109,777	113,303
9 - 11 years	165,998	8,047	6,440	6,308	10,394	23,068	40,726	46,175	24,840
12 years	456,176	8,385	16,000	20,097	29,435	61,823	117,492	124,927	78,017
13 - 15 years	144,345	3,129	6,243	9,747	10,795	18,576	32,382	36,243	27,230
16 years or more	129,624	536	3,590	8,225	9,652	17,339	28,246	35,369	26,667
Not stated	79,044	787	1,611	2,266	3,497	7,971	15,758	23,453	23,701
All races, male	671,396	17,333	26,919	34,479	44,538	93,650	170,737	185,993	97,747
0 - 8 years	161,461	1,400	1,830	2,354	4,761	16,054	36,669	57,483	40,910
9 - 11 years	92,191	6,250	4,914	4,313	6,580	14,137	23,827	23,529	8,641
12 years	226,618	6,524	11,966	13,602	17,597	34,758	62,821	56,824	22,526
13 - 15 years	73,938	2,215	4,374	6,623	6,532	11,076	18,682	16,991	7,445
16 years or more	77,776	346	2,590	5,931	6,617	12,362	19,440	19,843	10,647
Not stated	39,412	598	1,245	1,656	2,451	5,263	9,298	11,323	7,578
All races, female	626,397	5,351	9,379	15,480	26,433	59,512	124,280	189,951	196,011
0 - 8 years	161,145	400	584	962	2,437	8,331	23,744	52,294	72,393
9 - 11 years	73,807	1,797	1,526	1,995	3,814	8,931	16,899	22,646	16,199
12 years	229,558	1,861	4,034	6,495	11,838	27,065	54,671	68,103	55,491
13 - 15 years	70,407	914	1,869	3,124	4,263	7,500	13,700	19,252	19,785
16 years or more	51,848	190	1,000	2,294	3,035	4,977	8,806	15,526	16,020
Not stated	39,632	189	366	610	1,046	2,708	6,460	12,130	16,123
White, both sexes	1,148,207	17,164	27,120	38,278	56,919	129,318	261,337	343,774	274,297
0 - 8 years	279,843	1,511	2,014	2,598	5,534	19,209	49,661	95,864	103,452
9 - 11 years	140,065	5,849	4,347	4,114	7,455	18,395	35,103	41,852	22,950
12 years	410,295	6,240	11,849	15,086	23,798	53,530	107,285	117,713	74,794
13 - 15 years	131,626	2,521	4,759	7,772	9,051	16,297	30,141	34,694	26,391
16 years or more	120,505	451	2,997	7,109	8,459	15,715	26,349	33,668	25,757
Not stated	65,873	592	1,154	1,599	2,622	6,172	12,798	19,983	20,953
White, male	588,615	12,988	20,373	26,745	35,884	79,706	152,060	170,272	90,587
0 - 8 years	138,759	1,190	1,565	1,859	3,641	12,715	30,314	50,340	37,135
9 - 11 years	77,255	4,435	3,371	2,855	4,731	11,430	20,851	21,552	8,030
12 years	201,058	4,835	8,941	10,287	14,237	30,273	57,527	53,535	21,423
13 - 15 years	66,855	1,780	3,404	5,370	5,583	9,831	17,459	16,245	7,183
16 years or more	72,609	298	2,194	5,200	5,866	11,397	18,331	19,012	10,311
Not stated	32,079	450	898	1,174	1,826	4,060	7,578	9,588	6,505
White, female	559,592	4,176	6,747	11,533	21,035	49,612	109,277	173,502	183,710
0 - 8 years	141,084	321	449	739	1,893	6,494	19,347	45,524	66,317
9 - 11 years	62,810	1,414	976	1,259	2,724	6,965	14,252	20,300	14,920
12 years	209,237	1,405	2,908	4,799	9,561	23,257	49,758	64,178	53,371
13 - 15 years	64,771	741	1,355	2,402	3,468	6,466	12,682	18,449	19,208
16 years or more	47,896	153	803	1,909	2,593	4,318	8,018	14,656	15,446
Not stated	33,794	142	256	425	796	2,112	5,220	10,395	14,448
All other, both sexes	149,586	5,520	9,178	11,681	14,052	23,844	33,680	32,170	19,461
0 - 8 years	42,763	289	400	718	1,664	5,176	10,752	13,913	9,851
9 - 11 years	25,933	2,198	2,093	2,194	2,939	4,673	5,623	4,323	1,890
12 years	45,881	2,145	4,151	5,011	5,637	8,293	10,207	7,214	3,223
13 - 15 years	12,719	608	1,484	1,975	1,744	2,279	2,241	1,549	839
16 years or more	9,119	85	593	1,116	1,193	1,624	1,897	1,701	910
Not stated	13,171	195	457	667	875	1,799	2,960	3,470	2,748
All other, male	82,781	4,345	6,546	7,734	8,654	13,944	18,677	15,721	7,160
0 - 8 years	22,702	210	265	495	1,120	3,339	6,355	7,143	3,775
9 - 11 years	14,936	1,815	1,543	1,458	1,849	2,707	2,976	1,977	611
12 years	25,560	1,689	3,025	3,315	3,360	4,485	5,294	3,289	1,103
13 - 15 years	7,083	435	970	1,253	949	1,245	1,223	746	262
16 years or more	5,167	48	396	731	751	965	1,109	831	336
Not stated	7,333	148	347	482	625	1,203	1,720	1,735	1,073
All other, female	66,805	1,175	2,632	3,947	5,398	9,900	15,003	16,449	12,301
0 - 8 years	20,061	79	135	223	544	1,837	4,397	6,770	6,076
9 - 11 years	10,997	383	550	736	1,090	1,966	2,647	2,346	1,279
12 years	20,321	456	1,126	1,696	2,277	3,808	4,913	3,925	2,120
13 - 15 years	5,636	173	514	722	795	1,034	1,018	803	577
16 years or more	3,952	37	197	385	442	659	788	870	574
Not stated	5,838	47	110	185	250	596	1,240	1,735	1,675
Black, both sexes	129,434	4,727	8,186	10,366	12,295	20,879	29,249	27,460	16,272
0 - 8 years	36,613	225	316	584	1,397	4,546	9,452	11,949	8,144
9 - 11 years	23,699	1,931	1,923	2,063	2,754	4,308	5,117	3,930	1,673
12 years	40,234	1,884	3,792	4,577	5,084	7,318	8,817	6,069	2,693
13 - 15 years	10,651	457	1,299	1,719	1,478	1,911	1,837	1,239	711
16 years or more	6,501	62	446	821	805	1,135	1,330	1,192	710
Not stated	11,736	168	410	602	777	1,661	2,696	3,081	2,341
Black, male	71,054	3,756	5,862	6,898	7,603	12,258	16,042	12,957	5,678
0 - 8 years	19,697	165	219	415	981	3,023	5,684	6,115	3,095
9 - 11 years	13,549	1,617	1,413	1,372	1,739	2,514	2,673	1,722	499
12 years	22,203	1,491	2,769	3,043	3,028	3,967	4,484	2,611	810
13 - 15 years	5,775	324	848	1,087	792	1,023	963	542	196
16 years or more	3,284	35	301	540	497	608	664	442	197
Not stated	6,546	124	312	441	566	1,123	1,574	1,525	881
Black, female	58,380	971	2,324	3,468	4,692	8,621	13,207	14,503	10,594
0 - 8 years	16,916	60	97	169	416	1,523	3,768	5,834	5,049
9 - 11 years	10,150	314	510	691	1,015	1,794	2,444	2,208	1,174
12 years	18,031	393	1,023	1,534	2,056	3,351	4,333	3,458	1,883
13 - 15 years	4,876	133	451	632	686	888	874	697	515
16 years or more	3,217	27	145	281	308	527	666	750	513
Not stated	5,190	44	98	161	211	538	1,122	1,556	1,460

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Human immunodeficiency virus infection (*042-*044)									
All races, both sexes	14,330	304	4,937	5,763	2,273	783	220	43	7
0 - 8 years	528	22	141	173	93	67	24	6	2
9 - 11 years	1,273	81	583	399	139	47	18	6	-
12 years	4,880	123	1,950	1,791	674	247	76	15	4
13 - 15 years	3,308	51	1,246	1,372	474	125	35	5	-
16 years or more	3,746	14	829	1,807	772	258	57	8	1
Not stated	595	13	188	221	121	39	10	3	-
All races, male	13,299	243	4,527	5,439	2,167	721	176	25	1
0 - 8 years	441	14	115	155	79	59	13	6	-
9 - 11 years	1,038	64	482	318	121	39	11	3	-
12 years	4,432	97	1,768	1,653	626	223	59	5	1
13 - 15 years	3,176	48	1,189	1,326	459	120	32	2	-
16 years or more	3,663	11	804	1,779	766	244	53	6	-
Not stated	549	9	169	208	116	36	8	3	-
All races, female	1,031	61	410	324	106	62	44	18	6
0 - 8 years	87	8	26	18	14	8	11	-	2
9 - 11 years	235	17	101	81	18	8	7	3	-
12 years	448	26	182	138	48	24	17	10	3
13 - 15 years	132	3	57	46	15	5	3	3	-
16 years or more	83	3	25	28	6	14	4	2	1
Not stated	46	4	19	13	5	3	2	-	-
White, both sexes	10,821	193	3,569	4,413	1,818	607	180	35	6
0 - 8 years	350	16	100	119	57	39	15	3	1
9 - 11 years	685	48	326	190	73	32	12	4	-
12 years	3,486	76	1,372	1,258	518	186	60	12	4
13 - 15 years	2,650	37	959	1,117	403	97	32	5	-
16 years or more	3,280	9	701	1,589	689	230	53	8	1
Not stated	370	7	111	140	78	23	8	3	-
White, male	10,359	166	3,398	4,287	1,773	566	147	21	1
0 - 8 years	307	10	87	108	54	37	8	3	-
9 - 11 years	611	42	293	170	68	28	7	3	-
12 years	3,281	65	1,293	1,206	498	168	46	4	1
13 - 15 years	2,581	36	935	1,093	393	93	29	2	-
16 years or more	3,228	8	687	1,573	685	219	50	6	-
Not stated	351	5	103	137	75	21	7	3	-
White, female	462	27	171	126	45	41	33	14	5
0 - 8 years	43	6	13	11	3	2	7	-	1
9 - 11 years	74	6	33	20	5	4	5	1	-
12 years	205	11	79	52	20	18	14	8	3
13 - 15 years	69	1	24	24	10	4	3	3	-
16 years or more	52	1	14	16	4	11	3	2	1
Not stated	19	2	8	3	3	2	1	-	-
All other, both sexes	3,509	111	1,368	1,350	455	176	40	8	1
0 - 8 years	178	6	41	54	36	28	9	3	1
9 - 11 years	588	33	257	209	66	15	6	2	-
12 years	1,394	47	578	533	156	61	16	3	-
13 - 15 years	658	14	287	255	71	28	3	-	-
16 years or more	466	5	128	218	83	28	4	-	-
Not stated	225	6	77	81	43	16	2	-	-
All other, male	2,940	77	1,129	1,152	394	155	29	4	-
0 - 8 years	134	4	28	47	25	22	5	3	-
9 - 11 years	427	22	189	148	53	11	4	-	-
12 years	1,151	32	475	447	128	55	13	1	-
13 - 15 years	595	12	254	233	66	27	3	-	-
16 years or more	435	3	117	206	81	25	3	-	-
Not stated	198	4	66	71	41	15	1	-	-
All other, female	569	34	239	198	61	21	11	4	1
0 - 8 years	44	2	13	7	11	6	4	-	1
9 - 11 years	161	11	68	61	13	4	2	2	-
12 years	243	15	103	86	28	6	3	2	-
13 - 15 years	63	2	33	22	5	1	-	-	-
16 years or more	31	2	11	12	2	3	1	-	-
Not stated	27	2	11	10	2	1	1	-	-
Black, both sexes	3,368	111	1,320	1,296	429	167	36	8	1
0 - 8 years	172	6	38	54	35	27	8	3	1
9 - 11 years	580	33	253	206	65	15	6	2	-
12 years	1,362	47	565	525	148	60	14	3	-
13 - 15 years	617	14	270	239	67	24	3	-	-
16 years or more	415	5	118	192	72	25	3	-	-
Not stated	222	6	76	80	42	16	2	-	-
Black, male	2,808	77	1,083	1,102	368	148	26	4	-
0 - 8 years	130	4	25	47	24	22	5	3	-
9 - 11 years	420	22	185	146	52	11	4	-	-
12 years	1,122	32	463	441	120	54	11	1	-
13 - 15 years	555	12	237	217	62	24	3	-	-
16 years or more	385	3	107	181	70	22	2	-	-
Not stated	196	4	66	70	40	15	1	-	-
Black, female	560	34	237	194	61	19	10	4	1
0 - 8 years	42	2	13	7	11	5	3	-	1
9 - 11 years	160	11	68	60	13	4	2	2	-
12 years	240	15	102	84	28	6	3	2	-
13 - 15 years	62	2	33	22	5	-	-	-	-
16 years or more	30	2	11	11	2	3	1	-	-
Not stated	26	2	10	10	2	1	1	-	-

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)									
All races, both sexes	313,368	1,144	3,338	9,841	24,150	58,030	97,931	85,175	33,759
0 - 8 years	64,396	74	136	494	2,045	7,846	17,919	23,087	12,795
9 - 11 years	39,729	320	369	929	3,265	8,237	13,111	10,508	2,990
12 years	119,237	431	1,443	3,972	10,456	24,534	40,209	29,211	8,981
13 - 15 years	38,457	237	707	2,093	3,953	7,669	11,721	8,912	3,165
16 years or more	36,081	52	573	2,031	3,571	7,244	10,522	8,737	3,351
Not stated	15,468	30	110	322	860	2,500	4,449	4,720	2,477
All races, male	165,944	690	1,684	4,303	11,943	32,287	54,998	45,143	14,896
0 - 8 years	37,172	46	65	239	1,179	5,088	11,145	13,277	6,133
9 - 11 years	22,279	192	198	426	1,752	4,863	7,683	5,811	1,354
12 years	57,907	262	723	1,663	4,871	12,259	20,563	14,077	3,489
13 - 15 years	18,938	136	326	863	1,810	3,981	6,241	4,420	1,159
16 years or more	21,235	33	318	955	1,840	4,572	6,762	5,059	1,696
Not stated	8,413	19	54	157	491	1,524	2,604	2,499	1,065
All races, female	147,424	454	1,654	5,538	12,207	25,743	42,933	40,032	18,863
0 - 8 years	27,224	28	71	255	866	2,758	6,774	9,810	6,662
9 - 11 years	17,450	128	171	503	1,513	3,374	5,428	4,697	1,636
12 years	61,330	169	720	2,309	5,585	12,275	19,646	15,134	5,492
13 - 15 years	19,519	99	381	1,230	2,143	3,688	5,480	4,492	2,006
16 years or more	14,846	19	255	1,076	1,731	2,672	3,760	3,678	1,655
Not stated	7,055	11	56	165	369	976	1,845	2,221	1,412
White, both sexes	278,546	968	2,738	8,073	20,088	50,091	87,632	77,825	31,131
0 - 8 years	54,669	65	117	397	1,590	6,223	14,759	20,032	11,486
9 - 11 years	34,047	275	271	672	2,425	6,722	11,432	9,514	2,736
12 years	108,376	355	1,201	3,219	8,863	21,749	37,000	27,457	8,532
13 - 15 years	35,284	205	578	1,732	3,395	6,813	10,995	8,523	3,043
16 years or more	33,481	44	485	1,806	3,148	6,625	9,835	8,313	3,225
Not stated	12,689	24	86	247	667	1,959	3,611	3,986	2,109
White, male	146,414	589	1,418	3,531	9,778	27,718	48,841	40,959	13,580
0 - 8 years	31,110	43	54	187	880	3,985	9,100	11,429	5,432
9 - 11 years	19,057	165	152	291	1,261	3,949	6,703	5,284	1,252
12 years	52,172	222	610	1,322	4,053	10,791	18,757	13,128	3,289
13 - 15 years	17,462	118	278	743	1,577	3,566	5,856	4,211	1,113
16 years or more	19,871	27	274	865	1,644	4,246	6,350	4,831	1,634
Not stated	6,742	14	50	123	363	1,181	2,075	2,076	860
White, female	132,132	379	1,320	4,542	10,310	22,373	38,791	36,866	17,551
0 - 8 years	23,559	22	63	210	710	2,238	5,659	8,603	6,054
9 - 11 years	14,990	110	119	381	1,164	2,773	4,729	4,230	1,484
12 years	56,204	133	591	1,897	4,810	10,958	18,243	14,329	5,243
13 - 15 years	17,822	87	300	989	1,818	3,247	5,139	4,312	1,930
16 years or more	13,610	17	211	941	1,504	2,379	3,485	3,482	1,591
Not stated	5,947	10	36	124	304	778	1,536	1,910	1,249
All other, both sexes	34,822	176	600	1,768	4,062	7,939	10,299	7,350	2,628
0 - 8 years	9,727	9	19	97	455	1,623	3,160	3,055	1,309
9 - 11 years	5,682	45	98	257	840	1,515	1,679	994	254
12 years	10,861	76	242	753	1,593	2,785	3,209	1,754	449
13 - 15 years	3,173	32	129	361	558	856	726	389	122
16 years or more	2,600	8	88	225	423	619	687	424	126
Not stated	2,779	6	24	75	193	541	838	734	368
All other, male	19,530	101	266	772	2,165	4,569	6,157	4,184	1,316
0 - 8 years	6,062	3	11	52	299	1,103	2,045	1,848	701
9 - 11 years	3,222	27	46	135	491	914	980	527	102
12 years	5,735	40	113	341	818	1,468	1,806	949	200
13 - 15 years	1,476	20	48	120	233	415	385	209	46
16 years or more	1,364	6	44	90	196	326	412	228	62
Not stated	1,671	5	4	34	128	343	529	423	205
All other, female	15,292	75	334	996	1,897	3,370	4,142	3,166	1,312
0 - 8 years	3,665	6	8	45	156	520	1,115	1,207	608
9 - 11 years	2,460	18	52	122	349	601	699	467	152
12 years	5,126	36	129	412	775	1,317	1,403	805	249
13 - 15 years	1,697	12	81	241	325	441	341	180	76
16 years or more	1,236	2	44	135	227	293	275	196	64
Not stated	1,108	1	20	41	65	198	309	311	163
Black, both sexes	29,965	138	488	1,473	3,445	6,928	8,929	6,300	2,264
0 - 8 years	8,512	6	14	71	376	1,460	2,782	2,671	1,132
9 - 11 years	5,202	35	85	234	789	1,406	1,514	911	228
12 years	9,328	65	199	658	1,392	2,417	2,768	1,452	377
13 - 15 years	2,620	20	107	295	459	709	610	313	107
16 years or more	1,791	7	60	150	261	444	483	289	97
Not stated	2,512	5	23	65	168	492	772	664	323
Black, male	16,781	78	206	645	1,861	4,037	5,323	3,526	1,105
0 - 8 years	5,432	1	8	41	267	1,016	1,850	1,633	616
9 - 11 years	2,939	23	39	127	462	858	877	471	82
12 years	4,896	35	92	299	724	1,295	1,535	761	155
13 - 15 years	1,174	10	35	94	188	337	313	160	37
16 years or more	824	5	28	55	110	215	254	118	39
Not stated	1,516	4	4	29	110	316	494	383	176
Black, female	13,184	60	282	828	1,584	2,891	3,606	2,774	1,159
0 - 8 years	3,080	5	6	30	109	444	932	1,038	516
9 - 11 years	2,263	12	46	107	327	548	637	440	146
12 years	4,432	30	107	359	668	1,122	1,233	691	222
13 - 15 years	1,446	10	72	201	271	372	297	153	70
16 years or more	967	2	32	95	151	229	229	171	58
Not stated	996	1	19	36	58	176	278	281	147

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Diabetes mellitus (250)									
All races, both sexes	30,040	60	414	921	1,718	4,255	8,351	9,270	5,031
0 - 8 years	8,819	8	19	52	228	871	2,107	3,294	2,240
9 - 11 years	4,183	25	64	132	286	713	1,267	1,216	480
12 years	10,112	29	198	387	712	1,621	3,144	2,838	1,183
13 - 15 years	2,873	13	82	189	246	473	785	707	378
16 years or more	2,220	3	35	126	167	353	588	618	330
Not stated	1,833	2	16	35	79	224	460	597	420
All races, male	12,918	33	234	558	933	2,092	3,851	3,762	1,455
0 - 8 years	3,406	4	11	32	116	423	895	1,275	650
9 - 11 years	1,758	8	32	72	148	313	555	490	140
12 years	4,349	15	119	233	379	755	1,395	1,119	334
13 - 15 years	1,401	5	44	122	131	261	420	317	101
16 years or more	1,291	1	17	78	109	231	387	353	115
Not stated	713	-	11	21	50	109	199	208	115
All races, female	17,122	47	180	363	785	2,163	4,500	5,508	3,576
0 - 8 years	5,413	4	8	20	112	448	1,212	2,019	1,590
9 - 11 years	2,425	17	32	60	138	400	712	726	340
12 years	5,763	14	79	154	333	866	1,749	1,719	849
13 - 15 years	1,472	8	38	67	115	212	365	390	277
16 years or more	929	2	18	48	58	122	201	265	215
Not stated	1,120	2	5	14	29	115	261	389	305
White, both sexes	25,146	51	322	713	1,258	3,276	6,918	8,075	4,533
0 - 8 years	7,266	5	15	43	164	643	1,652	2,762	1,982
9 - 11 years	3,325	18	43	85	191	506	991	1,069	422
12 years	8,644	16	159	298	513	1,291	2,699	2,564	1,104
13 - 15 years	2,500	10	63	158	191	385	687	653	353
16 years or more	1,968	2	31	105	140	284	539	556	311
Not stated	1,443	-	11	24	59	167	350	471	361
White, male	11,043	26	179	447	706	1,670	3,333	3,362	1,320
0 - 8 years	2,840	2	9	27	84	317	720	1,091	590
9 - 11 years	1,479	7	22	53	101	242	475	455	124
12 years	3,748	11	93	187	286	614	1,229	1,020	308
13 - 15 years	1,239	5	35	103	106	218	384	296	92
16 years or more	1,158	1	14	64	91	195	366	329	108
Not stated	569	-	6	13	38	84	159	171	98
White, female	14,103	25	143	266	552	1,606	3,585	4,713	3,213
0 - 8 years	4,426	3	6	16	80	326	932	1,671	1,392
9 - 11 years	1,846	11	21	32	90	264	516	614	298
12 years	4,896	5	66	111	227	677	1,470	1,544	796
13 - 15 years	1,261	5	28	55	85	167	303	357	261
16 years or more	800	1	17	41	49	89	173	227	203
Not stated	874	-	5	11	21	83	191	300	263
All other, both sexes	4,894	29	92	208	460	979	1,433	1,195	498
0 - 8 years	1,553	3	4	9	64	228	455	532	258
9 - 11 years	858	7	21	47	95	207	276	147	58
12 years	1,468	13	39	89	199	330	445	274	79
13 - 15 years	373	3	19	31	55	88	98	54	25
16 years or more	252	1	4	21	27	69	49	62	19
Not stated	390	2	5	11	20	57	110	126	59
All other, male	1,875	7	55	111	227	422	518	400	135
0 - 8 years	566	2	2	5	32	106	175	184	60
9 - 11 years	279	1	10	19	47	71	80	35	16
12 years	601	4	26	46	93	141	166	99	26
13 - 15 years	162	-	9	19	25	43	36	21	9
16 years or more	123	-	3	14	18	36	21	24	7
Not stated	144	-	5	8	12	25	40	37	17
All other, female	3,019	22	37	97	233	557	915	795	363
0 - 8 years	987	1	2	4	32	122	280	348	198
9 - 11 years	579	6	11	28	48	136	196	112	42
12 years	867	9	13	43	106	189	279	175	53
13 - 15 years	211	3	10	12	30	45	62	33	16
16 years or more	129	1	1	7	9	33	28	38	12
Not stated	246	2	-	3	8	32	70	89	42
Black, both sexes	4,284	28	89	191	405	854	1,250	1,045	422
0 - 8 years	1,329	3	4	9	49	188	397	466	213
9 - 11 years	789	6	21	44	89	186	255	138	50
12 years	1,304	13	38	82	183	295	388	236	69
13 - 15 years	309	3	17	27	45	76	74	46	21
16 years or more	203	1	4	18	20	55	37	50	18
Not stated	350	2	5	11	19	54	99	109	51
Black, male	1,580	7	53	99	195	361	433	323	109
0 - 8 years	479	2	2	5	26	88	150	155	51
9 - 11 years	246	1	10	17	43	61	72	31	11
12 years	511	4	25	41	82	122	137	79	21
13 - 15 years	129	-	8	16	19	37	27	15	7
16 years or more	87	-	3	12	13	29	11	13	6
Not stated	128	-	5	8	12	24	36	30	13
Black, female	2,704	21	36	92	210	493	817	722	313
0 - 8 years	850	1	2	4	23	100	247	311	162
9 - 11 years	543	5	11	27	46	125	183	107	39
12 years	793	9	13	41	101	173	251	157	48
13 - 15 years	180	3	9	11	26	39	47	31	14
16 years or more	116	1	1	6	7	26	26	37	12
Not stated	222	2	-	3	7	30	63	79	38

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Diseases of heart (390-398,402,404-429)									
All races, both sexes	441,133	567	1,941	6,979	17,878	46,400	98,272	141,686	127,410
0 - 8 years	123,885	42	107	505	1,892	7,845	21,016	42,758	49,720
9 - 11 years	53,519	152	366	1,022	2,814	7,265	13,836	17,460	10,604
12 years	149,889	225	888	2,936	7,597	18,555	38,965	46,666	34,057
13 - 15 years	44,354	106	334	1,311	2,672	5,311	10,050	13,026	11,544
16 years or more	40,875	19	178	906	2,023	4,915	8,937	12,764	11,133
Not stated	28,611	23	68	299	880	2,509	5,468	9,012	10,352
All races, male	222,196	361	1,313	5,311	13,297	32,162	60,689	69,337	39,726
0 - 8 years	58,441	28	77	393	1,391	5,420	12,900	21,563	16,669
9 - 11 years	28,536	93	253	765	2,006	4,832	8,381	8,756	3,450
12 years	73,755	141	587	2,171	5,515	12,201	22,767	21,188	9,185
13 - 15 years	22,869	71	209	1,007	2,002	3,810	6,537	6,197	3,036
16 years or more	25,157	12	131	750	1,702	4,103	6,783	7,387	4,289
Not stated	13,438	16	56	225	681	1,796	3,321	4,246	3,097
All races, female	218,937	206	628	1,668	4,581	14,238	37,583	72,349	87,684
0 - 8 years	65,444	14	30	112	501	2,425	8,116	21,195	33,051
9 - 11 years	24,983	59	113	257	808	2,433	5,455	8,704	7,154
12 years	76,134	84	301	765	2,082	6,354	16,198	25,478	24,872
13 - 15 years	21,485	35	125	304	670	1,501	3,513	6,829	8,508
16 years or more	15,718	7	47	156	321	812	2,154	5,377	6,844
Not stated	15,173	7	12	74	199	713	2,147	4,766	7,255
White, both sexes	396,813	384	1,325	5,239	14,343	39,114	86,918	129,988	119,502
0 - 8 years	108,968	34	79	376	1,481	6,234	17,411	37,680	45,673
9 - 11 years	46,522	102	229	672	2,066	5,797	11,934	15,882	9,840
12 years	137,304	145	601	2,190	6,103	16,043	35,440	44,033	32,749
13 - 15 years	41,184	75	227	1,013	2,248	4,632	9,280	12,482	11,227
16 years or more	36,506	13	146	766	1,775	4,474	8,373	12,191	10,768
Not stated	24,329	15	43	222	670	1,934	4,480	7,720	9,245
White, male	199,740	249	919	4,145	11,021	27,740	54,568	64,029	37,069
0 - 8 years	51,134	23	58	297	1,111	4,406	10,867	19,149	15,223
9 - 11 years	24,990	63	166	523	1,523	3,986	7,418	8,098	3,213
12 years	67,386	93	402	1,685	4,593	10,761	20,973	20,087	8,792
13 - 15 years	21,134	50	148	822	1,745	3,385	6,077	5,948	2,959
16 years or more	23,832	9	110	650	1,518	3,805	6,458	7,119	4,163
Not stated	11,264	11	35	168	531	1,397	2,775	3,628	2,719
White, female	197,073	135	406	1,094	3,322	11,374	32,350	65,959	82,433
0 - 8 years	57,834	11	21	79	370	1,828	6,544	18,531	30,450
9 - 11 years	21,532	39	63	149	543	1,811	4,516	7,784	6,627
12 years	69,918	52	199	505	1,510	5,282	14,467	23,946	23,957
13 - 15 years	20,050	25	79	191	503	1,247	3,203	6,534	8,268
16 years or more	14,674	4	36	116	257	669	1,915	5,072	6,605
Not stated	13,065	4	8	54	139	537	1,705	4,092	6,526
All other, both sexes	44,320	183	616	1,740	3,535	7,286	11,354	11,698	7,908
0 - 8 years	14,917	8	28	129	411	1,611	3,605	5,078	4,047
9 - 11 years	6,997	50	137	350	748	1,468	1,902	1,578	764
12 years	12,585	80	287	746	1,494	2,512	3,525	2,633	1,308
13 - 15 years	3,170	31	107	298	424	679	770	544	317
16 years or more	2,369	6	32	140	248	441	564	573	365
Not stated	4,282	8	25	77	210	575	988	1,292	1,107
All other, male	22,456	112	394	1,166	2,276	4,422	6,121	5,308	2,657
0 - 8 years	7,307	5	19	96	280	1,014	2,033	2,414	1,446
9 - 11 years	3,546	30	87	242	483	846	963	658	237
12 years	6,369	48	185	486	922	1,440	1,794	1,101	393
13 - 15 years	1,735	21	61	185	257	425	460	249	77
16 years or more	1,325	3	21	100	184	298	325	268	126
Not stated	2,174	5	21	57	150	399	546	618	378
All other, female	21,864	71	222	574	1,259	2,864	5,233	6,390	5,251
0 - 8 years	7,610	3	9	33	131	597	1,572	2,664	2,601
9 - 11 years	3,451	20	50	108	265	622	939	920	527
12 years	6,216	32	102	260	572	1,072	1,731	1,532	915
13 - 15 years	1,435	10	46	113	167	254	310	295	240
16 years or more	1,044	3	11	40	64	143	239	305	239
Not stated	2,108	3	4	20	60	176	442	674	729
Black, both sexes	38,768	167	567	1,564	3,189	6,505	9,989	10,090	6,697
0 - 8 years	12,952	7	26	110	360	1,431	3,211	4,415	3,392
9 - 11 years	6,473	46	128	341	704	1,381	1,750	1,440	683
12 years	11,096	76	264	682	1,388	2,260	3,092	2,244	1,090
13 - 15 years	2,685	25	100	258	371	580	630	437	284
16 years or more	1,730	5	27	101	175	311	399	419	293
Not stated	3,832	8	22	72	191	542	907	1,135	955
Black, male	19,240	99	358	1,033	2,011	3,919	5,299	4,402	2,119
0 - 8 years	6,390	4	18	82	248	921	1,844	2,080	1,193
9 - 11 years	3,219	26	80	235	454	789	867	572	196
12 years	5,478	46	169	439	839	1,284	1,538	884	279
13 - 15 years	1,392	16	56	155	214	353	357	179	62
16 years or more	823	2	17	68	120	193	193	152	78
Not stated	1,938	5	18	54	136	379	500	535	311
Black, female	19,528	68	209	531	1,178	2,586	4,690	5,688	4,578
0 - 8 years	6,562	3	8	28	112	510	1,367	2,335	2,199
9 - 11 years	3,254	20	48	106	250	592	883	868	487
12 years	5,618	30	95	243	549	976	1,554	1,360	811
13 - 15 years	1,293	9	44	103	157	227	273	258	222
16 years or more	907	3	10	33	55	118	206	267	215
Not stated	1,894	3	4	18	55	163	407	600	644

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Cerebrovascular diseases (430-438)									
All races, both sexes	90,384	151	551	1,432	2,744	6,076	16,132	31,379	31,919
0 - 8 years	26,589	15	44	108	319	1,151	3,679	9,347	11,926
9 - 11 years	10,495	51	93	218	435	927	2,257	3,792	2,722
12 years	29,141	48	243	630	1,174	2,359	6,133	10,095	8,459
13 - 15 years	9,605	28	92	249	389	734	1,713	3,116	3,284
16 years or more	8,564	7	56	169	297	585	1,398	3,010	3,042
Not stated	5,990	2	23	58	130	320	952	2,019	2,486
All races, male	35,420	86	275	758	1,437	3,225	8,177	13,096	8,366
0 - 8 years	10,398	10	30	62	170	643	1,947	4,131	3,405
9 - 11 years	4,498	30	51	121	243	507	1,121	1,657	768
12 years	10,845	28	120	330	589	1,132	2,861	3,828	1,957
13 - 15 years	3,501	14	35	122	192	378	872	1,223	665
16 years or more	3,958	2	29	90	170	376	874	1,453	964
Not stated	2,220	2	10	33	73	189	502	804	607
All races, female	54,964	65	276	674	1,307	2,851	7,955	18,283	23,553
0 - 8 years	16,191	5	14	46	149	508	1,732	5,216	8,521
9 - 11 years	5,997	21	42	97	192	420	1,136	2,135	1,954
12 years	18,296	20	123	300	585	1,227	3,272	6,267	6,502
13 - 15 years	6,104	14	57	127	197	356	841	1,893	2,619
16 years or more	4,606	5	27	79	127	209	524	1,557	2,078
Not stated	3,770	-	13	25	57	131	450	1,215	1,879
White, both sexes	79,924	111	390	936	1,927	4,653	13,686	28,360	29,861
0 - 8 years	22,783	14	37	78	210	797	2,778	7,997	10,872
9 - 11 years	8,945	38	63	120	281	666	1,864	3,391	2,522
12 years	26,411	35	164	404	844	1,869	5,502	9,470	8,123
13 - 15 years	8,874	18	62	177	289	600	1,564	2,985	3,179
16 years or more	7,947	5	46	131	231	490	1,266	2,836	2,942
Not stated	4,964	1	18	26	72	231	712	1,681	2,223
White, male	30,764	69	200	498	982	2,479	6,963	11,841	7,732
0 - 8 years	8,727	10	24	44	108	444	1,474	3,554	3,069
9 - 11 years	3,794	24	33	65	153	368	934	1,494	723
12 years	9,635	22	85	210	411	897	2,583	3,584	1,843
13 - 15 years	3,179	10	24	90	135	313	797	1,173	637
16 years or more	3,686	2	25	74	140	322	809	1,379	935
Not stated	1,743	1	9	15	35	135	366	657	525
White, female	49,160	42	190	438	945	2,174	6,723	16,519	22,129
0 - 8 years	14,056	4	13	34	102	353	1,304	4,443	7,803
9 - 11 years	5,151	14	30	55	128	298	930	1,897	1,799
12 years	16,776	13	79	194	433	972	2,919	5,886	6,280
13 - 15 years	5,695	8	38	87	154	287	767	1,812	2,542
16 years or more	4,261	3	21	57	91	168	457	1,457	2,007
Not stated	3,221	-	9	11	37	96	346	1,024	1,698
All other, both sexes	10,460	40	161	496	817	1,423	2,446	3,019	2,058
0 - 8 years	3,806	1	7	30	109	354	901	1,350	1,054
9 - 11 years	1,550	13	30	98	154	261	393	401	200
12 years	2,730	13	79	226	330	490	631	625	336
13 - 15 years	731	10	30	72	100	134	149	131	105
16 years or more	617	2	10	38	66	95	132	174	100
Not stated	1,026	1	5	32	58	89	240	338	263
All other, male	4,656	17	75	260	455	746	1,214	1,255	634
0 - 8 years	1,671	-	6	18	62	199	473	577	336
9 - 11 years	704	6	18	56	90	139	187	163	45
12 years	1,210	6	35	120	178	235	278	244	114
13 - 15 years	322	4	11	32	57	65	75	50	28
16 years or more	272	-	4	16	30	54	65	74	29
Not stated	477	1	1	18	38	54	136	147	82
All other, female	5,804	23	86	236	362	677	1,232	1,764	1,424
0 - 8 years	2,135	1	1	12	47	155	428	773	718
9 - 11 years	846	7	12	42	64	122	206	238	155
12 years	1,520	7	44	106	152	255	353	381	222
13 - 15 years	409	6	19	40	43	69	74	81	77
16 years or more	345	2	6	22	36	41	67	100	71
Not stated	549	-	4	14	20	35	104	191	181
Black, both sexes	8,819	32	144	446	700	1,215	2,057	2,540	1,685
0 - 8 years	3,164	-	6	28	87	295	774	1,124	850
9 - 11 years	1,401	11	29	96	145	235	350	360	175
12 years	2,311	12	69	206	290	428	511	521	274
13 - 15 years	606	6	28	59	82	116	120	104	91
16 years or more	435	2	7	27	42	63	93	127	74
Not stated	902	1	5	30	54	78	209	304	221
Black, male	3,855	13	63	233	405	645	1,012	997	487
0 - 8 years	1,403	-	5	18	55	178	412	472	263
9 - 11 years	625	4	17	54	88	128	166	134	34
12 years	1,004	5	30	109	162	206	216	190	86
13 - 15 years	250	3	9	25	46	52	58	34	23
16 years or more	156	-	1	10	18	31	40	41	15
Not stated	417	1	1	17	36	50	120	126	66
Black, female	4,964	19	81	213	295	570	1,045	1,543	1,198
0 - 8 years	1,761	-	1	10	32	117	362	652	587
9 - 11 years	776	7	12	42	57	107	184	226	141
12 years	1,307	7	39	97	128	222	295	331	188
13 - 15 years	356	3	19	34	36	64	62	70	68
16 years or more	279	2	6	17	24	32	53	86	59
Not stated	485	-	4	13	18	28	89	178	155

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Pneumonia and influenza (480-487)									
All races, both sexes	48,730	124	421	715	980	2,325	6,525	15,739	21,901
0 - 8 years	15,381	26	61	87	144	463	1,483	4,662	8,455
9 - 11 years	5,351	24	69	113	180	368	905	1,899	1,793
12 years	15,170	36	173	292	376	872	2,486	5,141	5,794
13 - 15 years	4,648	16	65	102	107	239	649	1,503	1,967
16 years or more	4,447	3	37	83	95	198	545	1,444	2,042
Not stated	3,733	19	16	38	78	185	457	1,090	1,850
All races, male	22,522	70	277	472	591	1,451	3,918	8,033	7,710
0 - 8 years	7,243	11	40	52	91	322	941	2,550	3,236
9 - 11 years	2,695	15	46	74	113	229	557	980	681
12 years	6,540	22	114	191	217	494	1,347	2,418	1,737
13 - 15 years	1,982	11	40	66	57	135	403	708	562
16 years or more	2,341	2	26	60	63	140	375	814	861
Not stated	1,721	9	11	29	50	131	295	563	633
All races, female	26,208	54	144	243	389	874	2,607	7,706	14,191
0 - 8 years	8,138	15	21	35	53	141	542	2,112	5,219
9 - 11 years	2,656	9	23	39	67	139	348	919	1,112
12 years	8,630	14	59	101	159	378	1,139	2,723	4,057
13 - 15 years	2,666	5	25	36	50	104	246	795	1,405
16 years or more	2,106	1	11	23	32	58	170	630	1,181
Not stated	2,012	10	5	9	28	54	162	527	1,217
White, both sexes	44,306	88	279	463	722	1,861	5,714	14,491	20,688
0 - 8 years	13,752	19	49	65	102	349	1,217	4,110	7,841
9 - 11 years	4,712	17	37	61	119	272	764	1,748	1,694
12 years	14,029	22	111	186	271	716	2,256	4,865	5,602
13 - 15 years	4,374	9	39	68	92	211	603	1,434	1,918
16 years or more	4,218	3	31	64	80	175	514	1,380	1,971
Not stated	3,221	18	12	19	58	138	360	954	1,662
White, male	20,074	53	182	302	421	1,168	3,416	7,329	7,203
0 - 8 years	6,365	9	32	39	62	248	759	2,229	2,987
9 - 11 years	2,319	13	23	41	68	171	474	889	640
12 years	5,914	14	72	117	152	409	1,212	2,280	1,658
13 - 15 years	1,835	7	26	44	49	120	378	670	541
16 years or more	2,200	2	21	47	52	125	355	773	825
Not stated	1,441	8	8	14	38	95	238	488	552
White, female	24,232	35	97	161	301	693	2,298	7,162	13,485
0 - 8 years	7,387	10	17	26	40	101	458	1,881	4,854
9 - 11 years	2,393	4	14	20	51	101	290	859	1,054
12 years	8,115	8	39	69	119	307	1,044	2,585	3,944
13 - 15 years	2,539	2	13	24	43	91	225	764	1,377
16 years or more	2,018	1	10	17	28	50	159	607	1,146
Not stated	1,780	10	4	5	20	43	122	466	1,110
All other, both sexes	4,424	36	142	252	258	464	811	1,248	1,213
0 - 8 years	1,629	7	12	22	42	114	266	552	614
9 - 11 years	639	7	32	52	61	96	141	151	99
12 years	1,141	14	62	106	105	156	230	276	192
13 - 15 years	274	7	26	34	15	28	46	69	49
16 years or more	229	-	6	19	15	23	31	64	71
Not stated	512	1	4	19	20	47	97	136	188
All other, male	2,448	17	95	170	170	283	502	704	507
0 - 8 years	878	2	8	13	29	74	182	321	249
9 - 11 years	376	2	23	33	45	58	83	91	41
12 years	626	8	42	74	65	85	135	138	79
13 - 15 years	147	4	14	22	8	15	25	38	21
16 years or more	141	-	5	13	11	15	20	41	36
Not stated	280	1	3	15	12	36	57	75	81
All other, female	1,976	19	47	82	88	181	309	544	706
0 - 8 years	751	5	4	9	13	40	84	231	365
9 - 11 years	263	5	9	19	16	38	58	60	58
12 years	515	6	20	32	40	71	95	138	113
13 - 15 years	127	3	12	12	7	13	21	31	28
16 years or more	88	-	1	6	4	8	11	23	35
Not stated	232	-	1	4	8	11	40	61	107
Black, both sexes	3,583	30	129	232	231	399	702	978	882
0 - 8 years	1,259	4	11	19	38	91	233	426	437
9 - 11 years	557	5	28	50	57	87	126	126	78
12 years	976	13	55	100	98	142	197	221	150
13 - 15 years	215	7	26	31	13	23	36	50	29
16 years or more	147	-	5	16	10	14	23	37	42
Not stated	429	1	4	16	15	42	87	118	146
Black, male	1,986	15	89	161	152	246	437	535	351
0 - 8 years	703	2	8	13	27	62	162	251	178
9 - 11 years	327	1	21	33	42	53	75	71	31
12 years	529	7	39	70	59	78	115	105	56
13 - 15 years	108	4	14	20	6	14	17	23	10
16 years or more	77	-	4	12	8	7	14	19	13
Not stated	242	1	3	13	10	32	54	66	63
Black, female	1,597	15	40	71	79	153	265	443	531
0 - 8 years	556	2	3	6	11	29	71	175	259
9 - 11 years	230	4	7	17	15	34	51	55	47
12 years	447	6	16	30	39	64	82	116	94
13 - 15 years	107	3	12	11	7	9	19	27	19
16 years or more	70	-	1	4	2	7	9	18	29
Not stated	187	-	1	3	5	10	33	52	83

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Chronic obstructive pulmonary diseases and allied conditions (490-496)									
All races, both sexes	55,161	108	186	366	1,345	6,329	17,485	20,783	8,559
0 - 8 years	14,307	4	18	29	209	1,231	3,778	5,813	3,225
9 - 11 years	7,614	37	24	56	270	1,172	2,618	2,668	769
12 years	20,039	45	88	150	530	2,493	6,979	7,353	2,401
13 - 15 years	5,540	13	29	68	167	633	1,880	1,998	752
16 years or more	4,225	5	20	47	102	442	1,259	1,636	714
Not stated	3,436	4	7	16	67	358	971	1,315	698
All races, male	31,342	56	101	198	709	3,561	10,135	12,074	4,508
0 - 8 years	9,422	2	12	18	108	797	2,561	3,956	1,968
9 - 11 years	4,485	21	15	32	138	655	1,573	1,607	444
12 years	10,160	24	47	78	272	1,280	3,563	3,831	1,065
13 - 15 years	2,761	5	14	32	95	330	1,018	980	287
16 years or more	2,444	2	9	28	59	277	802	910	357
Not stated	2,070	2	4	10	37	222	618	790	387
All races, female	23,819	52	85	168	636	2,768	7,350	8,709	4,051
0 - 8 years	4,885	2	6	11	101	434	1,217	1,857	1,257
9 - 11 years	3,129	16	9	24	132	517	1,045	1,061	325
12 years	9,879	21	41	72	258	1,213	3,416	3,522	1,336
13 - 15 years	2,779	8	15	36	72	303	862	1,018	465
16 years or more	1,781	3	11	19	43	165	457	726	357
Not stated	1,366	2	3	6	30	136	353	525	311
White, both sexes	51,458	65	111	248	1,112	5,680	16,361	19,726	8,153
0 - 8 years	13,096	4	15	22	180	1,078	3,408	5,362	3,027
9 - 11 years	6,974	19	10	38	208	1,032	2,414	2,522	731
12 years	18,962	26	51	98	451	2,266	6,646	7,100	2,324
13 - 15 years	5,267	8	20	39	134	584	1,803	1,945	734
16 years or more	4,057	5	13	39	88	410	1,204	1,596	702
Not stated	3,102	3	2	12	51	310	886	1,203	635
White, male	28,951	30	60	137	577	3,167	9,376	11,346	4,258
0 - 8 years	8,576	2	11	14	96	696	2,292	3,623	1,842
9 - 11 years	4,076	9	5	25	105	566	1,434	1,511	421
12 years	9,517	13	29	51	222	1,153	3,358	3,667	1,024
13 - 15 years	2,611	3	9	15	79	307	972	949	277
16 years or more	2,335	2	5	25	50	258	763	881	351
Not stated	1,836	1	1	7	25	187	557	715	343
White, female	22,507	35	51	111	535	2,513	6,985	8,382	3,895
0 - 8 years	4,520	2	4	8	84	382	1,116	1,739	1,185
9 - 11 years	2,898	10	5	13	103	466	980	1,011	310
12 years	9,445	13	22	47	229	1,113	3,288	3,433	1,300
13 - 15 years	2,656	5	11	24	55	277	831	996	457
16 years or more	1,722	3	6	14	38	152	441	715	351
Not stated	1,266	2	1	5	26	123	329	488	292
All other, both sexes	3,703	43	75	118	233	649	1,124	1,055	406
0 - 8 years	1,211	–	3	7	29	153	370	451	198
9 - 11 years	640	18	14	18	62	140	204	146	38
12 years	1,077	19	37	52	79	227	333	253	77
13 - 15 years	273	5	9	29	33	49	77	53	18
16 years or more	168	–	7	8	14	32	55	40	12
Not stated	334	1	5	4	16	48	85	112	63
All other, male	2,391	26	41	61	132	394	759	728	250
0 - 8 years	846	–	1	4	12	101	269	333	126
9 - 11 years	409	12	10	7	33	89	139	96	23
12 years	643	11	18	27	50	127	205	164	41
13 - 15 years	150	2	5	17	16	23	46	31	10
16 years or more	109	–	4	3	9	19	39	29	6
Not stated	234	1	3	3	12	35	61	75	44
All other, female	1,312	17	34	57	101	255	365	327	156
0 - 8 years	365	–	2	3	17	52	101	118	72
9 - 11 years	231	6	4	11	29	51	65	50	15
12 years	434	8	19	25	29	100	128	89	36
13 - 15 years	123	3	4	12	17	26	31	22	8
16 years or more	59	–	3	5	5	13	16	11	6
Not stated	100	–	2	1	4	13	24	37	19
Black, both sexes	3,061	38	70	104	205	560	949	845	290
0 - 8 years	956	–	2	3	25	128	295	365	138
9 - 11 years	577	15	14	17	59	127	186	128	31
12 years	924	17	34	50	73	203	291	200	56
13 - 15 years	210	5	8	24	26	35	64	39	9
16 years or more	113	–	7	6	10	21	40	21	8
Not stated	281	1	5	4	12	46	73	92	48
Black, male	1,967	24	39	57	115	345	633	578	176
0 - 8 years	689	–	1	2	10	86	219	278	93
9 - 11 years	375	10	10	7	32	87	127	84	18
12 years	529	11	16	27	44	111	175	120	25
13 - 15 years	114	2	5	15	11	17	37	23	4
16 years or more	62	–	4	3	7	9	25	12	2
Not stated	198	1	3	3	11	35	50	61	34
Black, female	1,094	14	31	47	90	215	316	267	114
0 - 8 years	267	–	1	1	15	42	76	87	45
9 - 11 years	202	5	4	10	27	40	59	44	13
12 years	395	6	18	23	29	92	116	80	31
13 - 15 years	96	3	3	9	15	18	27	16	5
16 years or more	51	–	3	3	3	12	15	9	6
Not stated	83	–	2	1	1	11	23	31	14

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Accidents and adverse effects (E800-E949)									
All races, both sexes	52,505	10,036	9,959	7,337	4,551	4,444	5,098	6,165	4,915
0 - 8 years	7,938	642	698	525	501	826	1,083	1,792	1,871
9 - 11 years	9,291	3,412	1,872	1,026	624	607	659	683	408
12 years	20,203	3,861	4,673	3,125	1,807	1,617	1,865	1,967	1,288
13 - 15 years	7,227	1,543	1,491	1,352	646	542	545	625	483
16 years or more	4,773	263	754	897	616	521	576	671	475
Not stated	3,073	315	471	412	357	331	370	427	390
All races, male	35,618	7,716	7,848	5,628	3,291	3,044	3,090	3,083	1,918
0 - 8 years	5,099	549	588	418	401	634	716	995	798
9 - 11 years	6,682	2,597	1,512	784	462	415	400	342	170
12 years	13,910	3,025	3,765	2,447	1,258	1,040	1,030	906	439
13 - 15 years	4,725	1,119	1,063	1,008	431	349	335	274	146
16 years or more	3,118	174	530	647	457	375	369	360	206
Not stated	2,084	252	390	324	282	231	240	206	159
All races, female	16,887	2,320	2,111	1,709	1,260	1,400	2,008	3,082	2,997
0 - 8 years	2,839	93	110	107	100	192	367	797	1,073
9 - 11 years	2,609	815	360	242	162	192	259	341	238
12 years	6,293	836	908	678	549	577	835	1,061	849
13 - 15 years	2,502	424	428	344	215	193	210	351	337
16 years or more	1,655	89	224	250	159	146	207	311	269
Not stated	989	63	81	88	75	100	130	221	231
White, both sexes	45,403	8,752	8,391	6,046	3,768	3,766	4,486	5,598	4,596
0 - 8 years	6,861	590	625	435	402	660	885	1,542	1,722
9 - 11 years	7,805	2,973	1,529	772	485	481	574	614	377
12 years	17,537	3,347	3,926	2,575	1,505	1,411	1,693	1,850	1,230
13 - 15 years	6,360	1,344	1,263	1,154	545	478	515	597	464
16 years or more	4,311	232	654	785	549	468	529	636	458
Not stated	2,529	266	394	325	282	268	290	359	345
White, male	30,538	6,719	6,653	4,655	2,713	2,561	2,698	2,772	1,767
0 - 8 years	4,374	507	538	354	319	503	582	845	726
9 - 11 years	5,562	2,244	1,247	597	350	323	343	303	155
12 years	11,960	2,630	3,169	2,018	1,050	903	928	845	417
13 - 15 years	4,117	970	904	654	364	309	319	261	136
16 years or more	2,844	155	471	581	408	342	343	344	200
Not stated	1,681	213	324	251	222	181	183	174	133
White, female	14,865	2,033	1,738	1,391	1,055	1,205	1,788	2,826	2,829
0 - 8 years	2,487	83	87	81	83	157	303	697	996
9 - 11 years	2,243	729	282	175	135	158	231	311	222
12 years	5,577	717	757	557	455	508	765	1,005	813
13 - 15 years	2,243	374	359	300	181	169	196	336	328
16 years or more	1,467	77	183	204	141	126	186	292	258
Not stated	848	53	70	74	60	87	107	185	212
All other, both sexes	7,102	1,284	1,568	1,291	783	678	612	567	319
0 - 8 years	1,077	52	73	90	99	166	198	250	149
9 - 11 years	1,486	439	343	254	139	126	85	69	31
12 years	2,666	514	747	550	302	206	172	117	58
13 - 15 years	867	199	228	198	101	64	30	28	19
16 years or more	462	31	100	112	67	53	47	35	17
Not stated	544	49	77	87	75	63	80	68	45
All other, male	5,080	997	1,195	973	578	489	392	311	151
0 - 8 years	725	42	50	64	82	131	134	150	72
9 - 11 years	1,120	353	265	187	112	92	57	39	15
12 years	1,950	395	596	429	208	137	102	61	22
13 - 15 years	608	149	159	154	67	40	16	13	10
16 years or more	274	19	59	66	49	33	26	16	6
Not stated	403	39	66	73	60	50	57	32	26
All other, female	2,022	287	373	318	205	195	220	256	168
0 - 8 years	352	10	23	26	17	35	64	100	77
9 - 11 years	366	86	78	67	27	34	28	30	16
12 years	716	119	151	121	94	69	70	56	36
13 - 15 years	259	50	69	44	34	24	14	15	9
16 years or more	188	12	41	46	18	20	21	19	11
Not stated	141	10	11	14	15	13	23	36	19
Black, both sexes	5,614	932	1,243	1,050	633	559	498	442	257
0 - 8 years	829	36	44	64	73	130	164	201	117
9 - 11 years	1,233	327	288	222	125	111	72	59	29
12 years	2,193	394	630	460	258	174	142	85	50
13 - 15 years	647	119	173	167	75	52	24	24	13
16 years or more	259	20	46	67	37	35	28	14	12
Not stated	453	36	62	70	65	57	68	59	36
Black, male	4,047	737	954	801	482	407	326	231	109
0 - 8 years	576	31	32	48	64	110	114	123	54
9 - 11 years	932	271	220	164	100	81	50	32	14
12 years	1,609	306	503	360	183	118	88	36	15
13 - 15 years	453	88	122	130	54	31	13	10	5
16 years or more	143	12	24	40	28	22	12	3	2
Not stated	334	29	53	59	53	45	49	27	19
Black, female	1,567	195	289	249	151	152	172	211	148
0 - 8 years	253	5	12	16	9	20	50	78	63
9 - 11 years	301	56	68	58	25	30	22	27	15
12 years	584	88	127	100	75	56	54	49	35
13 - 15 years	194	31	51	37	21	21	11	14	8
16 years or more	116	8	22	27	9	13	16	11	10
Not stated	119	7	9	11	12	12	19	32	17

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Motor vehicle accidents (E810-E825)									
All races, both sexes	27,070	7,832	6,281	3,941	2,403	2,088	2,094	1,820	611
0 - 8 years	3,007	442	448	269	256	400	428	549	215
9 - 11 years	5,356	2,629	1,119	511	308	284	264	178	63
12 years	11,023	3,109	2,987	1,701	984	741	765	578	158
13 - 15 years	4,072	1,241	966	759	354	265	241	185	61
16 years or more	2,341	207	491	510	340	249	258	225	61
Not stated	1,271	204	270	191	161	149	138	105	53
All races, male	18,956	5,825	4,784	2,855	1,651	1,342	1,183	958	358
0 - 8 years	2,190	375	371	211	201	289	265	334	144
9 - 11 years	3,862	1,922	881	368	216	173	162	101	39
12 years	7,817	2,378	2,337	1,256	659	453	382	269	83
13 - 15 years	2,672	863	647	527	223	166	135	86	25
16 years or more	1,501	133	325	349	228	166	151	116	33
Not stated	914	154	223	144	124	95	88	52	34
All races, female	8,114	2,007	1,497	1,086	752	746	911	862	253
0 - 8 years	817	67	77	58	55	111	163	215	71
9 - 11 years	1,494	707	238	143	92	111	102	77	24
12 years	3,206	731	650	445	325	288	383	309	75
13 - 15 years	1,400	378	319	232	131	99	106	99	36
16 years or more	840	74	166	161	112	83	107	109	28
Not stated	357	50	47	47	37	54	50	53	19
White, both sexes	23,581	6,918	5,381	3,318	2,039	1,805	1,883	1,671	566
0 - 8 years	2,618	412	399	222	215	331	369	478	192
9 - 11 years	4,625	2,328	944	399	255	239	236	165	59
12 years	9,664	2,739	2,572	1,454	838	657	707	543	154
13 - 15 years	3,541	1,082	813	646	305	236	224	176	59
16 years or more	2,066	180	422	441	296	217	236	215	59
Not stated	1,067	177	231	156	130	125	111	94	43
White, male	16,431	5,128	4,106	2,416	1,394	1,145	1,054	865	323
0 - 8 years	1,909	350	340	181	168	236	224	286	124
9 - 11 years	3,308	1,685	739	291	175	143	145	93	37
12 years	6,800	2,097	2,004	1,070	561	392	349	248	79
13 - 15 years	2,315	748	548	447	192	147	126	83	24
16 years or more	1,342	116	286	311	199	149	139	110	32
Not stated	757	132	189	116	99	78	71	45	27
White, female	7,150	1,790	1,275	902	645	660	829	806	243
0 - 8 years	709	62	59	41	47	95	145	192	68
9 - 11 years	1,317	643	205	108	80	96	91	72	22
12 years	2,864	642	568	384	277	265	358	295	75
13 - 15 years	1,226	334	265	199	113	89	98	93	35
16 years or more	724	64	136	130	97	68	97	105	27
Not stated	310	45	42	40	31	47	40	49	16
All other, both sexes	3,489	914	900	623	364	283	211	149	45
0 - 8 years	389	30	49	47	41	69	59	71	23
9 - 11 years	731	301	175	112	53	45	28	13	4
12 years	1,359	370	415	247	146	84	58	35	4
13 - 15 years	531	159	153	113	49	29	17	9	2
16 years or more	275	27	69	69	44	32	22	10	2
Not stated	204	27	39	35	31	24	27	11	10
All other, male	2,525	697	678	439	257	197	129	93	35
0 - 8 years	281	25	31	30	33	53	41	48	20
9 - 11 years	554	237	142	77	41	30	17	8	2
12 years	1,017	281	333	186	98	61	33	21	4
13 - 15 years	357	115	99	60	31	19	9	3	1
16 years or more	159	17	39	38	29	17	12	6	1
Not stated	157	22	34	28	25	17	17	7	7
All other, female	964	217	222	184	107	86	82	56	10
0 - 8 years	108	5	18	17	8	16	18	23	3
9 - 11 years	177	64	33	35	12	15	11	5	2
12 years	342	89	82	61	48	23	25	14	-
13 - 15 years	174	44	54	33	18	10	8	6	1
16 years or more	116	10	30	31	15	15	10	4	1
Not stated	47	5	5	7	6	7	10	4	3
Black, both sexes	2,528	634	666	467	262	214	159	96	30
0 - 8 years	254	19	27	27	27	45	43	48	18
9 - 11 years	570	219	140	92	43	41	21	11	3
12 years	1,042	274	330	192	112	67	45	20	2
13 - 15 years	372	89	113	94	34	22	13	6	1
16 years or more	136	16	26	36	20	19	16	2	1
Not stated	154	17	30	26	26	20	21	9	5
Black, male	1,889	501	507	342	196	156	104	60	23
0 - 8 years	202	17	19	19	24	39	31	37	16
9 - 11 years	441	182	111	64	33	28	15	6	2
12 years	797	214	264	149	80	50	29	9	2
13 - 15 years	251	63	74	67	25	14	7	1	-
16 years or more	76	10	12	22	12	11	8	1	-
Not stated	122	15	27	21	22	14	14	6	3
Black, female	639	133	159	125	66	58	55	36	7
0 - 8 years	52	2	8	8	3	6	12	11	2
9 - 11 years	129	37	29	28	10	13	6	5	1
12 years	245	60	66	43	32	17	16	11	-
13 - 15 years	121	26	39	27	9	8	6	5	1
16 years or more	60	6	14	14	8	8	8	1	1
Not stated	32	2	3	5	4	6	7	3	2

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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 other accidents and adverse effects (E800-E807,E826-E949)									
All races, both sexes	25,435	2,204	3,678	3,396	2,148	2,356	3,004	4,345	4,304
0 - 8 years	4,931	200	250	256	245	426	655	1,243	1,656
9 - 11 years	3,935	783	753	515	316	323	395	505	345
12 years	9,180	752	1,686	1,424	823	876	1,100	1,389	1,130
13 - 15 years	3,155	302	525	593	292	277	304	440	422
16 years or more	2,432	56	263	387	276	272	318	446	414
Not stated	1,802	111	201	221	196	182	232	322	337
All races, male	16,662	1,891	3,064	2,773	1,640	1,702	1,907	2,125	1,560
0 - 8 years	2,909	174	217	207	200	345	451	661	654
9 - 11 years	2,820	675	631	416	246	242	238	241	131
12 years	6,093	647	1,428	1,191	599	587	648	637	356
13 - 15 years	2,053	256	416	481	208	183	200	188	121
16 years or more	1,617	41	205	298	229	209	218	244	173
Not stated	1,170	98	167	180	158	136	152	154	125
All races, female	8,773	313	614	623	508	654	1,097	2,220	2,744
0 - 8 years	2,022	26	33	49	45	81	204	582	1,002
9 - 11 years	1,115	108	122	99	70	81	157	264	214
12 years	3,087	105	258	233	224	289	452	752	774
13 - 15 years	1,102	46	109	112	84	94	104	252	301
16 years or more	815	15	58	89	47	63	100	202	241
Not stated	632	13	34	41	38	46	80	168	212
White, both sexes	21,822	1,834	3,010	2,728	1,729	1,961	2,603	3,927	4,030
0 - 8 years	4,243	178	226	213	187	329	516	1,064	1,530
9 - 11 years	3,180	645	585	373	230	242	338	449	318
12 years	7,873	608	1,354	1,121	667	754	986	1,307	1,076
13 - 15 years	2,819	262	450	508	240	242	291	421	405
16 years or more	2,245	52	232	344	253	251	293	421	399
Not stated	1,462	89	163	169	152	143	179	265	302
White, male	14,107	1,591	2,547	2,239	1,319	1,416	1,644	1,907	1,444
0 - 8 years	2,465	157	198	173	151	267	358	559	602
9 - 11 years	2,254	559	508	306	175	180	198	210	118
12 years	5,160	533	1,165	948	489	511	579	597	338
13 - 15 years	1,802	222	356	407	172	162	193	178	112
16 years or more	1,502	39	185	270	209	193	204	234	168
Not stated	924	81	135	135	123	103	112	129	106
White, female	7,715	243	463	489	410	545	959	2,020	2,586
0 - 8 years	1,778	21	28	40	36	62	158	505	928
9 - 11 years	926	86	77	67	55	62	140	239	200
12 years	2,713	75	189	173	178	243	407	710	738
13 - 15 years	1,017	40	94	101	68	80	98	243	293
16 years or more	743	13	47	74	44	58	89	187	231
Not stated	538	8	28	34	29	40	67	136	196
All other, both sexes	3,613	370	668	668	419	395	401	418	274
0 - 8 years	688	22	24	43	58	97	139	179	126
9 - 11 years	755	138	168	142	86	81	57	56	27
12 years	1,307	144	332	303	156	122	114	82	54
13 - 15 years	336	40	75	85	52	35	13	19	17
16 years or more	187	4	31	43	23	21	25	25	15
Not stated	340	22	38	52	44	39	53	57	35
All other, male	2,555	300	517	534	321	286	269	218	116
0 - 8 years	444	17	19	34	49	78	93	102	52
9 - 11 years	566	116	123	110	71	62	40	31	13
12 years	933	114	263	243	110	76	69	40	18
13 - 15 years	251	34	60	74	36	21	7	10	9
16 years or more	115	2	20	28	20	16	14	10	5
Not stated	246	17	32	45	35	33	40	25	19
All other, female	1,058	70	151	134	98	109	138	200	158
0 - 8 years	244	5	5	9	9	19	46	77	74
9 - 11 years	189	22	45	32	15	19	17	25	14
12 years	374	30	69	60	46	46	45	42	36
13 - 15 years	85	6	15	11	16	14	6	9	8
16 years or more	72	2	11	15	3	5	11	15	10
Not stated	94	5	6	7	9	6	13	32	16
Black, both sexes	3,086	298	577	583	371	345	339	346	227
0 - 8 years	575	17	17	37	46	85	121	153	99
9 - 11 years	663	108	148	130	82	70	51	48	26
12 years	1,151	120	300	268	146	107	97	65	48
13 - 15 years	275	30	60	73	41	30	11	18	12
16 years or more	123	4	20	31	17	16	12	12	11
Not stated	299	19	32	44	39	37	47	50	31
Black, male	2,158	236	447	459	286	251	222	171	86
0 - 8 years	374	14	13	29	40	71	83	86	38
9 - 11 years	491	89	109	100	67	53	35	26	12
12 years	812	92	239	211	103	68	59	27	13
13 - 15 years	202	25	48	63	29	17	6	9	5
16 years or more	67	2	12	18	16	11	4	2	2
Not stated	212	14	26	38	31	31	35	21	16
Black, female	928	62	130	124	85	94	117	175	141
0 - 8 years	201	3	4	8	6	14	38	67	61
9 - 11 years	172	19	39	30	15	17	16	22	14
12 years	339	28	61	57	43	39	38	38	35
13 - 15 years	73	5	12	10	12	13	5	9	7
16 years or more	56	2	8	13	1	5	8	10	9
Not stated	87	5	6	6	8	6	12	29	15

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Suicide (E950-E959)									
All races, both sexes	19,830	3,103	4,146	3,727	2,348	2,194	2,134	1,724	454
0 - 8 years	1,804	129	169	137	148	228	378	447	168
9 - 11 years	3,227	1,090	698	391	229	291	285	214	29
12 years	8,134	1,257	1,950	1,560	971	890	816	574	116
13 - 15 years	3,219	487	744	800	389	299	293	165	42
16 years or more	2,667	73	452	714	518	383	259	208	60
Not stated	779	67	133	125	93	103	103	116	39
All races, male	15,851	2,678	3,363	2,858	1,788	1,658	1,696	1,438	372
0 - 8 years	1,578	119	147	113	124	192	327	402	154
9 - 11 years	2,679	928	594	301	183	233	228	188	24
12 years	6,508	1,115	1,628	1,229	730	639	621	462	84
13 - 15 years	2,403	399	564	583	277	211	225	119	25
16 years or more	2,036	59	317	528	398	304	211	168	51
Not stated	647	58	113	104	76	79	84	99	34
All races, female	3,979	425	783	869	560	536	438	286	82
0 - 8 years	226	10	22	24	24	36	51	45	14
9 - 11 years	548	162	104	90	46	58	57	26	5
12 years	1,626	142	322	331	241	251	195	112	32
13 - 15 years	816	88	180	217	112	88	68	46	17
16 years or more	631	14	135	186	120	79	48	40	9
Not stated	132	9	20	21	17	24	19	17	5
White, both sexes	18,231	2,698	3,650	3,409	2,211	2,096	2,046	1,683	438
0 - 8 years	1,662	104	147	124	132	214	351	431	159
9 - 11 years	2,913	956	608	348	211	284	273	205	28
12 years	7,487	1,091	1,726	1,429	917	852	791	569	112
13 - 15 years	2,954	428	659	729	368	283	284	162	41
16 years or more	2,520	65	406	667	497	370	250	206	59
Not stated	695	54	104	112	86	93	97	110	39
White, male	14,579	2,326	2,960	2,621	1,680	1,589	1,632	1,408	363
0 - 8 years	1,464	97	128	103	109	184	305	388	150
9 - 11 years	2,416	809	516	267	171	228	221	181	23
12 years	5,987	965	1,445	1,130	688	613	605	460	81
13 - 15 years	2,203	356	498	527	265	198	218	116	25
16 years or more	1,932	53	285	501	378	295	203	167	50
Not stated	577	46	88	93	69	71	80	96	34
White, female	3,652	372	690	788	531	507	414	275	75
0 - 8 years	198	7	19	21	23	30	46	43	9
9 - 11 years	497	147	92	81	40	56	52	24	5
12 years	1,500	126	281	299	229	239	186	109	31
13 - 15 years	751	72	161	202	103	85	66	46	16
16 years or more	588	12	121	166	119	75	47	39	9
Not stated	118	8	16	19	17	22	17	14	5
All other, both sexes	1,599	405	496	318	137	98	88	41	16
0 - 8 years	142	25	22	13	16	14	27	16	9
9 - 11 years	314	134	90	43	18	7	12	9	1
12 years	647	166	224	131	54	38	25	5	4
13 - 15 years	265	59	85	71	21	16	9	3	1
16 years or more	147	8	46	47	21	13	9	2	1
Not stated	84	13	29	13	7	10	6	6	-
All other, male	1,272	352	403	237	108	69	64	30	9
0 - 8 years	114	22	19	10	15	8	22	14	4
9 - 11 years	263	119	78	34	12	5	7	7	1
12 years	521	150	183	99	42	26	16	2	3
13 - 15 years	200	43	66	56	12	13	7	3	-
16 years or more	104	6	32	27	20	9	8	1	1
Not stated	70	12	25	11	7	8	4	3	-
All other, female	327	53	93	81	29	29	24	11	7
0 - 8 years	28	3	3	3	1	6	5	2	5
9 - 11 years	51	15	12	9	6	2	5	2	-
12 years	126	16	41	32	12	12	9	3	1
13 - 15 years	65	16	19	15	9	3	2	-	1
16 years or more	43	2	14	20	1	4	1	1	-
Not stated	14	1	4	2	-	2	2	3	-
Black, both sexes	1,111	248	366	241	106	59	61	24	6
0 - 8 years	84	12	11	7	11	8	20	11	4
9 - 11 years	226	84	70	34	15	6	9	8	-
12 years	485	108	181	108	45	23	18	1	1
13 - 15 years	180	35	57	56	14	10	6	1	1
16 years or more	83	3	25	28	15	8	4	-	-
Not stated	53	6	22	8	6	4	4	3	-
Black, male	906	222	299	183	87	43	48	21	3
0 - 8 years	73	10	10	6	11	5	18	11	2
9 - 11 years	189	77	60	27	9	4	6	6	-
12 years	398	102	148	82	36	16	13	-	1
13 - 15 years	139	26	44	44	10	10	4	1	-
16 years or more	59	2	18	16	15	4	4	-	-
Not stated	48	5	19	8	6	4	3	3	-
Black, female	205	26	67	58	19	16	13	3	3
0 - 8 years	11	2	1	1	-	3	2	-	2
9 - 11 years	37	7	10	7	6	2	3	2	-
12 years	87	6	33	26	9	7	5	1	-
13 - 15 years	41	9	13	12	4	-	2	-	1
16 years or more	24	1	7	12	-	4	-	-	-
Not stated	5	1	3	-	-	-	1	-	-

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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
Homicide and legal intervention (E960-E978)									
All races, both sexes	14,443	4,612	4,631	2,699	1,120	637	407	249	88
0 - 8 years	1,718	446	452	305	160	131	105	90	29
9 - 11 years	4,278	2,139	1,245	498	205	103	51	27	10
12 years	5,500	1,510	2,009	1,111	415	218	148	68	21
13 - 15 years	1,448	310	511	380	125	58	29	23	12
16 years or more	657	42	157	218	125	59	32	16	8
Not stated	842	165	257	187	90	68	42	25	8
All races, male	11,557	3,929	3,681	2,161	870	479	274	125	38
0 - 8 years	1,443	392	399	254	132	116	83	52	15
9 - 11 years	3,605	1,868	1,030	404	174	80	29	15	5
12 years	4,339	1,281	1,587	886	312	151	88	24	10
13 - 15 years	1,009	227	341	291	86	33	16	11	4
16 years or more	463	26	105	167	86	44	24	9	2
Not stated	698	135	219	159	80	55	34	14	2
All races, female	2,886	683	950	538	250	158	133	124	50
0 - 8 years	275	54	53	51	28	15	22	38	14
9 - 11 years	673	271	215	94	31	23	22	12	5
12 years	1,161	229	422	225	103	67	60	44	11
13 - 15 years	439	83	170	89	39	25	13	12	8
16 years or more	194	16	52	51	39	15	8	7	6
Not stated	144	30	38	28	10	13	8	11	6
White, both sexes	7,335	2,015	2,223	1,477	718	395	277	173	57
0 - 8 years	1,282	348	373	234	118	79	59	55	16
9 - 11 years	1,871	872	545	233	115	54	33	15	4
12 years	2,490	539	858	547	235	129	109	59	14
13 - 15 years	753	142	215	209	90	45	22	19	11
16 years or more	451	29	91	144	96	46	26	12	7
Not stated	488	85	141	110	64	42	28	13	5
White, male	5,634	1,642	1,732	1,154	539	285	183	76	23
0 - 8 years	1,093	309	336	198	96	69	48	29	8
9 - 11 years	1,510	732	442	179	95	39	16	6	1
12 years	1,834	422	640	428	165	85	67	20	7
13 - 15 years	492	91	137	158	59	24	12	8	3
16 years or more	297	17	53	101	66	35	18	5	2
Not stated	408	71	124	90	58	33	22	8	2
White, female	1,701	373	491	323	179	110	94	97	34
0 - 8 years	189	39	37	36	22	10	11	26	8
9 - 11 years	361	140	103	54	20	15	17	9	3
12 years	656	117	218	119	70	44	42	39	7
13 - 15 years	261	51	78	51	31	21	10	11	8
16 years or more	154	12	38	43	30	11	8	7	5
Not stated	80	14	17	20	6	9	6	5	3
All other, both sexes	7,108	2,597	2,408	1,222	402	242	130	76	31
0 - 8 years	436	98	79	71	42	52	46	35	13
9 - 11 years	2,407	1,267	700	265	90	49	18	12	6
12 years	3,010	971	1,151	564	180	89	39	9	7
13 - 15 years	695	168	296	171	35	13	7	4	1
16 years or more	206	13	66	74	29	13	6	4	1
Not stated	354	80	116	77	26	26	14	12	3
All other, male	5,923	2,287	1,949	1,007	331	194	91	49	15
0 - 8 years	350	83	63	56	36	47	35	23	7
9 - 11 years	2,095	1,136	588	225	79	41	13	9	4
12 years	2,505	859	947	458	147	66	21	4	3
13 - 15 years	517	136	204	133	27	9	4	3	1
16 years or more	166	9	52	66	20	9	6	4	-
Not stated	290	64	95	69	22	22	12	6	-
All other, female	1,185	310	459	215	71	48	39	27	16
0 - 8 years	86	15	16	15	6	5	11	12	6
9 - 11 years	312	131	112	40	11	8	5	3	2
12 years	505	112	204	106	33	23	18	5	4
13 - 15 years	178	32	92	38	8	4	3	1	-
16 years or more	40	4	14	8	9	4	-	-	1
Not stated	64	16	21	8	4	4	2	6	3
Black, both sexes	6,734	2,476	2,300	1,147	366	224	119	74	28
0 - 8 years	392	91	68	58	36	50	43	35	11
9 - 11 years	2,313	1,212	674	258	88	45	18	12	6
12 years	2,880	928	1,110	545	166	82	35	8	6
13 - 15 years	656	156	284	163	31	11	6	4	1
16 years or more	162	12	57	55	19	10	4	4	1
Not stated	331	77	107	68	26	26	13	11	3
Black, male	5,643	2,185	1,874	950	307	184	82	48	13
0 - 8 years	321	76	58	47	33	47	32	23	5
9 - 11 years	2,020	1,092	568	218	77	39	13	9	4
12 years	2,404	819	913	448	137	62	18	4	3
13 - 15 years	493	128	200	126	24	7	4	3	1
16 years or more	133	9	47	48	14	7	4	4	-
Not stated	272	61	88	63	22	22	11	5	-
Black, female	1,091	291	426	197	59	40	37	26	15
0 - 8 years	71	15	10	11	3	3	11	12	6
9 - 11 years	293	120	106	40	11	6	5	3	2
12 years	476	109	197	97	29	20	17	4	3
13 - 15 years	163	28	84	37	7	4	2	1	-
16 years or more	29	3	10	7	5	3	-	-	1
Not stated	59	16	19	5	4	4	2	6	3

Table 1-47. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 28 States and the District of Columbia, 1990—Con.

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[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of the reporting states, see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over [1]	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 other causes									
All races, both sexes	217,869	2,455	5,774	10,179	11,864	21,689	42,462	63,731	59,715
0 - 8 years	57,241	392	569	901	1,459	3,726	8,841	18,481	22,872
9 - 11 years	27,038	716	1,057	1,524	1,947	3,338	5,719	7,702	5,035
12 years	73,871	820	2,385	4,143	4,723	8,417	16,671	20,999	15,713
13 - 15 years	23,666	325	942	1,831	1,627	2,493	4,682	6,163	5,603
16 years or more	21,369	55	499	1,227	1,366	2,381	4,073	6,257	5,511
Not stated	14,684	147	322	553	742	1,334	2,476	4,129	4,981
All races, male	104,729	1,471	3,616	6,793	7,512	12,970	23,733	29,877	18,757
0 - 8 years	26,818	225	346	618	970	2,360	5,141	9,276	7,882
9 - 11 years	13,936	434	701	1,016	1,240	1,971	3,289	3,680	1,605
12 years	33,873	514	1,508	2,721	2,828	4,584	8,527	8,966	4,225
13 - 15 years	11,173	178	549	1,203	992	1,468	2,583	2,740	1,460
16 years or more	12,070	24	304	849	967	1,696	2,800	3,324	2,106
Not stated	6,859	96	208	386	515	891	1,393	1,891	1,479
All races, female	113,140	984	2,158	3,386	4,352	8,719	18,729	33,854	40,958
0 - 8 years	30,423	167	223	283	489	1,366	3,700	9,205	14,990
9 - 11 years	13,102	282	356	508	707	1,367	2,430	4,022	3,430
12 years	39,998	306	877	1,422	1,895	3,833	8,144	12,033	11,488
13 - 15 years	12,493	147	393	628	635	1,025	2,099	3,423	4,143
16 years or more	9,299	31	195	378	399	685	1,273	2,933	3,405
Not stated	7,825	51	114	167	227	443	1,083	2,238	3,502
White, both sexes	190,224	1,839	4,122	7,261	8,954	17,779	37,119	57,818	55,332
0 - 8 years	49,154	312	457	705	1,098	2,893	7,126	15,890	20,673
9 - 11 years	22,266	531	686	923	1,281	2,549	4,812	6,888	4,596
12 years	65,569	588	1,680	2,882	3,578	7,018	15,089	19,734	15,000
13 - 15 years	21,426	245	674	1,376	1,296	2,169	4,356	5,889	5,421
16 years or more	19,766	44	393	1,013	1,166	2,143	3,760	5,934	5,313
Not stated	12,043	119	232	362	535	1,007	1,976	3,483	4,329
White, male	90,519	1,119	2,672	4,968	5,694	10,763	20,903	27,129	17,271
0 - 8 years	22,769	178	288	488	722	1,826	4,159	8,000	7,108
9 - 11 years	11,441	327	472	644	836	1,530	2,826	3,328	1,478
12 years	29,624	378	1,103	1,933	2,119	3,879	7,769	8,440	4,003
13 - 15 years	10,002	134	410	921	811	1,298	2,417	2,611	1,400
16 years or more	11,216	22	249	719	834	1,555	2,616	3,178	2,043
Not stated	5,467	80	150	263	372	675	1,116	1,572	1,239
White, female	99,705	720	1,450	2,293	3,260	7,016	16,216	30,689	38,061
0 - 8 years	26,385	134	169	217	376	1,067	2,967	7,890	13,565
9 - 11 years	10,825	204	214	279	445	1,019	1,986	3,560	3,118
12 years	35,945	210	577	949	1,459	3,139	7,320	11,294	10,997
13 - 15 years	11,424	111	264	455	485	871	1,939	3,278	4,021
16 years or more	8,550	22	144	294	332	588	1,144	2,756	3,270
Not stated	6,576	39	82	99	163	332	860	1,911	3,090
All other, both sexes	27,645	616	1,652	2,918	2,910	3,910	5,343	5,913	4,383
0 - 8 years	8,087	80	112	196	361	833	1,715	2,591	2,199
9 - 11 years	4,772	185	371	601	666	789	907	814	439
12 years	8,302	232	705	1,261	1,145	1,399	1,582	1,265	713
13 - 15 years	2,240	80	268	455	331	324	326	274	182
16 years or more	1,603	11	106	214	200	238	313	323	198
Not stated	2,641	28	90	191	207	327	500	646	652
All other, male	14,210	352	944	1,825	1,818	2,207	2,830	2,748	1,486
0 - 8 years	4,049	47	58	130	248	534	982	1,276	774
9 - 11 years	2,495	107	229	372	404	441	463	352	127
12 years	4,249	136	405	788	709	705	758	526	222
13 - 15 years	1,171	44	139	282	181	170	166	129	60
16 years or more	854	2	55	130	133	141	184	146	63
Not stated	1,392	16	58	123	143	216	277	319	240
All other, female	13,435	264	708	1,093	1,092	1,703	2,513	3,165	2,897
0 - 8 years	4,038	33	54	66	113	299	733	1,315	1,425
9 - 11 years	2,277	78	142	229	262	348	444	462	312
12 years	4,053	96	300	473	436	694	824	739	491
13 - 15 years	1,069	36	129	173	150	154	160	145	122
16 years or more	749	9	51	84	67	97	129	177	135
Not stated	1,249	12	32	68	64	111	223	327	412
Black, both sexes	24,127	527	1,470	2,622	2,586	3,409	4,659	5,114	3,740
0 - 8 years	6,964	60	92	161	307	738	1,525	2,232	1,849
9 - 11 years	4,348	157	333	561	618	709	831	746	393
12 years	7,375	211	647	1,161	1,043	1,234	1,361	1,098	620
13 - 15 years	1,906	67	229	400	295	275	264	221	155
16 years or more	1,163	7	90	161	144	149	216	231	165
Not stated	2,371	25	79	178	179	304	462	586	558
Black, male	12,241	299	844	1,634	1,620	1,923	2,423	2,292	1,206
0 - 8 years	3,501	35	52	106	216	488	878	1,086	640
9 - 11 years	2,257	90	203	344	380	403	416	312	109
12 years	3,723	124	371	727	642	621	638	431	169
13 - 15 years	968	35	118	245	158	141	130	94	47
16 years or more	535	2	48	95	94	69	105	80	42
Not stated	1,257	13	52	117	130	201	256	289	199
Black, female	11,886	228	626	988	966	1,486	2,236	2,822	2,534
0 - 8 years	3,463	25	40	55	91	250	647	1,146	1,209
9 - 11 years	2,091	67	130	217	238	306	415	434	284
12 years	3,652	87	276	434	401	613	723	667	451
13 - 15 years	938	32	111	155	137	134	134	127	108
16 years or more	628	5	42	66	50	80	111	151	123
Not stated	1,114	12	27	61	49	103	206	297	359

[1] Excludes figures for age not stated.

Section 2. Infant Mortality

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Table 2-1. Infant and Neonatal Mortality Rates, by Race: Birth-Registration States or United States, 1915-90

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Prior to 1933, data are for birth-registration States only. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix. Rates are infant (under 1 year) and neonatal (under 28 days) deaths per 1,000 live births in specified group]

Year	Infant mortality rate				Neonatal mortality rate			
	All races	White	All other		All races	White	All other	
			Total	Black			Total	Black
Race of mother[1]								
1990	9.2	7.6	15.5	18.0	5.8	4.8	9.9	11.6
1989	9.8	8.1	16.3	18.6	6.2	5.1	10.3	11.9
Race of child[2]								
1990	9.2	7.7	14.4	17.0	5.8	4.9	9.2	10.9
1989	9.8	8.2	15.2	17.7	6.2	5.2	9.6	11.3
1988	10.0	8.5	15.0	17.6	6.3	5.4	9.7	11.5
1987	10.1	8.6	15.4	17.9	6.5	5.5	10.0	11.7
1986	10.4	8.9	15.7	18.0	6.7	5.8	10.1	11.7
1985	10.6	9.3	15.8	18.2	7.0	6.1	10.3	12.1
1984	10.8	9.4	16.1	18.4	7.0	6.2	10.2	11.8
1983	11.2	9.7	16.8	19.2	7.3	6.4	10.8	12.4
1982	11.5	10.1	17.3	19.6	7.7	6.8	11.3	13.1
1981	11.9	10.5	17.8	20.0	8.0	7.1	11.8	13.4
1980	12.6	11.0	19.1	21.4	8.5	7.5	12.5	14.1
1979	13.1	11.4	19.8	21.8	8.9	7.9	12.9	14.3
1978	13.8	12.0	21.1	23.1	9.5	8.4	14.0	15.5
1977	14.1	12.3	21.7	23.6	9.9	8.7	14.7	16.1
1976	15.2	13.3	23.5	25.5	10.9	9.7	16.3	17.9
1975	16.1	14.2	24.2	26.2	11.6	10.4	16.8	18.3
1974	16.7	14.8	24.9	26.8	12.3	11.1	17.2	18.7
1973	17.7	15.8	26.2	28.1	13.0	11.8	17.9	19.3
1972 [3]	18.5	16.4	27.7	29.6	13.6	12.4	19.2	20.7
1971	19.1	17.1	28.5	30.3	14.2	13.0	19.6	21.0
1970	20.0	17.8	30.9	32.6	15.1	13.8	21.4	22.8
1969	20.9	18.4	32.9	34.8	15.6	14.2	22.5	23.9
1968	21.8	19.2	34.5	36.2	16.1	14.7	23.0	24.3
1967	22.4	19.7	35.9	37.5	16.5	15.0	23.8	25.0
1966	23.7	20.6	38.8	40.2	17.2	15.6	24.8	25.9
1965	24.7	21.5	40.3	41.7	17.7	16.1	25.4	26.5
1964	24.8	21.6	41.1	42.3	17.9	16.2	26.5	27.5
1963 [4]	25.2	22.2	41.5	42.8	18.2	16.7	26.1	27.0
1962 [4]	25.3	22.3	41.4	42.6	18.3	16.9	26.1	27.1
1961	25.3	22.4	40.7	41.8	18.4	16.9	26.2	27.1
1960	26.0	22.9	43.2	44.3	18.7	17.2	26.9	27.8
1959	26.4	23.2	44.0	44.8	19.0	17.5	27.7	28.4
1958	27.1	23.8	45.7	46.3	19.5	17.8	29.0	29.7
1957	26.3	23.3	43.7	44.2	19.1	17.5	27.8	28.5
1956	26.0	23.2	42.1	42.4	18.9	17.5	27.0	27.6
1955	26.4	23.6	42.8	43.1	19.1	17.7	27.2	27.8
1954	26.6	23.9	42.9	42.9	19.1	17.8	27.0	27.5
1953	27.8	25.0	44.7	44.5	19.6	18.3	27.4	27.8
1952	28.4	25.5	47.0	46.9	19.8	18.5	28.0	28.5
1951	28.4	25.8	44.8	44.3	20.0	18.9	27.3	27.6
1950	29.2	26.8	44.5	43.9	20.5	19.4	27.5	27.8
1949	31.3	28.9	47.3	46.8	21.4	20.3	28.6	28.8
1948	32.0	29.9	46.5	45.7	22.2	21.2	29.1	29.3
1947	32.2	30.1	48.5	47.7	22.8	21.7	31.0	31.1
1946	33.8	31.8	49.5	48.8	24.0	23.1	31.5	31.7
1945	38.3	35.6	57.0	56.2	24.3	23.3	32.0	32.2
1944	39.8	36.9	60.3	59.3	24.7	23.6	32.5	32.7
1943	40.4	37.5	62.5	61.5	24.7	23.7	32.9	33.1
1942	40.4	37.3	64.6	64.2	25.7	24.5	34.6	34.9
1941	45.3	41.2	74.8	74.1	27.7	26.1	39.0	39.3
1940	47.0	43.2	73.8	72.9	28.8	27.2	39.7	39.9
1935-39	53.2	49.2	81.3	80.1	31.0	29.5	41.4	41.5
1930-34 [5]	60.4	55.2	98.6	90.5	34.4	32.5	48.2	45.8
1925-29	69.0	65.0	105.4	105.3	37.2	36.0	47.9	48.2
1920-24	76.7	73.3	115.3	117.4	39.7	38.7	51.1	52.1
1915-19	95.7	92.8	149.7	150.4	43.4	42.3	58.1	67.9

[1] Infant deaths based on race of decedent; live births based on race of mother; see Technical Appendix.
[2] Infant deaths based on race of decedent; live births based on race of child; see Technical Appendix.
[3] Deaths based on a 50-percent sample.
[4] Figures by race exclude data for residents of New Jersey; see Technical Appendix.
[5] For 1932-34, Mexicans are included with "All other."

Table 2-2. Infant Mortality Rates by Age, Race, and Sex: United States, 1990

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates per 100,000 live births in specified group]

Age	All races[1]			White			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Under 1 year	922.3	1,026.3	813.1	756.3	851.3	656.1	1,795.9	1,962.4	1,624.6
Under 28 days	584.6	649.9	516.1	478.7	537.6	416.7	1,155.1	1,269.2	1,037.8
Under 1 day	351.8	385.2	316.7	277.9	305.4	248.9	745.0	817.1	670.7
Under 1 hour	104.9	112.1	97.4	84.9	90.2	79.3	207.4	225.3	188.9
1-23 hours	246.9	273.1	219.4	193.0	215.2	169.6	537.6	591.8	481.8
1 day	44.4	50.4	38.1	35.7	41.6	29.6	91.0	99.7	82.1
2 days	32.2	36.7	27.5	28.1	31.6	24.3	56.7	67.4	45.7
3 days	19.6	22.1	16.9	17.6	20.4	14.5	31.9	33.4	30.2
4 days	13.8	16.2	11.2	12.7	15.6	9.7	20.2	21.0	19.3
5 days	10.7	12.4	8.9	10.0	11.3	8.6	15.2	19.0	11.3
6 days	9.0	9.9	8.1	8.0	8.6	7.3	14.8	16.7	12.8
7-13 days	48.5	55.6	41.0	42.5	50.6	33.9	80.8	83.6	78.0
14-20 days	31.5	34.8	28.0	26.4	29.1	23.5	59.6	67.7	51.3
21-27 days	23.2	26.7	19.6	19.9	23.2	16.4	40.0	43.5	36.5
28-59 days	81.8	91.9	71.2	67.5	77.0	57.5	153.6	165.1	141.7
2 months	70.0	80.1	59.4	57.6	68.3	46.4	132.5	141.2	123.6
3 months	51.1	59.5	42.4	43.2	50.1	35.9	89.9	104.0	75.3
4 months	36.9	42.8	30.8	30.1	34.1	26.0	72.9	89.3	56.0
5 months	25.0	27.6	22.3	20.1	22.7	17.4	48.7	50.7	46.6
6 months	18.6	19.5	17.5	15.0	16.0	14.0	36.7	37.5	35.9
7 months	15.3	15.9	14.6	12.4	13.3	11.4	30.4	29.7	31.1
8 months	12.0	12.4	11.5	9.7	10.4	8.9	23.5	23.0	24.0
9 months	10.3	9.3	11.4	7.9	7.0	8.9	22.5	22.2	22.8
10 months	8.3	8.6	8.0	6.9	7.2	6.7	15.3	15.8	14.8
11 months	8.3	8.9	7.8	7.0	7.6	6.4	14.8	14.7	14.8

[1] Includes races other than white and black.

Table 2-3. Infant Mortality Rates by Age and Race: United States, 1983-90

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates per 100,000 live births in specified group]

Age and race	1990[1]	1990[2]	1989[1]	1989[2]	1988[2]	1987[2]	1986[2]	1985[2]	1984[2]	1983[2]
ALL RACES										
Under 1 year	922.3	922.3	981.3	981.3	995.3	1,008.2	1,035.3	1,064.5	1,078.7	1,116.5
Under 28 days	584.6	584.6	622.8	622.8	631.5	646.5	671.1	696.1	700.2	728.4
Under 1 day	351.8	351.8	362.8	362.8	364.0	376.3	388.3	397.9	411.2	426.7
1 day	44.4	44.4	59.2	59.2	63.1	63.9	66.2	74.5	66.0	66.4
2 days	32.2	32.2	33.9	33.9	38.3	39.6	42.3	41.9	44.7	48.0
3 days	19.6	19.6	21.5	21.5	21.4	22.7	24.8	26.3	26.3	27.0
4 days	13.8	13.8	15.7	15.7	15.2	14.9	16.5	16.3	16.5	18.2
5 days	10.7	10.7	11.2	11.2	11.7	11.8	11.7	13.1	12.0	15.0
6 days	9.0	9.0	10.2	10.2	9.9	8.2	10.6	11.5	11.1	11.9
7-13 days	48.5	48.5	52.6	52.6	51.9	51.2	51.1	53.4	52.1	54.7
14-20 days	31.5	31.5	32.2	32.2	31.9	33.4	34.6	34.3	35.4	35.3
21-27 days	23.2	23.2	23.4	23.4	24.1	24.4	25.0	26.9	24.9	25.3
28-59 days	81.8	81.8	88.6	88.6	87.3	87.4	87.8	92.4	92.1	94.6
2 months	70.0	70.0	74.8	74.8	78.8	71.8	75.8	76.3	76.4	76.1
3 months	51.1	51.1	53.9	53.9	54.9	55.2	55.9	54.4	56.9	59.4
4 months	36.9	36.9	38.9	38.9	37.3	37.9	37.6	37.2	39.4	40.8
5 months	25.0	25.0	26.6	26.6	26.7	27.9	26.2	27.0	30.3	29.1
6 months	18.6	18.6	20.1	20.1	19.9	20.4	20.0	20.8	21.8	22.4
7 months	15.3	15.3	15.4	15.4	15.6	15.9	15.6	16.3	16.3	17.9
8 months	12.0	12.0	12.1	12.1	13.5	13.4	14.3	12.5	14.1	14.9
9 months	10.3	10.3	10.7	10.7	11.3	12.0	10.8	11.8	12.6	12.9
10 months	8.3	8.3	8.6	8.6	9.2	9.4	10.5	10.5	9.2	10.0
11 months	8.3	8.3	9.0	9.0	9.4	10.4	9.6	9.1	9.5	9.9
WHITE										
Under 1 year	756.3	771.5	808.0	823.6	851.1	862.5	894.3	931.5	944.3	974.5
Under 28 days	478.7	488.4	514.6	524.5	536.6	549.6	580.9	609.5	617.7	640.5
Under 1 day	277.9	283.5	288.3	293.8	296.8	308.4	325.0	337.6	350.6	366.0
1 day	35.7	36.5	49.7	50.7	54.5	55.0	57.8	66.8	59.8	59.5
2 days	28.1	28.6	29.4	30.0	34.4	35.1	37.6	38.5	41.6	44.1
3 days	17.6	17.9	19.7	20.1	20.0	21.5	22.8	24.0	24.7	24.8
4 days	12.7	13.0	15.0	15.3	14.1	14.3	15.4	15.3	15.2	17.3
5 days	10.0	10.2	10.8	11.0	11.5	10.7	11.1	11.8	11.1	14.0
6 days	8.0	8.2	9.0	9.2	8.9	7.7	10.0	10.6	10.2	10.7
7-13 days	42.5	43.3	46.1	47.0	47.8	46.9	47.5	49.7	51.0	50.6
14-20 days	26.4	26.9	27.1	27.7	28.4	29.4	31.3	31.9	31.8	32.1
21-27 days	19.9	20.3	19.5	19.9	20.3	20.7	22.4	23.3	21.7	21.5
28-59 days	67.5	68.9	71.4	72.8	75.4	75.3	73.9	78.4	79.5	80.0
2 months	57.6	58.8	62.2	63.4	68.6	62.5	64.8	68.2	65.6	65.6
3 months	43.2	44.1	45.0	45.9	48.4	48.7	48.8	49.0	50.2	51.9
4 months	30.1	30.8	31.3	31.9	31.7	32.6	33.4	32.9	33.6	35.6
5 months	20.1	20.5	22.2	22.6	21.7	23.4	21.8	23.2	24.9	24.1
6 months	15.0	15.3	16.3	16.6	17.4	17.8	17.1	18.0	18.6	18.6
7 months	12.4	12.6	12.3	12.5	13.9	13.4	13.5	14.4	14.8	15.8
8 months	9.7	9.9	9.5	9.7	11.4	11.1	12.2	10.5	12.5	12.9
9 months	7.9	8.1	8.6	8.8	10.2	10.5	9.5	10.3	10.4	11.7
10 months	6.9	7.1	7.4	7.5	7.8	8.4	9.6	8.8	7.9	8.8
11 months	7.0	7.2	7.3	7.4	8.0	9.3	8.7	8.2	8.7	9.0
ALL OTHER										
Under 1 year	1,551.7	1,443.7	1,633.4	1,524.9	1,504.0	1,542.2	1,568.1	1,581.7	1,605.6	1,677.7
Under 28 days	986.0	917.4	1,029.9	961.5	966.5	1,001.2	1,012.1	1,033.0	1,023.7	1,075.8
Under 1 day	631.7	587.8	643.3	600.6	601.3	625.2	627.3	632.2	648.8	666.5
1 day	77.2	71.8	95.1	88.8	93.2	96.6	97.7	104.4	90.4	93.5
2 days	48.0	44.7	50.7	47.3	52.1	55.9	60.0	54.9	56.9	63.4
3 days	27.1	25.2	28.5	26.6	26.4	26.9	32.4	35.2	32.6	35.8
4 days	17.9	16.6	18.1	16.9	18.9	17.1	20.7	19.9	21.6	22.1
5 days	13.4	12.4	13.0	12.1	12.7	15.7	13.9	18.2	15.3	18.9
6 days	13.0	12.1	15.0	14.0	13.4	10.3	13.1	15.1	14.8	16.7
7-13 days	71.2	66.2	77.2	72.1	66.4	67.1	64.9	68.1	56.5	70.6
14-20 days	50.7	47.2	51.3	47.9	44.2	48.4	47.3	43.8	49.5	47.9
21-27 days	35.8	33.3	37.8	35.3	37.8	38.1	34.7	41.2	37.4	40.3
28-59 days	135.8	126.4	153.1	142.9	129.4	131.6	140.6	146.6	141.8	152.6
2 months	116.8	108.7	122.2	114.1	114.8	105.9	117.4	107.8	118.8	117.6
3 months	81.2	75.6	87.2	81.4	77.6	78.7	82.8	75.7	82.9	89.0
4 months	62.7	58.3	67.3	62.8	56.9	57.3	53.4	54.1	62.0	61.5
5 months	43.7	40.6	43.1	40.3	44.2	44.7	42.9	41.7	51.6	49.0
6 months	31.9	29.7	34.6	32.3	28.5	30.1	30.8	31.6	34.5	37.4
7 months	26.3	24.4	27.0	25.2	21.5	25.2	23.4	23.5	22.1	25.9
8 months	20.7	19.3	21.8	20.4	20.7	21.8	22.4	20.3	20.5	22.7
9 months	19.6	18.2	18.3	17.1	15.4	17.6	15.4	17.7	20.9	17.6
10 months	13.6	12.6	13.4	12.5	14.0	13.3	13.7	17.0	14.2	15.0
11 months	13.4	12.4	15.4	14.4	14.5	14.7	13.2	12.6	12.6	13.6
BLACK										
Under 1 year	1,795.9	1,696.2	1,861.0	1,765.9	1,762.0	1,786.4	1,803.5	1,819.0	1,835.7	1,918.3
Under 28 days	1,155.1	1,091.0	1,191.6	1,130.7	1,145.1	1,172.1	1,174.6	1,206.9	1,181.3	1,241.8
Under 1 day	745.0	703.6	757.7	718.9	722.8	741.8	739.5	746.1	756.5	777.4
1 day	91.0	86.0	109.2	103.6	110.6	111.3	113.0	119.2	104.6	107.0
2 days	56.7	53.5	58.1	55.1	61.6	65.0	68.1	64.1	65.1	72.9
3 days	31.9	30.1	31.6	30.0	29.6	31.8	36.7	40.4	35.9	39.4
4 days	20.2	19.0	20.1	19.0	21.1	19.3	21.7	22.2	24.0	24.9
5 days	15.2	14.4	14.4	13.7	15.0	18.1	15.6	21.2	16.7	21.2
6 days	14.8	13.9	15.9	15.1	16.7	11.8	15.1	16.8	17.4	19.6
7-13 days	80.8	76.3	83.8	79.5	76.2	74.8	71.6	78.4	62.4	79.2
14-20 days	59.6	56.3	58.4	55.4	50.6	55.6	52.3	50.6	55.7	54.3
21-27 days	40.0	37.8	42.5	40.3	40.9	42.6	40.9	47.7	43.0	45.9
28-59 days	153.6	145.1	170.7	162.0	149.7	149.5	156.9	165.7	159.9	173.4
2 months	132.5	125.2	133.9	127.0	130.8	122.2	133.1	119.5	137.2	130.9
3 months	89.9	84.9	95.8	90.9	90.2	87.1	94.3	83.5	93.1	99.5
4 months	72.9	68.9	75.8	71.9	65.2	65.0	61.2	60.0	69.0	71.5
5 months	48.7	46.0	46.9	44.5	49.4	50.5	49.4	47.5	56.5	54.6
6 months	36.7	34.6	38.2	36.2	32.7	35.1	34.9	34.9	38.3	41.8
7 months	30.4	28.7	30.5	28.9	25.3	29.0	26.7	26.5	25.0	28.7
8 months	23.5	22.2	24.2	23.0	23.2	24.0	25.1	21.9	22.6	26.3
9 months	22.5	21.3	21.1	20.0	17.4	20.0	16.9	19.7	23.3	19.8
10 months	15.3	14.5	15.7	14.9	16.7	15.3	15.6	19.1	15.0	15.4
11 months	14.8	13.9	16.6	15.8	16.2	16.7	14.6	13.8	14.5	14.8

[1] Infant deaths based on race of decedent; live births based on race of mother; see Technical Appendix.
[2] Infant deaths based on race of decedent; live births based on race of child; see Technical Appendix.

Table 2-4. Infant, Neonatal, and Postneonatal Deaths and Mortality Rates by Specified Race or National Origin and Sex: United States, 1990

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths per 1,000 live births in specified group.The number of infant deaths and infant mortality rates for specified races other than white and black should be interpreted with caution because of inconsistencies in reporting race on birth and death certificates; see Technical Appendix]

Race and sex	Infant		Neonatal		Postneonatal	
	Number	Rate	Number	Rate	Number	Rate
All races	38,351	9.2	24,309	5.8	14,042	3.4
Male	21,856	10.3	13,839	6.5	8,017	3.8
Female	16,495	8.1	10,470	5.2	6,025	3.0
White	24,883	7.6	15,751	4.8	9,132	2.8
Male	14,371	8.5	9,075	5.4	5,296	3.1
Female	10,512	6.6	6,676	4.2	3,836	2.4
Black	12,290	18.0	7,905	11.6	4,385	6.4
Male	6,811	19.6	4,405	12.7	2,406	6.9
Female	5,479	16.2	3,500	10.4	1,979	5.9
American Indian [1]	419	10.7	208	5.3	211	5.4
Male	257	13.0	121	6.1	136	6.9
Female	162	8.4	87	4.5	75	3.9
Chinese	124	5.5	67	2.9	57	2.5
Male	69	5.9	36	3.1	33	2.8
Female	55	5.0	31	2.8	24	2.2
Japanese	42	4.8	27	3.1	15	*
Male	15	*	9	*	6	*
Female	27	6.4	18	*	9	*
Hawaiian	64	10.5	33	5.4	31	5.1
Male	36	11.6	19	*	17	*
Female	28	9.4	14	*	14	*
Filipino	81	3.1	50	1.9	31	1.2
Male	57	4.2	32	2.4	25	1.9
Female	24	1.9	18	*	6	*
Other Asian or Pacific Islander	436	5.6	261	3.3	175	2.2
Male	234	5.8	139	3.5	95	2.4
Female	202	5.3	122	3.2	80	2.1
Other	12	*	7	*	5	*
Male	6	*	3	*	3	*
Female	6	*	4	*	2	*

[1] Includes deaths among Aleuts and Eskimos.

Table 2-5. Infant Deaths and Mortality Rates for 61 Selected Causes by Race: United States, 1990

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates are deaths under 1 year per 100,000 live births in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Number			Rate		
	All races[1]	White	Black	All races[1]	White	Black
All causes	38,351	24,883	12,290	922.3	756.3	1,795.9
Certain intestinal infections (008-009)	98	54	41	2.4	1.6	6.0
Whooping cough (033)	11	8	3	*	*	*
Meningococcal infection (036)	50	37	11	1.2	1.1	*
Septicemia (038)	267	156	100	6.4	4.7	14.6
Viral Diseases (045-079)	157	105	41	3.8	3.2	6.0
Congenital syphilis (090)	25	3	22	.6	*	3.2
Remainder of infectious and parasitic diseases (001-007,010-032,034-035,037,039-041, *042-*044,080-088,091-139)	232	104	125	5.6	3.2	18.3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	90	69	17	2.2	2.1	*
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	71	57	14	1.7	1.7	*
Diseases of thymus gland (254)	2	1	–	*	*	*
Cystic fibrosis (277.0)	9	6	3	*	*	*
Diseases of blood and blood-forming organs (280-289)	83	50	24	2.0	1.5	3.5
Meningitis (320-322)	197	111	74	4.7	3.4	10.8
Other diseases of nervous system and sense organs (323-389)	462	357	91	11.1	10.9	13.3
Acute upper respiratory infections (460-465)	33	28	3	.8	.9	*
Bronchitis and bronchiolitis (466,490-491)	114	66	42	2.7	2.0	6.1
Pneumonia and influenza (480-487)	634	375	235	15.2	11.4	34.3
Pneumonia (480-486)	627	368	235	15.1	11.2	34.3
Influenza (487)	7	7	–	*	*	*
Remainder of diseases of respiratory system (470-478,492-519)	390	251	128	9.4	7.6	18.7
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	87	59	26	2.1	1.8	3.8
Gastritis,duodenitis, and noninfective enteritis and colitis (535,555-558)	126	69	49	3.0	2.1	7.2
Remainder of diseases of digestive system (520-534,536-543,562-579)	185	130	53	4.4	4.0	7.7
Congenital anomalies (740-759)	8,239	6,418	1,530	198.1	195.1	223.6
Anencephalus and similar anomalies (740)	470	366	79	11.3	11.1	11.5
Spina bifida (741)	80	65	13	1.9	2.0	*
Congenital hydrocephalus (742.3)	189	143	39	4.5	4.3	5.7
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	357	279	65	8.6	8.5	9.5
Congenital anomalies of heart (745-746)	2,601	2,018	494	62.6	61.3	72.2
Other congenital anomalies of circulatory system (747)	509	376	114	12.2	11.4	16.7
Congenital anomalies of respiratory system (748)	1,162	913	215	27.9	27.7	31.4
Congenital anomalies of digestive system (749-751)	143	102	31	3.4	3.1	4.5
Congenital anomalies of genitourinary system (752-753)	485	390	85	11.7	11.9	12.4
Congenital anomalies of musculoskeletal system (754-756)	544	420	108	13.1	12.8	15.8
Down's syndrome (758.0)	111	84	23	2.7	2.6	3.4
Other chromosomal anomalies (758.1-758.9)	885	725	126	21.3	22.0	18.4
All other and unspecified congenital anomalies (744,757,759)	703	537	138	16.9	16.3	20.2
Certain conditions originating in the perinatal period (760-779)	17,482	10,378	6,688	420.4	315.4	977.3
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	227	127	98	5.5	3.9	14.3
Newborn affected by maternal complications of pregnancy (761)	1,655	1,044	571	39.8	31.7	83.4
Newborn affected by complications of placenta, cord, and membranes (762)	975	657	291	23.4	20.0	42.5
Newborn affected by other complications of labor and delivery (763)	74	53	19	1.8	1.6	*
Slow fetal growth and fetal malnutrition (764)	30	19	11	.7	*	*
Disorders relating to short gestation and unspecified low birthweight (765)	4,013	2,004	1,912	96.5	60.9	279.4
Disorders relating to long gestation and high birthweight (766)	1	–	1	*	*	*
Birth trauma (767)	207	152	52	5.0	4.6	7.6
Intrauterine hypoxia and birth asphyxia (768)	762	505	231	18.3	15.3	33.8
Fetal distress in liveborn infant (768.2-768.4)	222	158	55	5.3	4.8	8.0
Birth asphyxia (768.5-768.9)	540	347	176	13.0	10.5	25.7
Respiratory distress syndrome (769)	2,850	1,798	984	68.5	54.6	143.8
Other respiratory conditions of newborn (770)	2,957	1,768	1,115	71.1	53.7	162.9
Infections specific to the perinatal period (771)	875	569	291	21.0	17.3	42.5
Neonatal hemorrhage (772)	305	186	111	7.3	5.7	16.2
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	44	28	15	1.1	.9	*
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	13	12	1	*	*	*
Hemorrhagic disease of newborn (776.0)	1	1	–	*	*	*
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,493	1,455	985	60.0	44.2	143.9
Symptoms, signs, and ill-defined conditions (780-799)	6,409	4,161	2,014	154.1	126.5	294.3
Sudden infant death syndrome (798.0)	5,417	3,643	1,578	130.3	110.7	230.6
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	992	518	436	23.9	15.7	63.7
Accidents and adverse effects (E800-E949)	930	609	289	22.4	18.5	42.2
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	165	107	50	4.0	3.3	7.3
Accidental mechanical suffocation (E913)	240	143	90	5.8	4.3	13.2
Other accidental causes and adverse effects (E800-E910,E914-E949)	525	359	149	12.6	10.9	21.8
Homicide (E960-E969)	332	181	141	8.0	5.5	20.6
Child battering and other maltreatment (E967)	153	85	64	3.7	2.6	9.4
Other homicide (E960-E966,E968-E969)	179	96	77	4.3	2.9	11.3
All other causes (Residual)	1,636	1,040	526	39.3	31.6	76.9

[1] Includes races other than white and black.

Table 2-6. Mortality From 15 Leading Causes of Infant, Neonatal, and Postneonatal Death, by Race: United States, 1990

(Page 1 of 3)

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths per 100,000 live births. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For method of ranking see Technical Appendix]

Cause of death and rank order by race	Number	Rate	Percent of total deaths
INFANT			
All races[1], all causes	38,351	922.3	100.0
1 Congenital anomalies (740-759)	8,239	198.1	21.5
2 Sudden infant death syndrome (798.0)	5,417	130.3	14.1
3 Disorders relating to short gestation and unspecified low birthweight (765)	4,013	96.5	10.5
4 Respiratory distress syndrome (769)	2,850	68.5	7.4
5 Newborn affected by maternal complications of pregnancy (761)	1,655	39.8	4.3
6 Newborn affected by complications of placenta, cord, and membranes (762)	975	23.4	2.5
7 Accidents and adverse effects (E800-E949)	930	22.4	2.4
8 Infections specific to the perinatal period (771)	875	21.0	2.3
9 Intrauterine hypoxia and birth asphyxia (768)	762	18.3	2.0
10 Pneumonia and influenza (480-487)	634	15.2	1.7
11 Homicide (E960-E969)	332	8.0	.9
12 Neonatal hemorrhage (772)	305	7.3	.8
13 Septicemia (038)	267	6.4	.7
14 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	227	5.5	.6
15 Birth trauma (767)	207	5.0	.5
. . . All other causes (Residual)	10,663	256.4	27.8
White, all causes	24,883	756.3	100.0
1 Congenital anomalies (740-759)	6,418	195.1	25.8
2 Sudden infant death syndrome (798.0)	3,643	110.7	14.6
3 Disorders relating to short gestation and unspecified low birthweight (765)	2,004	60.9	8.1
4 Respiratory distress syndrome (769)	1,798	54.6	7.2
5 Newborn affected by maternal complications of pregnancy (761)	1,044	31.7	4.2
6 Newborn affected by complications of placenta, cord, and membranes (762)	657	20.0	2.6
7 Accidents and adverse effects (E800-E949)	609	18.5	2.4
8 Infections specific to the perinatal period (771)	569	17.3	2.3
9 Intrauterine hypoxia and birth asphyxia (768)	505	15.3	2.0
10 Pneumonia and influenza (480-487)	375	11.4	1.5
11 Neonatal hemorrhage (772)	186	5.7	.7
12 Homicide (E960-E969)	181	5.5	.7
13 Septicemia (038)	156	4.7	.6
14 Birth trauma (767)	152	4.6	.6
15 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	127	3.9	.5
. . . All other causes (Residual)	6,459	196.3	26.0
Black, all causes	12,290	1,795.9	100.0
1 Disorders relating to short gestation and unspecified low birthweight (765)	1,912	279.4	15.6
2 Sudden infant death syndrome (798.0)	1,578	230.6	12.8
3 Congenital anomalies (740-759)	1,530	223.6	12.4
4 Respiratory distress syndrome (769)	984	143.8	8.0
5 Newborn affected by maternal complications of pregnancy (761)	571	83.4	4.6
6 Newborn affected by complications of placenta, cord, and membranes (762)	291	42.5	2.4
6 Infections specific to the perinatal period (771)	291	42.5	2.4
8 Accidents and adverse effects (E800-E949)	289	42.2	2.4
9 Pneumonia and influenza (480-487)	235	34.3	1.9
10 Intrauterine hypoxia and birth asphyxia (768)	231	33.8	1.9
11 Homicide (E960-E969)	141	20.6	1.1
12 Neonatal hemorrhage (772)	111	16.2	.9
13 Septicemia (038)	100	14.6	.8
14 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	98	14.3	.8
15 Human immunodeficiency virus infection (*042-*044)	76	11.1	.6
. . . All other causes (Residual)	3,852	562.9	31.3

Table 2-6. Mortality From 15 Leading Causes of Infant, Neonatal, and Postneonatal Death, by Race: United States, 1990—Con.

(Page 2 of 3)

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths per 100,000 live births. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For method of ranking see Technical Appendix]

Cause of death and rank order by race	Number	Rate	Percent of total deaths
NEONATAL			
All races[1], all causes	24,309	584.6	100.0
1 Congenital anomalies (740-759)	5,980	143.8	24.6
2 Disorders relating to short gestation and unspecified low birthweight (765)	3,955	95.1	16.3
3 Respiratory distress syndrome (769)	2,651	63.8	10.9
4 Newborn affected by maternal complications of pregnancy (761)	1,650	39.7	6.8
5 Newborn affected by complications of placenta, cord, and membranes (762)	962	23.1	4.0
6 Infections specific to the perinatal period (771)	829	19.9	3.4
7 Intrauterine hypoxia and birth asphyxia (768)	693	16.7	2.9
8 Sudden infant death syndrome (798.0)	367	8.8	1.5
9 Neonatal hemorrhage (772)	301	7.2	1.2
10 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	207	5.0	.9
11 Birth trauma (767)	201	4.8	.8
12 Pneumonia and influenza (480-487)	132	3.2	.5
13 Accidents and adverse effects (E800-E949)	73	1.8	.3
14 Newborn affected by other complications of labor and delivery (763)	72	1.7	.3
15 Viral diseases (045-079)	55	1.3	.2
. . . All other causes (Residual)	6,181	148.6	25.4
White, all causes	15,751	478.7	100.0
1 Congenital anomalies (740-759)	4,713	143.2	29.9
2 Disorders relating to short gestation and unspecified low birthweight (765)	1,972	59.9	12.5
3 Respiratory distress syndrome (769)	1,674	50.9	10.6
4 Newborn affected by maternal complications of pregnancy (761)	1,042	31.7	6.6
5 Newborn affected by complications of placenta, cord, and membranes (762)	651	19.8	4.1
6 Infections specific to the perinatal period (771)	547	16.6	3.5
7 Intrauterine hypoxia and birth asphyxia (768)	462	14.0	2.9
8 Sudden infant death syndrome (798.0)	257	7.8	1.6
9 Neonatal hemorrhage (772)	185	5.6	1.2
10 Birth trauma (767)	147	4.5	.9
11 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	119	3.6	.8
12 Pneumonia and influenza (480-487)	77	2.3	.5
13 Newborn affected by other complications of labor and delivery (763)	52	1.6	.3
14 Accidents and adverse effects (E800-E949)	47	1.4	.3
15 Homicide (E960-E969)	40	1.2	.3
. . . All other causes (Residual)	3,766	114.5	23.9
Black, all causes	7,905	1,155.1	100.0
1 Disorders relating to short gestation and unspecified low birthweight (765)	1,886	275.6	23.9
2 Congenital anomalies (740-759)	1,062	155.2	13.4
3 Respiratory distress syndrome (769)	916	133.9	11.6
4 Newborn affected by maternal complications of pregnancy (761)	568	83.0	7.2
5 Newborn affected by complications of placenta, cord, and membranes (762)	284	41.5	3.6
6 Infections specific to the perinatal period (771)	270	39.5	3.4
7 Intrauterine hypoxia and birth asphyxia (768)	209	30.5	2.6
8 Neonatal hemorrhage (772)	109	15.9	1.4
9 Sudden infant death syndrome (798.0)	103	15.1	1.3
10 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	86	12.6	1.1
11 Birth trauma (767)	51	7.5	.6
12 Pneumonia and influenza (480-487)	49	7.2	.6
13 Accidents and adverse effects (E800-E949)	24	3.5	.3
14 Newborn affected by other complications of labor and delivery (763)	19	*	*
14 Congenital Syphilis (090)	19	*	*
. . . All other causes (Residual)	2,250	328.8	28.5

Table 2-6. Mortality From 15 Leading Causes of Infant, Neonatal, and Postneonatal Death, by Race: United States, 1990—Con.

(Page 3 of 3)

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths per 100,000 live births. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. For method of ranking see Technical Appendix]

Cause of death and rank order by race	Number	Rate	Percent of total deaths
POSTNEONATAL			
All races[1], all causes	14,042	337.7	100.0
1 Sudden infant death syndrome (798.0)	5,050	121.4	36.0
2 Congenital anomalies (740-759)	2,259	54.3	16.1
3 Accidents and adverse effects (E800-E949)	857	20.6	6.1
4 Pneumonia and influenza (480-487)	502	12.1	3.6
5 Homicide (E960-E969)	280	6.7	2.0
6 Septicemia (038)	267	6.4	1.9
7 Respiratory distress syndrome (769)	199	4.8	1.4
8 Meningitis (320-322)	146	3.5	1.0
9 Bronchitis and bronchiolitis (466,490-491)	110	2.6	.8
10 Human immunodeficiency virus infection (*042-*044)	106	2.5	.8
11 Viral diseases (045-079)	102	2.5	.7
12 Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	95	2.3	.7
13 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	80	1.9	.6
14 Intrauterine hypoxia and birth asphyxia (768)	69	1.7	.5
15 Disorders relating to short gestation and unspecified low birthweight (765)	58	1.4	.4
. . . All other causes (Residual)	3,862	92.9	27.5
White, all causes	9,132	277.5	100.0
1 Sudden infant death syndrome (798.0)	3,386	102.9	37.1
2 Congenital anomalies (740-759)	1,705	51.8	18.7
3 Accidents and adverse effects (E800-E949)	562	17.1	6.2
4 Pneumonia and influenza (480-487)	298	9.1	3.3
5 Septicemia (038)	156	4.7	1.7
6 Homicide (E960-E969)	141	4.3	1.5
7 Respiratory distress syndrome (769)	124	3.8	1.4
8 Meningitis (320-322)	79	2.4	.9
9 Viral diseases (045-079)	69	2.1	.8
10 Bronchitis and bronchiolitis (466,490-491)	64	1.9	.7
11 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	60	1.8	.7
12 Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	53	1.6	.6
13 Intrauterine hypoxia and birth asphyxia (768)	43	1.3	.5
14 Meningococcal infection (036)	35	1.1	.4
14 Diseases of blood forming organs (280-289)	35	1.1	.4
. . . All other causes (Residual)	2,322	70.6	25.4
Black, all causes	4,385	640.8	100.0
1 Sudden infant death syndrome (798.0)	1,475	215.5	33.6
2 Congenital anomalies (740-759)	468	68.4	10.7
3 Accidents and adverse effects (E800-E949)	265	38.7	6.0
4 Pneumonia and influenza (480-487)	186	27.2	4.2
5 Homicide (E960-E969)	129	18.9	2.9
6 Septicemia (038)	100	14.6	2.3
7 Human immunodeficiency virus infection (*042-*044)	76	11.1	1.7
8 Respiratory distress syndrome (769)	68	9.9	1.6
9 Meningitis (320-322)	57	8.3	1.3
10 Bronchitis and bronchiolitis (466,490-491)	42	6.1	1.0
11 Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	38	5.6	.9
12 Disorders relating to short gestation and unspecified low birthweight (765)	26	3.8	.6
13 Viral diseases (045-079)	23	3.4	.5
14 Intrauterine hypoxia and birth asphyxia (768)	22	3.2	.5
15 Infections specific to the perinatal period (771)	21	3.1	.5
. . . All other causes (Residual)	1,389	203.0	31.7

[1] Includes races other than white and black.

Table 2-7. Infant Mortality Rates for 61 Selected Causes: United States, 1981-90

[Rates are deaths under 1 year per 100,000 live births. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981
All causes	922.3	981.3	995.3	1,008.2	1,035.3	1,064.5	1,078.7	1,116.5	1,152.0	1,193.2
Certain intestinal infections (008-009)	2.4	2.3	2.2	2.4	3.0	2.6	3.8	3.6	3.7	3.6
Whooping cough (033)	*	*	[1] .1	–	[1] .1	[1] .1	[1] .2	[1] .1	[1] .1	[1] .1
Meningococcal infection (036)	1.2	1.4	1.8	1.7	1.7	1.8	1.8	1.7	2.6	3.4
Septicemia (038)	6.4	7.2	6.3	6.7	8.0	8.1	8.1	8.3	7.4	8.3
Viral diseases (045-079)	3.8	3.4	2.8	3.0	3.5	2.8	3.1	4.0	3.5	3.3
Congenital syphilis (090)	.6	*	[1] .4	[1] .4	[1] .1	[1] .2	[1] .2	[1] .2	[1] .3	[1] .2
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	5.6	6.8	5.3	5.4	2.7	3.6	2.6	2.3	2.4	2.2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2.2	2.6	2.3	2.7	2.6	3.0	3.1	3.6	3.7	2.5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1.7	1.4	1.5	1.5	2.1	1.6	2.1	1.5	1.6	1.5
Diseases of thymus gland (254)	*	*	[1] .1	[1] .2	[1] .1	[1] .1	[1] .1	[1] .1	[1] .1	[1] .1
Cystic fibrosis (277.0)	*	*	[1] .3	[1] .4	[1] .4	[1] .5	.8	.8	.9	.6
Diseases of blood and blood-forming organs (280-289)	2.0	2.2	1.9	1.7	1.7	2.0	2.4	2.5	2.4	2.1
Meningitis (320-322)	4.7	5.7	5.2	5.6	5.9	6.8	7.3	8.7	9.0	11.6
Other diseases of nervous system and sense organs (323-389)	11.1	12.2	11.6	12.0	11.2	12.4	12.3	14.0	12.3	14.5
Acute upper respiratory infections (460-465)	.8	.8	1.1	.7	1.2	1.5	1.5	1.7	1.4	1.8
Bronchitis and bronchiolitis (466,490-491)	2.7	2.5	2.9	2.6	2.6	2.8	2.6	3.4	3.1	3.6
Pneumonia and influenza (480-487)	15.2	15.7	16.4	17.7	17.6	18.7	18.7	21.1	20.5	22.3
Pneumonia (480-486)	15.1	15.4	16.2	17.5	17.5	18.6	18.5	21.0	20.3	21.9
Influenza (487)	*	*	[1] .2	[1] .2	[1] .2	[1] .2	[1] .1	[1] .2	[1] .2	[1] .4
Remainder of diseases of respiratory system (470-478,492-519)	9.4	9.5	10.7	11.3	13.1	12.6	13.2	13.8	12.8	14.1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.1	2.2	2.0	2.5	2.8	2.2	2.9	2.9	3.5	3.5
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3.0	2.5	2.6	2.9	2.3	2.8	3.4	3.8	3.8	4.2
Remainder of diseases of digestive system (520-534,536-543,562-579)	4.4	4.2	5.2	4.8	5.5	6.0	5.6	5.9	5.9	5.7
Congenital anomalies (740-759)	198.1	200.9	208.2	207.0	219.5	227.7	233.0	240.0	245.2	245.6
Anencephalus and similar anomalies (740)	11.3	11.4	13.6	14.3	16.3	18.4	18.5	19.2	19.6	21.1
Spina bifida (741)	1.9	1.8	1.8	2.0	2.2	2.5	2.6	3.4	5.3	5.7
Congenital hydrocephalus (742.3)	4.5	4.3	4.4	4.6	5.3	5.4	6.1	6.2	7.2	9.5
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	8.6	7.8	8.5	8.3	8.1	7.3	8.4	8.9	8.3	9.3
Congenital anomalies of heart (745-746)	62.6	63.3	66.0	62.5	65.0	68.7	69.7	70.6	76.2	73.2
Other congenital anomalies of circulatory system (747)	12.2	12.2	14.9	15.7	16.5	18.3	22.4	25.4	24.5	25.1
Congenital anomalies of respiratory system (748)	27.9	31.1	28.4	29.2	29.3	29.1	24.9	24.9	20.8	20.4
Congenital anomalies of digestive system (749-751)	3.4	2.7	2.7	3.5	3.6	4.0	4.1	4.5	6.3	6.0
Congenital anomalies of genitourinary system (752-753)	11.7	11.7	12.9	11.8	14.0	13.5	13.5	13.7	13.7	12.6
Congenital anomalies of musculoskeletal system (754-756)	13.1	13.4	15.4	14.0	16.4	17.1	18.6	20.3	18.2	18.4
Down's syndrome (758.0)	2.7	2.3	3.0	2.3	2.5	2.0	2.7	2.3	2.7	3.0
Other chromosomal anomalies (758.1-758.9)	21.3	22.2	20.3	20.5	20.2	21.1	18.7	17.7	18.1	15.7
All other and unspecified congenital anomalies (744,757,759)	16.9	16.8	16.2	18.3	20.1	20.2	22.9	22.9	24.3	25.6
Certain conditions originating in the perinatal period (760-779)	420.4	459.4	461.3	474.4	485.2	507.1	509.2	526.4	562.0	592.7
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	5.5	4.9	3.8	3.2	3.2	2.8	3.8	3.8	3.7	3.6
Newborn affected by maternal complications of pregnancy (761)	39.8	38.0	36.1	36.7	36.1	35.5	38.3	39.9	40.6	40.2
Newborn affected by complications of placenta, cord, and membranes (762)	23.4	24.4	23.2	22.0	22.3	23.7	24.2	23.9	26.4	26.9
Newborn affected by other complications of labor and delivery (763)	1.8	1.7	1.5	2.3	1.9	2.1	1.8	2.5	2.9	3.4
Slow fetal growth and fetal malnutrition (764)	.7	.7	1.0	.6	.6	1.0	1.0	1.2	1.3	1.3
Disorders relating to short gestation and unspecified low birthweight (765)	96.5	97.3	83.6	88.0	86.4	86.6	88.9	91.6	98.3	100.8
Disorders relating to long gestation and high birthweight (766)	*	*	–	–	–	[1] .0	[1] .0	–	[1] .1	[1] .1
Birth trauma (767)	5.0	5.5	5.5	6.5	7.1	8.7	10.2	12.2	16.8	25.3
Intrauterine hypoxia and birth asphyxia (768)	18.3	17.9	19.9	20.8	26.2	30.8	31.9	32.9	40.5	38.7
Fetal distress in liveborn infant (768.2-768.4)	5.3	4.8	4.9	4.4	5.1	6.0	6.6	6.7	8.0	7.0
Birth asphyxia (768.5-768.9)	13.0	13.2	14.9	16.4	21.1	24.8	25.3	26.3	32.5	31.7
Respiratory distress syndrome (769)	68.5	89.9	81.4	86.2	90.6	98.2	96.9	101.2	109.7	119.0
Other respiratory conditions of newborn (770)	71.1	82.8	91.8	93.3	95.2	99.6	95.3	94.5	95.5	99.4
Infections specific to the perinatal period (771)	21.0	22.1	22.5	22.6	24.4	25.4	24.2	23.9	25.8	24.7
Neonatal hemorrhage (772)	7.3	6.5	8.3	8.8	9.2	9.8	10.9	14.4	19.4	25.0
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1.1	.9	1.2	.7	1.3	1.4	1.5	1.7	1.7	1.9
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	*	*	[1] .2	[1] .2	[1] .1	[1] .2	[1] .2	[1] .5	[1] .4	[1] .2
Hemorrhagic disease of newborn (776.0)	*	*	[1] .1	[1] .1	[1] .1	[1] .2	[1] .2	[1] .2	[1] .2	[1] .3
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	60.0	66.6	81.5	82.3	80.5	81.0	79.8	82.1	78.7	81.9
Symptoms, signs, and ill-defined conditions (780-799)	154.1	164.0	165.9	161.1	160.7	158.1	160.1	162.9	161.2	164.1
Sudden infant death syndrome (798.0)	130.3	139.4	140.1	137.3	140.5	141.3	142.9	145.8	143.4	145.9
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	23.9	24.6	25.8	23.8	20.2	16.8	17.1	17.1	17.8	18.2
Accidents and adverse effects (E800-E949)	22.4	24.6	23.9	24.9	24.2	23.7	22.8	26.3	27.8	27.0
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	4.0	4.0	3.7	4.2	4.2	4.5	4.2	5.2	6.0	5.8
Accidental mechanical suffocation (E913)	5.8	6.1	5.1	5.3	5.0	4.5	4.9	4.8	4.5	4.5
Other accidental causes and adverse effects (E800-E910,E914-E949)	12.6	14.5	15.2	15.5	15.0	14.6	13.8	16.3	17.3	16.8
Homicide (E960-E969)	8.0	8.3	8.1	7.2	7.4	5.3	6.5	5.3	6.6	6.0
Child battering and other maltreatment (E967)	3.7	3.0	2.8	2.7	2.8	1.7	2.1	1.6	2.5	2.2
Other homicide (E960-E966,E968-E969)	4.3	5.3	5.3	4.5	4.6	3.6	4.3	3.7	4.1	3.8
All other causes (Residual)	39.3	40.1	45.0	47.5	50.2	50.6	51.8	51.5	48.1	48.7

[1] Rate based on less than 20 infant deaths.

Table 2-8. Infant Mortality Rates by Race: United States, Each Division and State, 1989-90

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates are deaths under 1 year per 1,000 live births in specified group]

Division and State	Race of mother[1]								Race of child[2]							
	1990				1989				1990				1989			
	All races	White	All other		All races	White	All other		All races	White	All other		All races	White	All other	
			Total	Black			Total	Black			Total	Black			Total	Black
United States	9.2	7.6	15.5	18.0	9.8	8.1	16.3	18.6	9.2	7.7	14.4	17.0	9.8	8.2	15.2	17.7
Geographic divisions:																
New England	7.2	6.7	11.7	14.0	8.1	7.3	14.7	17.9	7.2	6.8	10.2	12.3	8.1	7.4	13.0	15.9
Middle Atlantic	9.5	7.4	16.6	18.7	10.2	8.0	17.8	20.0	9.5	7.5	15.6	17.7	10.2	8.1	16.8	18.9
East North Central	10.1	7.9	19.4	21.0	10.7	8.6	19.2	20.7	10.1	8.0	18.3	20.0	10.7	8.7	18.2	19.8
West North Central	8.4	7.4	16.4	18.9	8.5	7.5	16.6	18.1	8.4	7.5	14.8	17.3	8.5	7.6	14.9	16.5
South Atlantic	10.7	7.8	17.0	17.9	11.0	8.3	17.2	18.0	10.7	8.0	16.4	17.4	11.0	8.4	16.7	17.6
East South Central	10.4	8.1	16.1	16.4	10.9	8.6	16.7	17.0	10.4	8.1	15.8	16.2	10.9	8.7	16.4	16.8
West South Central	8.7	7.3	14.0	15.3	9.5	8.0	15.2	16.4	8.7	7.4	13.1	14.7	9.5	8.1	14.3	15.8
Mountain	8.6	8.1	12.4	18.5	8.9	8.3	13.5	19.1	8.6	8.3	10.8	15.0	8.9	8.5	11.8	15.7
Pacific	7.9	7.4	10.4	17.1	8.6	7.8	12.2	19.3	7.9	7.6	9.0	14.1	8.6	8.1	10.6	16.2
New England:																
Maine	6.2	6.1	*	*	7.4	7.2	*	*	6.2	6.2	*	*	7.4	7.3	*	*
New Hampshire	7.1	7.2	*	*	8.0	8.0	*	*	7.1	7.2	*	*	8.0	8.1	*	*
Vermont	6.4	6.5	*	*	6.9	7.0	*	*	6.4	6.5	*	*	6.9	7.0	*	*
Massachusetts	7.0	6.6	9.7	11.9	7.7	6.9	13.1	16.5	7.0	6.7	8.6	10.4	7.7	7.0	11.5	14.5
Rhode Island	8.1	8.2	*	*	10.2	9.8	13.5	18.2	8.1	8.3	*	*	10.2	10.0	11.8	15.7
Connecticut	7.9	6.5	16.4	17.6	8.8	7.1	18.0	20.2	7.9	6.6	14.8	16.0	8.8	7.2	16.4	18.6
Middle Atlantic:																
New York	9.6	7.5	15.5	18.1	10.6	8.5	16.7	19.0	9.6	7.7	14.7	17.3	10.6	8.6	15.9	18.2
New Jersey	9.0	6.6	17.0	18.4	9.3	7.0	16.9	19.3	9.0	6.8	16.0	17.3	9.3	7.1	16.0	18.4
Pennsylvania	9.6	7.6	19.3	20.5	10.2	7.9	21.6	23.0	9.6	7.8	17.5	18.8	10.2	8.0	19.9	21.2
East North Central:																
Ohio	9.8	8.1	18.6	19.5	9.9	8.4	17.8	18.7	9.8	8.2	17.3	18.3	9.9	8.5	16.5	17.6
Indiana	9.6	8.7	16.1	17.4	10.2	9.1	18.5	19.8	9.6	8.9	14.5	16.0	10.2	9.3	17.0	18.5
Illinois	10.7	7.5	20.5	22.4	11.7	9.1	19.6	21.4	10.7	7.7	19.5	21.5	11.7	9.2	18.7	20.6
Michigan	10.7	7.8	20.5	21.6	11.1	8.2	21.4	22.5	10.7	7.9	19.6	21.0	11.1	8.3	20.5	21.8
Wisconsin	8.2	7.1	15.5	19.0	9.1	8.2	14.8	16.8	8.2	7.2	14.6	18.1	9.1	8.3	13.8	16.1
West North Central:																
Minnesota	7.3	6.6	14.7	23.7	7.1	6.3	15.5	22.4	7.3	6.7	12.7	19.7	7.1	6.4	13.4	18.6
Iowa	8.1	7.7	16.3	*	8.3	7.8	19.2	21.8	8.1	7.8	13.6	*	8.3	7.9	16.1	18.3
Missouri	9.4	7.7	17.0	18.2	9.9	8.5	16.6	17.4	9.4	7.8	16.0	17.5	9.9	8.6	15.7	16.7
North Dakota	8.0	7.8	*	*	8.0	7.3	*	*	8.0	7.9	*	*	8.0	7.5	*	*
South Dakota	10.1	8.4	*	*	9.6	7.0	21.9	*	10.1	8.6	16.7	*	9.6	7.1	20.1	*
Nebraska	8.3	7.1	21.1	*	7.9	7.0	18.0	18.8	8.3	7.2	18.4	*	7.9	7.1	15.8	16.8
Kansas	8.4	7.6	15.5	17.7	8.8	8.1	14.4	16.0	8.4	7.7	13.3	15.4	8.8	8.3	12.3	13.9
South Atlantic:																
Delaware	10.1	7.2	18.9	20.1	11.8	9.5	18.8	19.7	10.1	7.3	18.2	19.4	11.8	9.6	18.4	19.3
Maryland	9.5	6.3	15.6	17.1	10.3	8.1	14.7	15.9	9.5	6.5	14.9	16.3	10.3	8.3	14.0	15.3
District of Columbia	20.7	*	22.3	24.6	22.9	14.4	24.5	26.5	20.7	*	22.1	24.4	22.9	15.2	24.2	26.3
Virginia	10.2	7.4	17.7	19.5	10.0	7.3	17.2	18.7	10.2	7.5	17.0	18.8	10.0	7.5	16.6	18.1
West Virginia	9.9	9.6	*	*	9.4	9.3	*	*	9.9	9.6	*	*	9.4	9.4	*	*
North Carolina	10.6	8.1	15.9	16.5	11.3	8.5	17.4	17.9	10.6	8.3	15.3	16.0	11.3	8.6	16.8	17.5
South Carolina	11.7	8.3	16.9	17.3	12.8	9.0	18.5	18.8	11.7	8.3	16.6	17.1	12.8	9.1	18.2	18.6
Georgia	12.4	9.0	18.0	18.3	12.3	9.0	17.9	18.4	12.4	9.1	17.6	18.0	12.3	9.1	17.6	18.1
Florida	9.6	7.5	16.1	16.8	9.8	7.9	15.8	16.4	9.6	7.6	15.4	16.2	9.8	8.0	15.2	15.9
East South Central:																
Kentucky	8.5	7.9	13.4	14.3	9.2	8.3	17.3	18.0	8.5	8.0	12.6	13.6	9.2	8.4	16.4	17.2
Tennessee	10.3	7.9	17.5	17.9	10.8	8.3	18.3	18.8	10.3	8.0	16.9	17.5	10.8	8.4	17.8	18.3
Alabama	10.8	8.2	15.6	16.0	12.1	9.3	17.1	17.4	10.8	8.3	15.5	15.9	12.1	9.3	16.9	17.3
Mississippi	12.1	8.4	16.0	16.2	11.6	8.6	14.8	14.9	12.1	8.5	15.9	16.1	11.6	8.6	14.7	14.8
West South Central:																
Arkansas	9.2	7.9	13.3	13.9	10.2	8.4	15.8	16.2	9.2	8.0	12.8	13.6	10.2	8.5	15.2	16.0
Louisiana	11.1	7.2	16.2	16.7	11.4	8.5	15.4	16.0	11.1	7.3	15.9	16.5	11.4	8.5	15.2	15.9
Oklahoma	9.2	8.8	10.6	14.3	8.5	7.8	11.4	13.8	9.2	9.4	8.7	13.2	8.5	8.3	9.4	12.7
Texas	8.1	7.1	13.4	14.7	9.2	7.9	15.6	16.9	8.1	7.1	12.5	13.9	9.2	8.0	14.7	16.1
Mountain:																
Montana	9.0	8.3	*	*	11.3	9.6	22.7	*	9.0	8.6	*	*	11.3	9.9	18.8	*
Idaho	8.7	8.6	*	*	9.7	9.4	*	*	8.7	8.7	*	*	9.7	9.5	*	*
Wyoming	8.6	8.7	*	*	9.4	9.6	*	*	8.6	8.8	*	*	9.4	9.8	*	*
Colorado	8.8	8.2	15.3	19.4	8.7	8.4	12.7	16.3	8.8	8.4	12.8	16.5	8.7	8.5	10.7	13.8
New Mexico	9.0	9.1	8.5	*	8.5	7.7	12.3	*	9.0	9.3	7.8	*	8.5	7.8	11.4	*
Arizona	8.8	8.1	13.6	20.6	9.2	8.6	12.6	21.7	8.8	8.2	12.2	16.7	9.2	8.8	11.4	17.8
Utah	7.5	7.3	*	*	8.0	7.6	16.5	*	7.5	7.4	*	*	8.0	7.7	12.9	*
Nevada	8.4	7.9	11.3	*	8.1	7.2	13.4	19.1	8.4	8.1	9.7	*	8.1	7.4	11.5	17.2
Pacific:																
Washington	7.8	7.3	12.1	20.6	9.2	8.6	13.4	21.7	7.8	7.6	9.4	14.5	9.2	8.9	10.7	15.8
Oregon	8.3	7.9	*	*	8.9	8.6	13.6	24.3	8.3	8.1	*	*	8.9	8.8	10.3	18.3
California	7.9	7.4	10.3	16.8	8.5	7.7	12.3	19.3	7.9	7.6	9.0	14.2	8.5	8.0	10.7	16.5
Alaska	10.5	8.0	15.7	*	9.2	6.8	14.2	*	10.5	8.5	14.0	*	9.2	7.2	12.6	*
Hawaii	6.7	*	8.0	*	8.3	4.7	9.9	*	6.7	*	7.2	*	8.3	6.3	8.9	*

[1] Infant deaths based on race of decedent; live births based on race of mother; see Technical Appendix.
[2] Infant deaths based on race of decedent; live births based on race of child; see Technical Appendix.

Table 2-9. Neonatal Mortality Rates by Race: United States, Each Division and State, 1989-90

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates are deaths under 28 days per 1,000 live births in specified group]

Division and State	Race of mother[1]								Race of child[2]							
	1990				1989				1990				1989			
	All races	White	All other		All races	White	All other		All races	White	All other		All races	White	All other	
			Total	Black			Total	Black			Total	Black			Total	Black
United States	5.8	4.8	9.9	11.6	6.2	5.1	10.3	11.9	5.8	4.9	9.2	10.9	6.2	5.2	9.6	11.3
Geographic divisions:																
New England	4.9	4.5	8.1	9.7	5.7	5.1	10.3	12.6	4.9	4.6	7.1	8.5	5.7	5.2	9.1	11.2
Middle Atlantic	6.4	5.1	10.8	12.2	6.9	5.6	11.5	13.0	6.4	5.2	10.2	11.5	6.9	5.7	10.9	12.3
East North Central	6.5	5.1	12.2	13.3	6.8	5.5	12.1	13.1	6.5	5.2	11.5	12.7	6.8	5.6	11.5	12.5
West North Central	5.0	4.5	8.9	10.6	5.0	4.5	8.6	10.0	5.0	4.6	8.0	9.7	5.0	4.6	7.8	9.1
South Atlantic	7.1	5.2	11.5	12.1	7.3	5.4	11.7	12.3	7.1	5.2	11.1	11.8	7.3	5.5	11.3	11.9
East South Central	6.5	5.0	10.5	10.7	6.9	5.4	10.4	10.7	6.5	5.0	10.2	10.6	6.9	5.5	10.3	10.5
West South Central	5.2	4.4	8.5	9.3	5.8	4.9	9.3	10.1	5.2	4.5	7.9	8.9	5.8	5.0	8.8	9.8
Mountain	4.9	4.7	7.0	11.0	5.2	4.9	7.2	10.8	4.9	4.7	6.1	8.9	5.2	5.0	6.3	8.9
Pacific	4.7	4.5	5.9	10.2	5.1	4.7	6.8	11.1	4.7	4.6	5.1	8.4	5.1	4.9	5.9	9.3
New England:																
Maine	4.6	4.6	*	*	5.1	4.9	*	*	4.6	4.6	*	*	5.1	5.0	*	*
New Hampshire	3.8	3.9	*	*	5.0	5.1	*	*	3.8	3.9	*	*	5.0	5.1	*	*
Vermont	3.6	3.7	*	*	4.8	4.9	*	*	3.6	3.7	*	*	4.8	4.9	*	*
Massachusetts	4.8	4.5	7.1	8.7	5.3	4.7	9.1	12.0	4.8	4.6	6.3	7.6	5.3	4.8	8.0	10.5
Rhode Island	5.9	6.0	*	*	7.8	7.7	*	*	5.9	6.1	*	*	7.8	7.8	*	*
Connecticut	5.6	4.6	11.1	11.9	6.4	5.2	12.7	14.0	5.6	4.7	10.0	10.8	6.4	5.3	11.6	12.8
Middle Atlantic:																
New York	6.5	5.2	10.1	11.8	7.2	5.8	11.0	12.7	6.5	5.3	9.6	11.3	7.2	5.9	10.5	12.1
New Jersey	6.1	4.8	10.7	11.4	6.2	4.9	10.4	11.7	6.1	4.9	10.1	10.7	6.2	5.0	9.8	11.2
Pennsylvania	6.3	5.0	12.9	13.8	7.0	5.6	14.0	14.9	6.3	5.1	11.7	12.6	7.0	5.7	12.9	13.7
East North Central:																
Ohio	6.2	5.2	11.6	12.3	6.3	5.4	11.0	11.5	6.2	5.3	10.8	11.5	6.3	5.5	10.2	10.8
Indiana	6.1	5.5	10.7	11.6	6.5	5.8	11.8	12.7	6.1	5.6	9.7	10.7	6.5	5.8	10.8	11.9
Illinois	7.0	5.2	12.5	13.7	7.5	5.9	12.2	13.3	7.0	5.3	11.9	13.2	7.5	6.0	11.7	12.8
Michigan	7.0	4.9	14.0	14.8	7.2	5.2	14.3	15.1	7.0	5.0	13.4	14.4	7.2	5.3	13.7	14.7
Wisconsin	4.7	4.3	7.6	9.5	5.4	5.1	7.9	8.8	4.7	4.3	7.2	9.1	5.4	5.1	7.4	8.5
West North Central:																
Minnesota	4.3	4.1	7.3	12.4	4.1	3.8	7.3	13.5	4.3	4.1	6.3	10.3	4.1	3.9	6.3	11.2
Iowa	4.7	4.4	11.6	*	5.5	5.1	13.8	*	4.7	4.4	9.7	*	5.5	5.2	11.6	*
Missouri	5.7	4.9	9.2	9.9	5.9	5.3	8.9	9.4	5.7	5.0	8.7	9.5	5.9	5.4	8.4	9.0
North Dakota	5.5	5.8	*	*	4.7	4.3	*	*	5.5	5.8	*	*	4.7	4.5	*	*
South Dakota	5.4	4.8	*	*	4.6	3.7	*	*	5.4	4.9	*	*	4.6	3.8	*	*
Nebraska	4.9	4.2	13.1	*	4.5	3.9	10.5	*	4.9	4.3	11.4	*	4.5	4.0	9.2	*
Kansas	5.1	4.7	8.7	9.6	4.7	4.4	7.1	7.7	5.1	4.8	7.4	8.3	4.7	4.5	6.1	6.7
South Atlantic:																
Delaware	6.9	4.9	13.1	13.9	8.6	7.2	12.6	13.0	6.9	5.0	12.6	13.5	8.6	7.3	12.3	12.7
Maryland	6.3	4.0	10.5	11.7	6.5	4.9	9.6	10.4	6.3	4.1	10.0	11.1	6.5	5.0	9.1	10.0
District of Columbia	15.2	*	16.2	17.7	15.9	*	17.4	18.9	15.2	*	16.0	17.6	15.9	*	17.3	18.8
Virginia	7.0	4.9	12.7	14.1	7.1	5.2	12.1	13.2	7.0	4.9	12.2	13.6	7.1	5.3	11.7	12.7
West Virginia	6.3	6.1	*	*	6.3	6.3	*	*	6.3	6.1	*	*	6.3	6.3	*	*
North Carolina	7.3	5.3	11.6	12.0	7.6	5.4	12.2	12.7	7.3	5.4	11.1	11.6	7.6	5.5	11.8	12.4
South Carolina	7.9	5.7	11.4	11.7	8.1	5.8	11.7	12.0	7.9	5.7	11.2	11.5	8.1	5.8	11.6	11.8
Georgia	8.1	5.9	11.8	12.0	8.0	5.7	12.1	12.4	8.1	6.0	11.6	11.8	8.0	5.7	11.8	12.2
Florida	6.2	5.0	9.9	10.4	6.5	5.1	10.8	11.2	6.2	5.0	9.5	10.0	6.5	5.1	10.3	10.9
East South Central:																
Kentucky	4.7	4.3	8.7	9.4	5.3	4.8	9.8	10.4	4.7	4.3	8.2	8.9	5.3	4.8	9.3	9.9
Tennessee	6.5	5.0	11.3	11.7	6.8	5.1	12.2	12.6	6.5	5.0	11.0	11.4	6.8	5.1	11.9	12.3
Alabama	7.3	5.7	10.2	10.4	8.0	6.4	11.0	11.2	7.3	5.7	10.1	10.3	8.0	6.4	10.9	11.1
Mississippi	7.6	4.9	10.4	10.6	7.2	6.0	8.4	8.6	7.6	5.0	10.4	10.5	7.2	6.1	8.4	8.6
West South Central:																
Arkansas	5.3	4.5	7.9	8.2	6.0	5.1	8.7	8.9	5.3	4.6	7.6	8.1	6.0	5.2	8.4	8.7
Louisiana	6.7	4.4	9.7	10.0	7.3	5.5	9.7	10.0	6.7	4.5	9.6	9.9	7.3	5.5	9.6	9.9
Oklahoma	4.9	4.7	5.7	8.6	4.9	4.8	5.4	6.9	4.9	5.0	4.7	7.9	4.9	5.1	4.5	6.3
Texas	4.9	4.3	8.3	9.0	5.6	4.8	9.9	10.8	4.9	4.4	7.8	8.5	5.6	4.8	9.4	10.3
Mountain:																
Montana	4.6	4.1	*	*	5.6	5.1	*	*	4.6	4.2	*	*	5.6	5.3	*	*
Idaho	4.4	4.3	*	*	6.3	6.1	*	*	4.4	4.4	*	*	6.3	6.1	*	*
Wyoming	3.9	4.0	*	*	5.2	5.2	*	*	3.9	4.0	*	*	5.2	5.3	*	*
Colorado	5.2	4.7	10.2	12.5	5.2	4.8	8.8	11.6	5.2	4.8	8.5	10.6	5.2	4.9	7.4	9.8
New Mexico	5.3	5.5	4.4	*	5.3	5.0	6.8	*	5.3	5.6	4.0	*	5.3	5.1	6.2	*
Arizona	5.5	5.2	7.3	12.5	5.5	5.4	6.3	11.0	5.5	5.3	6.5	10.1	5.5	5.5	5.7	9.0
Utah	3.8	3.7	*	*	4.4	4.2	*	*	3.8	3.8	*	*	4.4	4.3	*	*
Nevada	4.8	4.4	7.0	*	3.9	3.5	*	*	4.8	4.5	6.0	*	3.9	3.6	*	*
Pacific:																
Washington	4.2	3.9	6.8	11.7	5.1	4.9	6.2	12.7	4.2	4.0	5.3	8.2	5.1	5.1	5.0	9.3
Oregon	4.2	4.1	*	*	5.0	5.1	*	*	4.2	4.2	*	*	5.0	5.2	*	*
California	4.8	4.6	6.0	10.1	5.2	4.7	7.2	11.1	4.8	4.8	5.2	8.5	5.2	4.9	6.3	9.5
Alaska	5.1	4.0	7.6	*	4.3	3.5	5.9	*	5.1	4.2	6.8	*	4.3	3.8	5.2	*
Hawaii	4.2	*	4.8	*	4.2	*	5.2	*	4.2	*	4.3	*	4.2	*	4.7	*

[1] Infant deaths based on race of decedent; live births based on race of mother; see Technical Appendix.
[2] Infant deaths based on race of decedent; live births based on race of child; see Technical Appendix.

Table 2-10. Postneonatal Mortality Rates by Race: United States, Each Division and State, 1989-90

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates are deaths 28 days - 11 months per 1,000 live births in specified group]

Division and State	Race of mother[1]								Race of child[2]							
	1990				1989				1990				1989			
	All races	White	All other		All races	White	All other		All races	White	All other		All races	White	All other	
			Total	Black			Total	Black			Total	Black			Total	Black
United States	3.4	2.8	5.7	6.4	3.6	2.9	6.0	6.7	3.4	2.8	5.3	6.1	3.6	3.0	5.6	6.4
Geographic divisions:																
New England	2.3	2.1	3.6	4.3	2.4	2.2	4.5	5.3	2.3	2.2	3.2	3.8	2.4	2.2	4.0	4.7
Middle Atlantic	3.1	2.3	5.8	6.5	3.3	2.4	6.3	7.0	3.1	2.4	5.4	6.2	3.3	2.5	5.9	6.6
East North Central	3.6	2.8	7.1	7.7	3.9	3.1	7.1	7.6	3.6	2.8	6.7	7.3	3.9	3.1	6.7	7.3
West North Central	3.4	2.9	7.5	8.3	3.5	3.0	7.9	8.1	3.4	2.9	6.8	7.6	3.5	3.0	7.1	7.4
South Atlantic	3.5	2.7	5.5	5.8	3.7	2.9	5.5	5.8	3.5	2.7	5.3	5.6	3.7	2.9	5.4	5.6
East South Central	3.8	3.1	5.6	5.7	4.1	3.2	6.3	6.3	3.8	3.1	5.5	5.6	4.1	3.2	6.2	6.2
West South Central	3.5	2.9	5.5	6.0	3.7	3.1	5.8	6.3	3.5	3.0	5.2	5.8	3.7	3.2	5.5	6.0
Mountain	3.7	3.5	5.4	7.5	3.7	3.4	6.3	8.2	3.7	3.5	4.7	6.1	3.7	3.5	5.5	6.8
Pacific	3.2	2.9	4.5	6.9	3.5	3.1	5.3	8.2	3.2	3.0	3.9	5.7	3.5	3.2	4.6	6.9
New England:																
Maine	1.7	1.5	*	*	2.3	2.3	*	*	1.7	1.5	*	*	2.3	2.3	*	*
New Hampshire	3.3	3.3	*	*	3.0	3.0	*	*	3.3	3.3	*	*	3.0	3.0	*	*
Vermont	2.8	2.8	*	*	*	*	*	*	2.8	2.8	*	*	*	*	*	*
Massachusetts	2.2	2.1	2.6	3.2	2.4	2.2	4.0	4.5	2.2	2.2	2.3	2.8	2.4	2.2	3.5	4.0
Rhode Island	2.2	2.2	*	*	2.4	2.1	*	*	2.2	2.2	*	*	2.4	2.2	*	*
Connecticut	2.4	1.9	5.3	5.7	2.4	1.9	5.3	6.2	2.4	1.9	4.8	5.1	2.4	1.9	4.9	5.7
Middle Atlantic:																
New York	3.1	2.3	5.4	6.3	3.4	2.7	5.7	6.4	3.1	2.3	5.1	6.0	3.4	2.7	5.4	6.1
New Jersey	2.9	1.9	6.3	7.0	3.2	2.1	6.5	7.6	2.9	1.9	5.9	6.6	3.2	2.1	6.2	7.3
Pennsylvania	3.2	2.6	6.4	6.7	3.1	2.3	7.6	8.1	3.2	2.7	5.8	6.1	3.1	2.3	7.0	7.5
East North Central:																
Ohio	3.6	2.9	7.0	7.3	3.6	3.0	6.8	7.1	3.6	2.9	6.5	6.8	3.6	3.0	6.3	6.7
Indiana	3.5	3.2	5.4	5.8	3.8	3.4	6.8	7.1	3.5	3.3	4.8	5.3	3.8	3.4	6.2	6.7
Illinois	3.7	2.3	7.9	8.7	4.2	3.2	7.4	8.2	3.7	2.4	7.5	8.3	4.2	3.2	7.1	7.9
Michigan	3.7	2.9	6.4	6.8	3.9	3.0	7.1	7.3	3.7	2.9	6.2	6.6	3.9	3.0	6.8	7.1
Wisconsin	3.5	2.8	7.9	9.5	3.6	3.1	6.8	7.9	3.5	2.8	7.4	9.1	3.6	3.2	6.4	7.6
West North Central:																
Minnesota	3.0	2.5	7.4	11.2	3.0	2.5	8.3	9.0	3.0	2.6	6.4	9.3	3.0	2.5	7.1	7.5
Iowa	3.4	3.3	*	*	2.8	2.7	*	*	3.4	3.4	*	*	2.8	2.7	*	*
Missouri	3.7	2.8	7.7	8.3	4.0	3.2	7.7	8.0	3.7	2.9	7.3	8.0	4.0	3.2	7.3	7.7
North Dakota	2.5	*	*	*	3.3	2.9	*	*	2.5	*	*	*	3.3	3.0	*	*
South Dakota	4.7	3.6	*	*	5.0	3.3	13.0	*	4.7	3.7	*	*	5.0	3.3	12.0	*
Nebraska	3.4	2.9	*	*	3.5	3.1	*	*	3.4	3.0	*	*	3.5	3.1	*	*
Kansas	3.3	2.9	6.8	8.1	4.1	3.7	7.3	8.3	3.3	2.9	5.8	7.0	4.1	3.8	6.3	7.2
South Atlantic:																
Delaware	3.1	*	*	*	3.3	*	*	*	3.1	*	*	*	3.3	*	*	*
Maryland	3.3	2.3	5.1	5.4	3.8	3.2	5.1	5.5	3.3	2.4	4.8	5.2	3.8	3.2	4.9	5.3
District of Columbia	5.5	*	6.2	6.8	7.0	*	7.0	7.6	5.5	*	6.1	6.8	7.0	*	6.9	7.6
Virginia	3.2	2.5	5.0	5.4	2.9	2.1	5.1	5.5	3.2	2.6	4.8	5.3	2.9	2.1	4.9	5.4
West Virginia	3.5	3.5	*	*	3.2	3.0	*	*	3.5	3.5	*	*	3.2	3.0	*	*
North Carolina	3.3	2.8	4.3	4.5	3.7	3.0	5.2	5.2	3.3	2.9	4.2	4.4	3.7	3.1	5.0	5.1
South Carolina	3.7	2.6	5.5	5.6	4.6	3.2	6.8	6.9	3.7	2.6	5.4	5.6	4.6	3.3	6.7	6.8
Georgia	4.2	3.1	6.2	6.3	4.3	3.3	5.9	6.0	4.2	3.1	6.0	6.2	4.3	3.4	5.7	5.9
Florida	3.4	2.5	6.1	6.4	3.4	2.8	5.0	5.2	3.4	2.6	5.9	6.2	3.4	2.8	4.8	5.0
East South Central:																
Kentucky	3.7	3.6	4.7	4.9	3.9	3.5	7.5	7.6	3.7	3.6	4.4	4.7	3.9	3.6	7.1	7.3
Tennessee	3.7	3.0	6.2	6.2	4.0	3.3	6.1	6.1	3.7	3.0	6.0	6.0	4.0	3.3	5.9	6.0
Alabama	3.6	2.5	5.4	5.6	4.0	2.9	6.1	6.2	3.6	2.5	5.4	5.5	4.0	2.9	6.0	6.1
Mississippi	4.5	3.5	5.6	5.6	4.4	2.6	6.3	6.3	4.5	3.5	5.6	5.6	4.4	2.6	6.3	6.2
West South Central:																
Arkansas	3.9	3.4	5.4	5.6	4.2	3.2	7.0	7.3	3.9	3.4	5.2	5.5	4.2	3.3	6.8	7.2
Louisiana	4.4	2.8	6.5	6.7	4.2	3.0	5.8	6.0	4.4	2.8	6.4	6.6	4.2	3.0	5.7	6.0
Oklahoma	4.3	4.1	4.9	5.7	3.6	3.0	6.0	6.9	4.3	4.4	4.0	5.2	3.6	3.2	4.9	6.3
Texas	3.1	2.7	5.1	5.6	3.5	3.1	5.7	6.1	3.1	2.8	4.8	5.3	3.5	3.2	5.3	5.8
Mountain:																
Montana	4.5	4.2	*	*	5.7	4.5	14.0	*	4.5	4.3	*	*	5.7	4.7	11.6	*
Idaho	4.3	4.3	*	*	3.4	3.3	*	*	4.3	4.3	*	*	3.4	3.4	*	*
Wyoming	4.7	4.7	*	*	4.2	4.4	*	*	4.7	4.8	*	*	4.2	4.5	*	*
Colorado	3.7	3.5	5.1	6.9	3.6	3.6	*	*	3.7	3.6	4.3	5.9	3.6	3.6	*	*
New Mexico	3.7	3.6	4.2	*	3.2	2.7	5.5	*	3.7	3.7	3.8	*	3.2	2.7	5.1	*
Arizona	3.4	2.9	6.3	8.2	3.7	3.3	6.2	10.6	3.4	2.9	5.7	6.6	3.7	3.3	5.6	8.7
Utah	3.6	3.5	*	*	3.6	3.3	*	*	3.6	3.6	*	*	3.6	3.4	*	*
Nevada	3.6	3.5	*	*	4.2	3.7	7.4	10.9	3.6	3.6	*	*	4.2	3.8	6.4	9.8
Pacific:																
Washington	3.6	3.4	5.4	8.9	4.1	3.7	7.1	8.9	3.6	3.6	4.2	6.3	4.1	3.8	5.7	6.5
Oregon	4.1	3.8	8.0	*	3.9	3.5	8.7	*	4.1	3.9	6.0	*	3.9	3.6	6.6	*
California	3.1	2.8	4.3	6.7	3.3	3.0	5.1	8.1	3.1	2.9	3.8	5.7	3.3	3.1	4.4	7.0
Alaska	5.4	4.1	8.1	*	4.9	3.3	8.3	*	5.4	4.3	7.2	*	4.9	3.5	7.4	*
Hawaii	2.5	*	3.2	*	4.0	*	4.6	*	2.5	*	2.9	*	4.0	*	4.2	*

[1] Infant deaths based on race of decedent; live births based on race of mother; see Technical Appendix.
[2] Infant deaths based on race of decedent; live births based on race of child; see Technical Appendix.

Table 2-11. Infant and Neonatal Deaths and Mortality Rates for the 50 Largest Metropolitan Areas in the United States and Their Component Counties: 1990

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[Metropolitan Statistical Areas (MSAs), Primary Metropolitan Statistical Areas (PMSAs), and Consolidated Metropolitan Statistical Areas (CMSAs) are those defined by the Office of Management and Budget as of June 30, 1990, except for New England where areas are New England County Metropolitan Areas (NECMAs). PMSAs are components of CMSAs. For further discussion of metropolitan areas, see Technical Appendix]

Area	Infant		Neonatal	
	Number	Rate	Number	Rate
50 Largest U.S. Metropolitan Areas	18,691	9.4	12,149	6.1
Anaheim-Santa Ana, CA, PMSA	397	7.7	245	4.8
Orange	397	7.7	245	4.8
Atlanta, GA, MSA	573	11.4	394	7.8
Barrow	4	*	3	*
Butts	2	*	1	*
Cherokee	15	*	10	*
Clayton	49	14.2	38	11.0
Cobb	72	9.3	54	7.0
Coweta	15	*	8	*
De Kalb	119	12.8	85	9.2
Douglas	12	*	7	*
Fayette	5	*	4	*
Forsyth	6	*	4	*
Fulton	174	14.6	110	9.2
Gwinnett	53	8.2	40	6.2
Henry	7	*	5	*
Newton	8	*	3	*
Paulding	4	*	1	*
Rockdale	9	*	6	*
Spalding	8	*	8	*
Walton	11	*	7	*
Baltimore, MD, MSA	376	9.4	244	6.1
Anne Arundel	41	6.0	23	3.4
Baltimore	64	6.3	42	4.1
Baltimore city	216	15.0	138	9.6
Carroll	7	*	5	*
Harford	27	9.2	21	7.1
Howard	17	*	12	*
Queen Anne's	4	*	3	*
Bergen-Passaic, NJ, PMSA	146	7.8	101	5.4
Bergen	72	6.8	51	4.8
Passaic	74	8.9	50	6.0
Boston-Lawrence-Salem-Lowell-Brockton, MA, NECMA	424	7.2	295	5.0
Essex	90	8.2	63	5.7
Middlesex	133	6.5	89	4.3
Norfolk	48	5.7	33	3.9
Plymouth	40	5.7	30	4.3
Suffolk	113	9.4	80	6.7
Charlotte-Gastonia-Rock Hill, NC-SC, MSA	209	10.8	140	7.3
Cabarrus, NC	17	*	15	*
Gaston, NC	25	8.8	20	7.0
Lincoln, NC	4	*	3	*
Mecklenburg, NC	101	11.2	69	7.6
Rowan, NC	16	*	10	*
Union, NC	19	*	11	*
York, SC	27	12.2	12	*
Chicago, IL, PMSA	1,408	12.3	933	8.2
Cook	1,295	13.3	864	8.9
Du Page	91	6.6	56	4.0
McHenry	22	6.5	13	*
Cincinnati, OH-KY-IN, PMSA	232	9.6	148	6.2
Dearborn, IN	5	*	3	*
Boone, KY	2	*	1	*
Campbell, KY	18	*	10	*
Kenton, KY	26	10.7	17	*
Clermont, OH	16	*	10	*
Hamilton, OH	155	10.7	98	6.8
Warren, OH	10	*	9	*
Cleveland, OH, PMSA	367	12.7	248	8.6
Cuyahoga	326	14.1	223	9.7
Geauga	7	*	5	*
Lake	18	*	10	*
Medina	16	*	10	*
Columbus, OH, MSA	225	10.1	137	6.1
Delaware	9	*	8	*
Fairfield	9	*	7	*
Franklin	179	10.8	106	6.4
Licking	13	*	7	*
Madison	4	*	2	*
Pickaway	2	*	*	*
Union	9	*	7	*
Dallas, TX, PMSA	418	8.5	257	5.2
Collin	32	6.9	16	*
Dallas	321	8.7	191	5.2
Denton	37	7.4	26	5.2
Ellis	18	*	16	*
Kaufman	8	*	7	*
Rockwall	2	*	1	*
Denver, CO, PMSA	254	9.2	156	5.7
Adams	46	9.6	28	5.8
Arapahoe	39	6.3	24	3.9
Denver	100	11.6	65	7.5
Douglas	4	*	2	*
Jefferson	65	9.7	37	5.5
Detroit, MI, PMSA	893	11.9	607	8.1
Lapeer	4	*	1	*
Livingston	12	*	7	*
Macomb	66	6.3	48	4.6
Monroe	9	*	5	*
Oakland	119	7.0	87	5.1
St. Clair	22	10.0	15	*
Wayne	661	16.2	444	10.9
Fort Lauderdale-Hollywood-Pompano Beach, FL, PMSA	174	9.3	123	6.6
Broward	174	9.3	123	6.6
Fort Worth-Arlington, TX, PMSA	247	9.8	159	6.3
Johnson	16	*	10	*
Parker	3	*	2	*
Tarrant	228	10.0	147	6.5
Hartford-New Britain-Middletown, CT, NECMA	147	8.8	107	6.4
Hartford	124	9.7	94	7.3
Middlesex	16	*	9	*
Tolland	7	*	4	*
Houston, TX, PMSA	548	8.3	344	5.2
Fort Bend	24	5.9	17	*
Harris	498	8.7	312	5.4
Liberty	4	*	2	*
Montgomery	21	6.8	13	*
Waller	1	*	*	*
Indianapolis, IN, MSA	248	11.3	162	7.4
Boone	5	*	2	*
Hamilton	11	*	6	*
Hancock	12	*	7	*
Hendricks	6	*	5	*
Johnson	10	*	6	*
Marion	187	12.3	123	8.1
Morgan	10	*	7	*
Shelby	7	*	6	*
Kansas City, MO-KS, MSA	232	8.9	138	5.3
Johnson, KS	33	5.7	24	4.1
Leavenworth, KS	10	*	5	*
Miami, KS	2	*	*	*
Wyandotte, KS	37	11.8	22	7.0
Cass, MO	8	*	5	*
Clay, MO	18	*	12	*
Jackson, MO	112	10.2	64	5.8
Lafayette, MO	1	*	*	*
Platte, MO	7	*	5	*
Ray, MO	4	*	1	*
Los Angeles-Long Beach, CA, PMSA	1,634	8.0	1,041	5.1
Los Angeles	1,634	8.0	1,041	5.1
Memphis, TN-AR-MS, MSA	267	14.3	174	9.3
Crittenden, AR	14	*	7	*
De Soto, MS	15	*	8	*
Shelby, TN	229	14.4	152	9.6
Tipton, TN	9	*	7	*
Miami-Hialeah, FL, PMSA	337	9.8	229	6.6
Dade	337	9.8	229	6.6
Middlesex-Somerset-Hunterdon, NJ, PMSA	123	7.8	86	5.4
Hunterdon	9	*	5	*
Middlesex	90	8.7	66	6.4
Somerset	24	6.0	15	*
Milwaukee, WI, PMSA	222	9.5	124	5.3
Milwaukee	188	11.0	104	6.1
Ozaukee	7	*	2	*
Washington	7	*	3	*
Waukesha	20	4.9	15	*
Minneapolis-St. Paul, MN-WI, MSA	324	7.7	193	4.6
Anoka, MN	20	4.8	9	*
Carver, MN	4	*	3	*
Chisago, MN	4	*	4	*
Dakota, MN	23	4.5	14	*
Hennepin, MN	151	8.8	80	4.7
Isanti, MN	3	*	3	*
Ramsey, MN	81	9.7	55	6.6
Scott, MN	8	*	6	*
Washington, MN	15	*	8	*
Wright, MN	7	*	6	*
St. Croix, WI	8	*	5	*

Table 2-11. Infant and Neonatal Deaths and Mortality Rates for the 50 Largest Metropolitan Areas in the United States and Their Component Counties: 1990—Con.

(Page 2 of 2)

[Metropolitan Statistical Areas (MSAs), Primary Metropolitan Statistical Areas (PMSAs), and Consolidated Metropolitan Statistical Areas (CMSAs) are those defined by the Office of Management and Budget as of June 30, 1990, except for New England where areas are New England County Metropolitan Areas (NECMAs). PMSAs are components of CMSAs. For further discussion of metropolitan areas, see Technical Appendix]

Area	Infant		Neonatal	
	Number	Rate	Number	Rate
Monmouth-Ocean, NJ, PMSA	105	7.2	72	4.9
Monmouth	69	8.2	44	5.2
Ocean	36	5.7	28	4.5
Nashville, TN, MSA	136	8.5	91	5.7
Cheatham	1	*	1	*
Davidson	82	9.4	52	6.0
Dickson	11	*	9	*
Robertson	2	*	1	*
Rutherford	11	*	7	*
Sumner	11	*	7	*
Williamson	9	*	6	*
Wilson	9	*	8	*
Nassau-Suffolk, NY, PMSA	320	8.1	237	6.0
Nassau	141	7.8	107	5.9
Suffolk	179	8.4	130	6.1
New Orleans, LA, MSA	244	11.3	153	7.1
Jefferson	53	7.3	34	4.7
Orleans	153	16.5	95	10.2
St. Bernard	6	*	3	*
St. Charles	8	*	6	*
St. John the Baptist	6	*	2	*
St. Tammany	18	*	13	*
New York, NY, PMSA	1,701	11.0	1,140	7.4
New York city	1,561	11.5	1,042	7.7
Bronx	361	13.3	237	8.7
Kings	623	13.4	403	8.6
New York	234	10.4	168	7.5
Queens	291	9.0	198	6.1
Richmond	52	8.0	36	5.6
Putnam	6	*	3	*
Rockland	39	9.2	26	6.2
Westchester	95	7.2	69	5.2
Newark, NJ, PMSA	296	10.0	201	6.8
Essex	197	14.4	136	9.9
Morris	32	5.4	22	3.7
Sussex	16	*	11	*
Union	51	6.7	32	4.2
Norfolk-Virginia Beach-Newport News, VA, MSA	374	14.1	256	9.7
Chesapeake city	32	12.4	22	8.5
Gloucester	4	*	3	*
Hampton city	26	10.8	16	*
James city	4	*	3	*
Newport News city	54	15.2	38	10.7
Norfolk city	110	19.7	74	13.2
Poquoson city	*	*	*	*
Portsmouth city	40	18.7	29	13.6
Suffolk city	21	24.7	16	*
Virginia Beach city	74	9.7	50	6.5
Williamsburg city	1	*	1	*
York	8	*	4	*
Oakland, CA, PMSA	292	7.9	162	4.4
Alameda	205	8.8	125	5.4
Contra Costa	87	6.4	37	2.7
Orlando, FL, MSA	140	7.6	78	4.3
Orange	87	7.2	50	4.2
Osceola	18	*	9	*
Seminole	35	8.0	19	*
Philadelphia, PA-NJ, PMSA	862	10.7	565	7.0
Burlington, NJ	38	6.4	22	3.7
Camden, NJ	91	10.2	63	7.0
Gloucester, NJ	30	8.5	20	5.7
Bucks, PA	53	6.6	36	4.5
Chester, PA	48	8.1	30	5.1
Delaware, PA	71	8.4	43	5.1
Montgomery, PA	70	7.1	44	4.4
Philadelphia, PA	461	15.5	307	10.3
Phoenix, AZ, MSA	363	9.0	235	5.8
Maricopa	363	9.0	235	5.8
Pittsburgh, PA, PMSA	240	9.0	168	6.3
Allegheny	173	9.6	120	6.6
Fayette	21	11.2	13	*
Washington	16	*	10	*
Westmoreland	30	6.8	25	5.7
Portland, OR, PMSA	164	8.3	82	4.1
Clackamas	38	9.4	23	5.7
Multnomah	76	8.1	33	3.5
Washington	39	7.3	22	4.1
Yamhill	11	*	4	*
Riverside-San Bernardino, CA, PMSA	550	9.4	340	5.8
Riverside	221	8.8	139	5.5
San Bernardino	329	9.8	201	6.0
Rochester, NY, MSA	156	9.5	109	6.6
Livingston	7	*	6	*
Monroe	119	9.9	81	6.7
Ontario	11	*	9	*
Orleans	4	*	1	*
Wayne	15	*	12	*
Sacramento, CA, MSA	225	8.5	131	4.9
El Dorado	18	*	11	*
Placer	14	*	6	*
Sacramento	176	9.0	104	5.3
Yolo	17	*	10	*
St. Louis, MO-IL, MSA	393	9.6	255	6.3
Clinton, IL	2	*	1	*
Jersey, IL	4	*	3	*
Madison, IL	30	7.8	21	5.4
Monroe, IL	2	*	2	*
St. Clair, IL	65	13.8	44	9.3
Franklin, MO	13	*	7	*
Jefferson, MO	15	*	7	*
St. Charles, MO	15	*	13	*
St. Louis, MO	139	9.5	97	6.6
St. Louis city, MO	108	12.7	60	7.0
Salt Lake City-Ogden, UT, MSA	174	7.9	86	3.9
Davis	28	7.2	12	*
Salt Lake	116	7.8	62	4.2
Weber	30	9.6	12	*
San Antonio, TX, MSA	168	7.1	99	4.2
Bexar	154	7.0	89	4.0
Comal	6	*	4	*
Guadalupe	8	*	6	*
San Diego, CA, MSA	367	7.2	244	4.8
San Diego	367	7.2	244	4.8
San Francisco, CA, PMSA	157	6.5	89	3.7
Marin	18	*	9	*
San Francisco	73	7.2	38	3.7
San Mateo	66	6.1	42	3.9
San Jose, CA, PMSA	154	5.5	86	3.1
Santa Clara	154	5.5	86	3.1
Seattle, WA, PMSA	205	6.6	119	3.8
King	156	6.8	95	4.1
Snohomish	49	5.9	24	2.9
Tampa-St. Petersburg-Clearwater, FL, MSA	296	10.2	196	6.8
Hernando	6	*	5	*
Hillsborough	162	11.2	98	6.8
Pasco	17	*	11	*
Pinellas	111	10.6	82	7.8
Washington, DC-MD-VA, MSA	734	10.6	510	7.4
District of Columbia	245	20.7	180	15.2
Calvert, MD	1	*	1	*
Charles, MD	13	*	6	*
Frederick, MD	11	*	6	*
Montgomery, MD	100	7.8	67	5.2
Prince George's, MD	184	13.7	125	9.3
Alexandria city, VA	17	*	12	*
Arlington, VA	16	*	12	*
Fairfax, VA	84	6.9	59	4.8
Fairfax city, VA	1	*	*	*
Falls Church city, VA	2	*	1	*
Loudoun, VA	12	*	8	*
Manassas city, VA	8	*	5	*
Manassas Park city, VA	*	*	*	*
Prince William, VA	27	6.1	18	*
Stafford, VA	13	*	10	*

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
United States	38,351	4,362	10,265	1,846	1,340	813	574	444	376	20,020	2,015	1,308	966	24,309
Male	21,856	2,387	5,815	1,073	782	471	346	263	211	11,348	1,183	740	568	13,839
Female	16,495	1,975	4,450	773	558	342	228	181	165	8,672	832	568	398	10,470
White	24,883	2,794	6,350	1,176	923	578	419	328	263	12,831	1,397	868	655	15,751
Male	14,371	1,523	3,633	702	534	345	263	191	146	7,337	854	492	392	9,075
Female	10,512	1,271	2,717	474	389	233	156	137	117	5,494	543	376	263	6,676
Black	12,290	1,419	3,679	623	388	218	138	104	101	6,670	553	408	274	7,905
Male	6,811	782	2,054	346	234	116	73	66	58	3,729	290	235	151	4,405
Female	5,479	637	1,625	277	154	102	65	38	43	2,941	263	173	123	3,500
Alabama	688	82	180	60	36	15	9	7	8	397	29	21	15	462
Male	383	47	105	32	18	8	6	5	4	225	16	12	11	264
Female	305	35	75	28	18	7	3	2	4	172	13	9	4	198
White	338	33	90	37	22	10	5	3	5	205	12	8	9	234
Male	187	23	49	17	10	7	4	2	3	115	6	4	6	131
Female	151	10	41	20	12	3	1	1	2	90	6	4	3	103
Black	350	49	90	23	14	5	4	4	3	192	17	13	6	228
Male	196	24	56	15	8	1	2	3	1	110	10	8	5	133
Female	154	25	34	8	6	4	2	1	2	82	7	5	1	95
Alaska	125	10	21	2	5	–	1	–	–	39	7	7	8	61
Male	81	4	15	1	3	–	–	–	–	23	4	3	6	36
Female	44	6	6	1	2	–	1	–	–	16	3	4	2	25
White	65	3	12	2	4	–	1	–	–	22	3	4	3	32
Male	40	2	7	1	2	–	–	–	–	12	1	1	2	16
Female	25	1	5	1	2	–	1	–	–	10	2	3	1	16
Black	8	1	2	–	–	–	–	–	–	3	1	–	–	4
Male	4	–	2	–	–	–	–	–	–	2	–	–	–	2
Female	4	1	–	–	–	–	–	–	–	1	1	–	–	2
Arizona	610	70	148	37	19	8	11	5	6	304	40	18	15	377
Male	375	45	86	20	9	6	9	3	6	184	23	9	11	227
Female	235	25	62	17	10	2	2	2	–	120	17	9	4	150
White	477	55	122	30	17	6	10	5	4	249	33	12	12	306
Male	291	35	71	17	8	4	9	3	4	151	19	6	9	185
Female	186	20	51	13	9	2	1	2	–	98	14	6	3	121
Black	53	7	11	4	2	–	1	–	1	26	2	3	1	32
Male	33	5	8	2	1	–	–	–	1	17	2	2	1	22
Female	20	2	3	2	1	–	1	–	–	9	–	1	–	10
Arkansas	336	30	67	23	11	4	5	7	5	152	22	13	8	195
Male	182	19	39	17	6	2	5	2	3	93	12	4	5	114
Female	154	11	28	6	5	2	–	5	2	59	10	9	3	81
White	217	19	43	16	8	1	2	4	2	95	16	8	5	124
Male	124	13	27	11	6	–	2	1	2	62	9	2	3	76
Female	93	6	16	5	2	1	–	3	–	33	7	6	2	48
Black	118	11	23	7	3	3	3	3	3	56	6	5	3	70
Male	58	6	12	6	–	2	3	1	1	31	3	2	2	38
Female	60	5	11	1	3	1	–	2	2	25	3	3	1	32
California	4,844	534	1,240	165	155	101	77	67	55	2,394	276	175	121	2,966
Male	2,776	287	699	93	97	63	44	44	28	1,355	161	104	72	1,692
Female	2,068	247	541	72	58	38	33	23	27	1,039	115	71	49	1,274
White	3,712	422	940	126	127	83	61	63	38	1,860	219	143	88	2,310
Male	2,141	223	543	69	80	54	33	41	20	1,063	130	89	50	1,332
Female	1,571	199	397	57	47	29	28	22	18	797	89	54	38	978
Black	825	83	243	29	19	13	9	3	13	412	36	24	24	496
Male	459	45	129	19	11	7	6	2	7	226	20	12	14	272
Female	366	38	114	10	8	6	3	1	6	186	16	12	10	224
Colorado	472	68	90	17	13	11	9	4	4	216	34	11	15	276
Male	264	33	53	12	6	3	3	2	2	114	22	5	8	149
Female	208	35	37	5	7	8	6	2	2	102	12	6	7	127
White	403	58	74	15	11	9	7	2	4	180	29	10	11	230
Male	235	29	46	11	6	1	3	2	2	100	19	5	6	130
Female	168	29	28	4	5	8	4	–	2	80	10	5	5	100
Black	56	8	13	2	1	2	2	–	–	28	4	–	4	36
Male	23	3	6	1	–	2	–	–	–	12	2	–	2	16
Female	33	5	7	1	1	–	2	–	–	16	2	–	2	20
Connecticut	398	52	129	23	16	11	7	5	2	245	13	13	8	279
Male	213	24	76	11	7	5	4	4	1	132	8	7	2	149
Female	185	28	53	12	9	6	3	1	1	113	5	6	6	130
White	275	32	88	20	12	9	6	4	2	173	9	10	4	196
Male	158	21	54	9	5	5	4	4	1	103	5	4	2	114
Female	117	11	34	11	7	4	2	–	1	70	4	6	2	82
Black	112	18	40	1	4	2	–	–	–	65	4	3	4	76
Male	51	3	21	1	2	–	–	–	–	27	3	3	–	33
Female	61	15	19	–	2	2	–	–	–	38	1	–	4	43
Delaware	112	12	49	4	1	1	–	–	2	69	4	1	3	77
Male	63	5	23	3	–	–	–	–	2	33	2	–	3	38
Female	49	7	26	1	1	1	–	–	–	36	2	1	–	39
White	60	5	28	2	1	–	–	–	1	37	3	–	1	41
Male	32	2	11	2	–	–	–	–	1	16	2	–	1	19
Female	28	3	17	–	1	–	–	–	–	21	1	–	–	22
Black	52	7	21	2	–	1	–	–	1	32	1	1	2	36
Male	31	3	12	1	–	–	–	–	1	17	–	–	2	19
Female	21	4	9	1	–	1	–	–	–	15	1	1	–	17

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
United States	3,401	2,910	2,126	1,536	1,040	772	635	499	430	346	347
Male	1,957	1,705	1,266	911	587	416	339	265	199	183	189
Female	1,444	1,205	860	625	453	356	296	234	231	163	158
White	2,222	1,896	1,421	992	661	495	407	319	260	228	231
Male	1,300	1,153	846	575	383	270	225	176	118	121	129
Female	922	743	575	417	278	225	182	143	142	107	102
Black	1,051	907	615	499	333	251	208	161	154	105	101
Male	573	490	361	310	176	130	103	80	77	55	51
Female	478	417	254	189	157	121	105	81	77	50	50
Alabama	60	48	26	29	12	15	13	9	6	5	3
Male	33	25	12	17	6	7	7	7	3	2	–
Female	27	23	14	12	6	8	6	2	3	3	3
White	29	19	14	11	5	9	5	3	6	2	1
Male	15	10	8	5	4	4	4	2	3	1	–
Female	14	9	6	6	1	5	1	1	3	1	1
Black	31	29	12	18	7	6	8	6	–	3	2
Male	18	15	4	12	2	3	3	5	–	1	–
Female	13	14	8	6	5	3	5	1	–	2	2
Alaska	16	12	10	7	5	3	3	3	2	–	3
Male	10	8	9	6	2	2	3	2	1	–	2
Female	6	4	1	1	3	1	–	1	1	–	1
White	10	7	1	5	2	2	2	–	2	–	2
Male	5	5	1	5	2	1	2	–	1	–	2
Female	5	2	–	–	–	1	–	–	1	–	–
Black	2	1	–	1	–	–	–	–	–	–	–
Male	2	–	–	–	–	–	–	–	–	–	–
Female	–	1	–	1	–	–	–	–	–	–	–
Arizona	43	45	39	27	19	16	10	11	7	7	9
Male	28	29	25	22	11	7	6	6	4	5	5
Female	15	16	14	5	8	9	4	5	3	2	4
White	25	38	31	20	13	13	8	7	6	4	6
Male	15	25	19	16	6	7	5	4	4	3	2
Female	10	13	12	4	7	6	3	3	2	1	4
Black	4	2	2	3	1	2	1	3	–	2	1
Male	2	2	1	2	–	–	1	1	–	1	1
Female	2	–	1	1	1	2	–	2	–	1	–
Arkansas	33	25	19	20	9	10	6	5	5	6	3
Male	20	15	9	8	3	5	–	3	–	5	–
Female	13	10	10	12	6	5	6	2	5	1	3
White	24	15	13	12	6	8	3	3	4	3	2
Male	13	11	7	5	3	3	–	3	–	3	–
Female	11	4	6	7	3	5	3	–	4	–	2
Black	9	10	6	8	3	2	3	2	1	3	1
Male	7	4	2	3	–	2	–	–	–	2	–
Female	2	6	4	5	3	–	3	2	1	1	1
California	439	373	302	201	142	98	96	73	58	48	48
Male	255	234	174	117	82	56	54	41	22	21	28
Female	184	139	128	84	60	42	42	32	36	27	20
White	314	282	241	153	101	65	79	55	36	39	37
Male	181	180	145	85	58	35	44	31	13	17	20
Female	133	102	96	68	43	30	35	24	23	22	17
Black	87	59	43	35	27	25	10	14	14	8	7
Male	47	35	20	26	16	14	6	7	7	4	5
Female	40	24	23	9	11	11	4	7	7	4	2
Colorado	44	36	42	21	12	11	4	7	9	6	4
Male	27	22	30	11	4	6	2	2	5	3	3
Female	17	14	12	10	8	5	2	5	4	3	1
White	36	33	40	19	9	10	4	6	7	6	3
Male	22	21	28	11	3	6	2	2	5	3	2
Female	14	12	12	8	6	4	2	4	2	3	1
Black	6	3	1	2	3	1	–	1	2	–	1
Male	3	1	1	–	1	–	–	–	–	–	1
Female	3	2	–	2	2	1	–	1	2	–	–
Connecticut	24	24	15	13	16	8	3	2	6	5	3
Male	13	13	6	9	10	4	3	1	2	3	–
Female	11	11	9	4	6	4	–	1	4	2	3
White	18	18	8	8	12	8	–	1	–	4	2
Male	12	7	3	7	9	4	–	–	–	2	–
Female	6	11	5	1	3	4	–	1	–	2	2
Black	6	5	6	4	4	–	2	1	6	1	1
Male	1	5	3	2	1	–	2	1	2	1	–
Female	5	–	3	2	3	–	–	–	4	–	1
Delaware	4	9	8	4	3	3	–	1	–	1	2
Male	3	8	5	–	3	2	–	1	–	1	2
Female	1	1	3	4	–	1	–	–	–	–	–
White	1	5	7	2	1	1	–	1	–	1	–
Male	1	4	4	–	1	1	–	1	–	1	–
Female	–	1	3	2	–	–	–	–	–	–	–
Black	3	4	1	2	2	2	–	–	–	–	2
Male	2	4	1	–	2	1	–	–	–	–	2
Female	1	–	–	2	–	1	–	–	–	–	–

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.
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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
District of Columbia	245	29	88	13	15	5	2	3	1	156	10	10	4	180
Male	144	11	46	7	12	4	1	3	–	84	9	5	4	102
Female	101	18	42	6	3	1	1	–	1	72	1	5	–	78
White	21	3	4	2	1	1	1	1	–	13	3	2	–	18
Male	12	1	4	–	1	1	1	1	–	9	2	–	–	11
Female	9	2	–	2	–	–	–	–	–	4	1	2	–	7
Black	223	26	83	11	14	4	1	2	1	142	7	8	4	161
Male	131	10	41	7	11	3	–	2	–	74	7	5	4	90
Female	92	16	42	4	3	1	1	–	1	68	–	3	–	71
Florida	1,918	186	550	86	73	48	34	15	25	1,017	111	63	44	1,235
Male	1,105	106	313	55	44	29	18	9	14	588	57	38	23	706
Female	813	80	237	31	29	19	16	6	11	429	54	25	21	529
White	1,126	94	327	54	45	32	23	8	18	601	78	36	30	745
Male	669	61	196	35	25	23	13	4	10	367	41	24	16	448
Female	457	33	131	19	20	9	10	4	8	234	37	12	14	297
Black	780	90	221	31	28	16	11	6	7	410	32	26	14	482
Male	427	44	115	19	19	6	5	4	4	216	15	13	7	251
Female	353	46	106	12	9	10	6	2	3	194	17	13	7	231
Georgia	1,392	163	392	75	49	31	26	7	11	754	69	55	39	917
Male	807	88	213	45	30	18	12	4	5	415	37	35	20	507
Female	585	75	179	30	19	13	14	3	6	339	32	20	19	410
White	635	62	174	36	25	14	17	2	3	333	38	26	22	419
Male	386	33	104	24	16	10	9	1	2	199	23	16	17	255
Female	249	29	70	12	9	4	8	1	1	134	15	10	5	164
Black	743	98	213	39	24	17	9	4	8	412	30	29	17	488
Male	414	55	108	21	14	8	3	2	3	214	13	19	3	249
Female	329	43	105	18	10	9	6	2	5	198	17	10	14	239
Hawaii	138	18	36	6	5	2	1	2	3	73	9	–	4	86
Male	79	6	27	4	3	2	1	1	2	46	6	–	3	55
Female	59	12	9	2	2	–	–	1	1	27	3	–	1	31
White	24	3	5	2	3	–	1	–	–	14	3	–	1	18
Male	15	1	5	2	2	–	1	–	–	11	1	–	1	13
Female	9	2	–	–	1	–	–	–	–	3	2	–	–	5
Black	11	1	6	–	–	–	–	–	–	7	–	–	–	7
Male	6	–	5	–	–	–	–	–	–	5	–	–	–	5
Female	5	1	1	–	–	–	–	–	–	2	–	–	–	2
Idaho	143	18	30	4	3	3	2	3	2	65	3	4	1	73
Male	79	7	15	2	1	2	2	3	–	32	2	2	–	36
Female	64	11	15	2	2	1	–	–	2	33	1	2	1	37
White	137	16	29	4	3	2	2	3	2	61	3	4	1	69
Male	76	7	14	2	1	1	2	3	–	30	2	2	–	34
Female	61	9	15	2	2	1	–	–	2	31	1	2	1	35
Black	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Illinois	2,104	217	645	100	62	42	27	25	13	1,131	102	85	59	1,377
Male	1,180	114	365	57	34	26	18	15	9	638	63	49	29	779
Female	924	103	280	43	28	16	9	10	4	493	39	36	30	598
White	1,111	122	350	48	40	28	15	18	6	627	54	50	37	768
Male	643	66	197	28	20	17	10	10	3	351	34	31	17	433
Female	468	56	153	20	20	11	5	8	3	276	20	19	20	335
Black	971	89	291	50	22	14	12	7	7	492	48	34	21	595
Male	524	46	165	27	14	9	8	5	6	280	29	17	11	337
Female	447	43	126	23	8	5	4	2	1	212	19	17	10	258
Indiana	831	99	230	39	30	20	10	13	9	450	33	20	27	530
Male	486	52	139	21	20	15	9	12	2	270	17	10	16	313
Female	345	47	91	18	10	5	1	1	7	180	16	10	11	217
White	663	77	181	30	29	14	10	9	8	358	25	13	22	418
Male	396	41	111	19	20	10	9	8	2	220	14	6	15	255
Female	267	36	70	11	9	4	1	1	6	138	11	7	7	163
Black	165	20	49	9	1	6	–	4	1	90	8	7	5	110
Male	88	10	28	2	–	5	–	4	–	49	3	4	1	57
Female	77	10	21	7	1	1	–	–	1	41	5	3	4	53
Iowa	319	32	74	11	8	6	9	5	1	146	18	13	8	185
Male	192	16	41	7	6	6	6	5	–	87	9	5	7	108
Female	127	16	33	4	2	–	3	–	1	59	9	8	1	77
White	291	30	65	10	8	3	9	4	–	129	16	13	7	165
Male	173	14	35	6	6	3	6	4	–	74	9	5	6	94
Female	118	16	30	4	2	–	3	–	–	55	7	8	1	71
Black	23	2	8	1	–	3	–	1	1	16	2	–	1	19
Male	14	2	5	1	–	3	–	1	–	12	–	–	1	13
Female	9	–	3	–	–	–	–	–	1	4	2	–	–	6
Kansas	329	39	83	17	7	9	4	3	4	166	13	12	9	200
Male	187	22	39	11	3	7	3	2	2	89	7	8	6	110
Female	142	17	44	6	4	2	1	1	2	77	6	4	3	90
White	263	33	67	13	5	7	4	3	3	135	10	10	8	163
Male	150	19	32	10	1	5	3	2	1	73	7	6	5	91
Female	113	14	35	3	4	2	1	1	2	62	3	4	3	72
Black	59	5	13	3	2	2	–	–	1	26	3	2	1	32
Male	36	3	7	1	2	2	–	–	1	16	–	2	1	19
Female	23	2	6	2	–	–	–	–	–	10	3	–	–	13

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.
(Page 4 of 12)
[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
District of Columbia	17	13	8	4	10	3	3	1	4	1	1
Male	10	9	5	3	6	3	2	1	2	–	1
Female	7	4	3	1	4	–	1	–	2	1	–
White	1	–	1	1	–	–	–	–	–	–	–
Male	–	–	–	1	–	–	–	–	–	–	–
Female	1	–	1	–	–	–	–	–	–	–	–
Black	16	13	7	3	10	3	3	1	4	1	1
Male	10	9	5	2	6	3	2	1	2	–	1
Female	6	4	2	1	4	–	1	–	2	1	–
Florida	165	125	82	93	50	38	37	29	26	16	22
Male	91	73	54	64	26	17	19	19	13	11	12
Female	74	52	28	29	24	21	18	10	13	5	10
White	102	70	43	48	24	22	18	17	11	12	14
Male	57	41	29	29	12	11	10	12	4	8	8
Female	45	29	14	19	12	11	8	5	7	4	6
Black	62	55	38	45	24	16	19	12	15	4	8
Male	34	32	24	35	13	6	9	7	9	3	4
Female	28	23	14	10	11	10	10	5	6	1	4
Georgia	130	109	71	50	25	26	19	10	16	10	9
Male	79	72	48	32	20	13	8	9	12	2	5
Female	51	37	23	18	5	13	11	1	4	8	4
White	53	48	36	20	11	15	7	6	7	6	7
Male	34	28	23	12	8	8	3	5	5	2	3
Female	19	20	13	8	3	7	4	1	2	4	4
Black	77	61	34	30	14	10	11	3	9	4	2
Male	45	44	24	20	12	4	4	3	7	–	2
Female	32	17	10	10	2	6	7	–	2	4	–
Hawaii	12	11	10	4	5	3	–	1	4	–	2
Male	8	3	3	2	3	2	–	–	3	–	–
Female	4	8	7	2	2	1	–	1	1	–	2
White	1	–	4	1	–	–	–	–	–	–	–
Male	1	–	–	1	–	–	–	–	–	–	–
Female	–	–	4	–	–	–	–	–	–	–	–
Black	–	2	1	–	–	–	–	–	1	–	–
Male	–	–	–	–	–	–	–	–	1	–	–
Female	–	2	1	–	–	–	–	–	–	–	–
Idaho	18	20	6	9	5	5	1	2	2	–	2
Male	9	14	2	5	4	4	–	2	1	–	2
Female	9	6	4	4	1	1	1	–	1	–	–
White	18	19	6	8	5	5	1	2	2	–	2
Male	9	13	2	5	4	4	–	2	1	–	2
Female	9	6	4	3	1	1	1	–	1	–	–
Black	–	–	–	1	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	1	–	–	–	–	–	–	–
Illinois	178	141	108	85	51	44	33	25	17	25	20
Male	92	80	67	53	34	20	19	8	9	11	8
Female	86	61	41	32	17	24	14	17	8	14	12
White	85	72	46	40	28	17	15	11	8	12	9
Male	46	45	29	28	22	10	10	5	4	7	4
Female	39	27	17	12	6	7	5	6	4	5	5
Black	89	68	59	45	23	27	18	14	9	13	11
Male	45	34	36	25	12	10	9	3	5	4	4
Female	44	34	23	20	11	17	9	11	4	9	7
Indiana	83	70	34	28	20	18	17	13	5	10	3
Male	41	35	23	20	17	9	7	10	4	5	2
Female	42	35	11	8	3	9	10	3	1	5	1
White	70	57	30	21	14	11	15	13	3	8	3
Male	33	31	19	15	13	6	6	10	2	4	2
Female	37	26	11	6	1	5	9	3	1	4	1
Black	13	13	4	6	6	7	2	–	2	2	–
Male	8	4	4	4	4	3	1	–	2	1	–
Female	5	9	–	2	2	4	1	–	–	1	–
Iowa	31	36	18	16	8	4	7	5	4	3	2
Male	22	25	7	7	8	2	3	3	3	3	1
Female	9	11	11	9	–	2	4	2	1	–	1
White	27	33	18	16	8	3	7	5	4	3	2
Male	19	23	7	7	8	2	3	3	3	3	1
Female	8	10	11	9	–	1	4	2	1	–	1
Black	1	2	–	–	–	1	–	–	–	–	–
Male	–	1	–	–	–	–	–	–	–	–	–
Female	1	1	–	–	–	1	–	–	–	–	–
Kansas	29	28	18	14	11	9	5	5	1	5	4
Male	16	18	12	9	8	5	1	2	–	3	3
Female	13	10	6	5	3	4	4	3	1	2	1
White	20	18	15	13	10	6	4	5	1	4	4
Male	11	11	11	8	7	3	1	2	–	2	3
Female	9	7	4	5	3	3	3	3	1	2	1
Black	8	10	3	1	1	2	1	–	–	1	–
Male	4	7	1	1	1	2	–	–	–	1	–
Female	4	3	2	–	–	–	1	–	–	–	–

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.
(Page 5 of 12)
[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
Kentucky	461	48	103	23	10	8	6	4	–	202	28	15	13	258
Male	267	25	62	18	4	4	4	1	–	118	18	14	7	157
Female	194	23	41	5	6	4	2	3	–	84	10	1	6	101
White	387	44	83	19	8	7	4	3	–	168	23	10	9	210
Male	230	23	51	16	4	4	2	–	–	100	16	9	6	131
Female	157	21	32	3	4	3	2	3	–	68	7	1	3	79
Black	73	4	20	4	2	1	2	1	–	34	5	5	4	48
Male	37	2	11	2	–	–	2	1	–	18	2	5	1	26
Female	36	2	9	2	2	1	–	–	–	16	3	–	3	22
Louisiana	799	78	199	51	21	16	16	4	5	390	39	28	27	484
Male	453	49	111	28	13	8	7	1	1	218	26	19	16	279
Female	346	29	88	23	8	8	9	3	4	172	13	9	11	205
White	298	22	78	17	9	5	6	2	3	142	17	16	8	183
Male	162	11	37	10	6	2	3	–	–	69	10	12	5	96
Female	136	11	41	7	3	3	3	2	3	73	7	4	3	87
Black	495	55	120	34	12	11	9	2	2	245	22	12	18	297
Male	288	37	73	18	7	6	4	1	1	147	16	7	11	181
Female	207	18	47	16	5	5	5	1	1	98	6	5	7	116
Maine	108	14	41	2	9	2	–	–	2	70	4	2	3	79
Male	62	5	24	2	3	–	–	–	1	35	4	1	3	43
Female	46	9	17	–	6	2	–	–	1	35	–	1	–	36
White	104	14	40	2	9	2	–	–	2	69	4	2	3	78
Male	58	5	23	2	3	–	–	–	1	34	4	1	3	42
Female	46	9	17	–	6	2	–	–	1	35	–	1	–	36
Black	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Maryland	766	96	227	32	23	16	11	3	9	417	36	27	22	502
Male	405	52	132	13	12	8	8	2	5	232	16	16	14	278
Female	361	44	95	19	11	8	3	1	4	185	20	11	8	224
White	331	39	76	9	11	9	7	1	7	159	23	12	15	209
Male	171	14	41	5	7	5	5	1	4	82	11	8	10	111
Female	160	25	35	4	4	4	2	–	3	77	12	4	5	98
Black	425	57	149	23	12	7	4	2	2	256	12	15	7	290
Male	227	38	89	8	5	3	3	1	1	148	4	8	4	164
Female	198	19	60	15	7	4	1	1	1	108	8	7	3	126
Massachusetts	650	112	174	20	17	15	11	11	7	367	37	24	20	448
Male	370	69	96	13	9	9	7	5	5	213	22	14	10	259
Female	280	43	78	7	8	6	4	6	2	154	15	10	10	189
White	527	91	137	15	14	14	10	9	6	296	31	17	14	358
Male	304	57	75	10	7	8	6	4	4	171	18	10	8	207
Female	223	34	62	5	7	6	4	5	2	125	13	7	6	151
Black	107	17	34	3	3	1	1	2	–	61	5	7	5	78
Male	57	9	19	2	2	1	1	1	–	35	3	4	2	44
Female	50	8	15	1	1	–	–	1	–	26	2	3	3	34
Michigan	1,641	167	507	73	58	24	34	18	12	893	91	56	35	1,075
Male	940	95	288	43	33	18	22	11	9	519	53	29	21	622
Female	701	72	219	30	25	6	12	7	3	374	38	27	14	453
White	932	103	248	38	42	18	23	12	6	490	52	28	19	589
Male	553	61	131	23	25	14	18	8	4	284	36	13	11	344
Female	379	42	117	15	17	4	5	4	2	206	16	15	8	245
Black	691	62	252	34	16	6	10	6	6	392	39	28	14	473
Male	380	34	154	20	8	4	4	3	5	232	17	16	8	273
Female	311	28	98	14	8	2	6	3	1	160	22	12	6	200
Minnesota	496	67	111	20	15	13	8	13	2	249	26	14	6	295
Male	285	37	61	11	10	8	5	9	2	143	17	7	3	170
Female	211	30	50	9	5	5	3	4	–	106	9	7	3	125
White	407	61	91	18	13	11	6	13	1	214	21	13	3	251
Male	234	33	50	10	9	7	3	9	1	122	15	7	1	145
Female	173	28	41	8	4	4	3	4	–	92	6	6	2	106
Black	61	4	16	1	1	2	2	–	1	27	2	–	3	32
Male	34	2	9	–	1	1	2	–	1	16	–	–	2	18
Female	27	2	7	1	–	1	–	–	–	11	2	–	1	14
Mississippi	529	56	130	29	34	7	4	8	4	272	30	17	13	332
Male	317	33	78	17	18	5	2	5	2	160	19	12	10	201
Female	212	23	52	12	16	2	2	3	2	112	11	5	3	131
White	188	12	40	12	14	3	2	1	3	87	10	6	7	110
Male	126	6	28	9	7	2	1	–	1	54	9	5	5	73
Female	62	6	12	3	7	1	1	1	2	33	1	1	2	37
Black	336	44	88	16	20	4	2	7	1	182	20	11	6	219
Male	188	27	48	7	11	3	1	5	1	103	10	7	5	125
Female	148	17	40	9	9	1	1	2	–	79	10	4	1	94
Missouri	748	76	182	36	35	22	4	8	6	369	30	27	25	451
Male	427	34	97	25	23	10	3	7	3	202	18	16	17	253
Female	321	42	85	11	12	12	1	1	3	167	12	11	8	198
White	500	48	128	22	26	15	4	6	5	254	20	20	22	316
Male	289	17	71	18	18	7	3	5	3	142	12	11	15	180
Female	211	31	57	4	8	8	1	1	2	112	8	9	7	136
Black	247	28	54	14	9	7	–	2	1	115	10	6	3	134
Male	138	17	26	7	5	3	–	2	–	60	6	5	2	73
Female	109	11	28	7	4	4	–	–	1	55	4	1	1	61

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
Kentucky	57	49	29	20	15	7	6	5	5	4	6
Male	38	21	18	13	7	5	4	1	2	–	1
Female	19	28	11	7	8	2	2	4	3	4	5
White	49	40	24	19	14	6	6	5	5	3	6
Male	33	19	16	13	6	4	4	1	2	–	1
Female	16	21	8	6	8	2	2	4	3	3	5
Black	8	9	4	1	1	1	–	–	–	1	–
Male	5	2	2	–	1	1	–	–	–	–	–
Female	3	7	2	1	–	–	–	–	–	1	–
Louisiana	72	63	37	34	27	17	12	16	13	10	14
Male	43	28	28	22	9	10	7	8	9	6	4
Female	29	35	9	12	18	7	5	8	4	4	10
White	29	26	15	10	8	8	5	5	3	2	4
Male	19	13	13	5	2	3	2	3	3	1	2
Female	10	13	2	5	6	5	3	2	–	1	2
Black	43	37	22	23	19	9	7	10	10	8	10
Male	24	15	15	16	7	7	5	5	6	5	2
Female	19	22	7	7	12	2	2	5	4	3	8
Maine	6	10	6	–	1	1	–	1	–	2	2
Male	6	6	4	–	1	–	–	–	–	1	1
Female	–	4	2	–	–	1	–	1	–	1	1
White	5	9	5	–	1	1	–	1	–	2	2
Male	5	5	3	–	1	–	–	–	–	1	1
Female	–	4	2	–	–	1	–	1	–	1	1
Black	–	1	–	–	–	–	–	–	–	–	–
Male	–	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Maryland	71	38	44	28	21	17	11	17	6	5	6
Male	28	21	22	14	11	12	5	6	3	4	1
Female	43	17	22	14	10	5	6	11	3	1	5
White	34	14	22	14	9	9	5	9	2	2	2
Male	14	8	12	5	4	7	3	4	1	1	1
Female	20	6	10	9	5	2	2	5	1	1	1
Black	34	24	21	14	11	7	5	8	4	3	4
Male	13	13	9	9	6	4	2	2	2	3	–
Female	21	11	12	5	5	3	3	6	2	–	4
Massachusetts	46	50	37	26	9	8	8	7	3	3	5
Male	25	29	24	14	5	2	4	3	2	1	2
Female	21	21	13	12	4	6	4	4	1	2	3
White	39	41	33	21	8	7	7	5	2	3	3
Male	20	26	23	13	5	1	4	2	1	1	1
Female	19	15	10	8	3	6	3	3	1	2	2
Black	6	8	3	5	1	1	–	2	1	–	2
Male	4	3	1	1	–	1	–	1	1	–	1
Female	2	5	2	4	1	–	–	1	–	–	1
Michigan	142	123	95	66	36	31	16	20	19	7	11
Male	78	68	57	37	22	20	8	5	12	4	7
Female	64	55	38	29	14	11	8	15	7	3	4
White	91	69	61	36	24	20	11	9	12	4	6
Male	54	41	40	21	17	14	5	2	10	2	3
Female	37	28	21	15	7	6	6	7	2	2	3
Black	49	53	33	29	12	11	5	11	7	3	5
Male	23	27	17	15	5	6	3	3	2	2	4
Female	26	26	16	14	7	5	2	8	5	1	1
Minnesota	53	38	39	19	12	10	10	7	2	5	6
Male	29	24	25	10	3	6	9	3	–	3	3
Female	24	14	14	9	9	4	1	4	2	2	3
White	41	30	27	16	10	9	7	6	2	3	5
Male	22	20	16	8	3	5	7	3	–	2	3
Female	19	10	11	8	7	4	–	3	2	1	2
Black	11	4	7	2	2	1	2	–	–	–	–
Male	6	1	5	2	–	1	1	–	–	–	–
Female	5	3	2	–	2	–	1	–	–	–	–
Mississippi	39	50	27	24	17	7	11	11	6	3	2
Male	23	28	18	14	8	4	6	8	3	2	2
Female	16	22	9	10	9	3	5	3	3	1	–
White	18	21	8	8	7	2	3	5	3	1	2
Male	13	15	5	4	5	2	1	4	1	1	2
Female	5	6	3	4	2	–	2	1	2	–	–
Black	20	28	19	16	10	5	8	6	3	2	–
Male	10	13	13	10	3	2	5	4	2	1	–
Female	10	15	6	6	7	3	3	2	1	1	–
Missouri	64	64	38	31	34	14	14	11	11	12	4
Male	40	32	26	24	19	8	8	4	2	7	4
Female	24	32	12	7	15	6	6	7	9	5	–
White	37	46	21	20	19	10	8	6	6	9	2
Male	23	22	15	17	11	7	4	2	1	5	2
Female	14	24	6	3	8	3	4	4	5	4	–
Black	27	18	17	11	15	4	6	5	5	3	2
Male	17	10	11	7	8	1	4	2	1	2	2
Female	10	8	6	4	7	3	2	3	4	1	–

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.
(Page 7 of 12)
[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
Montana	105	12	18	4	2	1	3	–	2	42	7	3	1	53
Male	65	6	12	3	2	1	2	–	–	26	5	2	1	34
Female	40	6	6	1	–	–	1	–	2	16	2	1	–	19
White	83	8	15	4	1	1	2	–	2	33	5	2	1	41
Male	51	3	11	3	1	1	2	–	–	21	3	1	1	26
Female	32	5	4	1	–	–	–	–	2	12	2	1	–	15
Black	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nebraska	202	31	43	4	3	4	3	1	3	92	9	13	6	120
Male	113	15	26	1	1	3	2	–	1	49	6	6	3	64
Female	89	16	17	3	2	1	1	1	2	43	3	7	3	56
White	160	20	36	4	3	4	2	1	3	73	6	10	5	94
Male	95	11	22	1	1	3	2	–	1	41	5	6	2	54
Female	65	9	14	3	2	1	–	1	2	32	1	4	3	40
Black	26	7	6	–	–	–	–	–	–	13	2	2	–	17
Male	13	4	3	–	–	–	–	–	–	7	1	–	–	8
Female	13	3	3	–	–	–	–	–	–	6	1	2	–	9
Nevada	181	20	36	5	4	4	5	2	3	79	8	8	8	103
Male	108	10	18	4	4	2	4	–	3	45	4	5	4	58
Female	73	10	18	1	–	2	1	2	–	34	4	3	4	45
White	147	16	31	5	3	2	4	2	3	66	6	6	4	82
Male	87	7	18	4	3	–	4	–	3	39	4	3	2	48
Female	60	9	13	1	–	2	–	2	–	27	2	3	2	34
Black	27	2	5	–	1	2	1	–	–	11	2	2	3	18
Male	16	2	–	–	1	2	–	–	–	5	–	2	2	9
Female	11	–	5	–	–	–	1	–	–	6	2	–	1	9
New Hampshire	125	16	23	10	1	–	1	1	3	55	6	5	1	67
Male	74	9	14	3	–	–	1	1	3	31	5	2	1	39
Female	51	7	9	7	1	–	–	–	–	24	1	3	–	28
White	124	16	23	10	1	–	1	1	3	55	6	5	1	67
Male	74	9	14	3	–	–	1	1	3	31	5	2	1	39
Female	50	7	9	7	1	–	–	–	–	24	1	3	–	28
Black	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	–	–	–	–
New Jersey	1,102	116	294	87	65	27	27	9	8	633	54	31	31	749
Male	612	69	158	50	35	10	17	3	4	346	31	13	19	409
Female	490	47	136	37	30	17	10	6	4	287	23	18	12	340
White	627	75	172	43	39	20	19	9	4	381	34	19	16	450
Male	366	52	96	29	17	7	12	3	2	218	23	9	9	259
Female	261	23	76	14	22	13	7	6	2	163	11	10	7	191
Black	425	32	107	41	23	6	5	–	4	218	18	12	15	263
Male	220	13	53	21	16	3	2	–	2	110	7	4	10	131
Female	205	19	54	20	7	3	3	–	2	108	11	8	5	132
New Mexico	246	32	41	12	7	10	3	4	1	110	22	6	7	145
Male	140	20	21	7	3	7	2	1	1	62	16	5	3	86
Female	106	12	20	5	4	3	1	3	–	48	6	1	4	59
White	205	28	33	10	5	10	3	2	1	92	20	5	7	124
Male	120	17	17	5	3	7	2	–	1	52	16	4	3	75
Female	85	11	16	5	2	3	1	2	–	40	4	1	4	49
Black	10	1	2	–	–	–	–	1	–	4	–	–	–	4
Male	4	1	1	–	–	–	–	–	–	2	–	–	–	2
Female	6	–	1	–	–	–	–	1	–	2	–	–	–	2
New York	2,851	351	725	210	136	62	35	55	35	1,609	154	102	66	1,931
Male	1,612	191	427	134	79	30	13	31	21	926	94	58	38	1,116
Female	1,239	160	298	76	57	32	22	24	14	683	60	44	28	815
White	1,661	202	424	122	76	39	20	37	23	943	107	60	43	1,153
Male	942	106	252	77	43	21	6	22	15	542	67	30	27	666
Female	719	96	172	45	33	18	14	15	8	401	40	30	16	487
Black	1,149	145	293	86	59	20	14	15	10	642	46	41	21	750
Male	646	82	171	55	35	8	6	8	4	369	27	28	11	435
Female	503	63	122	31	24	12	8	7	6	273	19	13	10	315
North Carolina	1,109	151	385	41	31	23	7	11	11	660	50	32	22	764
Male	636	87	222	22	15	14	3	8	8	379	25	15	12	431
Female	473	64	163	19	16	9	4	3	3	281	25	17	10	333
White	578	77	167	25	10	18	6	9	4	316	30	18	14	378
Male	337	43	102	15	5	12	2	6	3	188	12	7	7	214
Female	241	34	65	10	5	6	4	3	1	128	18	11	7	164
Black	507	68	211	14	20	5	1	2	7	328	19	14	7	368
Male	287	40	118	7	10	2	1	2	5	185	12	8	4	209
Female	220	28	93	7	10	3	–	–	2	143	7	6	3	159
North Dakota	74	12	21	1	4	1	1	1	–	41	3	5	2	51
Male	37	5	7	–	4	1	1	1	–	19	1	3	2	25
Female	37	7	14	1	–	–	–	–	–	22	2	2	–	26
White	65	12	20	1	4	1	1	1	–	40	3	4	1	48
Male	32	5	6	–	4	1	1	1	–	18	1	3	1	23
Female	33	7	14	1	–	–	–	–	–	22	2	1	–	25
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.
(Page 8 of 12)
[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
Montana	11	13	7	8	4	2	1	3	1	–	2
Male	6	8	6	5	2	1	–	1	1	–	1
Female	5	5	1	3	2	1	1	2	–	–	1
White	9	9	4	8	4	2	–	3	1	–	2
Male	5	5	4	5	2	1	–	1	1	–	1
Female	4	4	–	3	2	1	–	2	–	–	1
Black	–	1	–	–	–	–	–	–	–	–	–
Male	–	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Nebraska	15	18	19	9	4	4	2	1	2	5	3
Male	8	14	12	6	–	1	1	–	2	2	3
Female	7	4	7	3	4	3	1	1	–	3	–
White	11	17	16	7	4	3	–	–	2	4	2
Male	6	14	11	4	–	–	–	–	2	2	2
Female	5	3	5	3	4	3	–	–	–	2	–
Black	3	–	2	1	–	1	1	–	–	–	1
Male	2	–	–	1	–	1	–	–	–	–	1
Female	1	–	2	–	–	–	1	–	–	–	–
Nevada	16	23	11	9	2	7	2	3	2	3	–
Male	10	15	8	6	2	3	2	1	1	2	–
Female	6	8	3	3	–	4	–	2	1	1	–
White	13	21	10	6	1	5	2	3	2	2	–
Male	7	13	7	4	1	2	2	1	1	1	–
Female	6	8	3	2	–	3	–	2	1	1	–
Black	2	2	–	2	1	2	–	–	–	–	–
Male	2	2	–	1	1	1	–	–	–	–	–
Female	–	–	–	1	–	1	–	–	–	–	–
New Hampshire	13	9	9	9	4	1	3	2	4	1	3
Male	8	5	6	6	1	–	3	1	3	–	2
Female	5	4	3	3	3	1	–	1	1	1	1
White	12	9	9	9	4	1	3	2	4	1	3
Male	8	5	6	6	1	–	3	1	3	–	2
Female	4	4	3	3	3	1	–	1	1	1	1
Black	1	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	–
New Jersey	68	58	71	33	35	14	21	16	10	12	15
Male	39	36	46	17	18	10	10	9	3	6	9
Female	29	22	25	16	17	4	11	7	7	6	6
White	38	29	37	15	13	6	15	8	7	5	4
Male	24	19	22	8	7	6	7	4	2	4	4
Female	14	10	15	7	6	–	8	4	5	1	–
Black	29	26	30	17	21	7	6	6	3	6	11
Male	14	15	21	9	10	4	3	5	1	2	5
Female	15	11	9	8	11	3	3	1	2	4	6
New Mexico	27	15	12	15	13	7	2	2	3	1	4
Male	16	9	9	9	3	2	1	–	1	1	3
Female	11	6	3	6	10	5	1	2	2	–	1
White	21	12	10	13	10	5	2	2	2	1	3
Male	15	7	7	7	3	1	1	–	1	1	2
Female	6	5	3	6	7	4	1	2	1	–	1
Black	3	1	–	–	–	1	–	–	–	–	1
Male	–	1	–	–	–	–	–	–	–	–	–
Female	3	–	–	–	–	1	–	–	–	–	1
New York	217	170	135	107	60	64	53	36	34	21	23
Male	120	93	74	59	32	33	26	21	14	13	11
Female	97	77	61	48	28	31	27	15	20	8	12
White	127	85	77	54	37	36	26	20	17	11	18
Male	77	50	38	26	17	18	14	13	7	6	10
Female	50	35	39	28	20	18	12	7	10	5	8
Black	89	81	57	51	22	26	27	16	17	8	5
Male	43	40	36	31	14	14	12	8	7	5	1
Female	46	41	21	20	8	12	15	8	10	3	4
North Carolina	93	57	47	42	20	21	25	12	9	12	7
Male	60	36	25	26	11	9	12	8	4	7	7
Female	33	21	22	16	9	12	13	4	5	5	–
White	56	28	24	24	11	15	13	9	5	11	4
Male	39	19	12	14	8	7	5	5	3	7	4
Female	17	9	12	10	3	8	8	4	2	4	–
Black	35	29	22	17	9	5	11	3	4	1	3
Male	19	17	12	12	3	1	7	3	1	–	3
Female	16	12	10	5	6	4	4	–	3	1	–
North Dakota	4	2	5	6	3	1	–	1	–	–	1
Male	3	2	1	5	1	–	–	–	–	–	–
Female	1	–	4	1	2	1	–	1	–	–	1
White	3	1	4	5	3	–	–	–	–	–	1
Male	2	1	1	4	1	–	–	–	–	–	–
Female	1	–	3	1	2	–	–	–	–	–	1
Black	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.
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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
Ohio	1,640	235	454	60	53	29	18	20	10	879	90	42	32	1,043
Male	915	130	244	29	30	19	13	8	6	479	54	20	18	571
Female	725	105	210	31	23	10	5	12	4	400	36	22	14	472
White	1,123	157	306	40	37	23	13	16	8	600	59	33	28	720
Male	625	87	159	21	21	15	9	6	4	322	39	15	15	391
Female	498	70	147	19	16	8	4	10	4	278	20	18	13	329
Black	507	77	145	20	16	5	5	4	2	274	31	9	4	318
Male	285	43	84	8	9	3	4	2	2	155	15	5	3	178
Female	222	34	61	12	7	2	1	2	-	119	16	4	1	140
Oklahoma	438	39	92	17	15	7	5	4	5	184	27	18	6	235
Male	254	21	61	11	8	3	3	3	2	112	17	10	2	141
Female	184	18	31	6	7	4	2	1	3	72	10	8	4	94
White	334	26	74	16	8	6	4	4	4	142	21	11	5	179
Male	196	13	50	10	5	3	3	3	2	89	12	7	2	110
Female	138	13	24	6	3	3	1	1	2	53	9	4	3	69
Black	73	12	15	1	4	1	1	-	-	34	4	5	1	44
Male	42	7	10	1	1	-	-	-	-	19	4	3	-	26
Female	31	5	5	-	3	1	1	-	-	15	-	2	1	18
Oregon	354	46	65	7	11	7	5	4	4	149	17	4	10	180
Male	198	21	33	6	8	2	3	2	2	77	9	2	7	95
Female	156	25	32	1	3	5	2	2	2	72	8	2	3	85
White	314	44	56	7	11	7	5	3	2	135	16	4	9	164
Male	174	19	28	6	8	2	3	1	-	67	9	2	6	84
Female	140	25	28	1	3	5	2	2	2	68	7	2	3	80
Black	19	-	5	-	-	-	-	1	2	8	1	-	-	9
Male	10	-	2	-	-	-	-	1	2	5	-	-	-	5
Female	9	-	3	-	-	-	-	-	-	3	1	-	-	4
Pennsylvania	1,643	176	515	88	47	29	34	13	15	917	78	49	44	1,088
Male	938	101	293	50	32	16	21	6	9	528	48	21	25	622
Female	705	75	222	38	15	13	13	7	6	389	30	28	19	466
White	1,095	123	330	50	34	17	25	10	14	603	53	34	31	721
Male	646	72	192	29	21	10	16	5	9	354	36	17	19	426
Female	449	51	138	21	13	7	9	5	5	249	17	17	12	295
Black	523	50	181	35	13	12	9	3	1	304	24	13	11	352
Male	279	26	98	20	11	6	5	1	-	167	12	3	5	187
Female	244	24	83	15	2	6	4	2	1	137	12	10	6	165
Rhode Island	123	16	38	8	3	5	4	1	4	79	1	7	2	89
Male	66	12	22	5	1	1	3	1	1	46	-	4	1	51
Female	57	4	16	3	2	4	1	-	3	33	1	3	1	38
White	109	12	36	8	3	3	4	1	4	71	-	7	2	80
Male	58	9	20	5	1	1	3	1	1	41	-	4	1	46
Female	51	3	16	3	2	2	1	-	3	30	-	3	1	34
Black	13	4	2	-	-	2	-	-	-	8	-	-	-	8
Male	8	3	2	-	-	-	-	-	-	5	-	-	-	5
Female	5	1	-	-	-	2	-	-	-	3	-	-	-	3
South Carolina	683	90	216	18	22	19	11	9	10	395	40	19	11	465
Male	388	53	121	9	11	7	7	4	4	216	29	16	7	268
Female	295	37	95	9	11	12	4	5	6	179	11	3	4	197
White	294	37	84	10	10	10	5	5	6	167	16	13	6	202
Male	163	24	48	5	4	4	3	2	3	93	10	10	3	116
Female	131	13	36	5	6	6	2	3	3	74	6	3	3	86
Black	388	53	131	8	12	9	6	4	4	227	24	6	5	262
Male	225	29	73	4	7	3	4	2	1	123	19	6	4	152
Female	163	24	58	4	5	6	2	2	3	104	5	-	1	110
South Dakota	111	12	22	5	5	2	-	-	-	46	4	7	2	59
Male	74	10	13	3	3	1	-	-	-	30	2	4	1	37
Female	37	2	9	2	2	1	-	-	-	16	2	3	1	22
White	77	6	17	2	5	2	-	-	-	32	4	7	1	44
Male	51	4	10	1	3	1	-	-	-	19	2	4	1	26
Female	26	2	7	1	2	1	-	-	-	13	2	3	-	18
Black	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	771	67	209	42	32	11	9	7	3	380	34	45	31	490
Male	431	35	112	19	19	7	7	4	-	203	21	24	19	267
Female	340	32	97	23	13	4	2	3	3	177	13	21	12	223
White	450	39	122	18	23	9	4	4	2	221	22	20	19	282
Male	257	20	63	7	12	5	4	2	-	113	16	14	11	154
Female	193	19	59	11	11	4	-	2	2	108	6	6	8	128
Black	315	28	87	24	9	2	5	3	1	159	11	24	12	206
Male	171	15	49	12	7	2	3	2	-	90	4	10	8	112
Female	144	13	38	12	2	-	2	1	1	69	7	14	4	94
Texas	2,552	230	640	136	96	65	36	33	34	1,270	150	86	60	1,566
Male	1,467	120	373	83	59	38	22	19	22	736	81	53	33	903
Female	1,085	110	267	53	37	27	14	14	12	534	69	33	27	663
White	1,877	155	444	109	84	46	29	25	26	918	116	64	50	1,148
Male	1,075	80	261	66	50	24	20	13	16	530	66	38	29	663
Female	802	75	183	43	34	22	9	12	10	388	50	26	21	485
Black	636	71	181	26	11	17	7	8	8	329	32	21	10	392
Male	368	38	103	16	9	13	2	6	6	193	14	14	4	225
Female	268	33	78	10	2	4	5	2	2	136	18	7	6	167

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
Ohio	159	143	84	50	52	30	20	12	17	12	18
Male	95	87	51	29	26	13	11	9	7	7	9
Female	64	56	33	21	26	17	9	3	10	5	9
White	113	95	59	35	33	19	12	5	12	6	14
Male	70	60	33	20	16	8	8	4	4	4	7
Female	43	35	26	15	17	11	4	1	8	2	7
Black	45	47	24	15	18	11	8	7	4	6	4
Male	24	27	17	9	9	5	3	5	3	3	2
Female	21	20	7	6	9	6	5	2	1	3	2
Oklahoma	47	33	28	23	15	12	10	5	8	9	13
Male	29	15	15	15	11	6	6	3	3	4	6
Female	18	18	13	8	4	6	4	2	5	5	7
White	37	23	19	18	14	7	8	3	7	8	11
Male	25	8	11	12	10	4	4	2	3	3	4
Female	12	15	8	6	4	3	4	1	4	5	7
Black	7	7	3	2	1	5	1	1	1	-	1
Male	3	5	1	2	1	2	1	-	-	-	1
Female	4	2	2	-	-	3	-	1	1	-	-
Oregon	47	35	38	21	12	5	4	5	2	3	2
Male	30	21	21	13	5	3	3	2	1	2	2
Female	17	14	17	8	7	2	1	3	1	1	-
White	38	31	33	19	11	4	4	4	2	2	2
Male	25	18	19	13	4	3	3	1	1	1	2
Female	13	13	14	6	7	1	1	3	1	1	-
Black	4	2	3	-	-	-	-	-	-	1	-
Male	2	2	-	-	-	-	-	-	-	1	-
Female	2	-	3	-	-	-	-	-	-	-	-
Pennsylvania	148	135	75	49	41	32	21	19	18	11	6
Male	85	78	43	34	26	17	13	6	7	5	2
Female	63	57	32	15	15	15	8	13	11	6	4
White	107	82	55	32	26	21	13	15	13	7	3
Male	60	53	34	21	19	10	11	4	5	2	1
Female	47	29	21	11	7	11	2	11	8	5	2
Black	38	50	20	17	13	10	8	4	5	3	3
Male	24	25	9	13	6	6	2	2	2	2	1
Female	14	25	11	4	7	4	6	2	3	1	2
Rhode Island	14	5	6	2	2	3	1	-	1	-	-
Male	4	2	5	1	1	1	1	-	-	-	-
Female	10	3	1	1	1	2	-	-	1	-	-
White	11	4	6	2	2	3	-	-	1	-	-
Male	3	1	5	1	1	1	-	-	-	-	-
Female	8	3	1	1	1	2	-	-	1	-	-
Black	3	1	-	-	-	-	1	-	-	-	-
Male	1	1	-	-	-	-	1	-	-	-	-
Female	2	-	-	-	-	-	-	-	-	-	-
South Carolina	56	42	36	23	15	15	8	7	8	3	5
Male	31	22	20	15	5	9	7	3	3	2	3
Female	25	20	16	8	10	6	1	4	5	1	2
White	20	23	16	8	8	7	3	2	1	2	2
Male	11	11	9	4	2	2	3	1	1	2	1
Female	9	12	7	4	6	5	-	1	-	-	1
Black	36	19	20	15	7	8	5	5	7	1	3
Male	20	11	11	11	3	7	4	2	2	-	2
Female	16	8	9	4	4	1	1	3	5	1	1
South Dakota	11	16	10	4	1	1	1	1	5	1	1
Male	9	12	8	3	1	1	-	-	3	-	-
Female	2	4	2	1	-	-	1	1	2	1	1
White	7	10	5	2	1	1	1	-	5	-	1
Male	6	9	3	2	1	1	-	-	3	-	-
Female	1	1	2	-	-	-	1	-	2	-	1
Black	-	-	1	-	-	-	-	-	-	-	-
Male	-	-	1	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Tennessee	78	49	37	32	19	21	18	9	7	7	4
Male	52	24	20	17	12	13	8	8	3	4	3
Female	26	25	17	15	7	8	10	1	4	3	1
White	47	25	25	16	12	14	13	7	4	3	2
Male	32	13	13	10	8	10	6	6	2	2	1
Female	15	12	12	6	4	4	7	1	2	1	1
Black	30	24	12	16	6	7	5	2	3	4	-
Male	20	11	7	7	4	3	2	2	1	2	-
Female	10	13	5	9	2	4	3	-	2	2	-
Texas	237	208	150	90	85	55	46	35	28	28	24
Male	134	139	86	42	45	31	21	21	11	18	16
Female	103	69	64	48	40	24	25	14	17	10	8
White	168	158	107	69	59	44	35	28	23	20	18
Male	96	105	60	30	27	26	18	17	8	12	13
Female	72	53	47	39	32	18	17	11	15	8	5
Black	63	45	43	21	24	11	11	7	5	8	6
Male	35	30	26	12	16	5	3	4	3	6	3
Female	28	15	17	9	8	6	8	3	2	2	3

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
Utah	271	27	40	8	5	9	5	4	2	100	18	12	9	139
Male	153	12	24	4	2	4	3	3	1	53	12	6	4	75
Female	118	15	16	4	3	5	2	1	1	47	6	6	5	64
White	251	23	36	8	4	9	5	4	2	91	18	12	8	129
Male	144	10	23	4	2	4	3	3	1	50	12	6	4	72
Female	107	13	13	4	2	5	2	1	1	41	6	6	4	57
Black	5	–	1	–	–	–	–	–	–	1	–	–	–	1
Male	3	–	1	–	–	–	–	–	–	1	–	–	–	1
Female	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Vermont	53	8	9	4	2	2	2	–	–	27	3	–	–	30
Male	35	6	3	2	2	2	2	–	–	17	2	–	–	19
Female	18	2	6	2	–	–	–	–	–	10	1	–	–	11
White	53	8	9	4	2	2	2	–	–	27	3	–	–	30
Male	35	6	3	2	2	2	2	–	–	17	2	–	–	19
Female	18	2	6	2	–	–	–	–	–	10	1	–	–	11
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Virginia	1,013	121	342	43	26	26	9	12	11	590	50	30	25	695
Male	577	72	176	23	18	16	6	6	6	323	27	18	19	387
Female	436	49	166	20	8	10	3	6	5	267	23	12	6	308
White	534	64	150	24	18	17	6	7	9	295	32	13	12	352
Male	307	34	77	14	12	11	3	3	4	158	21	6	9	194
Female	227	30	73	10	6	6	3	4	5	137	11	7	3	158
Black	466	56	189	19	8	9	2	5	2	290	17	16	13	336
Male	264	37	98	9	6	5	2	3	2	162	6	12	10	190
Female	202	19	91	10	2	4	–	2	–	128	11	4	3	146
Washington	621	73	121	33	15	8	9	3	5	267	32	20	13	332
Male	332	42	73	17	10	4	4	2	4	156	17	11	8	192
Female	289	31	48	16	5	4	5	1	1	111	15	9	5	140
White	517	58	95	29	13	8	9	3	5	220	26	18	10	274
Male	269	31	55	14	10	4	4	2	4	124	13	10	6	153
Female	248	27	40	15	3	4	5	1	1	96	13	8	4	121
Black	60	9	19	1	–	–	–	–	–	29	2	2	1	34
Male	35	6	13	1	–	–	–	–	–	20	1	1	–	22
Female	25	3	6	–	–	–	–	–	–	9	1	1	1	12
West Virginia	223	27	57	13	4	5	5	3	3	117	5	12	9	143
Male	130	14	34	6	1	4	3	2	1	65	4	8	6	83
Female	93	13	23	7	3	1	2	1	2	52	1	4	3	60
White	207	26	48	11	4	5	5	3	3	105	5	12	9	131
Male	120	14	29	4	1	4	3	2	1	58	4	8	6	76
Female	87	12	19	7	3	1	2	1	2	47	1	4	3	55
Black	16	1	9	2	–	–	–	–	–	12	–	–	–	12
Male	10	–	5	2	–	–	–	–	–	7	–	–	–	7
Female	6	1	4	–	–	–	–	–	–	5	–	–	–	5
Wisconsin	598	69	127	21	20	15	8	7	6	273	37	19	16	345
Male	342	37	80	13	10	12	5	3	4	164	24	9	8	205
Female	256	32	47	8	10	3	3	4	2	109	13	10	8	140
White	449	50	96	16	17	14	8	5	6	212	32	16	12	272
Male	257	26	59	10	9	12	5	2	4	127	20	8	7	162
Female	192	24	37	6	8	2	3	3	2	85	12	8	5	110
Black	136	17	30	5	3	1	–	2	–	58	4	2	4	68
Male	78	11	21	3	1	–	–	1	–	37	3	–	1	41
Female	58	6	9	2	2	1	–	1	–	21	1	2	3	27
Wyoming	60	12	6	1	1	2	1	–	–	23	2	2	–	27
Male	37	4	5	1	1	1	–	–	–	12	1	1	–	14
Female	23	8	1	–	–	1	1	–	–	11	1	1	–	13
White	57	11	6	1	1	2	1	–	–	22	2	2	–	26
Male	35	3	5	1	1	1	–	–	–	11	1	1	–	13
Female	22	8	1	–	–	1	1	–	–	11	1	1	–	13
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 2-12. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1990—Con.

(Page 12 of 12)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Area, race,[1] and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
Utah	31	26	29	12	8	5	6	6	7	-	2
Male	16	17	17	8	6	3	5	3	2	-	1
Female	15	9	12	4	2	2	1	3	5	-	1
White	30	23	27	12	7	4	6	5	6	-	2
Male	16	15	15	8	5	2	5	3	2	-	1
Female	14	8	12	4	2	2	1	2	4	-	1
Black	1	-	1	-	-	1	-	1	-	-	-
Male	-	-	1	-	-	1	-	-	-	-	-
Female	1	-	-	-	-	-	-	1	-	-	-
Vermont	7	4	4	4	2	-	2	-	-	-	-
Male	5	3	2	3	1	-	2	-	-	-	-
Female	2	1	2	1	1	-	-	-	-	-	-
White	7	4	4	4	2	-	2	-	-	-	-
Male	5	3	2	3	1	-	2	-	-	-	-
Female	2	1	2	1	1	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Virginia	79	73	53	30	23	18	15	8	12	3	4
Male	52	37	35	17	16	11	7	4	7	2	2
Female	27	36	18	13	7	7	8	4	5	1	2
White	47	42	33	17	13	12	7	3	5	2	1
Male	28	26	21	11	11	8	3	2	1	2	-
Female	19	16	12	6	2	4	4	1	4	-	1
Black	31	29	19	13	10	6	8	5	7	1	1
Male	23	10	14	6	5	3	4	2	6	-	1
Female	8	19	5	7	5	3	4	3	1	1	-
Washington	67	78	44	41	18	12	6	8	7	3	5
Male	30	39	20	20	9	8	3	4	3	1	3
Female	37	39	24	21	9	4	3	4	4	2	2
White	58	65	36	35	16	10	5	7	5	3	3
Male	24	32	16	17	8	8	3	3	2	1	2
Female	34	33	20	18	8	2	2	4	3	2	1
Black	5	7	5	4	1	-	-	1	1	-	2
Male	3	2	2	2	1	-	-	1	1	-	1
Female	2	5	3	2	-	-	-	-	-	-	1
West Virginia	16	16	13	9	7	2	4	5	2	3	3
Male	8	9	8	5	5	2	2	3	1	1	3
Female	8	7	5	4	2	-	2	2	1	2	-
White	15	14	13	9	7	2	3	5	2	3	3
Male	8	7	8	5	5	2	1	3	1	1	3
Female	7	7	5	4	2	-	2	2	1	2	-
Black	1	2	-	-	-	-	1	-	-	-	-
Male	-	2	-	-	-	-	1	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-
Wisconsin	54	61	29	34	18	13	19	5	6	9	5
Male	31	36	12	16	14	8	10	2	2	3	3
Female	23	25	17	18	4	5	9	3	4	6	2
White	41	45	17	30	12	6	14	1	2	4	5
Male	23	29	8	13	9	2	6	1	1	-	3
Female	18	16	9	17	3	4	8	-	1	4	2
Black	13	15	10	3	4	7	4	4	4	4	-
Male	8	6	4	2	3	6	3	1	1	3	-
Female	5	9	6	1	1	1	1	3	3	1	-
Wyoming	10	11	6	1	2	1	-	1	-	-	1
Male	9	6	3	1	2	-	-	1	-	-	1
Female	1	5	3	-	-	1	-	-	-	-	-
White	9	11	5	1	2	1	-	1	-	-	1
Male	8	6	3	1	2	-	-	1	-	-	1
Female	1	5	2	-	-	1	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-

[1] Totals for geographic areas include races other than white and black.

Table 2-13. Infant Deaths, by Month, Age, Race, and Sex: United States, 1990

(Page 1 of 3)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Age, race,[1] and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BOTH SEXES													
Under 1 year	38,351	3,641	3,052	3,387	3,203	3,200	3,078	3,105	3,086	2,992	3,172	3,093	3,342
White	24,883	2,408	1,993	2,149	2,011	2,095	1,993	2,025	2,040	1,868	2,031	2,045	2,225
Black	12,290	1,123	962	1,122	1,085	1,002	987	997	954	1,039	1,049	955	1,015
Under 28 days	24,309	2,093	1,839	2,056	2,067	2,085	2,046	2,145	2,126	2,000	2,039	1,872	1,941
White	15,751	1,353	1,204	1,310	1,315	1,367	1,334	1,395	1,404	1,247	1,272	1,239	1,311
Black	7,905	684	584	685	696	658	649	699	674	710	707	581	578
Under 7 days	20,020	1,721	1,521	1,725	1,715	1,737	1,711	1,754	1,725	1,633	1,670	1,535	1,573
White	12,831	1,108	981	1,074	1,073	1,121	1,109	1,120	1,123	1,009	1,038	1,016	1,059
Black	6,670	569	499	599	599	561	555	595	560	587	591	478	477
Under 1 hour	4,362	365	320	370	377	364	380	365	388	355	364	355	359
White	2,794	237	194	233	222	241	231	222	274	233	227	244	236
Black	1,419	111	111	123	140	108	139	135	105	113	127	98	109
1-23 hours	10,265	909	815	904	882	905	853	916	873	820	845	760	783
White	6,350	568	517	539	519	554	541	580	524	478	523	487	520
Black	3,679	327	280	337	341	323	290	318	327	321	309	255	251
1 day	1,846	139	136	162	160	169	165	167	147	153	156	143	149
White	1,176	88	85	104	118	110	107	103	99	82	92	82	106
Black	623	47	49	53	39	55	52	62	45	65	58	57	41
2 days	1,340	124	102	94	108	111	122	114	116	111	115	106	117
White	923	82	69	61	72	82	88	81	86	74	71	76	81
Black	388	38	29	31	35	28	30	32	29	36	38	29	33
3 days	813	69	56	67	60	68	75	63	79	81	73	55	67
White	578	49	43	45	43	46	57	43	56	58	45	43	50
Black	218	18	13	21	17	20	17	18	21	23	25	10	15
4 days	574	43	33	51	58	54	56	62	58	44	41	43	31
White	419	35	26	38	45	39	40	42	38	31	31	32	22
Black	138	8	6	13	12	14	12	15	17	13	10	10	8
5 days	444	40	30	44	41	31	31	37	32	35	47	40	36
White	328	29	26	34	31	23	24	27	23	29	27	31	24
Black	104	10	4	10	9	5	7	8	9	6	17	8	11
6 days	376	32	29	33	29	35	29	30	32	34	29	33	31
White	263	20	21	20	23	26	21	22	23	24	22	21	20
Black	101	10	7	11	6	8	8	7	7	10	7	11	9
7-13 days	2,015	181	149	166	154	162	162	175	186	173	180	158	169
White	1,397	122	113	118	110	121	103	127	130	112	117	101	123
Black	553	55	29	42	39	38	53	42	52	61	53	51	38
14-20 days	1,308	116	89	96	112	115	108	117	141	99	106	96	113
White	868	71	60	67	75	81	74	78	101	62	66	66	67
Black	408	40	28	29	34	33	28	35	39	36	37	29	40
21-27 days	966	75	80	69	86	71	65	99	74	95	83	83	86
White	655	52	50	51	57	44	48	70	50	64	51	56	62
Black	274	20	28	15	24	26	13	27	23	26	26	23	23
28-59 days	3,401	370	283	303	258	282	245	255	269	257	292	268	319
White	2,222	256	185	183	165	187	170	171	179	159	188	173	206
Black	1,051	105	88	107	78	83	67	73	78	89	98	85	100
2 months	2,910	339	251	284	242	214	207	182	167	213	268	281	262
White	1,896	234	160	188	149	145	124	111	117	131	176	196	165
Black	907	94	86	86	85	61	75	63	39	72	83	79	84
3 months	2,126	248	180	214	174	144	142	119	138	137	168	200	262
White	1,421	168	127	138	101	94	92	87	91	93	111	137	182
Black	615	67	44	65	62	41	45	29	38	41	54	54	75
4 months	1,536	182	143	160	120	141	101	104	99	91	101	136	158
White	992	126	88	100	78	83	63	68	64	58	73	91	100
Black	499	48	50	55	39	53	34	35	33	31	28	41	52
5 months	1,040	107	104	80	102	93	93	80	63	67	78	72	101
White	661	63	59	54	61	59	58	49	40	43	56	49	70
Black	333	40	38	23	36	30	32	25	22	20	20	19	28
6 months	772	72	69	75	63	49	64	57	71	60	52	59	81
White	495	48	47	45	34	28	45	44	43	39	35	36	51
Black	251	19	20	26	24	20	17	13	26	19	15	23	29
7 months	635	80	46	67	44	43	45	51	40	47	43	62	67
White	407	56	32	36	32	26	24	30	28	30	27	42	44
Black	208	23	11	29	11	17	20	21	10	14	14	19	19
8 months	499	48	53	42	41	48	48	27	35	38	40	31	48
White	319	31	34	23	23	33	30	19	28	23	28	18	29
Black	161	16	17	17	16	14	16	8	7	13	8	12	17
9 months	430	44	29	44	32	33	35	33	30	28	41	46	35
White	260	28	18	28	14	24	20	20	18	13	27	25	25
Black	154	15	10	13	18	9	14	12	10	12	12	19	10
10 months	346	34	27	27	28	43	28	21	22	28	23	34	31
White	228	25	20	19	17	30	20	10	14	16	19	20	18
Black	105	8	6	8	11	11	7	11	6	9	3	13	12
11 months	347	24	28	35	32	25	24	31	26	26	27	32	37
White	231	20	19	25	22	19	13	21	14	16	19	19	24
Black	101	4	8	8	9	5	11	8	11	9	7	10	11

Table 2-13. Infant Deaths, by Month, Age, Race, and Sex: United States, 1990—Con.

(Page 2 of 3)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Age, race,[1] and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MALE													
Under 1 year	21,856	2,103	1,789	1,938	1,837	1,773	1,755	1,758	1,725	1,695	1,838	1,735	1,910
White	14,371	1,395	1,155	1,274	1,170	1,180	1,163	1,161	1,150	1,075	1,185	1,174	1,289
Black	6,811	640	578	594	603	550	537	544	517	578	600	505	565
Under 28 days	13,839	1,203	1,057	1,187	1,180	1,153	1,165	1,233	1,207	1,140	1,163	1,044	1,107
White	9,075	770	684	786	750	762	773	816	805	724	731	704	770
Black	4,405	402	347	363	393	369	358	382	368	398	402	313	310
Under 7 days	11,348	982	875	1,009	984	956	979	1,002	971	936	930	844	880
White	7,337	622	556	652	610	621	647	647	635	591	576	575	605
Black	3,729	334	301	324	344	314	308	325	307	329	336	250	257
Under 1 hour	2,387	193	189	224	203	202	209	193	214	187	202	174	197
White	1,523	126	111	147	109	137	128	120	145	119	126	120	135
Black	782	59	71	69	83	58	77	65	62	65	73	45	55
1-23 hours	5,815	513	462	525	521	493	485	523	481	479	481	413	439
White	3,633	313	287	321	313	302	312	329	299	294	290	277	296
Black	2,054	192	165	185	193	182	161	182	168	177	183	129	137
1 day	1,073	85	75	95	94	98	97	100	89	82	83	88	87
White	702	53	50	67	66	62	66	65	61	45	49	56	62
Black	346	29	25	26	26	34	30	33	25	33	31	30	24
2 days	782	77	61	53	55	66	73	67	76	62	66	64	62
White	534	49	42	35	36	49	52	47	53	42	43	41	45
Black	234	25	18	16	19	17	19	19	22	19	22	23	15
3 days	471	41	34	39	33	31	47	37	42	53	38	34	42
White	345	29	24	26	26	21	37	27	30	38	26	28	33
Black	116	11	10	12	7	9	9	9	10	15	10	5	9
4 days	346	28	21	31	40	29	33	43	30	28	23	22	18
White	263	24	16	25	33	24	25	30	20	21	17	16	12
Black	73	4	5	6	6	5	4	9	9	7	6	6	6
5 days	263	26	20	23	26	19	20	24	20	21	19	28	17
White	191	18	17	19	18	13	15	19	13	16	10	22	11
Black	66	7	3	4	7	5	5	4	7	5	8	6	5
6 days	211	19	13	19	12	18	15	15	19	24	18	21	18
White	146	10	9	12	9	13	12	10	14	16	15	15	11
Black	58	7	4	6	3	4	3	4	4	8	3	6	6
7-13 days	1,183	108	87	86	79	95	90	105	111	91	117	96	118
White	854	79	65	65	59	72	58	85	76	59	81	65	90
Black	290	28	16	18	18	22	28	18	32	32	28	28	22
14-20 days	740	73	50	53	66	65	60	68	79	52	64	51	59
White	492	41	34	40	47	44	40	43	63	32	40	31	37
Black	235	30	16	13	18	21	17	23	15	20	23	19	20
21-27 days	568	40	45	39	51	37	36	58	46	61	52	53	50
White	392	28	29	29	34	25	28	41	31	42	34	33	38
Black	151	10	14	8	13	12	5	16	14	17	15	16	11
28-59 days	1,957	210	170	174	152	152	152	135	157	138	175	157	185
White	1,300	151	107	107	96	108	105	89	103	90	119	112	113
Black	573	51	57	58	46	38	41	39	48	42	51	38	64
2 months	1,705	200	155	167	130	128	111	98	86	132	169	175	154
White	1,153	142	104	111	84	89	69	66	62	83	115	125	103
Black	490	51	48	51	42	34	39	27	18	43	49	46	42
3 months	1,266	143	120	136	110	85	86	62	78	69	106	118	153
White	846	95	86	97	65	57	59	44	47	45	68	78	105
Black	361	39	28	33	39	22	24	18	24	22	36	32	44
4 months	911	115	89	86	75	75	59	66	63	50	56	79	98
White	575	76	54	52	51	44	37	39	41	30	35	54	62
Black	310	33	33	30	23	30	20	26	20	18	21	22	34
5 months	587	60	56	44	57	54	51	46	29	41	46	46	57
White	383	39	31	29	38	37	34	30	18	26	32	30	39
Black	176	19	20	14	16	15	15	13	11	12	12	12	17
6 months	416	43	39	43	32	26	35	27	36	38	28	30	39
White	270	30	23	26	17	15	26	21	24	25	19	18	26
Black	130	11	14	14	13	11	7	6	11	12	7	12	12
7 months	339	49	29	30	26	27	22	28	17	25	24	25	37
White	225	34	18	17	19	20	14	19	12	15	16	18	23
Black	103	14	9	12	7	7	7	9	4	8	7	7	12
8 months	265	23	32	19	31	21	27	15	19	20	22	11	25
White	176	16	21	12	20	14	17	12	15	12	16	5	16
Black	80	6	9	7	10	7	9	3	4	7	3	6	9
9 months	199	21	12	15	13	14	17	18	11	13	23	22	20
White	118	15	7	9	4	9	9	10	7	7	16	11	14
Black	77	6	5	5	9	5	8	8	3	6	6	10	6
10 months	183	21	15	15	16	23	16	15	13	13	10	13	13
White	121	14	11	11	14	14	11	6	10	7	7	9	7
Black	55	6	3	4	2	8	4	9	3	5	2	3	6
11 months	189	15	15	22	15	15	14	15	9	16	16	15	22
White	129	13	9	17	12	11	9	9	6	11	11	10	11
Black	51	2	5	3	3	4	5	4	3	5	4	4	9

Table 2-13. Infant Deaths, by Month, Age, Race, and Sex: United States, 1990—Con.
(Page 3 of 3)
[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group]

Age, race,[1] and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
FEMALE													
Under 1 year	16,495	1,538	1,263	1,449	1,366	1,427	1,323	1,347	1,361	1,297	1,334	1,358	1,432
White	10,512	1,013	838	875	841	915	830	864	890	793	846	871	936
Black	5,479	483	384	528	482	452	450	453	437	461	449	450	450
Under 28 days	10,470	890	782	869	887	932	881	912	919	860	876	828	834
White	6,676	583	520	524	565	605	561	579	599	523	541	535	541
Black	3,500	282	237	322	303	289	291	317	306	312	305	268	268
Under 7 days	8,672	739	646	716	731	781	732	752	754	697	740	691	693
White	5,494	486	425	422	463	500	462	473	488	418	462	441	454
Black	2,941	235	198	275	255	247	247	270	253	258	255	228	220
Under 1 hour	1,975	172	131	146	174	162	171	172	174	168	162	181	162
White	1,271	111	83	86	113	104	103	102	129	114	101	124	101
Black	637	52	40	54	57	50	62	70	43	48	54	53	54
1-23 hours	4,450	396	353	379	361	412	368	393	392	341	364	347	344
White	2,717	255	230	218	206	252	229	251	225	184	233	210	224
Black	1,625	135	115	152	148	141	129	136	159	144	126	126	114
1 day	773	54	61	67	66	71	68	67	58	71	73	55	62
White	474	35	35	37	52	48	41	38	38	37	43	26	44
Black	277	18	24	27	13	21	22	29	20	32	27	27	17
2 days	558	47	41	41	53	45	49	47	40	49	49	42	55
White	389	33	27	26	36	33	36	34	33	32	28	35	36
Black	154	13	11	15	16	11	11	13	7	17	16	6	18
3 days	342	28	22	28	27	37	28	26	37	28	35	21	25
White	233	20	19	19	17	25	20	16	26	20	19	15	17
Black	102	7	3	9	10	11	8	9	11	8	15	5	6
4 days	228	15	12	20	18	25	23	19	28	16	18	21	13
White	156	11	10	13	12	15	15	12	18	10	14	16	10
Black	65	4	1	7	6	9	8	6	8	6	4	4	2
5 days	181	14	10	21	15	12	11	13	12	14	28	12	19
White	137	11	9	15	13	10	9	8	10	13	17	9	13
Black	38	3	1	6	2	-	2	4	2	1	9	2	6
6 days	165	13	16	14	17	17	14	15	13	10	11	12	13
White	117	10	12	8	14	13	9	12	9	8	7	6	9
Black	43	3	3	5	3	4	5	3	3	2	4	5	3
7-13 days	832	73	62	80	75	67	72	70	75	82	63	62	51
White	543	43	48	53	51	49	45	42	54	53	36	36	33
Black	263	27	13	24	21	16	25	24	20	29	25	23	16
14-20 days	568	43	39	43	46	50	48	49	62	47	42	45	54
White	376	30	26	27	28	37	34	35	38	30	26	35	30
Black	173	10	12	16	16	12	11	12	24	16	14	10	20
21-27 days	398	35	35	30	35	34	29	41	28	34	31	30	36
White	263	24	21	22	23	19	20	29	19	22	17	23	24
Black	123	10	14	7	11	14	8	11	9	9	11	7	12
28-59 days	1,444	160	113	129	106	130	93	120	112	119	117	111	134
White	922	105	78	76	69	79	65	82	76	69	69	61	93
Black	478	54	31	49	32	45	26	34	30	47	47	47	36
2 months	1,205	139	96	117	112	86	96	84	81	81	99	106	108
White	743	92	56	77	65	56	55	45	55	48	61	71	62
Black	417	43	38	35	43	27	36	36	21	29	34	33	42
3 months	860	105	60	78	64	59	56	57	60	68	62	82	109
White	575	73	41	41	36	37	33	43	44	48	43	59	77
Black	254	28	16	32	23	19	21	11	14	19	18	22	31
4 months	625	67	54	74	45	66	42	38	36	41	45	57	60
White	417	50	34	48	27	39	26	29	23	28	38	37	38
Black	189	15	17	25	16	23	14	9	13	13	7	19	18
5 months	453	47	48	36	45	39	42	34	34	26	32	26	44
White	278	24	28	25	23	22	24	19	22	17	24	19	31
Black	157	21	18	9	20	15	17	12	11	8	8	7	11
6 months	356	29	30	32	31	23	29	30	35	22	24	29	42
White	225	18	24	19	17	13	19	23	19	14	16	18	25
Black	121	8	6	12	11	9	10	7	15	7	8	11	17
7 months	296	31	17	37	18	16	23	23	23	22	19	37	30
White	182	22	14	19	13	6	10	11	16	15	11	24	21
Black	105	9	2	17	4	10	13	12	6	6	7	12	7
8 months	234	25	21	23	10	27	21	12	16	18	18	20	23
White	143	15	13	11	3	19	13	7	13	11	12	13	13
Black	81	10	8	10	6	7	7	5	3	6	5	6	8
9 months	231	23	17	29	19	19	18	15	19	15	18	24	15
White	142	13	11	19	10	15	11	10	11	6	11	14	11
Black	77	9	5	8	9	4	6	4	7	6	6	9	4
10 months	163	13	12	12	12	20	12	6	9	15	13	21	18
White	107	11	9	8	3	16	9	4	4	9	12	11	11
Black	50	2	3	4	9	3	3	2	3	4	1	10	6
11 months	158	9	13	13	17	10	10	16	17	10	11	17	15
White	102	7	10	8	10	8	4	12	8	5	8	9	13
Black	50	2	3	5	6	1	6	4	8	4	3	6	2

[1] Totals by age include races other than white and black.

Table 2-14. Infant and Neonatal Deaths, by Month and Race: Each State, 1990

(Page 1 of 6)

[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group]

Area, age, and race[1]	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALABAMA													
Infant	688	69	55	50	56	45	60	68	51	62	48	56	68
White	338	40	25	23	30	26	27	34	26	24	20	31	32
Black	350	29	30	27	26	19	33	34	25	38	28	25	36
Neonatal	462	43	36	28	38	28	44	52	39	45	35	34	40
White	234	24	17	14	21	17	18	24	21	19	14	22	23
Black	228	19	19	14	17	11	26	28	18	26	21	12	17
ALASKA													
Infant	125	11	11	11	5	13	13	9	7	11	10	8	16
White	65	7	4	4	4	8	6	5	2	6	4	5	10
Black	8	2	–	1	–	1	1	1	–	1	1	–	–
Neonatal	61	6	4	3	2	9	4	5	5	6	5	3	9
White	32	3	1	1	2	6	2	2	2	3	1	3	6
Black	4	1	–	1	–	–	–	1	–	–	1	–	–
ARIZONA													
Infant	610	62	50	51	59	49	56	50	49	44	44	39	57
White	477	47	40	41	47	38	45	40	39	34	36	24	46
Black	53	5	7	4	3	5	5	2	4	4	4	3	7
Neonatal	377	32	32	30	40	36	35	33	32	29	26	21	31
White	306	25	25	25	33	30	30	24	26	24	21	16	27
Black	32	2	5	3	3	2	4	2	2	3	3	1	2
ARKANSAS													
Infant	336	38	19	31	23	32	27	26	28	33	29	25	25
White	217	20	11	19	14	22	19	17	22	20	17	16	20
Black	118	18	8	12	9	10	7	9	6	13	12	9	5
Neonatal	195	16	9	19	13	24	23	14	12	17	20	14	14
White	124	8	4	14	6	19	17	10	9	9	11	7	10
Black	70	8	5	5	7	5	5	4	3	8	9	7	4
CALIFORNIA													
Infant	4,844	456	391	430	420	417	367	385	419	355	350	397	457
White	3,712	342	303	325	317	319	279	299	320	274	271	301	362
Black	825	82	64	78	75	77	64	60	66	63	59	70	67
Neonatal	2,966	231	212	269	263	253	258	262	287	242	217	236	236
White	2,310	174	162	213	205	194	195	209	230	195	167	179	187
Black	496	45	43	40	43	49	44	39	40	41	37	38	37
COLORADO													
Infant	472	53	29	47	36	33	32	28	36	48	51	30	49
White	403	45	26	42	29	25	22	24	33	46	43	24	44
Black	56	8	3	2	7	7	8	2	2	1	7	6	3
Neonatal	276	26	15	22	23	21	17	17	28	33	29	17	28
White	230	20	12	18	16	18	11	14	26	32	23	15	25
Black	36	6	3	2	7	2	4	2	2	–	5	2	1
CONNECTICUT													
Infant	398	38	36	35	42	38	36	30	24	33	31	27	28
White	275	24	23	27	25	29	26	22	19	24	19	16	21
Black	112	14	10	6	17	7	10	8	5	8	10	10	7
Neonatal	279	26	24	20	31	33	29	18	18	26	18	17	19
White	196	16	14	18	18	26	20	17	13	17	11	11	15
Black	76	10	8	1	13	6	9	1	5	8	6	5	4
DELAWARE													
Infant	112	9	7	12	3	7	14	14	6	12	11	9	8
White	60	8	2	8	2	4	9	8	2	5	5	1	6
Black	52	1	5	4	1	3	5	6	4	7	6	8	2
Neonatal	77	6	5	5	3	7	11	11	1	9	8	6	5
White	41	6	2	3	2	4	6	7	–	3	3	1	4
Black	36	–	3	2	1	3	5	4	1	6	5	5	1
DISTRICT OF COLUMBIA													
Infant	245	21	20	19	22	14	23	15	15	22	20	23	31
White	21	2	1	–	1	1	4	–	2	2	2	4	2
Black	223	19	19	19	21	13	19	15	13	20	17	19	29
Neonatal	180	12	15	13	17	11	20	11	10	12	16	18	25
White	18	2	1	–	1	1	4	–	1	2	1	3	2
Black	161	10	14	13	16	10	16	11	9	10	14	15	23

Table 2-14. Infant and Neonatal Deaths, by Month and Race: Each State, 1990—Con.
(Page 2 of 6)
[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group]

Area, age, and race[1]	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
FLORIDA													
Infant	1,918	174	135	189	138	165	157	149	138	153	183	164	173
White	1,126	102	79	113	76	93	95	80	79	87	106	107	109
Black	780	72	55	74	60	72	62	68	59	66	76	54	62
Neonatal	1,235	112	77	116	91	118	99	94	93	102	121	109	103
White	745	73	47	68	55	65	64	52	50	58	73	73	67
Black	482	39	30	47	34	53	35	41	43	44	47	34	35
GEORGIA													
Infant	1,392	113	111	120	113	112	114	112	110	115	132	108	132
White	635	52	50	56	58	48	53	40	53	54	62	51	58
Black	743	61	59	64	53	62	60	72	57	59	69	56	71
Neonatal	917	70	55	76	81	78	83	75	88	81	92	66	72
White	419	34	27	35	43	32	38	30	43	36	45	26	30
Black	488	36	27	41	38	44	44	45	45	44	46	39	39
HAWAII													
Infant	138	11	15	15	16	10	10	11	10	10	8	11	11
White	24	2	6	2	1	1	2	1	2	3	2	–	2
Black	11	–	2	1	1	2	1	–	–	1	–	2	1
Neonatal	86	3	10	9	8	7	7	9	4	6	7	8	8
White	18	–	4	2	1	–	2	1	1	3	2	–	2
Black	7	–	1	1	–	2	–	–	–	–	–	2	1
IDAHO													
Infant	143	13	13	9	14	14	9	7	7	14	14	12	17
White	137	11	12	8	14	14	9	7	6	14	14	11	17
Black	1	–	–	1	–	–	–	–	–	–	–	–	–
Neonatal	73	6	4	3	7	10	4	5	4	11	6	7	6
White	69	4	3	3	7	10	4	5	3	11	6	7	6
Black	–	–	–	–	–	–	–	–	–	–	–	–	–
ILLINOIS													
Infant	2,104	190	164	180	167	192	172	185	173	150	174	178	179
White	1,111	114	87	81	76	107	101	103	85	72	89	104	92
Black	971	73	75	98	88	84	68	81	85	75	84	74	86
Neonatal	1,377	127	108	110	106	130	120	125	120	99	117	106	109
White	768	78	63	55	54	75	74	71	62	47	63	66	60
Black	595	47	44	54	50	54	44	54	57	49	54	40	48
INDIANA													
Infant	831	78	79	73	69	61	64	67	67	74	63	63	73
White	663	64	63	56	55	47	50	57	60	54	49	49	59
Black	165	14	16	17	13	14	14	9	7	20	14	14	13
Neonatal	530	47	52	46	44	41	38	41	37	55	41	40	48
White	418	37	43	33	34	31	31	34	33	39	33	31	39
Black	110	10	9	13	9	10	7	7	4	16	8	9	8
IOWA													
Infant	319	33	29	27	31	24	26	23	23	22	30	25	26
White	291	32	27	25	30	22	22	21	21	17	27	23	24
Black	23	1	1	2	1	1	4	2	2	5	2	1	1
Neonatal	185	16	16	19	19	15	18	10	14	12	22	12	12
White	165	15	15	17	19	15	14	8	13	8	19	11	11
Black	19	1	1	2	–	–	4	2	1	4	2	1	1
KANSAS													
Infant	329	32	23	28	29	21	29	24	18	33	35	26	31
White	263	23	17	23	24	18	24	18	15	28	23	21	29
Black	59	8	6	4	5	2	4	6	3	3	11	5	2
Neonatal	200	16	15	14	19	14	24	16	10	25	17	11	19
White	163	12	10	11	15	12	21	13	9	22	12	8	18
Black	32	4	5	2	4	1	2	3	1	1	5	3	1
KENTUCKY													
Infant	461	49	52	47	44	31	29	40	29	27	38	43	32
White	387	43	42	40	34	27	24	37	23	23	35	35	24
Black	73	6	10	6	10	4	5	3	6	4	3	8	8
Neonatal	258	21	28	20	22	19	18	29	18	17	26	24	16
White	210	18	22	15	16	17	13	27	15	14	23	18	12
Black	48	3	6	5	6	2	5	2	3	3	3	6	4

Table 2-14. Infant and Neonatal Deaths, by Month and Race: Each State, 1990—Con.
(Page 3 of 6)
[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group]

Area, age, and race[1]	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LOUISIANA													
Infant	799	76	57	75	77	65	68	54	65	60	69	60	73
White	298	23	25	30	33	20	25	15	30	16	31	22	28
Black	495	53	32	44	44	44	43	39	35	43	38	37	43
Neonatal	484	42	35	52	46	45	46	35	40	36	38	31	38
White	183	12	15	24	24	12	16	12	16	10	19	10	13
Black	297	30	20	28	22	33	30	23	24	25	19	20	23
MAINE													
Infant	108	10	4	7	13	11	13	8	7	7	12	7	9
White	104	9	4	6	13	11	13	8	7	7	11	7	8
Black	1	-	-	-	-	-	-	-	-	-	1	-	-
Neonatal	79	5	2	7	11	9	8	7	6	5	9	4	6
White	78	5	2	6	11	9	8	7	6	5	9	4	6
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND													
Infant	766	75	72	73	59	71	56	65	42	56	59	68	70
White	331	29	28	33	27	32	27	27	22	21	26	29	30
Black	425	44	41	40	31	38	29	36	20	34	33	39	40
Neonatal	502	41	43	52	41	45	31	49	33	35	47	42	43
White	209	16	17	23	20	21	14	18	17	12	18	15	18
Black	290	25	25	29	21	24	17	29	16	23	29	27	25
MASSACHUSETTS													
Infant	650	57	71	59	56	52	53	49	53	54	52	40	54
White	527	45	63	48	42	35	46	43	45	47	40	34	39
Black	107	11	6	10	11	14	7	6	8	6	10	6	12
Neonatal	448	34	45	38	39	37	39	43	34	43	37	28	31
White	358	24	39	30	31	24	32	38	29	37	28	24	22
Black	78	9	4	7	6	11	7	5	5	5	8	4	7
MICHIGAN													
Infant	1,641	149	129	157	146	124	107	124	151	136	139	129	150
White	932	78	77	82	81	71	69	75	84	76	75	74	90
Black	691	70	51	72	65	52	38	48	64	58	60	55	58
Neonatal	1,075	94	79	104	100	79	71	91	108	86	80	82	101
White	589	50	48	51	55	41	42	54	57	48	36	48	59
Black	473	43	30	51	45	37	29	37	49	37	41	34	40
MINNESOTA													
Infant	496	56	41	36	37	45	50	29	45	34	46	39	38
White	407	51	34	31	30	33	41	25	35	26	37	33	31
Black	61	3	6	4	6	7	3	4	8	5	5	4	6
Neonatal	295	29	30	18	21	25	29	22	37	21	22	20	21
White	251	27	24	16	18	21	26	19	29	17	19	18	17
Black	32	1	5	2	2	2	1	3	7	3	1	1	4
MISSISSIPPI													
Infant	529	58	34	33	38	53	42	45	58	51	40	43	34
White	188	23	16	11	13	24	13	13	27	15	9	11	13
Black	336	35	18	22	24	28	29	32	29	36	31	31	21
Neonatal	332	32	21	21	24	27	31	34	37	37	26	28	14
White	110	11	12	8	8	11	9	10	14	9	6	6	6
Black	219	21	9	13	16	16	22	24	21	28	20	21	8
MISSOURI													
Infant	748	75	53	68	50	62	58	60	75	62	69	48	68
White	500	61	32	44	27	40	35	46	46	39	56	34	40
Black	247	14	21	24	23	22	23	14	29	22	13	14	28
Neonatal	451	40	34	35	33	36	34	40	61	36	45	24	33
White	316	34	23	26	20	24	18	30	35	25	41	16	24
Black	134	6	11	9	13	12	16	10	26	10	4	8	9
MONTANA													
Infant	105	9	6	13	5	8	13	6	11	5	11	9	9
White	83	8	4	10	3	8	12	6	7	3	7	7	8
Black	1	-	-	-	-	-	-	-	-	-	1	-	-
Neonatal	53	4	4	6	1	4	8	2	5	2	5	6	6
White	41	3	2	5	1	4	8	2	2	1	2	6	5
Black	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 2-14. Infant and Neonatal Deaths, by Month and Race: Each State, 1990—Con.
(Page 4 of 6)
[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group]

Area, age, and race[1]	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NEBRASKA													
Infant	202	17	12	18	15	16	11	15	14	14	19	25	26
White	160	13	8	15	13	10	9	10	12	11	17	23	19
Black	26	1	2	3	2	3	1	5	1	1	1	2	4
Neonatal	120	7	6	10	12	8	6	12	11	7	12	14	15
White	94	6	5	7	10	4	5	8	9	6	10	12	12
Black	17	–	–	3	2	2	–	4	1	1	1	2	1
NEVADA													
Infant	181	11	15	14	20	21	11	19	16	13	13	9	19
White	147	7	12	12	14	18	8	18	14	12	9	7	16
Black	27	2	2	2	4	3	3	1	2	1	2	2	3
Neonatal	103	7	7	10	9	13	7	13	10	4	6	6	11
White	82	4	7	8	6	11	4	12	8	3	4	5	10
Black	18	2	–	2	2	2	3	1	2	1	1	1	1
NEW HAMPSHIRE													
Infant	125	15	3	9	11	8	11	8	18	10	8	15	9
White	124	15	3	9	11	8	11	8	18	10	8	14	9
Black	1	–	–	–	–	–	–	–	–	–	–	1	–
Neonatal	67	6	2	4	8	4	7	5	13	7	3	6	2
White	67	6	2	4	8	4	7	5	13	7	3	6	2
Black	–	–	–	–	–	–	–	–	–	–	–	–	–
NEW JERSEY													
Infant	1,102	111	91	95	90	83	74	98	85	88	90	113	84
White	627	69	46	55	44	45	40	52	48	51	51	65	61
Black	425	35	40	32	41	32	27	45	35	36	35	46	21
Neonatal	749	71	53	66	60	57	47	74	61	64	67	76	53
White	450	43	31	42	30	33	27	39	35	38	37	52	43
Black	263	22	18	18	27	21	14	34	26	25	26	23	9
NEW MEXICO													
Infant	246	22	18	22	16	23	19	10	31	18	21	24	22
White	205	20	12	20	13	21	14	8	26	15	16	21	19
Black	10	–	1	–	1	2	–	1	1	1	2	–	1
Neonatal	145	12	11	12	10	13	10	4	23	12	15	9	14
White	124	11	9	11	8	12	7	3	21	10	10	9	13
Black	4	–	–	–	1	1	–	–	–	–	2	–	–
NEW YORK													
Infant	2,851	271	212	242	258	233	243	251	229	211	228	232	241
White	1,661	158	120	133	148	145	138	139	145	128	134	136	137
Black	1,149	108	89	108	106	80	104	109	83	80	89	91	102
Neonatal	1,931	175	146	152	174	155	168	183	153	145	160	166	154
White	1,153	98	92	86	100	102	100	106	100	84	94	104	87
Black	750	72	51	65	72	46	67	76	52	60	63	60	66
NORTH CAROLINA													
Infant	1,109	91	95	103	120	87	104	76	74	94	82	91	92
White	578	42	46	55	54	44	48	44	43	55	45	48	54
Black	507	46	47	46	64	38	56	32	30	38	36	40	34
Neonatal	764	60	70	70	87	58	77	59	56	63	53	54	57
White	378	26	33	36	37	27	32	32	33	34	28	25	35
Black	368	31	35	33	49	26	45	27	22	28	24	26	22
NORTH DAKOTA													
Infant	74	11	–	10	9	5	8	6	3	4	9	6	3
White	65	11	–	8	8	4	7	6	3	2	9	5	2
Black	–	–	–	–	–	–	–	–	–	–	–	–	–
Neonatal	51	7	–	8	8	2	7	3	2	3	7	3	1
White	48	7	–	7	8	2	7	3	2	2	7	3	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–
OHIO													
Infant	1,640	160	125	136	141	144	125	152	131	126	138	122	140
White	1,123	109	83	93	89	104	91	106	92	85	89	85	97
Black	507	51	42	38	49	40	33	46	39	41	48	37	43
Neonatal	1,043	105	75	78	87	90	83	110	86	91	92	63	83
White	720	68	50	48	55	68	65	77	60	58	58	51	62
Black	318	37	25	27	31	22	17	33	26	33	34	12	21

Table 2-14. Infant and Neonatal Deaths, by Month and Race: Each State, 1990—Con.
(Page 5 of 6)
[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group]

Area, age, and race[1]	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
OKLAHOMA													
Infant	438	45	34	40	38	37	43	46	31	28	33	27	36
White	334	36	30	33	32	25	28	38	22	24	23	19	24
Black	73	5	2	6	4	6	13	5	6	4	9	4	9
Neonatal	235	26	14	19	20	19	26	30	17	18	19	12	15
White	179	22	14	17	16	12	17	23	13	14	13	7	11
Black	44	2	-	2	3	5	8	5	3	4	6	3	3
OREGON													
Infant	354	39	26	29	24	33	38	32	20	26	31	31	25
White	314	33	21	27	23	27	35	30	15	22	28	30	23
Black	19	3	1	-	1	5	1	-	4	2	-	1	1
Neonatal	180	15	11	14	12	16	22	23	11	14	17	15	10
White	164	14	7	14	11	14	22	22	8	12	16	14	10
Black	9	1	1	-	1	2	-	-	2	1	-	1	-
PENNSYLVANIA													
Infant	1,643	155	133	164	134	139	141	132	145	129	124	129	118
White	1,095	112	96	104	88	94	97	91	94	69	74	95	81
Black	523	42	36	58	46	44	41	39	48	57	46	32	34
Neonatal	1,088	92	91	111	91	95	95	83	102	93	83	78	74
White	721	66	64	70	60	66	65	55	67	46	50	57	55
Black	352	26	27	39	31	29	27	27	34	44	31	20	17
RHODE ISLAND													
Infant	123	14	12	10	8	9	19	13	8	6	10	5	9
White	109	10	11	9	7	8	18	12	6	5	9	5	9
Black	13	3	1	1	1	1	1	1	2	1	1	-	-
Neonatal	89	12	10	7	6	4	15	9	6	3	8	4	5
White	80	8	9	7	6	4	14	8	5	3	7	4	5
Black	8	3	1	-	-	-	1	1	1	-	1	-	-
SOUTH CAROLINA													
Infant	683	67	43	52	56	73	49	47	62	66	65	62	41
White	294	34	21	19	26	39	20	19	25	25	20	25	21
Black	388	33	22	33	30	33	29	28	37	41	45	37	20
Neonatal	465	38	28	31	37	59	29	39	49	45	46	39	25
White	202	19	14	15	19	31	10	16	21	19	12	14	12
Black	262	19	14	16	18	27	19	23	28	26	34	25	13
SOUTH DAKOTA													
Infant	111	8	5	10	10	11	10	11	12	5	9	9	11
White	77	6	2	7	8	7	6	7	9	2	7	9	7
Black	1	-	-	-	-	-	-	-	-	-	-	-	1
Neonatal	59	3	2	6	4	8	4	9	9	1	3	4	6
White	44	3	1	4	3	6	3	6	8	-	2	4	4
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE													
Infant	771	78	56	73	69	57	68	73	66	68	53	58	52
White	450	46	36	39	44	31	33	45	41	39	31	36	29
Black	315	32	20	33	24	26	35	26	25	29	21	22	22
Neonatal	490	43	33	41	47	42	39	50	46	40	35	40	34
White	282	25	20	24	26	24	21	31	29	24	18	25	15
Black	206	18	13	17	20	18	18	19	17	16	16	15	19
TEXAS													
Infant	2,552	238	213	215	196	233	202	191	204	197	220	205	238
White	1,877	178	150	155	140	183	144	142	149	132	161	161	182
Black	636	58	61	57	52	48	52	45	55	61	56	39	52
Neonatal	1,566	133	123	122	118	146	134	128	137	128	134	130	133
White	1,148	97	86	80	85	114	103	94	101	87	93	105	103
Black	392	36	35	40	29	31	26	31	36	39	38	22	29
UTAH													
Infant	271	29	31	22	18	16	17	11	22	24	28	22	31
White	251	27	30	21	14	15	14	11	20	22	26	22	29
Black	5	-	1	-	-	-	-	-	1	-	1	-	2
Neonatal	139	13	19	6	10	9	10	7	11	14	12	11	17
White	129	12	18	6	8	8	7	7	10	13	12	11	17
Black	1	-	1	-	-	-	-	-	-	-	-	-	-

Table 2-14. Infant and Neonatal Deaths, by Month and Race: Each State, 1990—Con.
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[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group]

Area, age, and race[1]	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
VERMONT													
Infant	53	3	4	3	5	2	2	5	8	5	5	6	5
White	53	3	4	3	5	2	2	5	8	5	5	6	5
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
Neonatal	30	-	3	1	4	2	2	3	4	4	2	3	2
White	30	-	3	1	4	2	2	3	4	4	2	3	2
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA													
Infant	1,013	99	93	92	80	80	73	88	78	70	84	88	88
White	534	51	59	45	36	45	40	51	42	30	41	48	46
Black	466	46	33	46	44	35	32	36	35	38	42	39	40
Neonatal	695	61	62	63	51	55	48	64	60	48	61	62	60
White	352	30	37	33	24	27	25	35	29	19	29	34	30
Black	336	29	25	29	27	28	22	28	31	29	32	28	28
WASHINGTON													
Infant	621	74	57	53	44	46	51	39	45	37	62	56	57
White	517	68	47	35	34	38	44	30	38	32	56	51	44
Black	60	2	5	10	4	4	5	6	4	2	5	4	9
Neonatal	332	34	28	29	25	26	27	20	31	24	32	25	31
White	274	30	19	20	21	23	23	15	26	22	28	20	27
Black	34	1	5	5	-	1	3	4	4	1	3	4	3
WEST VIRGINIA													
Infant	223	9	15	19	15	23	17	30	15	20	19	17	24
White	207	9	14	15	14	22	17	29	14	17	17	15	24
Black	16	-	1	4	1	1	-	1	1	3	2	2	-
Neonatal	143	4	9	8	6	13	14	21	12	18	13	9	16
White	131	4	8	6	6	12	14	20	11	15	11	8	16
Black	12	-	1	2	-	1	-	1	1	3	2	1	-
WISCONSIN													
Infant	598	53	45	58	51	48	39	60	46	47	48	52	51
White	449	40	33	47	33	34	26	44	38	35	34	44	41
Black	136	13	11	9	17	13	12	14	8	11	13	6	9
Neonatal	345	31	24	32	34	27	18	40	31	25	25	28	30
White	272	22	19	29	24	19	15	31	25	20	20	22	26
Black	68	9	5	2	10	7	3	8	6	5	5	4	4
WYOMING													
Infant	60	6	8	3	7	4	5	9	6	3	5	2	2
White	57	6	8	2	7	3	5	9	6	3	5	1	2
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
Neonatal	27	1	2	1	4	3	2	6	4	1	2	1	-
White	26	1	2	1	4	3	2	6	4	1	2	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-

[1] Totals for geographic areas include races other than white and black.

Table 2-15. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Month: United States, 1990

(Page 1 of 3)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death and age	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Infant deaths - All causes	38,351	3,641	3,052	3,387	3,203	3,200	3,078	3,105	3,086	2,992	3,172	3,093	3,342
Certain intestinal infections (008-009)	98	8	5	12	12	11	5	9	6	10	7	1	12
Whooping cough (033)	11	2	1	1	1	1	-	2	1	-	1	-	1
Meningococcal infection (036)	50	7	8	4	1	4	2	4	4	2	5	7	2
Septicemia (038)	267	24	19	24	28	14	19	20	23	22	26	19	29
Viral Diseases (045-079)	157	20	12	16	11	10	9	13	15	13	16	8	14
Congenital syphilis (090)	25	1	3	4	2	3	3	1	2	2	-	2	2
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	232	24	18	14	25	19	17	14	20	17	20	20	24
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	90	6	4	7	8	13	10	10	4	7	7	8	6
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	71	9	6	4	4	7	5	6	4	12	3	5	6
Diseases of thymus gland (254)	2	-	-	-	-	-	-	1	-	-	-	-	1
Cystic fibrosis (277.0)	9	-	1	1	-	2	1	2	-	1	-	-	1
Diseases of blood and blood-forming organs (280-289)	83	7	5	5	8	5	7	8	9	6	6	8	9
Meningitis (320-322)	197	22	13	15	22	21	16	16	8	18	14	16	16
Other diseases of nervous system and sense organs (323-389)	462	29	36	50	35	39	33	35	44	28	45	38	50
Acute upper respiratory infections (460-465)	33	8	5	3	5	1	2	1	1	-	2	3	2
Bronchitis and bronchiolitis (466,490-491)	114	31	6	16	6	3	10	3	2	3	4	8	22
Pneumonia and influenza (480-487)	634	95	59	60	51	37	37	41	39	35	43	58	79
Pneumonia (480-486)	627	93	58	60	51	37	36	41	39	34	43	58	77
Influenza (487)	7	2	1	-	-	-	1	-	-	1	-	-	2
Remainder of diseases of respiratory system (470-478,492-519)	390	56	46	27	29	28	30	24	27	24	29	44	26
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	87	7	9	7	6	7	12	12	5	3	8	5	6
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	126	13	11	13	8	6	10	13	14	6	14	7	11
Remainder of diseases of digestive system (520-534,536-543,562-579)	185	23	17	14	17	16	18	10	15	11	14	18	12
Congenital anomalies (740-759)	8,239	713	628	748	706	688	661	717	701	641	695	666	675
Anencephalus and similar anomalies (740)	470	44	36	39	32	37	38	41	52	34	34	46	37
Spina bifida (741)	80	13	3	9	5	8	7	4	5	3	8	7	8
Congenital hydrocephalus (742.3)	189	19	16	13	13	19	17	19	13	14	14	14	18
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	357	34	26	35	37	26	22	30	23	27	37	36	24
Congenital anomalies of heart (745-746)	2,601	236	198	221	207	210	208	226	228	210	244	210	203
Other congenital anomalies of circulatory system (747)	509	40	27	55	41	39	48	39	43	45	42	44	46
Congenital anomalies of respiratory system (748)	1,162	93	75	89	121	105	89	114	97	93	98	92	96
Congenital anomalies of digestive system (749-751)	143	10	17	12	13	11	7	9	14	15	11	10	14
Congenital anomalies of genitourinary system (752-753)	485	28	36	47	37	49	43	38	44	33	56	38	36
Congenital anomalies of musculoskeletal system (754-756)	544	48	51	44	42	46	43	55	51	32	32	50	50
Down's syndrome (758.0)	111	8	7	11	7	12	12	8	6	9	12	9	10
Other chromosomal anomalies (758.1-758.9)	885	77	76	91	87	70	65	82	76	71	61	62	67
All other and unspecified congenital anomalies (744,757,759)	703	63	60	82	64	56	62	52	49	55	46	48	66
Certain conditions originating in the perinatal period (760-779)	17,482	1,524	1,334	1,483	1,470	1,504	1,510	1,507	1,524	1,441	1,445	1,333	1,407
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	227	19	15	21	18	19	17	18	19	16	28	20	17
Newborn affected by maternal complications of pregnancy (761)	1,655	152	134	150	135	151	133	132	148	125	135	128	132
Newborn affected by complications of placenta, cord, and membranes (762)	975	82	83	71	86	85	102	72	102	69	74	68	81
Newborn affected by other complications of labor and delivery (763)	74	9	5	7	10	3	4	6	13	-	6	4	7
Slow fetal growth and fetal malnutrition (764)	30	3	2	5	5	3	1	-	2	4	2	-	3
Disorders relating to short gestation and unspecified low birthweight (765)	4,013	363	315	341	348	354	331	348	342	339	313	296	323
Disorders relating to long gestation and high birthweight (766)	1	-	-	-	-	-	-	-	-	-	-	-	1
Birth trauma (767)	207	13	9	20	13	18	20	17	11	19	17	29	21
Intrauterine hypoxia and birth asphyxia (768)	762	55	57	64	74	63	77	55	64	75	69	57	52
Fetal distress in liveborn infant (768.2-768.4)	222	13	16	19	14	18	25	16	22	25	16	16	22
Birth asphyxia (768.5-768.9)	540	42	41	45	60	45	52	39	42	50	53	41	30
Respiratory distress syndrome (769)	2,850	271	191	263	226	245	267	264	231	225	233	204	230
Other respiratory conditions of newborn (770)	2,957	237	237	242	258	255	240	245	276	260	252	231	224
Infections specific to the perinatal period (771)	875	70	52	66	68	64	72	85	85	81	84	73	75
Neonatal hemorrhage (772)	305	29	22	23	23	21	29	23	30	18	30	28	29
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	44	2	3	3	3	5	7	4	4	2	3	4	4
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	13	3	1	-	1	1	-	1	1	-	2	1	2
Hemorrhagic disease of newborn (776.0)	1	-	-	-	-	-	-	1	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,493	216	208	207	202	217	210	236	196	208	197	190	206
Symptoms, signs, and ill-defined conditions (780-799)	6,409	750	577	618	501	525	425	391	393	443	530	582	674
Sudden infant death syndrome (798.0)	5,417	640	481	526	414	435	346	334	319	373	450	504	595
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	992	110	96	92	87	90	79	57	74	70	80	78	79
Accidents and adverse effects (E800-E949)	930	75	64	75	86	76	81	87	73	73	76	76	88
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	165	18	9	19	14	15	10	16	9	14	9	17	15
Accidental mechanical suffocation (E913)	240	15	16	15	22	17	31	22	23	15	24	17	23
Other accidental causes and adverse effects (E800-E910,E914-E949)	525	42	39	41	50	44	40	49	41	44	43	42	50
Homicide (E960-E969)	332	30	24	23	30	26	22	29	23	42	29	30	24
Child battering and other maltreatment (E967)	153	11	12	15	12	12	15	10	4	17	16	22	7
Other homicide (E960-E966,E968-E969)	179	19	12	8	18	14	7	19	19	25	13	8	17
All other causes (Residual)	1,636	157	141	143	131	134	133	129	129	132	133	131	143

Table 2-15. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Month: United States, 1990—Con.

(Page 2 of 3)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death and age	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Neonatal deaths - All causes	24,309	2,093	1,839	2,056	2,067	2,085	2,046	2,145	2,126	2,000	2,039	1,872	1,941
Certain intestinal infections (008-009)	2	–	–	1	–	–	–	–	1	–	–	–	–
Whooping cough (033)	2	–	–	–	–	1	–	1	–	–	–	–	–
Meningococcal infection (036)	4	–	–	–	–	–	–	1	1	–	1	1	–
Septicemia (038)	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral Diseases (045-079)	55	7	5	3	5	6	2	5	7	6	6	2	1
Congenital syphilis (090)	22	1	3	3	2	2	2	1	2	2	–	2	2
Remainder of infectious and parasitic diseases (001-007, / 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	18	2	2	–	2	2	–	1	2	1	2	3	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	10	–	1	1	1	2	1	–	–	1	1	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	39	7	3	3	3	5	2	2	2	6	1	2	3
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	3	–	1	–	–	–	–	1	–	–	–	–	1
Diseases of blood and blood-forming organs (280-289)	28	3	4	2	3	–	2	3	1	2	3	4	1
Meningitis (320-322)	51	2	2	2	7	2	6	4	4	11	3	3	5
Other diseases of nervous system and sense organs (323-389)	49	1	1	7	3	6	2	8	6	2	8	2	3
Acute upper respiratory infections (460-465)	5	1	–	1	–	–	2	–	–	–	–	–	1
Bronchitis and bronchiolitis (466,490-491)	4	1	–	–	–	1	1	1	–	–	–	–	–
Pneumonia and influenza (480-487)	132	14	10	8	12	9	11	10	12	11	13	11	11
Pneumonia (480-486)	131	14	10	8	12	9	11	10	12	10	13	11	11
Influenza (487)	1	–	–	–	–	–	–	–	–	1	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	71	8	9	3	3	4	11	5	11	1	6	5	5
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	31	5	1	3	1	3	3	5	2	2	3	3	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	31	1	4	3	1	1	3	3	6	2	3	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	41	8	1	4	5	8	3	–	5	1	2	4	–
Congenital anomalies (740-759)	5,980	498	447	538	526	499	468	550	508	470	510	482	484
Anencephalus and similar anomalies (740)	459	43	36	38	31	35	37	41	50	34	33	45	36
Spina bifida (741)	57	10	2	5	5	3	5	4	4	2	5	6	6
Congenital hydrocephalus (742.3)	119	9	9	7	6	11	10	17	7	7	11	12	13
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	231	21	20	23	23	17	15	19	12	19	26	22	14
Congenital anomalies of heart (745-746)	1,484	124	101	134	122	115	119	141	133	123	142	112	118
Other congenital anomalies of circulatory system (747)	351	25	18	34	29	28	32	30	29	34	28	31	33
Congenital anomalies of respiratory system (748)	1,069	84	70	85	112	97	79	106	86	87	88	85	90
Congenital anomalies of digestive system (749-751)	79	5	10	6	8	5	3	5	9	8	6	5	9
Congenital anomalies of genitourinary system (752-753)	457	28	35	43	36	44	39	38	42	28	54	36	34
Congenital anomalies of musculoskeletal system (754-756)	457	41	45	35	37	38	34	47	46	28	29	39	38
Down's syndrome (758.0)	51	3	5	2	4	7	3	2	2	4	8	6	5
Other chromosomal anomalies (758.1-758.9)	626	55	50	62	63	48	46	64	53	52	47	45	41
All other and unspecified congenital anomalies (744,757,759)	540	50	46	64	50	51	46	36	35	44	33	38	47
Certain conditions originating in the perinatal period (760-779)	16,382	1,425	1,235	1,377	1,376	1,410	1,427	1,424	1,428	1,356	1,359	1,248	1,317
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	207	16	13	18	16	17	15	17	18	16	26	20	15
Newborn affected by maternal complications of pregnancy (761)	1,650	152	134	150	134	149	133	132	147	124	135	128	132
Newborn affected by complications of placenta, cord, and membranes (762)	962	82	82	71	83	84	101	71	98	69	73	67	81
Newborn affected by other complications of labor and delivery (763)	72	9	4	7	9	3	4	6	13	–	6	4	7
Slow fetal growth and fetal malnutrition (764)	26	2	1	4	5	3	1	–	1	4	2	–	3
Disorders relating to short gestation and unspecified low birthweight (765)	3,955	359	313	330	343	349	328	340	338	337	306	294	318
Disorders relating to long gestation and high birthweight (766)	1	–	–	–	–	–	–	–	–	–	–	–	1
Birth trauma (767)	201	13	9	18	13	18	20	16	11	18	17	28	20
Intrauterine hypoxia and birth asphyxia (768)	693	46	42	61	71	59	74	51	58	67	66	52	46
Fetal distress in liveborn infant (768.2-768.4)	200	13	11	19	13	18	24	15	19	20	15	15	18
Birth asphyxia (768.5-768.9)	493	33	31	42	58	41	50	36	39	47	51	37	28
Respiratory distress syndrome (769)	2,651	253	177	242	213	231	247	251	217	206	216	185	213
Other respiratory conditions of newborn (770)	2,384	184	188	189	202	200	202	200	226	217	211	183	182
Infections specific to the perinatal period (771)	829	67	47	61	64	61	69	83	78	77	78	72	72
Neonatal hemorrhage (772)	301	29	22	23	23	20	29	23	30	17	29	28	28
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	38	2	2	3	3	4	5	3	4	2	2	4	4
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	12	3	1	–	1	1	–	1	1	–	1	1	2
Hemorrhagic disease of newborn (776.0)	1	–	–	–	–	–	–	1	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,399	208	200	200	196	211	199	229	188	202	191	182	193
Symptoms, signs, and ill-defined conditions (780-799)	596	54	53	41	44	50	41	52	57	59	49	54	42
Sudden infant death syndrome (798.0)	367	37	31	29	27	26	23	30	29	39	25	38	33
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	229	17	22	12	17	24	18	22	28	20	24	16	9
Accidents and adverse effects (E800-E949)	73	4	4	5	9	10	3	12	5	7	7	4	3
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	11	3	–	–	–	1	–	2	–	1	1	2	1
Accidental mechanical suffocation (E913)	16	–	–	–	2	4	2	2	2	1	2	–	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	46	1	4	5	7	5	1	8	3	5	4	2	1
Homicide (E960-E969)	52	4	2	3	7	5	1	7	7	6	1	3	6
Child battering and other maltreatment (E967)	9	–	–	1	3	–	1	1	–	1	–	1	1
Other homicide (E960-E966,E968-E969)	43	4	2	2	4	5	–	6	7	5	1	2	5
All other causes (Residual)	628	47	51	48	57	59	55	49	59	54	61	36	52

Table 2-15. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Month: United States, 1990—Con.

(Page 3 of 3)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death and age	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Postneonatal deaths - All causes	14,042	1,548	1,213	1,331	1,136	1,115	1,032	960	960	992	1,133	1,221	1,401
Certain intestinal infections (008-009)	96	8	5	11	12	11	5	9	5	10	7	1	12
Whooping cough (033)	9	2	1	1	1	–	–	1	1	–	1	–	1
Meningococcal infection (036)	46	7	8	4	1	4	2	3	3	2	4	6	2
Septicemia (038)	267	24	19	24	28	14	19	20	23	22	26	19	29
Viral Diseases (045-079)	102	13	7	13	6	4	7	8	8	7	10	6	13
Congenital syphilis (090)	3	–	–	1	–	1	1	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	214	22	16	14	23	17	17	13	18	16	18	17	23
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	80	6	3	6	7	11	9	10	4	6	6	7	5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	32	2	3	1	1	2	3	4	2	6	2	3	3
Diseases of thymus gland (254)	2	–	–	–	–	–	–	1	–	–	–	–	1
Cystic fibrosis (277.0)	6	–	–	1	–	2	1	1	–	1	–	–	–
Diseases of blood and blood-forming organs (280-289)	55	4	1	3	5	5	5	5	8	4	3	4	8
Meningitis (320-322)	146	20	11	13	15	19	10	12	4	7	11	13	11
Other diseases of nervous system and sense organs (323-389)	413	28	35	43	32	33	31	27	38	26	37	36	47
Acute upper respiratory infections (460-465)	28	7	5	2	5	1	–	1	1	–	2	3	1
Bronchitis and bronchiolitis (466,490-491)	110	30	6	16	6	2	9	2	2	3	4	8	22
Pneumonia and influenza (480-487)	502	81	49	52	39	28	26	31	27	24	30	47	68
Pneumonia (480-486)	496	79	48	52	39	28	25	31	27	24	30	47	66
Influenza (487)	6	2	1	–	–	–	1	–	–	–	–	–	2
Remainder of diseases of respiratory system (470-478,492-519)	319	48	37	24	26	24	19	19	16	23	23	39	21
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	56	2	8	4	5	4	9	7	3	1	5	2	6
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	95	12	7	10	7	5	7	10	8	4	11	5	9
Remainder of diseases of digestive system (520-534,536-543,562-579)	144	15	16	10	12	8	15	10	10	10	12	14	12
Congenital anomalies (740-759)	2,259	215	181	210	180	189	193	167	193	171	185	184	191
Anencephalus and similar anomalies (740)	11	1	–	1	1	2	1	–	2	–	1	1	1
Spina bifida (741)	23	3	1	4	–	5	2	–	1	1	3	1	2
Congenital hydrocephalus (742.3)	70	10	7	6	7	8	7	2	6	7	3	2	5
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	126	13	6	12	14	9	7	11	11	8	11	14	10
Congenital anomalies of heart (745-746)	1,117	112	97	87	85	95	89	85	95	87	102	98	85
Other congenital anomalies of circulatory system (747)	158	15	9	21	12	11	16	9	14	11	14	13	13
Congenital anomalies of respiratory system (748)	93	9	5	4	9	8	10	8	11	6	10	7	6
Congenital anomalies of digestive system (749-751)	64	5	7	6	5	6	4	4	5	7	5	5	5
Congenital anomalies of genitourinary system (752-753)	28	–	1	4	1	5	4	–	2	5	2	2	2
Congenital anomalies of musculoskeletal system (754-756)	87	7	6	9	5	8	9	8	5	4	3	11	12
Down's syndrome (758.0)	60	5	2	9	3	5	9	6	4	5	4	3	5
Other chromosomal anomalies (758.1-758.9)	259	22	26	29	24	22	19	18	23	19	14	17	26
All other and unspecified congenital anomalies (744,757,759)	163	13	14	18	14	5	16	16	14	11	13	10	19
Certain conditions originating in the perinatal period (760-779)	1,100	99	99	106	94	94	83	83	96	85	86	85	90
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	20	3	2	3	2	2	2	1	1	–	2	–	2
Newborn affected by maternal complications of pregnancy (761)	5	–	–	–	1	2	–	–	1	1	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	13	–	1	–	3	1	1	1	4	–	1	1	–
Newborn affected by other complications of labor and delivery (763)	2	–	1	–	1	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	4	1	1	1	–	–	–	–	1	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	58	4	2	11	5	5	3	8	4	2	7	2	5
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	6	–	–	2	–	–	–	1	–	1	–	1	1
Intrauterine hypoxia and birth asphyxia (768)	69	9	15	3	3	4	3	4	6	8	3	5	6
Fetal distress in liveborn infant (768.2-768.4)	22	–	5	–	1	–	1	1	3	5	1	1	4
Birth asphyxia (768.5-768.9)	47	9	10	3	2	4	2	3	3	3	2	4	2
Respiratory distress syndrome (769)	199	18	14	21	13	14	20	13	14	19	17	19	17
Other respiratory conditions of newborn (770)	573	53	49	53	56	55	38	45	50	43	41	48	42
Infections specific to the perinatal period (771)	46	3	5	5	4	3	3	2	7	4	6	1	3
Neonatal hemorrhage (772)	4	–	–	–	–	1	–	–	–	1	1	–	1
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	6	–	1	–	–	1	2	1	–	–	1	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	–	–	–	–	–	–	–	–	–	1	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	94	8	8	7	6	6	11	7	8	6	6	8	13
Symptoms, signs, and ill-defined conditions (780-799)	5,813	696	524	577	457	475	384	339	336	384	481	528	632
Sudden infant death syndrome (798.0)	5,050	603	450	497	387	409	323	304	290	334	425	466	562
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	763	93	74	80	70	66	61	35	46	50	56	62	70
Accidents and adverse effects (E800-E949)	857	71	60	70	77	66	78	75	68	66	69	72	85
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	154	15	9	19	14	14	10	14	9	13	8	15	14
Accidental mechanical suffocation (E913)	224	15	16	15	20	13	29	20	21	14	22	17	22
Other accidental causes and adverse effects (E800-E910,E914-E949)	479	41	35	36	43	39	39	41	38	39	39	40	49
Homicide (E960-E969)	280	26	22	20	23	21	21	22	16	36	28	27	18
Child battering and other maltreatment (E967)	144	11	12	14	9	12	14	9	4	16	16	21	6
Other homicide (E960-E966,E968-E969)	136	15	10	6	14	9	7	13	12	20	12	6	12
All other causes (Residual)	1,008	110	90	95	74	75	78	80	70	78	72	95	91

Table 2-16. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1990

(Page 1 of 6)

[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. Urban places in metropolitan counties are those with populations of 10,000 or more; urban places in nonmetropolitan counties are those with populations of 10,000 or more but less than 50,000 as enumerated in 1980. For definition of areas see Technical Appendix]

Cause of death, age, and race	All counties			Metropolitan counties			Nonmetropolitan counties		
	Total	Urban places	Balance of area	Total	Urban places	Balance of area	Total	Urban places	Balance of area
All races[1], infant deaths									
All causes	38,351	24,589	13,762	30,796	22,856	7,940	7,555	1,733	5,822
Certain intestinal infections (008-009)	98	62	36	74	58	16	24	4	20
Whooping cough (033)	11	9	2	8	7	1	3	2	1
Meningococcal infection (036)	50	37	13	42	35	7	8	2	6
Septicemia (038)	267	165	102	211	152	59	56	13	43
Viral diseases (045-079)	157	99	58	119	88	31	38	11	27
Congenital syphilis (090)	25	22	3	25	22	3	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	232	174	58	204	169	35	28	5	23
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	90	51	39	65	45	20	25	6	19
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	71	39	32	57	35	22	14	4	10
Diseases of thymus gland (254)	2	1	1	1	1	-	1	-	1
Cystic fibrosis (277.0)	9	4	5	6	4	2	3	-	3
Diseases of blood and blood-forming organs (280-289)	83	51	32	63	46	17	20	5	15
Meningitis (320-322)	197	123	74	153	108	45	44	15	29
Other diseases of nervous system and sense organs (323-389)	462	277	185	358	253	105	104	24	80
Acute upper respiratory infections (460-465)	33	14	19	22	10	12	11	4	7
Bronchitis and bronchiolitis (466,490-491)	114	74	40	94	71	23	20	3	17
Pneumonia and influenza (480-487)	634	416	218	503	378	125	131	38	93
Pneumonia (480-486)	627	413	214	501	376	125	126	37	89
Influenza (487)	7	3	4	2	2	-	5	1	4
Remainder of diseases of respiratory system (470-478,492-519)	390	246	144	307	228	79	83	18	65
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	87	45	42	66	43	23	21	2	19
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	126	90	36	95	81	14	31	9	22
Remainder of diseases of digestive system (520-534,536-543,562-579)	185	119	66	147	111	36	38	8	30
Congenital anomalies (740-759)	8,239	4,977	3,262	6,485	4,574	1,911	1,754	403	1,351
Anencephalus and similar anomalies (740)	470	291	179	353	263	90	117	28	89
Spina bifida (741)	80	44	36	59	38	21	21	6	15
Congenital hydrocephalus (742.3)	189	122	67	151	114	37	38	8	30
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	357	227	130	288	207	81	69	20	49
Congenital anomalies of heart (745-746)	2,601	1,556	1,045	2,071	1,433	638	530	123	407
Other congenital anomalies of circulatory system (747)	509	316	193	407	297	110	102	19	83
Congenital anomalies of respiratory system (748)	1,162	709	453	897	640	257	265	69	196
Congenital anomalies of digestive system (749-751)	143	94	49	120	89	31	23	5	18
Congenital anomalies of genitourinary system (752-753)	485	295	190	376	270	106	109	25	84
Congenital anomalies of musculoskeletal system (754-756)	544	317	227	428	299	129	116	18	98
Down's syndrome (758.0)	111	64	47	83	58	25	28	6	22
Other chromosomal anomalies (758.1-758.9)	885	530	355	706	483	223	179	47	132
All other and unspecified congenital anomalies (744,757,759)	703	412	291	546	383	163	157	29	128
Certain conditions originating in the perinatal period (760-779)	17,482	11,630	5,852	14,469	10,928	3,541	3,013	702	2,311
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	227	151	76	186	146	40	41	5	36
Newborn affected by maternal complications of pregnancy (761)	1,655	1,079	576	1,361	1,009	352	294	70	224
Newborn affected by complications of placenta, cord, and membranes (762)	975	621	354	778	571	207	197	50	147
Newborn affected by other complications of labor and delivery (763)	74	31	43	52	31	21	22	-	22
Slow fetal growth and fetal malnutrition (764)	30	20	10	24	17	7	6	3	3
Disorders relating to short gestation and unspecified low birthweight (765)	4,013	2,826	1,187	3,417	2,684	733	596	142	454
Disorders relating to long gestation and high birthweight (766)	1	1	-	1	1	-	-	-	-
Birth trauma (767)	207	128	79	162	118	44	45	10	35
Intrauterine hypoxia and birth asphyxia (768)	762	491	271	612	457	155	150	34	116
Fetal distress in liveborn infant (768.2-768.4)	222	143	79	174	130	44	48	13	35
Birth asphyxia (768.5-768.9)	540	348	192	438	327	111	102	21	81
Respiratory distress syndrome (769)	2,850	1,875	975	2,322	1,746	576	528	129	399
Other respiratory conditions of newborn (770)	2,957	1,910	1,047	2,402	1,790	612	555	120	435
Infections specific to the perinatal period (771)	875	549	326	708	511	197	167	38	129
Neonatal hemorrhage (772)	305	203	102	258	190	68	47	13	34
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	44	21	23	32	19	13	12	2	10
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	13	10	3	11	10	1	2	-	2
Hemorrhagic disease of newborn (776.0)	1	-	1	1	-	1	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,493	1,714	779	2,142	1,628	514	351	86	265
Symptoms, signs, and ill-defined conditions (780-799)	6,409	4,068	2,341	5,024	3,766	1,258	1,385	302	1,083
Sudden infant death syndrome (798.0)	5,417	3,372	2,045	4,170	3,097	1,073	1,247	275	972
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	992	696	296	854	669	185	138	27	111
Accidents and adverse effects (E800-E949)	930	538	392	672	487	185	258	51	207
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	165	94	71	106	79	27	59	15	44
Accidental mechanical suffocation (E913)	240	146	94	176	133	43	64	13	51
Other accidental causes and adverse effects (E800-E910,E914-E949)	525	298	227	390	275	115	135	23	112
Homicide (E960-E969)	332	223	109	262	203	59	70	20	50
Child battering and other maltreatment (E967)	153	96	57	120	87	33	33	9	24
Other homicide (E960-E966,E968-E969)	179	127	52	142	116	26	37	11	26
All other causes (Residual)	1,636	1,035	601	1,264	953	311	372	82	290

Table 2-16. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1990—Con.

(Page 2 of 6)

[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. Urban places in metropolitan counties are those with populations of 10,000 or more; urban places in nonmetropolitan counties are those with populations of 10,000 or more but less than 50,000 as enumerated in 1980. For definition of areas see Technical Appendix]

Cause of death, age, and race	All counties			Metropolitan counties			Nonmetropolitan counties		
	Total	Urban places	Balance of area	Total	Urban places	Balance of area	Total	Urban places	Balance of area
White infant deaths									
All causes	24,883	14,148	10,735	19,289	12,926	6,363	5,594	1,222	4,372
Certain intestinal infections (008-009)	54	31	23	37	29	8	17	2	15
Whooping cough (033)	8	6	2	6	5	1	2	1	1
Meningococcal infection (036)	37	26	11	30	24	6	7	2	5
Septicemia (038)	156	83	73	118	72	46	38	11	27
Viral diseases (045-079)	105	60	45	81	55	26	24	5	19
Congenital syphilis (090)	3	3	-	3	3	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	104	71	33	88	68	20	16	3	13
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	69	34	35	47	28	19	22	6	16
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	57	27	30	48	26	22	9	1	8
Diseases of thymus gland (254)	1	1	-	1	1	-	-	-	-
Cystic fibrosis (277.0)	6	1	5	3	1	2	3	-	3
Diseases of blood and blood-forming organs (280-289)	50	24	26	34	21	13	16	3	13
Meningitis (320-322)	111	62	49	84	52	32	27	10	17
Other diseases of nervous system and sense organs (323-389)	357	196	161	268	174	94	89	22	67
Acute upper respiratory infections (460-465)	28	13	15	20	10	10	8	3	5
Bronchitis and bronchiolitis (466,490-491)	66	38	28	54	37	17	12	1	11
Pneumonia and influenza (480-487)	375	219	156	289	195	94	86	24	62
Pneumonia (480-486)	368	216	152	287	193	94	81	23	58
Influenza (487)	7	3	4	2	2	-	5	1	4
Remainder of diseases of respiratory system (470-478,492-519)	251	142	109	192	133	59	59	9	50
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	59	25	34	44	23	21	15	2	13
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	69	42	27	48	35	13	21	7	14
Remainder of diseases of digestive system (520-534,536-543,562-579)	130	76	54	100	68	32	30	8	22
Congenital anomalies (740-759)	6,418	3,613	2,805	4,970	3,297	1,673	1,448	316	1,132
Anencephalus and similar anomalies (740)	366	219	147	271	195	76	95	24	71
Spina bifida (741)	65	33	32	46	28	18	19	5	14
Congenital hydrocephalus (742.3)	143	82	61	113	78	35	30	4	26
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	279	167	112	222	151	71	57	16	41
Congenital anomalies of heart (745-746)	2,018	1,125	893	1,591	1,030	561	427	95	332
Other congenital anomalies of circulatory system (747)	376	205	171	296	193	103	80	12	68
Congenital anomalies of respiratory system (748)	913	523	390	690	465	225	223	58	165
Congenital anomalies of digestive system (749-751)	102	64	38	88	59	29	14	5	9
Congenital anomalies of genitourinary system (752-753)	390	219	171	291	197	94	99	22	77
Congenital anomalies of musculoskeletal system (754-756)	420	225	195	322	210	112	98	15	83
Down's syndrome (758.0)	84	46	38	61	41	20	23	5	18
Other chromosomal anomalies (758.1-758.9)	725	414	311	573	379	194	152	35	117
All other and unspecified congenital anomalies (744,757,759)	537	291	246	406	271	135	131	20	111
Certain conditions originating in the perinatal period (760-779)	10,378	6,030	4,348	8,286	5,569	2,717	2,092	461	1,631
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	127	75	52	95	72	23	32	3	29
Newborn affected by maternal complications of pregnancy (761)	1,044	595	449	826	549	277	218	46	172
Newborn affected by complications of placenta, cord, and membranes (762)	657	373	284	502	335	167	155	38	117
Newborn affected by other complications of labor and delivery (763)	53	20	33	35	20	15	18	-	18
Slow fetal growth and fetal malnutrition (764)	19	12	7	17	11	6	2	1	1
Disorders relating to short gestation and unspecified low birthweight (765)	2,004	1,195	809	1,619	1,116	503	385	79	306
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-
Birth trauma (767)	152	81	71	119	77	42	33	4	29
Intrauterine hypoxia and birth asphyxia (768)	505	294	211	395	273	122	110	21	89
Fetal distress in liveborn infant (768.2-768.4)	158	92	66	121	84	37	37	8	29
Birth asphyxia (768.5-768.9)	347	202	145	274	189	85	73	13	60
Respiratory distress syndrome (769)	1,798	1,037	761	1,429	948	481	369	89	280
Other respiratory conditions of newborn (770)	1,768	992	776	1,383	906	477	385	86	299
Infections specific to the perinatal period (771)	569	321	248	441	289	152	128	32	96
Neonatal hemorrhage (772)	186	117	69	155	110	45	31	7	24
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	28	11	17	20	10	10	8	1	7
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	12	9	3	10	9	1	2	-	2
Hemorrhagic disease of newborn (776.0)	1	-	1	1	-	1	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,455	898	557	1,239	844	395	216	54	162
Symptoms, signs, and ill-defined conditions (780-799)	4,161	2,325	1,836	3,115	2,110	1,005	1,046	215	831
Sudden infant death syndrome (798.0)	3,643	2,009	1,634	2,682	1,811	871	961	198	763
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	518	316	202	433	299	134	85	17	68
Accidents and adverse effects (E800-E949)	609	305	304	412	265	147	197	40	157
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	107	57	50	68	45	23	39	12	27
Accidental mechanical suffocation (E913)	143	70	73	94	59	35	49	11	38
Other accidental causes and adverse effects (E800-E910,E914-E949)	359	178	181	250	161	89	109	17	92
Homicide (E960-E969)	181	105	76	131	91	40	50	14	36
Child battering and other maltreatment (E967)	85	45	40	61	39	22	24	6	18
Other homicide (E960-E966,E968-E969)	96	60	36	70	52	18	26	8	18
All other causes (Residual)	1,040	590	450	780	534	246	260	56	204

Table 2-16. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1990—Con.

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[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. Urban places in metropolitan counties are those with populations of 10,000 or more; urban places in nonmetropolitan counties are those with populations of 10,000 or more but less than 50,000 as enumerated in 1980. For definition of areas see Technical Appendix]

Cause of death, age, and race	All counties			Metropolitan counties			Nonmetropolitan counties		
	Total	Urban places	Balance of area	Total	Urban places	Balance of area	Total	Urban places	Balance of area
Black infant deaths									
All causes	12,290	9,700	2,590	10,658	9,239	1,419	1,632	461	1,171
Certain intestinal infections (008-009)	41	28	13	34	26	8	7	2	5
Whooping cough (033)	3	3	-	2	2	-	1	1	-
Meningococcal infection (036)	11	9	2	10	9	1	1	-	1
Septicemia (038)	100	77	23	87	76	11	13	1	12
Viral diseases (045-079)	41	32	9	30	26	4	11	6	5
Congenital syphilis (090)	22	19	3	22	19	3	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	125	101	24	114	99	15	11	2	9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	17	14	3	15	14	1	2	-	2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	14	12	2	9	9	-	5	3	2
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	3	3	-	3	3	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	24	21	3	22	20	2	2	1	1
Meningitis (320-322)	74	55	19	62	51	11	12	4	8
Other diseases of nervous system and sense organs (323-389)	91	70	21	78	68	10	13	2	11
Acute upper respiratory infections (460-465)	3	-	3	2	-	2	1	-	1
Bronchitis and bronchiolitis (466,490-491)	42	33	9	37	31	6	5	2	3
Pneumonia and influenza (480-487)	235	183	52	198	171	27	37	12	25
Pneumonia (480-486)	235	183	52	198	171	27	37	12	25
Influenza (487)	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	128	94	34	105	85	20	23	9	14
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	26	18	8	20	18	2	6	-	6
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	49	43	6	42	41	1	7	2	5
Remainder of diseases of digestive system (520-534,536-543,562-579)	53	41	12	45	41	4	8	-	8
Congenital anomalies (740-759)	1,530	1,163	367	1,299	1,092	207	231	71	160
Anencephalus and similar anomalies (740)	79	54	25	60	50	10	19	4	15
Spina bifida (741)	13	9	4	12	9	3	1	-	1
Congenital hydrocephalus (742.3)	39	33	6	32	30	2	7	3	4
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	65	54	11	59	50	9	6	4	2
Congenital anomalies of heart (745-746)	494	369	125	414	346	68	80	23	57
Other congenital anomalies of circulatory system (747)	114	95	19	94	89	5	20	6	14
Congenital anomalies of respiratory system (748)	215	164	51	181	153	28	34	11	23
Congenital anomalies of digestive system (749-751)	31	24	7	26	24	2	5	-	5
Congenital anomalies of genitourinary system (752-753)	85	72	13	81	70	11	4	2	2
Congenital anomalies of musculoskeletal system (754-756)	108	86	22	97	84	13	11	2	9
Down's syndrome (758.0)	23	16	7	20	15	5	3	1	2
Other chromosomal anomalies (758.1-758.9)	126	88	38	104	79	25	22	9	13
All other and unspecified congenital anomalies (744,757,759)	138	99	39	119	93	26	19	6	13
Certain conditions originating in the perinatal period (760-779)	6,688	5,330	1,358	5,863	5,104	759	825	226	599
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	98	75	23	89	73	16	9	2	7
Newborn affected by maternal complications of pregnancy (761)	571	456	115	504	435	69	67	21	46
Newborn affected by complications of placenta, cord, and membranes (762)	291	235	56	259	224	35	32	11	21
Newborn affected by other complications of labor and delivery (763)	19	10	9	15	10	5	4	-	4
Slow fetal growth and fetal malnutrition (764)	11	8	3	7	6	1	4	2	2
Disorders relating to short gestation and unspecified low birthweight (765)	1,912	1,558	354	1,717	1,499	218	195	59	136
Disorders relating to long gestation and high birthweight (766)	1	1	-	1	1	-	-	-	-
Birth trauma (767)	52	45	7	41	39	2	11	6	5
Intrauterine hypoxia and birth asphyxia (768)	231	185	46	200	172	28	31	13	18
Fetal distress in liveborn infant (768.2-768.4)	55	48	7	48	43	5	7	5	2
Birth asphyxia (768.5-768.9)	176	137	39	152	129	23	24	8	16
Respiratory distress syndrome (769)	984	795	189	840	757	83	144	38	106
Other respiratory conditions of newborn (770)	1,115	872	243	965	840	125	150	32	118
Infections specific to the perinatal period (771)	291	221	70	259	215	44	32	6	26
Neonatal hemorrhage (772)	111	83	28	97	77	20	14	6	8
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	15	9	6	11	8	3	4	1	3
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	1	-	1	1	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	985	776	209	857	747	110	128	29	99
Symptoms, signs, and ill-defined conditions (780-799)	2,014	1,610	404	1,752	1,533	219	262	77	185
Sudden infant death syndrome (798.0)	1,578	1,251	327	1,358	1,184	174	220	67	153
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	436	359	77	394	349	45	42	10	32
Accidents and adverse effects (E800-E949)	289	217	72	242	206	36	47	11	36
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	50	36	14	37	33	4	13	3	10
Accidental mechanical suffocation (E913)	90	71	19	77	69	8	13	2	11
Other accidental causes and adverse effects (E800-E910,E914-E949)	149	110	39	128	104	24	21	6	15
Homicide (E960-E969)	141	113	28	125	107	18	16	6	10
Child battering and other maltreatment (E967)	64	50	14	57	47	10	7	3	4
Other homicide (E960-E966,E968-E969)	77	63	14	68	60	8	9	3	6
All other causes (Residual)	526	411	115	440	388	52	86	23	63

Table 2-16. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1990—Con.

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[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. Urban places in metropolitan counties are those with populations of 10,000 or more; urban places in nonmetropolitan counties are those with populations of 10,000 or more but less than 50,000 as enumerated in 1980. For definition of areas see Technical Appendix]

Cause of death, age, and race	All counties			Metropolitan counties			Nonmetropolitan counties		
	Total	Urban places	Balance of area	Total	Urban places	Balance of area	Total	Urban places	Balance of area
All races[1], neonatal deaths									
All causes	24,309	15,670	8,639	19,784	14,628	5,156	4,525	1,042	3,483
Certain intestinal infections (008-009)	2	–	2	–	–	–	2	–	2
Whooping cough (033)	2	2	–	1	1	–	1	1	–
Meningococcal infection (036)	4	3	1	3	3	–	1	–	1
Septicemia[2] (038)	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	55	32	23	44	31	13	11	1	10
Congenital syphilis (090)	22	19	3	22	19	3	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	18	12	6	12	9	3	6	3	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	10	6	4	9	6	3	1	–	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	39	21	18	29	18	11	10	3	7
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	3	3	–	3	3	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	28	17	11	24	17	7	4	–	4
Meningitis (320-322)	51	32	19	38	26	12	13	6	7
Other diseases of nervous system and sense organs (323-389)	49	31	18	37	28	9	12	3	9
Acute upper respiratory infections (460-465)	5	1	4	2	–	2	3	1	2
Bronchitis and bronchiolitis (466,490-491)	4	2	2	2	2	–	2	–	2
Pneumonia and influenza (480-487)	132	84	48	107	79	28	25	5	20
Pneumonia (480-486)	131	83	48	107	79	28	24	4	20
Influenza (487)	1	1	–	–	–	–	1	1	–
Remainder of diseases of respiratory system (470-478,492-519)	71	42	29	54	38	16	17	4	13
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	31	17	14	25	17	8	6	–	6
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	31	21	10	22	18	4	9	3	6
Remainder of diseases of digestive system (520-534,536-543,562-579)	41	28	13	35	27	8	6	1	5
Congenital anomalies (740-759)	5,980	3,576	2,404	4,683	3,274	1,409	1,297	302	995
Anencephalus and similar anomalies (740)	459	285	174	345	258	87	114	27	87
Spina bifida (741)	57	35	22	47	31	16	10	4	6
Congenital hydrocephalus (742.3)	119	72	47	94	68	26	25	4	21
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	231	147	84	188	135	53	43	12	31
Congenital anomalies of heart (745-746)	1,484	868	616	1,161	785	376	323	83	240
Other congenital anomalies of circulatory system (747)	351	220	131	277	206	71	74	14	60
Congenital anomalies of respiratory system (748)	1,069	644	425	822	583	239	247	61	186
Congenital anomalies of digestive system (749-751)	79	52	27	68	49	19	11	3	8
Congenital anomalies of genitourinary system (752-753)	457	277	180	354	252	102	103	25	78
Congenital anomalies of musculoskeletal system (754-756)	457	267	190	361	252	109	96	15	81
Down's syndrome (758.0)	51	30	21	42	28	14	9	2	7
Other chromosomal anomalies (758.1-758.9)	626	363	263	497	331	166	129	32	97
All other and unspecified congenital anomalies (744,757,759)	540	316	224	427	296	131	113	20	93
Certain conditions originating in the perinatal period (760-779)	16,382	10,891	5,491	13,568	10,230	3,338	2,814	661	2,153
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	207	132	75	167	127	40	40	5	35
Newborn affected by maternal complications of pregnancy (761)	1,650	1,075	575	1,356	1,005	351	294	70	224
Newborn affected by complications of placenta, cord, and membranes (762)	962	613	349	767	563	204	195	50	145
Newborn affected by other complications of labor and delivery (763)	72	29	43	50	29	21	22	–	22
Slow fetal growth and fetal malnutrition (764)	26	19	7	21	16	5	5	3	2
Disorders relating to short gestation and unspecified low birthweight (765)	3,955	2,788	1,167	3,373	2,648	725	582	140	442
Disorders relating to long gestation and high birthweight (766)	1	1	–	1	1	–	–	–	–
Birth trauma (767)	201	125	76	157	115	42	44	10	34
Intrauterine hypoxia and birth asphyxia (768)	693	444	249	551	413	138	142	31	111
Fetal distress in liveborn infant (768.2-768.4)	200	127	73	156	115	41	44	12	32
Birth asphyxia (768.5-768.9)	493	317	176	395	298	97	98	19	79
Respiratory distress syndrome (769)	2,651	1,757	894	2,164	1,637	527	487	120	367
Other respiratory conditions of newborn (770)	2,384	1,518	866	1,935	1,418	517	449	100	349
Infections specific to the perinatal period (771)	829	516	313	666	479	187	163	37	126
Neonatal hemorrhage (772)	301	201	100	254	188	66	47	13	34
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	38	16	22	27	14	13	11	2	9
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	12	9	3	10	9	1	2	–	2
Hemorrhagic disease of newborn (776.0)	1	–	1	1	–	1	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,399	1,648	751	2,068	1,568	500	331	80	251
Symptoms, signs, and ill-defined conditions (780-799)	596	381	215	481	363	118	115	18	97
Sudden infant death syndrome (798.0)	367	230	137	287	219	68	80	11	69
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	229	151	78	194	144	50	35	7	28
Accidents and adverse effects (E800-E949)	73	40	33	52	38	14	21	2	19
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	11	6	5	6	5	1	5	1	4
Accidental mechanical suffocation (E913)	16	7	9	8	6	2	8	1	7
Other accidental causes and adverse effects (E800-E910,E914-E949)	46	27	19	38	27	11	8	–	8
Homicide (E960-E969)	52	31	21	38	29	9	14	2	12
Child battering and other maltreatment (E967)	9	5	4	7	4	3	2	1	1
Other homicide (E960-E966,E968-E969)	43	26	17	31	25	6	12	1	11
All other causes (Residual)	628	378	250	493	352	141	135	26	109

Table 2-16. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1990—Con.

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[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. Urban places in metropolitan counties are those with populations of 10,000 or more; urban places in nonmetropolitan counties are those with populations of 10,000 or more but less than 50,000 as enumerated in 1980. For definition of areas see Technical Appendix]

Cause of death, age, and race	All counties			Metropolitan counties			Nonmetropolitan counties		
	Total	Urban places	Balance of area	Total	Urban places	Balance of area	Total	Urban places	Balance of area
White neonatal deaths									
All causes	15,751	9,026	6,725	12,420	8,296	4,124	3,331	730	2,601
Certain intestinal infections (008-009)	1	–	1	–	–	–	1	–	1
Whooping cough (033)	1	1	–	–	–	–	1	1	–
Meningococcal infection (036)	2	2	–	2	2	–	–	–	–
Septicemia[2] (038)	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	36	18	18	29	18	11	7	–	7
Congenital syphilis (090)	3	3	–	3	3	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	10	4	6	6	3	3	4	1	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	9	5	4	8	5	3	1	–	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	32	15	17	25	14	11	7	1	6
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	15	8	7	13	8	5	2	–	2
Meningitis (320-322)	32	17	15	23	13	10	9	4	5
Other diseases of nervous system and sense organs (323-389)	39	25	14	30	22	8	9	3	6
Acute upper respiratory infections (460-465)	4	1	3	2	–	2	2	1	1
Bronchitis and bronchiolitis (466,490-491)	2	1	1	1	1	–	1	–	1
Pneumonia and influenza (480-487)	77	49	28	64	46	18	13	3	10
Pneumonia (480-486)	76	48	28	64	46	18	12	2	10
Influenza (487)	1	1	–	–	–	–	1	1	–
Remainder of diseases of respiratory system (470-478,492-519)	54	30	24	40	27	13	14	3	11
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	24	12	12	19	12	7	5	–	5
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	16	8	8	9	5	4	7	3	4
Remainder of diseases of digestive system (520-534,536-543,562-579)	28	17	11	24	16	8	4	1	3
Congenital anomalies (740-759)	4,713	2,639	2,074	3,637	2,404	1,233	1,076	235	841
Anencephalus and similar anomalies (740)	357	214	143	264	191	73	93	23	70
Spina bifida (741)	46	26	20	36	22	14	10	4	6
Congenital hydrocephalus (742.3)	95	53	42	74	50	24	21	3	18
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	179	111	68	146	103	43	33	8	25
Congenital anomalies of heart (745-746)	1,167	640	527	910	578	332	257	62	195
Other congenital anomalies of circulatory system (747)	253	137	116	196	130	66	57	7	50
Congenital anomalies of respiratory system (748)	848	480	368	638	428	210	210	52	158
Congenital anomalies of digestive system (749-751)	59	37	22	52	34	18	7	3	4
Congenital anomalies of genitourinary system (752-753)	372	209	163	278	187	91	94	22	72
Congenital anomalies of musculoskeletal system (754-756)	360	194	166	277	182	95	83	12	71
Down's syndrome (758.0)	40	23	17	32	21	11	8	2	6
Other chromosomal anomalies (758.1-758.9)	523	290	233	414	267	147	109	23	86
All other and unspecified congenital anomalies (744,757,759)	414	225	189	320	211	109	94	14	80
Certain conditions originating in the perinatal period (760-779)	9,757	5,679	4,078	7,803	5,241	2,562	1,954	438	1,516
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	119	68	51	88	65	23	31	3	28
Newborn affected by maternal complications of pregnancy (761)	1,042	594	448	824	548	276	218	46	172
Newborn affected by complications of placenta, cord, and membranes (762)	651	372	279	498	334	164	153	38	115
Newborn affected by other complications of labor and delivery (763)	52	19	33	34	19	15	18	–	18
Slow fetal growth and fetal malnutrition (764)	17	12	5	16	11	5	1	1	–
Disorders relating to short gestation and unspecified low birthweight (765)	1,972	1,176	796	1,595	1,099	496	377	77	300
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–
Birth trauma (767)	147	79	68	115	75	40	32	4	28
Intrauterine hypoxia and birth asphyxia (768)	462	269	193	357	249	108	105	20	85
Fetal distress in liveborn infant (768.2-768.4)	146	84	62	112	77	35	34	7	27
Birth asphyxia (768.5-768.9)	316	185	131	245	172	73	71	13	58
Respiratory distress syndrome (769)	1,674	975	699	1,331	890	441	343	85	258
Other respiratory conditions of newborn (770)	1,446	804	642	1,136	730	406	310	74	236
Infections specific to the perinatal period (771)	547	308	239	423	277	146	124	31	93
Neonatal hemorrhage (772)	185	117	68	154	110	44	31	7	24
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	25	9	16	18	8	10	7	1	6
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	11	8	3	9	8	1	2	–	2
Hemorrhagic disease of newborn (776.0)	1	–	1	1	–	1	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,406	869	537	1,204	818	386	202	51	151
Symptoms, signs, and ill-defined conditions (780-799)	375	210	165	291	197	94	84	13	71
Sudden infant death syndrome (798.0)	257	143	114	194	133	61	63	10	53
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	118	67	51	97	64	33	21	3	18
Accidents and adverse effects (E800-E949)	47	26	21	33	24	9	14	2	12
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	8	6	2	5	5	–	3	1	2
Accidental mechanical suffocation (E913)	8	3	5	3	2	1	5	1	4
Other accidental causes and adverse effects (E800-E910,E914-E949)	31	17	14	25	17	8	6	–	6
Homicide (E960-E969)	40	21	19	27	19	8	13	2	11
Child battering and other maltreatment (E967)	7	3	4	5	2	3	2	1	1
Other homicide (E960-E966,E968-E969)	33	18	15	22	17	5	11	1	10
All other causes (Residual)	434	235	199	331	216	115	103	19	84

Table 2-16. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1990—Con.

(Page 6 of 6)

[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. Urban places in metropolitan counties are those with populations of 10,000 or more; urban places in nonmetropolitan counties are those with populations of 10,000 or more but less than 50,000 as enumerated in 1980. For definition of areas see Technical Appendix]

Cause of death, age, and race	All counties			Metropolitan counties			Nonmetropolitan counties		
	Total	Urban places	Balance of area	Total	Urban places	Balance of area	Total	Urban places	Balance of area
Black neonatal deaths									
All causes	7,905	6,225	1,680	6,878	5,942	936	1,027	283	744
Certain intestinal infections (008-009)	1	–	1	–	–	–	1	–	1
Whooping cough (033)	1	1	–	1	1	–	–	–	–
Meningococcal infection (036)	2	1	1	1	1	–	1	–	1
Septicemia[2] (038)	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
Viral diseases (045-079)	18	13	5	14	12	2	4	1	3
Congenital syphilis (090)	19	16	3	19	16	3	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	8	8	–	6	6	–	2	2	–
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	1	–	1	1	–	–	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	7	6	1	4	4	–	3	2	1
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	3	3	–	3	3	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	8	6	2	7	6	1	1	–	1
Meningitis (320-322)	17	14	3	14	12	2	3	2	1
Other diseases of nervous system and sense organs (323-389)	8	4	4	5	4	1	3	–	3
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	–	–	–	–	–	–	–	–	–
Pneumonia and influenza (480-487)	49	31	18	38	29	9	11	2	9
Pneumonia (480-486)	49	31	18	38	29	9	11	2	9
Influenza (487)	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	17	12	5	14	11	3	3	1	2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	7	5	2	6	5	1	1	–	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	11	10	1	10	10	–	1	–	1
Remainder of diseases of digestive system (520-534,536-543,562-579)	13	11	2	11	11	–	2	–	2
Congenital anomalies (740-759)	1,062	798	264	896	745	151	166	53	113
Anencephalus and similar anomalies (740)	78	54	24	60	50	10	18	4	14
Spina bifida (741)	10	8	2	10	8	2	–	–	–
Congenital hydrocephalus (742.3)	20	15	5	16	14	2	4	1	3
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	43	33	10	38	29	9	5	4	1
Congenital anomalies of heart (745-746)	265	194	71	214	178	36	51	16	35
Other congenital anomalies of circulatory system (747)	86	72	14	71	66	5	15	6	9
Congenital anomalies of respiratory system (748)	191	143	48	160	134	26	31	9	22
Congenital anomalies of digestive system (749-751)	15	12	3	13	12	1	2	–	2
Congenital anomalies of genitourinary system (752-753)	75	64	11	72	62	10	3	2	1
Congenital anomalies of musculoskeletal system (754-756)	85	69	16	77	67	10	8	2	6
Down's syndrome (758.0)	9	5	4	8	5	3	1	–	1
Other chromosomal anomalies (758.1-758.9)	84	57	27	68	51	17	16	6	10
All other and unspecified congenital anomalies (744,757,759)	101	72	29	89	69	20	12	3	9
Certain conditions originating in the perinatal period (760-779)	6,238	4,965	1,273	5,470	4,756	714	768	209	559
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	86	63	23	77	61	16	9	2	7
Newborn affected by maternal complications of pregnancy (761)	568	453	115	501	432	69	67	21	46
Newborn affected by complications of placenta, cord, and membranes (762)	284	228	56	252	217	35	32	11	21
Newborn affected by other complications of labor and delivery (763)	19	10	9	15	10	5	4	–	4
Slow fetal growth and fetal malnutrition (764)	9	7	2	5	5	–	4	2	2
Disorders relating to short gestation and unspecified low birthweight (765)	1,886	1,539	347	1,697	1,480	217	189	59	130
Disorders relating to long gestation and high birthweight (766)	1	1	–	1	1	–	–	–	–
Birth trauma (767)	51	44	7	40	38	2	11	6	5
Intrauterine hypoxia and birth asphyxia (768)	209	166	43	181	155	26	28	11	17
Fetal distress in liveborn infant (768.2-768.4)	46	40	6	40	35	5	6	5	1
Birth asphyxia (768.5-768.9)	163	126	37	141	120	21	22	6	16
Respiratory distress syndrome (769)	916	744	172	785	710	75	131	34	97
Other respiratory conditions of newborn (770)	875	677	198	754	653	101	121	24	97
Infections specific to the perinatal period (771)	270	204	66	238	198	40	32	6	26
Neonatal hemorrhage (772)	109	82	27	95	76	19	14	6	8
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	12	6	6	8	5	3	4	1	3
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	1	–	1	1	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	942	740	202	820	714	106	122	26	96
Symptoms, signs, and ill-defined conditions (780-799)	205	160	45	178	155	23	27	5	22
Sudden infant death syndrome (798.0)	103	84	19	90	83	7	13	1	12
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	102	76	26	88	72	16	14	4	10
Accidents and adverse effects (E800-E949)	24	14	10	19	14	5	5	–	5
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3	–	3	1	–	1	2	–	2
Accidental mechanical suffocation (E913)	7	4	3	5	4	1	2	–	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	14	10	4	13	10	3	1	–	1
Homicide (E960-E969)	12	10	2	11	10	1	1	–	1
Child battering and other maltreatment (E967)	2	2	–	2	2	–	–	–	–
Other homicide (E960-E966,E968-E969)	10	8	2	9	8	1	1	–	1
All other causes (Residual)	174	136	38	150	130	20	24	6	18

[1] Includes races other than white and black.

[2] Infant deaths under 28 days due to septicemia are assigned to Other infection specific to the perinatal period, category number 771.8, which is included in Infections specific to the perinatal period, category 771 of the Ninth Revision International Classification of Diseases, 1975.

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990

(Page 1 of 18)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
All races[1], both sexes - All causes	38,351	4,362	10,265	1,846	1,340	813	574	444	376	20,020	2,015	1,308	966	24,309
Certain intestinal infections (008-009)	98	–	–	–	–	–	–	–	–	–	–	1	1	2
Whooping cough (033)	11	–	1	–	–	–	–	–	–	1	–	1	–	2
Meningococcal infection (036)	50	–	–	–	–	–	–	–	–	–	–	2	2	4
Septicemia[2] (038)	267	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	157	1	4	1	1	–	–	1	2	10	23	14	8	55
Congenital syphilis (090)	25	1	10	1	4	1	1	–	–	18	3	1	–	22
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	232	2	3	–	–	–	1	1	–	7	2	4	5	18
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	90	3	1	–	–	–	–	–	–	4	2	1	3	10
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	71	8	15	–	3	2	1	–	–	29	5	5	–	39
Diseases of thymus gland (254)	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	9	–	–	–	–	1	–	–	–	1	2	–	–	3
Diseases of blood and blood-forming organs (280-289)	83	4	4	2	2	2	1	1	–	16	8	1	3	28
Meningitis (320-322)	197	–	1	3	1	1	5	4	1	16	10	11	14	51
Other diseases of nervous system and sense organs (323-389)	462	1	7	3	2	2	2	3	1	21	10	9	9	49
Acute upper respiratory infections (460-465)	33	1	–	–	–	–	–	–	–	1	–	3	1	5
Bronchitis and bronchiolitis (466,490-491)	114	–	–	–	–	–	–	–	–	–	1	2	1	4
Pneumonia and influenza (480-487)	634	4	25	9	6	3	4	5	3	59	28	25	20	132
Pneumonia (480-486)	627	4	25	9	6	3	4	5	3	59	27	25	20	131
Influenza (487)	7	–	–	–	–	–	–	–	–	–	1	–	–	1
Remainder of diseases of respiratory system (470-478,492-519)	390	9	16	7	2	3	–	2	1	40	12	9	10	71
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	87	5	7	2	1	–	–	–	2	17	8	1	5	31
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	126	–	–	3	2	2	3	–	3	13	10	6	2	31
Remainder of diseases of digestive system (520-534,536-543,562-579)	185	1	4	2	1	2	2	1	1	14	14	8	5	41
Congenital anomalies (740-759)	8,239	760	2,096	574	401	288	227	186	147	4,679	670	365	266	5,980
Anencephalus and similar anomalies (740)	470	151	230	23	15	10	7	5	1	442	12	4	1	459
Spina bifida (741)	80	15	23	6	1	1	–	–	2	48	3	4	2	57
Congenital hydrocephalus (742.3)	189	20	37	6	7	7	2	10	–	89	9	8	13	119
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	357	30	75	16	14	11	11	6	3	166	31	20	14	231
Congenital anomalies of heart (745-746)	2,601	26	174	119	152	131	104	88	82	876	340	157	111	1,484
Other congenital anomalies of circulatory system (747)	509	8	32	62	46	30	23	18	10	229	75	27	20	351
Congenital anomalies of respiratory system (748)	1,162	151	636	126	53	21	11	7	6	1,011	22	22	14	1,069
Congenital anomalies of digestive system (749-751)	143	10	17	10	3	1	2	3	4	50	11	8	10	79
Congenital anomalies of genitourinary system (752-753)	485	83	283	47	12	6	3	1	2	437	8	7	5	457
Congenital anomalies of musculoskeletal system (754-756)	544	56	198	63	18	17	9	6	4	371	34	38	14	457
Down's syndrome (758.0)	111	5	21	4	3	2	–	1	1	37	6	3	5	51
Other chromosomal anomalies (758.1-758.9)	885	57	140	45	52	35	49	31	25	434	96	51	45	626
All other and unspecified congenital anomalies (744,757,759)	703	148	230	47	25	16	6	10	7	489	23	16	12	540
Certain conditions originating in the perinatal period (760-779)	17,482	3,458	7,888	1,128	836	439	270	204	175	14,398	1,024	603	357	16,382
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	227	64	83	17	8	3	5	2	2	184	16	4	3	207
Newborn affected by maternal complications of pregnancy (761)	1,655	671	891	44	21	7	–	3	3	1,640	6	1	3	1,650
Newborn affected by complications of placenta, cord, and membranes (762)	975	403	453	32	15	9	9	4	6	931	17	12	2	962
Newborn affected by other complications of labor and delivery (763)	74	23	32	5	3	1	1	1	1	67	4	1	–	72
Slow fetal growth and fetal malnutrition (764)	30	6	6	–	2	4	–	3	–	21	3	2	–	26
Disorders relating to short gestation and unspecified low birthweight (765)	4,013	1,213	2,501	123	46	25	9	3	6	3,926	19	6	4	3,955
Disorders relating to long gestation and high birthweight (766)	1	–	–	1	–	–	–	–	–	1	–	–	–	1
Birth trauma (767)	207	4	23	27	33	21	9	15	7	139	38	14	10	201
Intrauterine hypoxia and birth asphyxia (768)	762	141	238	58	53	31	25	16	11	573	70	32	18	693
Fetal distress in liveborn infant (768.2-768.4)	222	36	46	19	17	10	9	3	2	142	31	18	9	200
Birth asphyxia (768.5-768.9)	540	105	192	39	36	21	16	13	9	431	39	14	9	493
Respiratory distress syndrome (769)	2,850	83	1,124	374	296	149	78	46	56	2,206	260	130	55	2,651
Other respiratory conditions of newborn (770)	2,957	332	1,163	216	168	64	45	34	22	2,044	171	102	67	2,384
Infections specific to the perinatal period (771)	875	50	207	78	45	38	26	22	18	484	155	116	74	829
Neonatal hemorrhage (772)	305	13	49	40	42	25	16	18	10	213	54	21	13	301
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	44	6	14	3	5	1	1	1	1	32	3	2	1	38
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	13	3	2	1	1	1	–	–	–	8	2	1	1	12
Hemorrhagic disease of newborn (776.0)	1	–	–	–	–	–	–	–	–	–	1	–	–	1
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,493	446	1,102	109	98	60	46	36	32	1,929	205	159	106	2,399
Symptoms, signs, and ill-defined conditions (780-799)	6,409	58	56	19	10	11	18	7	17	196	70	153	177	596
Sudden infant death syndrome (798.0)	5,417	2	12	8	4	5	11	4	12	58	42	118	149	367
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	992	56	44	11	6	6	7	3	5	138	28	35	28	229
Accidents and adverse effects (E800-E949)	930	9	7	–	3	6	3	1	2	31	15	9	18	73
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	165	–	1	–	2	–	–	1	1	5	4	–	2	11
Accidental mechanical suffocation (E913)	240	–	–	–	–	1	1	–	–	2	6	3	5	16
Other accidental causes and adverse effects (E800-E910,E914-E949)	525	9	6	–	1	5	2	–	1	24	5	6	11	46
Homicide (E960-E969)	332	16	12	6	1	–	–	–	2	37	3	2	10	52
Child battering and other maltreatment (E967)	153	2	1	–	–	–	–	–	–	3	–	–	6	9
Other homicide (E960-E966,E968-E969)	179	14	11	6	1	–	–	–	2	34	3	2	4	43
All other causes (Residual)	1,636	21	108	86	64	50	36	28	19	412	95	72	49	628

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
All races[1], both sexes - All causes	3,401	2,910	2,126	1,536	1,040	772	635	499	430	346	347
Certain intestinal infections (008-009)	61	12	6	6	5	–	–	2	4	–	–
Whooping cough (033)	5	2	–	1	–	–	1	–	–	–	–
Meningococcal infection (036)	3	5	4	5	10	4	5	4	2	3	1
Septicemia[2] (038)	97	52	23	25	17	11	7	11	5	11	8
Viral diseases (045-079)	21	18	11	6	7	8	9	5	6	3	8
Congenital syphilis (090)	1	1	–	1	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	31	20	39	38	25	16	15	15	6	5	4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	15	4	9	3	6	5	6	7	6	2	17
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	4	4	3	3	1	6	4	4	1	2	–
Diseases of thymus gland (254)	–	–	1	1	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	1	–	2	–	–	2	–	–	1	–	–
Diseases of blood and blood-forming organs (280-289)	10	9	6	9	5	6	3	1	5	–	1
Meningitis (320-322)	26	16	13	20	8	13	9	11	11	14	5
Other diseases of nervous system and sense organs (323-389)	64	62	40	38	44	28	37	27	28	22	23
Acute upper respiratory infections (460-465)	8	2	6	8	–	–	1	1	–	1	1
Bronchitis and bronchiolitis (466,490-491)	20	19	22	18	10	6	7	2	3	3	–
Pneumonia and influenza (480-487)	103	99	92	61	34	27	25	23	11	14	13
Pneumonia (480-486)	103	98	92	61	34	26	23	22	11	13	13
Influenza (487)	–	1	–	–	–	1	2	1	–	1	–
Remainder of diseases of respiratory system (470-478,492-519)	76	59	47	45	22	16	17	11	9	10	7
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	15	7	6	8	6	3	1	5	1	1	3
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	31	9	14	9	7	7	6	3	4	2	3
Remainder of diseases of digestive system (520-534,536-543,562-579)	31	25	19	10	14	11	15	6	5	6	2
Congenital anomalies (740-759)	615	366	292	216	180	151	134	87	89	57	72
Anencephalus and similar anomalies (740)	4	2	1	1	–	1	1	–	1	–	–
Spina bifida (741)	8	1	3	1	2	2	2	2	1	1	–
Congenital hydrocephalus (742.3)	14	11	8	11	5	6	7	3	4	1	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	28	16	17	7	14	16	8	6	3	5	6
Congenital anomalies of heart (745-746)	299	176	139	115	94	74	70	37	47	33	33
Other congenital anomalies of circulatory system (747)	47	23	26	16	16	8	4	3	6	4	5
Congenital anomalies of respiratory system (748)	30	15	9	10	8	4	1	6	6	2	2
Congenital anomalies of digestive system (749-751)	14	8	5	3	3	3	12	9	5	1	1
Congenital anomalies of genitourinary system (752-753)	5	9	8	2	–	1	–	–	1	1	1
Congenital anomalies of musculoskeletal system (754-756)	23	11	12	14	2	8	4	1	3	3	6
Down's syndrome (758.0)	10	3	11	10	6	7	2	6	2	2	1
Other chromosomal anomalies (758.1-758.9)	103	63	29	13	17	9	10	5	1	1	8
All other and unspecified congenital anomalies (744,757,759)	30	28	24	13	13	12	13	9	9	3	9
Certain conditions originating in the perinatal period (760-779)	353	148	102	102	112	76	58	54	42	24	29
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	5	3	1	1	7	1	1	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	–	1	–	1	2	–	1	–	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	6	4	–	–	3	–	–	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	1	1	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	2	–	1	–	–	–	–	–	–	–	1
Disorders relating to short gestation and unspecified low birthweight (765)	21	10	6	6	4	2	3	1	2	–	3
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	4	1	–	–	–	–	–	–	–	–	1
Intrauterine hypoxia and birth asphyxia (768)	23	13	14	4	4	–	3	3	2	3	–
Fetal distress in liveborn infant (768.2-768.4)	7	4	3	–	2	–	3	2	1	–	–
Birth asphyxia (768.5-768.9)	16	9	11	4	2	–	–	1	1	3	–
Respiratory distress syndrome (769)	73	27	17	21	18	21	7	9	1	5	–
Other respiratory conditions of newborn (770)	121	70	53	61	68	50	41	35	36	15	23
Infections specific to the perinatal period (771)	29	3	4	2	3	–	2	1	1	–	1
Neonatal hemorrhage (772)	4	–	–	–	–	–	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	2	1	1	1	1	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	61	14	5	5	2	2	–	4	–	1	–
Symptoms, signs, and ill-defined conditions (780-799)	1,409	1,651	1,112	704	352	215	133	93	59	53	32
Sudden infant death syndrome (798.0)	1,243	1,503	962	610	297	177	99	67	40	37	15
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	166	148	150	94	55	38	34	26	19	16	17
Accidents and adverse effects (E800-E949)	101	110	88	80	87	70	67	66	64	66	58
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	17	33	18	17	12	14	7	10	11	8	7
Accidental mechanical suffocation (E913)	36	29	34	29	26	20	23	7	8	9	3
Other accidental causes and adverse effects (E800-E910,E914-E949)	48	48	36	34	49	36	37	49	45	49	48
Homicide (E960-E969)	41	41	41	26	23	22	20	19	18	14	15
Child battering and other maltreatment (E967)	30	24	20	16	14	8	11	7	5	4	5
Other homicide (E960-E966,E968-E969)	11	17	21	10	9	14	9	12	13	10	10
All other causes (Residual)	259	169	128	93	65	69	55	42	50	33	45

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
All races[1], male - All causes	21,856	2,387	5,815	1,073	782	471	346	263	211	11,348	1,183	740	568	13,839
Certain intestinal infections (008-009)	50	–	–	–	–	–	–	–	–	–	–	–	1	1
Whooping cough (033)	4	–	1	–	–	–	–	–	–	1	–	–	–	1
Meningococcal infection (036)	27	–	–	–	–	–	–	–	–	–	–	2	–	2
Septicemia[2] (038)	149	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
Viral diseases (045-079)	88	1	3	–	1	–	–	1	1	7	11	10	2	30
Congenital syphilis (090)	15	1	4	1	3	1	–	–	–	10	1	1	–	12
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	123	1	3	–	–	–	1	1	–	6	2	4	4	16
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	48	1	1	–	–	–	–	–	–	2	2	1	2	7
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	31	4	7	–	3	1	1	–	–	16	3	–	–	19
Diseases of thymus gland (254)	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	5	–	–	–	–	–	–	–	–	–	1	–	–	1
Diseases of blood and blood-forming organs (280-289)	47	3	–	–	1	2	1	1	–	8	7	1	1	17
Meningitis (320-322)	108	–	1	2	1	–	1	2	–	7	7	7	12	33
Other diseases of nervous system and sense organs (323-389)	259	1	6	3	1	2	1	1	1	16	5	3	5	29
Acute upper respiratory infections (460-465)	18	–	–	–	–	–	–	–	–	–	–	1	1	2
Bronchitis and bronchiolitis (466,490-491)	67	–	–	–	–	–	–	–	–	–	1	–	1	2
Pneumonia and influenza (480-487)	365	2	15	5	5	3	3	3	1	37	15	13	13	78
Pneumonia (480-486)	360	2	15	5	5	3	3	3	1	37	14	13	13	77
Influenza (487)	5	–	–	–	–	–	–	–	–	–	1	–	–	1
Remainder of diseases of respiratory system (470-478,492-519)	236	5	10	6	1	2	–	2	1	27	6	2	4	39
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	59	3	5	2	1	–	–	–	1	12	4	1	4	21
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	73	–	–	3	1	–	2	–	2	8	5	4	1	18
Remainder of diseases of digestive system (520-534,536-543,562-579)	107	1	3	2	1	1	2	–	1	11	8	4	4	27
Congenital anomalies (740-759)	4,520	395	1,238	336	216	173	141	107	73	2,679	391	189	148	3,407
Anencephalus and similar anomalies (740)	200	55	101	13	9	4	3	2	–	187	6	3	–	196
Spina bifida (741)	39	7	9	5	–	1	–	–	1	23	2	2	2	29
Congenital hydrocephalus (742.3)	92	5	23	2	3	5	1	5	–	44	7	3	6	60
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	174	14	36	10	9	5	6	3	1	84	14	7	6	111
Congenital anomalies of heart (745-746)	1,438	14	110	66	81	75	68	58	37	509	200	90	60	859
Other congenital anomalies of circulatory system (747)	284	6	19	39	23	17	12	12	6	134	47	13	13	207
Congenital anomalies of respiratory system (748)	717	82	402	82	31	16	4	3	4	624	13	11	8	656
Congenital anomalies of digestive system (749-751)	75	6	10	4	1	1	2	2	4	30	5	5	6	46
Congenital anomalies of genitourinary system (752-753)	335	59	202	30	6	3	3	–	1	304	4	5	4	317
Congenital anomalies of musculoskeletal system (754-756)	323	32	123	35	12	11	6	3	3	225	25	18	9	277
Down's syndrome (758.0)	63	4	12	2	2	2	–	–	–	22	2	2	3	29
Other chromosomal anomalies (758.1-758.9)	410	29	69	22	27	23	31	13	15	229	52	19	26	326
All other and unspecified congenital anomalies (744,757,759)	370	82	122	26	12	10	5	6	1	264	14	11	5	294
Certain conditions originating in the perinatal period (760-779)	9,936	1,906	4,424	647	503	240	158	121	104	8,103	615	351	214	9,283
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	130	31	48	11	6	2	3	2	1	104	9	3	2	118
Newborn affected by maternal complications of pregnancy (761)	885	351	484	18	13	6	–	3	2	877	5	–	1	883
Newborn affected by complications of placenta, cord, and membranes (762)	558	233	263	18	3	5	6	3	2	533	10	7	1	551
Newborn affected by other complications of labor and delivery (763)	48	14	23	3	2	–	1	1	–	44	2	1	–	47
Slow fetal growth and fetal malnutrition (764)	15	2	4	–	1	1	–	1	–	9	1	1	–	11
Disorders relating to short gestation and unspecified low birthweight (765)	2,251	700	1,376	66	28	12	6	–	2	2,190	15	5	2	2,212
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	130	4	13	15	26	10	6	7	3	84	27	8	7	126
Intrauterine hypoxia and birth asphyxia (768)	416	80	129	30	28	12	12	13	6	310	42	19	8	379
Fetal distress in liveborn infant (768.2-768.4)	102	19	17	11	5	1	4	2	1	60	18	8	4	90
Birth asphyxia (768.5-768.9)	314	61	112	19	23	11	8	11	5	250	24	11	4	289
Respiratory distress syndrome (769)	1,736	45	679	237	190	86	49	25	40	1,351	152	74	34	1,611
Other respiratory conditions of newborn (770)	1,697	173	656	122	99	33	31	21	11	1,146	103	65	43	1,357
Infections specific to the perinatal period (771)	474	18	107	44	24	22	12	14	10	251	93	61	42	447
Neonatal hemorrhage (772)	177	6	30	19	23	16	8	10	8	120	35	11	8	174
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	18	3	6	2	1	–	–	1	1	14	1	1	–	16
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	8	1	2	–	–	1	–	–	–	4	2	–	1	7
Hemorrhagic disease of newborn (776.0)	1	–	–	–	–	–	–	–	–	–	1	–	–	1
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,392	245	604	62	59	34	24	20	18	1,066	117	95	65	1,343
Symptoms, signs, and ill-defined conditions (780-799)	3,910	34	28	11	5	8	10	4	8	108	34	99	103	344
Sudden infant death syndrome (798.0)	3,320	1	5	4	3	2	5	3	6	29	18	76	91	214
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	590	33	23	7	2	6	5	1	2	79	16	23	12	130
Accidents and adverse effects (E800-E949)	509	5	2	–	1	4	3	1	1	17	10	5	7	39
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	92	–	–	–	–	–	–	1	–	1	3	–	1	5
Accidental mechanical suffocation (E913)	136	–	–	–	–	1	1	–	–	2	3	2	1	8
Other accidental causes and adverse effects (E800-E910,E914-E949)	281	5	2	–	1	3	2	–	1	14	4	3	5	26
Homicide (E960-E969)	178	11	6	5	–	–	–	–	2	24	1	2	6	33
Child battering and other maltreatment (E967)	73	1	–	–	–	–	–	–	–	1	–	–	2	3
Other homicide (E960-E966,E968-E969)	105	10	6	5	–	–	–	–	2	23	1	2	4	30
All other causes (Residual)	923	13	58	50	38	34	22	19	15	249	54	40	35	378

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
All races[1], male - All causes	1,957	1,705	1,266	911	587	416	339	265	199	183	189
Certain intestinal infections (008-009)	30	6	2	5	2	–	–	1	3	–	–
Whooping cough (033)	2	1	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	2	2	2	3	7	1	2	3	–	2	1
Septicemia[2] (038)	49	29	16	15	10	6	4	6	5	6	3
Viral diseases (045-079)	15	11	5	3	3	7	2	3	2	3	4
Congenital syphilis (090)	1	1	–	1	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	20	13	20	17	8	9	8	8	1	1	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5	3	4	2	4	4	3	5	2	–	9
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	3	2	2	–	1	1	2	–	–	–
Diseases of thymus gland (254)	–	–	1	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	1	–	1	–	–	1	–	–	1	–	–
Diseases of blood and blood-forming organs (280-289)	5	5	2	7	4	4	1	1	–	–	1
Meningitis (320-322)	14	7	10	9	5	6	5	5	3	8	3
Other diseases of nervous system and sense organs (323-389)	38	34	24	23	26	14	19	16	14	15	7
Acute upper respiratory infections (460-465)	6	2	3	3	–	–	1	–	–	–	1
Bronchitis and bronchiolitis (466,490-491)	13	12	11	10	7	3	3	2	2	2	–
Pneumonia and influenza (480-487)	66	59	48	39	21	11	15	12	2	5	9
Pneumonia (480-486)	66	58	48	39	21	10	14	11	2	5	9
Influenza (487)	–	1	–	–	–	1	1	1	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	48	35	30	26	15	10	14	7	3	6	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	10	4	5	6	4	2	1	3	1	–	2
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	17	4	6	6	4	5	5	3	1	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	18	17	7	7	7	6	10	2	2	3	1
Congenital anomalies (740-759)	304	175	148	103	94	73	68	41	41	28	38
Anencephalus and similar anomalies (740)	2	1	–	1	–	–	–	–	–	–	–
Spina bifida (741)	4	1	1	1	1	–	1	–	1	–	–
Congenital hydrocephalus (742.3)	5	6	5	4	–	3	4	1	3	1	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	19	5	9	3	6	9	4	2	2	2	2
Congenital anomalies of heart (745-746)	164	89	69	52	53	41	35	21	19	18	18
Other congenital anomalies of circulatory system (747)	24	13	9	7	9	5	1	1	2	1	5
Congenital anomalies of respiratory system (748)	17	12	6	9	5	2	1	4	3	–	2
Congenital anomalies of digestive system (749-751)	6	3	3	1	1	–	7	4	4	–	–
Congenital anomalies of genitourinary system (752-753)	4	5	6	1	–	1	–	–	1	–	–
Congenital anomalies of musculoskeletal system (754-756)	10	5	7	7	2	4	1	1	2	2	5
Down's syndrome (758.0)	6	3	10	4	4	3	1	2	–	1	–
Other chromosomal anomalies (758.1-758.9)	35	17	11	7	4	2	4	1	–	1	2
All other and unspecified congenital anomalies (744,757,759)	8	15	12	6	9	3	9	4	4	2	4
Certain conditions originating in the perinatal period (760-779)	207	83	61	66	69	49	29	30	24	14	21
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	3	2	–	–	5	1	1	–	–	–	–
Newborn affected by maternal complications of pregnancy (761)	–	1	–	–	1	–	–	–	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	4	1	–	–	2	–	–	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	–	1	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	2	–	1	–	–	–	–	–	–	–	1
Disorders relating to short gestation and unspecified low birthweight (765)	14	8	5	4	3	–	2	1	1	–	1
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	4	–	–	–	–	–	–	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	12	7	8	3	1	–	1	1	2	2	–
Fetal distress in liveborn infant (768.2-768.4)	6	1	1	–	1	–	1	1	1	–	–
Birth asphyxia (768.5-768.9)	6	6	7	3	–	–	–	–	1	2	–
Respiratory distress syndrome (769)	47	14	9	16	14	12	5	5	–	3	–
Other respiratory conditions of newborn (770)	64	38	34	38	41	36	19	22	20	9	19
Infections specific to the perinatal period (771)	20	2	1	1	1	–	1	–	1	–	–
Neonatal hemorrhage (772)	3	–	–	–	–	–	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	1	–	–	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	32	8	3	4	1	–	–	1	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	865	1,027	705	445	202	125	76	50	28	30	13
Sudden infant death syndrome (798.0)	766	940	604	384	168	99	60	36	19	22	8
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	99	87	101	61	34	26	16	14	9	8	5
Accidents and adverse effects (E800-E949)	55	63	55	50	45	34	35	34	30	34	35
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	7	22	10	12	8	8	3	6	5	3	3
Accidental mechanical suffocation (E913)	20	17	18	18	14	10	12	5	5	6	3
Other accidental causes and adverse effects (E800-E910,E914-E949)	28	24	27	20	23	16	20	23	20	25	29
Homicide (E960-E969)	18	23	22	12	11	13	8	11	11	6	10
Child battering and other maltreatment (E967)	12	13	11	5	7	3	6	3	4	3	3
Other homicide (E960-E966,E968-E969)	6	10	11	7	4	10	2	8	7	3	7
All other causes (Residual)	147	86	76	51	39	32	29	20	23	18	24

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
All races[1], female - All causes	16,495	1,975	4,450	773	558	342	228	181	165	8,672	832	568	398	10,470
Certain intestinal infections (008-009)	48	-	-	-	-	-	-	-	-	-	-	1	-	1
Whooping cough (033)	7	-	-	-	-	-	-	-	-	-	-	1	-	1
Meningococcal infection (036)	23	-	-	-	-	-	-	-	-	-	-	-	2	2
Septicemia[2] (038)	118	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	69	-	1	1	-	-	-	-	1	3	12	4	6	25
Congenital syphilis (090)	10	-	6	-	1	-	1	-	-	8	2	-	-	10
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	109	1	-	-	-	-	-	-	-	1	-	-	1	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	42	2	-	-	-	-	-	-	-	2	-	-	1	3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	40	4	8	-	-	1	-	-	-	13	2	5	-	20
Diseases of thymus gland (254)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	4	-	-	-	-	1	-	-	-	1	1	-	-	2
Diseases of blood and blood-forming organs (280-289)	36	1	4	2	1	-	-	-	-	8	1	-	2	11
Meningitis (320-322)	89	-	-	1	-	1	4	2	1	9	3	4	2	18
Other diseases of nervous system and sense organs (323-389)	203	-	1	-	1	-	1	2	-	5	5	6	4	20
Acute upper respiratory infections (460-465)	15	1	-	-	-	-	-	-	-	1	-	2	-	3
Bronchitis and bronchiolitis (466,490-491)	47	-	-	-	-	-	-	-	-	-	-	2	-	2
Pneumonia and influenza (480-487)	269	2	10	4	1	-	1	2	2	22	13	12	7	54
Pneumonia (480-486)	267	2	10	4	1	-	1	2	2	22	13	12	7	54
Influenza (487)	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	154	4	6	1	1	1	-	-	-	13	6	7	6	32
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	28	2	2	-	-	-	-	-	1	5	4	-	1	10
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	53	-	-	-	1	2	1	-	1	5	5	2	1	13
Remainder of diseases of digestive system (520-534,536-543,562-579)	78	-	1	-	-	1	-	1	-	3	6	4	1	14
Congenital anomalies (740-759)	3,719	365	858	238	185	115	86	79	74	2,000	279	176	118	2,573
Anencephalus and similar anomalies (740)	270	96	129	10	6	6	4	3	1	255	6	1	1	263
Spina bifida (741)	41	8	14	1	1	-	-	-	1	25	1	2	-	28
Congenital hydrocephalus (742.3)	97	15	14	4	4	2	1	5	-	45	2	5	7	59
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	183	16	39	6	5	6	5	3	2	82	17	13	8	120
Congenital anomalies of heart (745-746)	1,163	12	64	53	71	56	36	30	45	367	140	67	51	625
Other congenital anomalies of circulatory system (747)	225	2	13	23	23	13	11	6	4	95	28	14	7	144
Congenital anomalies of respiratory system (748)	445	69	234	44	22	5	7	4	2	387	9	11	6	413
Congenital anomalies of digestive system (749-751)	68	4	7	6	2	-	-	1	-	20	6	3	4	33
Congenital anomalies of genitourinary system (752-753)	150	24	81	17	6	3	-	1	1	133	4	2	1	140
Congenital anomalies of musculoskeletal system (754-756)	221	24	75	28	6	6	3	3	1	146	9	20	5	180
Down's syndrome (758.0)	48	1	9	2	1	-	-	1	1	15	4	1	2	22
Other chromosomal anomalies (758.1-758.9)	475	28	71	23	25	12	18	18	10	205	44	32	19	300
All other and unspecified congenital anomalies (744,757,759)	333	66	108	21	13	6	1	4	6	225	9	5	7	246
Certain conditions originating in the perinatal period (760-779)	7,546	1,552	3,464	481	333	199	112	83	71	6,295	409	252	143	7,099
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	97	33	35	6	2	1	2	-	1	80	7	1	1	89
Newborn affected by maternal complications of pregnancy (761)	770	320	407	26	8	1	-	-	1	763	1	1	2	767
Newborn affected by complications of placenta, cord, and membranes (762)	417	170	190	14	12	4	3	1	4	398	7	5	1	411
Newborn affected by other complications of labor and delivery (763)	26	9	9	2	1	1	-	-	1	23	2	-	-	25
Slow fetal growth and fetal malnutrition (764)	15	4	2	-	1	3	-	2	-	12	2	1	-	15
Disorders relating to short gestation and unspecified low birthweight (765)	1,762	513	1,125	57	18	13	3	3	4	1,736	4	1	2	1,743
Disorders relating to long gestation and high birthweight (766)	1	-	-	1	-	-	-	-	-	1	-	-	-	1
Birth trauma (767)	77	-	10	12	7	11	3	8	4	55	11	6	3	75
Intrauterine hypoxia and birth asphyxia (768)	346	61	109	28	25	19	13	3	5	263	28	13	10	314
Fetal distress in liveborn infant (768.2-768.4)	120	17	29	8	12	9	5	1	1	82	13	10	5	110
Birth asphyxia (768.5-768.9)	226	44	80	20	13	10	8	2	4	181	15	3	5	204
Respiratory distress syndrome (769)	1,114	38	445	137	106	63	29	21	16	855	108	56	21	1,040
Other respiratory conditions of newborn (770)	1,260	159	507	94	69	31	14	13	11	898	68	37	24	1,027
Infections specific to the perinatal period (771)	401	32	100	34	21	16	14	8	8	233	62	55	32	382
Neonatal hemorrhage (772)	128	7	19	21	19	9	8	8	2	93	19	10	5	127
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	26	3	8	1	4	1	1	-	-	18	2	1	1	22
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	5	2	-	1	1	-	-	-	-	4	-	1	-	5
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,101	201	498	47	39	26	22	16	14	863	88	64	41	1,056
Symptoms, signs, and ill-defined conditions (780-799)	2,499	24	28	8	5	3	8	3	9	88	36	54	74	252
Sudden infant death syndrome (798.0)	2,097	1	7	4	1	3	6	1	6	29	24	42	58	153
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	402	23	21	4	4	-	2	2	3	59	12	12	16	99
Accidents and adverse effects (E800-E949)	421	4	5	-	2	2	-	-	1	14	5	4	11	34
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	73	-	1	-	2	-	-	-	1	4	1	-	1	6
Accidental mechanical suffocation (E913)	104	-	-	-	-	-	-	-	-	-	3	1	4	8
Other accidental causes and adverse effects (E800-E910,E914-E949)	244	4	4	-	-	2	-	-	-	10	1	3	6	20
Homicide (E960-E969)	154	5	6	1	1	-	-	-	-	13	2	-	4	19
Child battering and other maltreatment (E967)	80	1	1	-	-	-	-	-	-	2	-	-	4	6
Other homicide (E960-E966,E968-E969)	74	4	5	1	1	-	-	-	-	11	2	-	-	13
All other causes (Residual)	713	8	50	36	26	16	14	9	4	163	41	32	14	250

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
All races[1], female - All causes	1,444	1,205	860	625	453	356	296	234	231	163	158
Certain intestinal infections (008-009)	31	6	4	1	3	–	–	1	1	–	–
Whooping cough (033)	3	1	–	1	–	–	1	–	–	–	–
Meningococcal infection (036)	1	3	2	2	3	3	3	1	2	1	–
Septicemia[2] (038)	48	23	7	10	7	5	3	5	–	5	5
Viral diseases (045-079)	6	7	6	3	4	1	7	2	4	–	4
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	11	7	19	21	17	7	7	7	5	4	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	10	1	5	1	2	1	3	2	4	2	8
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3	1	1	1	1	5	3	2	1	2	–
Diseases of thymus gland (254)	–	–	–	1	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	1	–	–	1	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	5	4	4	2	1	2	2	–	5	–	–
Meningitis (320-322)	12	9	3	11	3	7	4	6	8	6	2
Other diseases of nervous system and sense organs (323-389)	26	28	16	15	18	14	18	11	14	7	16
Acute upper respiratory infections (460-465)	2	–	3	5	–	–	–	1	–	1	–
Bronchitis and bronchiolitis (466,490-491)	7	7	11	8	3	3	4	–	1	1	–
Pneumonia and influenza (480-487)	37	40	44	22	13	16	10	11	9	9	4
Pneumonia (480-486)	37	40	44	22	13	16	9	11	9	8	4
Influenza (487)	–	–	–	–	–	–	1	–	–	1	–
Remainder of diseases of respiratory system (470-478,492-519)	28	24	17	19	7	6	3	4	6	4	4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5	3	1	2	2	1	–	2	–	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	14	5	8	3	3	2	1	–	3	–	1
Remainder of diseases of digestive system (520-534,536-543,562-579)	13	8	12	3	7	5	5	4	3	3	1
Congenital anomalies (740-759)	311	191	144	113	86	78	66	46	48	29	34
Anencephalus and similar anomalies (740)	2	1	1	–	–	1	1	–	1	–	–
Spina bifida (741)	4	–	2	–	1	2	1	2	–	1	–
Congenital hydrocephalus (742.3)	9	5	3	7	5	3	3	2	1	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	9	11	8	4	8	7	4	4	1	3	4
Congenital anomalies of heart (745-746)	135	87	70	63	41	33	35	16	28	15	15
Other congenital anomalies of circulatory system (747)	23	10	17	9	7	3	3	2	4	3	–
Congenital anomalies of respiratory system (748)	13	3	3	1	3	2	–	2	3	2	–
Congenital anomalies of digestive system (749-751)	8	5	2	2	2	3	5	5	1	1	1
Congenital anomalies of genitourinary system (752-753)	1	4	2	1	–	–	–	–	–	1	1
Congenital anomalies of musculoskeletal system (754-756)	13	6	5	7	–	4	3	–	1	1	1
Down's syndrome (758.0)	4	–	1	6	2	4	1	4	2	1	1
Other chromosomal anomalies (758.1-758.9)	68	46	18	6	13	7	6	4	1	–	6
All other and unspecified congenital anomalies (744,757,759)	22	13	12	7	4	9	4	5	5	1	5
Certain conditions originating in the perinatal period (760-779)	146	65	41	36	43	27	29	24	18	10	8
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	1	1	1	2	–	–	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	–	–	–	1	1	–	1	–	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	2	3	–	–	1	–	–	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	1	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	7	2	1	2	1	2	1	–	1	–	2
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	–	1	–	–	–	–	–	–	–	–	1
Intrauterine hypoxia and birth asphyxia (768)	11	6	6	1	3	–	2	2	–	1	–
Fetal distress in liveborn infant (768.2-768.4)	1	3	2	–	1	–	2	1	–	–	–
Birth asphyxia (768.5-768.9)	10	3	4	1	2	–	–	1	–	1	–
Respiratory distress syndrome (769)	26	13	8	5	4	9	2	4	1	2	–
Other respiratory conditions of newborn (770)	57	32	19	23	27	14	22	13	16	6	4
Infections specific to the perinatal period (771)	9	1	3	1	2	–	1	1	–	–	1
Neonatal hemorrhage (772)	1	–	–	–	–	–	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	–	1	1	1	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	29	6	2	1	1	2	–	3	–	1	–
Symptoms, signs, and ill-defined conditions (780-799)	544	624	407	259	150	90	57	43	31	23	19
Sudden infant death syndrome (798.0)	477	563	358	226	129	78	39	31	21	15	7
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	67	61	49	33	21	12	18	12	10	8	12
Accidents and adverse effects (E800-E949)	46	47	33	30	42	36	32	32	34	32	23
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	10	11	8	5	4	6	4	4	6	5	4
Accidental mechanical suffocation (E913)	16	12	16	11	12	10	11	2	3	3	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	20	24	9	14	26	20	17	26	25	24	19
Homicide (E960-E969)	23	18	19	14	12	9	12	8	7	8	5
Child battering and other maltreatment (E967)	18	11	9	11	7	5	5	4	1	1	2
Other homicide (E960-E966,E968-E969)	5	7	10	3	5	4	7	4	6	7	3
All other causes (Residual)	112	83	52	42	26	37	26	22	27	15	21

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
White, both sexes - All causes	24,883	2,794	6,350	1,176	923	578	419	328	263	12,831	1,397	868	655	15,751
Certain intestinal infections (008-009)	54	-	-	-	-	-	-	-	-	-	-	1	-	1
Whooping cough (033)	8	-	-	-	-	-	-	-	-	-	-	1	-	1
Meningococcal infection (036)	37	-	-	-	-	-	-	-	-	-	-	1	1	2
Septicemia[2] (038)	156	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	105	-	2	-	1	-	-	1	2	6	16	8	6	36
Congenital syphilis (090)	3	-	2	-	-	-	-	-	-	2	-	1	-	3
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	104	2	1	-	-	-	1	1	-	5	2	3	-	10
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	69	3	1	-	-	-	-	-	-	4	2	1	2	9
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	57	6	14	-	1	2	1	-	-	24	4	4	-	32
Diseases of thymus gland (254)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	50	-	2	1	1	2	1	1	-	8	4	1	2	15
Meningitis (320-322)	111	-	-	2	-	1	2	2	-	7	8	7	10	32
Other diseases of nervous system and sense organs (323-389)	357	-	6	3	2	2	2	3	1	19	7	6	7	39
Acute upper respiratory infections (460-465)	28	1	-	-	-	-	-	-	-	1	-	2	1	4
Bronchitis and bronchiolitis (466,490-491)	66	-	-	-	-	-	-	-	-	-	-	1	1	2
Pneumonia and influenza (480-487)	375	1	16	5	4	1	3	4	2	36	19	13	9	77
Pneumonia (480-486)	368	1	16	5	4	1	3	4	2	36	18	13	9	76
Influenza (487)	7	-	-	-	-	-	-	-	-	-	1	-	-	1
Remainder of diseases of respiratory system (470-478,492-519)	251	6	13	6	2	3	-	2	1	33	9	6	6	54
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	59	4	6	2	-	-	-	-	1	13	6	-	5	24
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	69	-	-	-	2	-	1	-	2	5	5	5	1	16
Remainder of diseases of digestive system (520-534,536-543,562-579)	130	1	3	1	1	2	1	1	1	11	11	3	3	28
Congenital anomalies (740-759)	6,418	594	1,670	437	318	229	174	153	112	3,687	529	288	209	4,713
Anencephalus and similar anomalies (740)	366	124	172	20	11	8	6	3	-	344	9	3	1	357
Spina bifida (741)	65	13	21	4	1	-	-	-	-	39	2	3	2	46
Congenital hydrocephalus (742.3)	143	15	33	3	7	6	1	7	-	72	6	8	9	95
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	279	22	60	12	11	9	10	6	1	131	24	13	11	179
Congenital anomalies of heart (745-746)	2,018	18	135	93	118	106	77	72	59	678	273	129	87	1,167
Other congenital anomalies of circulatory system (747)	376	6	21	42	34	22	16	15	8	164	55	21	13	253
Congenital anomalies of respiratory system (748)	913	118	516	93	42	15	9	5	4	802	18	17	11	848
Congenital anomalies of digestive system (749-751)	102	7	11	7	2	1	1	2	3	34	9	6	10	59
Congenital anomalies of genitourinary system (752-753)	390	67	231	40	8	5	3	1	2	357	6	5	4	372
Congenital anomalies of musculoskeletal system (754-756)	420	44	155	48	14	11	6	4	4	286	29	31	14	360
Down's syndrome (758.0)	84	3	17	3	2	2	-	1	1	29	4	2	5	40
Other chromosomal anomalies (758.1-758.9)	725	47	120	36	47	29	40	30	23	372	79	38	34	523
All other and unspecified congenital anomalies (744,757,759)	537	110	178	36	21	15	5	7	7	379	15	12	8	414
Certain conditions originating in the perinatal period (760-779)	10,378	2,117	4,494	645	540	289	192	134	109	8,520	653	364	220	9,757
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	127	41	44	12	4	1	4	2	2	110	6	2	1	119
Newborn affected by maternal complications of pregnancy (761)	1,044	446	549	21	14	5	-	3	1	1,039	2	-	1	1,042
Newborn affected by complications of placenta, cord, and membranes (762)	657	269	304	22	8	9	8	3	4	627	11	11	2	651
Newborn affected by other complications of labor and delivery (763)	53	18	19	5	3	-	1	1	1	48	4	-	-	52
Slow fetal growth and fetal malnutrition (764)	19	5	2	-	1	3	-	3	-	14	1	2	-	17
Disorders relating to short gestation and unspecified low birthweight (765)	2,004	677	1,188	44	25	9	3	1	5	1,952	15	2	3	1,972
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	152	2	17	17	26	15	7	13	5	102	29	11	5	147
Intrauterine hypoxia and birth asphyxia (768)	505	86	149	40	43	19	20	11	3	371	55	24	12	462
Fetal distress in liveborn infant (768.2-768.4)	158	22	34	12	15	8	7	2	1	101	26	13	6	146
Birth asphyxia (768.5-768.9)	347	64	115	28	28	11	13	9	2	270	29	11	6	316
Respiratory distress syndrome (769)	1,798	47	687	232	196	103	54	28	38	1,385	165	87	37	1,674
Other respiratory conditions of newborn (770)	1,768	206	695	120	104	42	30	23	14	1,234	108	60	44	1,446
Infections specific to the perinatal period (771)	569	34	142	54	32	25	19	15	13	334	100	70	43	547
Neonatal hemorrhage (772)	186	7	35	18	26	17	11	12	8	134	36	9	6	185
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	28	6	9	2	3	1	-	-	1	22	1	1	1	25
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	12	2	2	1	1	1	-	-	-	7	2	1	1	11
Hemorrhagic disease of newborn (776.0)	1	-	-	-	-	-	-	-	-	-	1	-	-	1
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,455	271	652	57	54	39	35	19	14	1,141	117	84	64	1,406
Symptoms, signs, and ill-defined conditions (780-799)	4,161	26	34	10	4	7	12	5	14	112	40	97	126	375
Sudden infant death syndrome (798.0)	3,643	-	9	4	1	2	6	3	10	35	28	81	113	257
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	518	26	25	6	3	5	6	2	4	77	12	16	13	118
Accidents and adverse effects (E800-E949)	609	5	5	-	2	3	3	-	2	20	12	6	9	47
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	107	-	1	-	2	-	-	-	1	4	3	-	1	8
Accidental mechanical suffocation (E913)	143	-	-	-	-	1	1	-	-	2	4	1	1	8
Other accidental causes and adverse effects (E800-E910,E914-E949)	359	5	4	-	-	2	2	-	1	14	5	5	7	31
Homicide (E960-E969)	181	15	9	3	1	-	-	-	1	29	2	2	7	40
Child battering and other maltreatment (E967)	85	2	-	-	-	-	-	-	-	2	-	-	5	7
Other homicide (E960-E966,E968-E969)	96	13	9	3	1	-	-	-	1	27	2	2	2	33
All other causes (Residual)	1,040	13	72	61	44	37	26	21	15	289	68	47	30	434

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
White, both sexes - All causes	2,222	1,896	1,421	992	661	495	407	319	260	228	231
Certain intestinal infections (008-009)	33	6	4	3	3	-	-	1	3	-	-
Whooping cough (033)	5	1	-	1	-	-	-	-	-	-	-
Meningococcal infection (036)	3	3	4	3	7	3	4	3	2	2	1
Septicemia[2] (038)	52	29	13	18	10	6	6	10	1	7	4
Viral diseases (045-079)	10	13	11	3	5	6	4	2	6	2	7
Congenital syphilis (090)	-	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	14	11	17	17	7	8	6	8	1	2	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	12	3	7	1	4	2	6	4	4	2	15
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	4	4	1	2	1	4	3	4	1	1	-
Diseases of thymus gland (254)	-	-	1	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	1	-	2	-	-	2	-	-	1	-	-
Diseases of blood and blood-forming organs (280-289)	6	8	2	5	2	4	2	1	4	-	1
Meningitis (320-322)	8	7	6	12	4	5	8	8	8	9	4
Other diseases of nervous system and sense organs (323-389)	47	48	32	32	35	20	33	22	16	17	16
Acute upper respiratory infections (460-465)	7	2	4	7	-	-	1	1	-	1	1
Bronchitis and bronchiolitis (466,490-491)	11	13	11	13	5	3	4	-	1	3	-
Pneumonia and influenza (480-487)	67	58	57	34	18	18	11	14	5	8	8
Pneumonia (480-486)	67	57	57	34	18	17	9	13	5	7	8
Influenza (487)	-	1	-	-	-	1	2	1	-	1	-
Remainder of diseases of respiratory system (470-478,492-519)	46	35	30	28	17	11	10	5	5	6	4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	12	7	4	2	3	1	-	4	-	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	20	3	5	4	2	5	6	1	2	2	3
Remainder of diseases of digestive system (520-534,536-543,562-579)	26	16	13	5	9	8	8	6	4	5	2
Congenital anomalies (740-759)	472	267	228	165	129	106	99	70	67	46	56
Anencephalus and similar anomalies (740)	4	1	-	1	-	1	1	-	1	-	-
Spina bifida (741)	7	-	3	1	2	2	1	2	-	1	-
Congenital hydrocephalus (742.3)	10	8	4	8	3	3	6	2	4	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	21	12	13	7	10	11	7	6	3	4	6
Congenital anomalies of heart (745-746)	235	130	109	86	67	54	49	31	38	29	23
Other congenital anomalies of circulatory system (747)	35	17	21	15	11	4	3	3	6	3	5
Congenital anomalies of respiratory system (748)	20	12	7	8	5	2	1	2	4	2	2
Congenital anomalies of digestive system (749-751)	9	6	4	2	1	2	7	4	1	-	-
Congenital anomalies of genitourinary system (752-753)	4	5	5	1	-	1	-	-	-	1	1
Congenital anomalies of musculoskeletal system (754-756)	16	5	8	10	2	7	4	1	1	1	5
Down's syndrome (758.0)	7	3	8	8	5	3	1	6	1	1	1
Other chromosomal anomalies (758.1-758.9)	82	48	25	9	13	7	8	4	1	-	5
All other and unspecified congenital anomalies (744,757,759)	22	20	21	9	10	9	11	6	4	3	8
Certain conditions originating in the perinatal period (760-779)	203	81	54	58	60	49	34	28	20	14	20
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	2	1	-	3	-	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	-	1	-	1	-	-	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	2	2	-	-	2	-	-	-	-	-	-
Newborn affected by other complications of labor and delivery (763)	1	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	1	-	1	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	12	5	2	2	3	2	1	1	1	-	3
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	3	1	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	17	7	8	2	2	-	2	1	1	3	1
Fetal distress in liveborn infant (768.2-768.4)	5	2	2	-	1	-	2	-	-	-	-
Birth asphyxia (768.5-768.9)	12	5	6	2	1	-	-	1	1	3	-
Respiratory distress syndrome (769)	45	16	11	15	11	14	4	4	1	3	-
Other respiratory conditions of newborn (770)	69	39	28	34	36	31	27	18	17	8	15
Infections specific to the perinatal period (771)	14	2	1	2	1	-	-	1	-	-	1
Neonatal hemorrhage (772)	1	-	-	-	-	-	-	-	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	1	-	1	-	-	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	34	5	2	1	2	2	-	3	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	911	1,096	734	456	232	140	80	59	33	33	12
Sudden infant death syndrome (798.0)	815	1,025	660	406	203	119	62	41	25	23	7
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	96	71	74	50	29	21	18	18	8	10	5
Accidents and adverse effects (E800-E949)	67	68	64	50	55	46	44	41	43	44	40
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	11	20	11	8	8	11	1	7	9	7	6
Accidental mechanical suffocation (E913)	20	13	24	17	14	12	15	6	7	5	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	36	35	29	25	33	23	28	28	27	32	32
Homicide (E960-E969)	22	24	22	17	12	11	9	8	5	5	6
Child battering and other maltreatment (E967)	16	17	10	10	8	4	6	2	2	1	2
Other homicide (E960-E966,E968-E969)	6	7	12	7	4	7	3	6	3	4	4
All other causes (Residual)	163	93	95	56	41	37	29	19	28	18	27

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
White, male - All causes	14,371	1,523	3,633	702	534	345	263	191	146	7,337	854	492	392	9,075
Certain intestinal infections (008-009)	28	–	–	–	–	–	–	–	–	–	–	–	–	–
Whooping cough (033)	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	20	–	–	–	–	–	–	–	–	–	–	1	–	1
Septicemia[2] (038)	89	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	60	–	1	–	1	–	–	1	1	4	8	6	2	20
Congenital syphilis (090)	2	–	1	–	–	–	–	–	–	1	–	1	–	2
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	64	1	1	–	–	–	1	1	–	4	2	3	–	9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	36	1	1	–	–	–	–	–	–	2	2	1	1	6
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	25	3	6	–	1	1	1	–	–	12	3	–	–	15
Diseases of thymus gland (254)	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	4	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	28	–	–	–	1	2	1	1	–	5	4	1	1	11
Meningitis (320-322)	65	–	–	2	–	–	–	1	–	3	6	5	9	23
Other diseases of nervous system and sense organs (323-389)	211	–	5	3	1	2	1	1	1	14	2	3	3	22
Acute upper respiratory infections (460-465)	15	–	–	–	–	–	–	–	–	–	–	1	1	2
Bronchitis and bronchiolitis (466,490-491)	36	–	–	–	–	–	–	–	–	–	–	–	1	1
Pneumonia and influenza (480-487)	214	1	11	2	3	1	2	3	1	24	11	7	7	49
Pneumonia (480-486)	209	1	11	2	3	1	2	3	1	24	10	7	7	48
Influenza (487)	5	–	–	–	–	–	–	–	–	–	1	–	–	1
Remainder of diseases of respiratory system (470-478,492-519)	154	4	8	5	1	2	–	2	1	23	5	2	2	32
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	40	3	4	2	–	–	–	–	1	10	3	–	4	17
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	42	–	–	–	1	–	–	–	1	2	3	4	–	9
Remainder of diseases of digestive system (520-534,536-543,562-579)	72	1	2	1	1	1	1	–	1	8	7	1	2	18
Congenital anomalies (740-759)	3,545	302	978	256	174	142	110	91	55	2,108	317	155	117	2,697
Anencephalus and similar anomalies (740)	155	44	75	13	6	2	3	2	–	145	4	2	–	151
Spina bifida (741)	28	6	8	3	–	–	–	–	–	17	2	1	2	22
Congenital hydrocephalus (742.3)	72	4	22	–	3	4	1	4	–	38	5	3	4	50
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	135	11	25	7	8	4	5	3	–	63	12	6	5	86
Congenital anomalies of heart (745-746)	1,134	8	89	55	63	66	53	49	26	409	164	75	44	692
Other congenital anomalies of circulatory system (747)	215	4	11	26	18	13	8	10	5	95	37	10	10	152
Congenital anomalies of respiratory system (748)	562	68	317	59	26	10	3	2	3	488	11	9	8	516
Congenital anomalies of digestive system (749-751)	55	5	6	2	1	1	1	1	3	20	5	4	6	35
Congenital anomalies of genitourinary system (752-753)	267	46	166	25	3	3	3	–	1	247	4	3	3	257
Congenital anomalies of musculoskeletal system (754-756)	262	23	97	28	9	8	5	3	3	176	21	18	9	224
Down's syndrome (758.0)	45	3	9	1	1	2	–	–	–	16	1	1	3	21
Other chromosomal anomalies (758.1-758.9)	336	24	61	17	25	19	24	12	13	195	42	14	20	271
All other and unspecified congenital anomalies (744,757,759)	279	56	92	20	11	10	4	5	1	199	9	9	3	220
Certain conditions originating in the perinatal period (760-779)	5,975	1,176	2,554	386	323	161	118	74	64	4,856	413	204	136	5,609
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	74	21	25	7	3	1	2	2	1	62	4	1	1	68
Newborn affected by maternal complications of pregnancy (761)	573	237	305	10	10	5	–	3	–	570	2	–	–	572
Newborn affected by complications of placenta, cord, and membranes (762)	385	166	178	12	–	5	6	2	–	369	6	6	1	382
Newborn affected by other complications of labor and delivery (763)	33	12	12	3	2	–	1	1	–	31	2	–	–	33
Slow fetal growth and fetal malnutrition (764)	8	2	1	–	1	–	–	1	–	5	–	1	–	6
Disorders relating to short gestation and unspecified low birthweight (765)	1,134	390	662	23	15	3	2	–	2	1,097	13	2	2	1,114
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	95	2	7	11	20	7	5	6	2	60	21	7	4	92
Intrauterine hypoxia and birth asphyxia (768)	268	51	78	22	20	5	9	8	3	196	34	13	5	248
Fetal distress in liveborn infant (768.2-768.4)	69	13	10	8	4	1	2	1	1	40	16	4	3	63
Birth asphyxia (768.5-768.9)	199	38	68	14	16	4	7	7	2	156	18	9	2	185
Respiratory distress syndrome (769)	1,098	27	411	151	125	61	39	15	25	854	97	50	22	1,023
Other respiratory conditions of newborn (770)	1,044	109	404	70	61	26	20	13	7	710	68	39	30	847
Infections specific to the perinatal period (771)	325	13	76	34	17	13	10	10	9	182	65	33	30	310
Neonatal hemorrhage (772)	108	3	23	8	15	11	6	4	6	76	24	4	4	108
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	14	3	5	2	–	–	–	–	1	11	–	1	–	12
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	7	–	2	–	–	1	–	–	–	3	2	–	1	6
Hemorrhagic disease of newborn (776.0)	1	–	–	–	–	–	–	–	–	–	1	–	–	1
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	808	140	365	33	34	23	18	9	8	630	74	47	36	787
Symptoms, signs, and ill-defined conditions (780-799)	2,620	11	19	5	2	5	7	2	6	57	18	65	77	217
Sudden infant death syndrome (798.0)	2,301	–	3	1	1	–	2	2	4	13	12	54	71	150
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	319	11	16	4	1	5	5	–	2	44	6	11	6	67
Accidents and adverse effects (E800-E949)	333	2	1	–	–	2	3	–	1	9	8	2	6	25
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	57	–	–	–	–	–	–	–	–	–	2	–	–	2
Accidental mechanical suffocation (E913)	79	–	–	–	–	1	1	–	–	2	2	–	1	5
Other accidental causes and adverse effects (E800-E910,E914-E949)	197	2	1	–	–	1	2	–	1	7	4	2	5	18
Homicide (E960-E969)	103	10	4	3	–	–	–	–	1	18	1	2	3	24
Child battering and other maltreatment (E967)	41	1	–	–	–	–	–	–	–	1	–	–	1	2
Other homicide (E960-E966,E968-E969)	62	9	4	3	–	–	–	–	1	17	1	2	2	22
All other causes (Residual)	586	8	37	37	25	26	18	14	12	177	41	28	20	266

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
White, male - All causes	1,300	1,153	846	575	383	270	225	176	118	121	129
Certain intestinal infections (008-009)	16	5	1	2	1	-	-	-	3	-	-
Whooping cough (033)	2	1	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	2	2	2	2	5	1	1	2	-	1	1
Septicemia[2] (038)	26	16	8	10	8	4	4	6	1	5	1
Viral diseases (045-079)	8	9	5	2	2	5	-	1	2	2	4
Congenital syphilis (090)	-	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	12	8	10	8	3	4	3	5	-	-	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5	2	3	1	2	1	3	3	2	-	8
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	3	1	1	-	1	1	2	-	-	-
Diseases of thymus gland (254)	-	-	1	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	1	-	1	-	-	1	-	-	1	-	-
Diseases of blood and blood-forming organs (280-289)	3	4	1	3	1	2	1	1	-	-	1
Meningitis (320-322)	6	4	5	4	4	3	4	4	2	4	2
Other diseases of nervous system and sense organs (323-389)	28	30	20	18	25	10	18	14	8	14	4
Acute upper respiratory infections (460-465)	6	2	1	2	-	-	1	-	-	-	1
Bronchitis and bronchiolitis (466,490-491)	5	9	5	8	4	1	1	-	-	2	-
Pneumonia and influenza (480-487)	42	33	28	20	13	6	8	7	1	1	6
Pneumonia (480-486)	42	32	28	20	13	5	7	6	1	1	6
Influenza (487)	-	1	-	-	-	1	1	1	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	25	22	22	15	12	8	8	4	1	4	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	7	4	4	2	1	1	-	3	-	-	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	12	2	2	2	1	4	5	1	-	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	15	11	4	3	4	4	5	2	2	3	1
Congenital anomalies (740-759)	238	124	115	82	67	52	50	35	31	23	31
Anencephalus and similar anomalies (740)	2	1	-	1	-	-	-	-	-	-	-
Spina bifida (741)	3	-	1	1	1	-	-	-	-	-	-
Congenital hydrocephalus (742.3)	4	3	2	3	-	2	4	1	3	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	15	4	7	3	4	5	3	2	2	2	2
Congenital anomalies of heart (745-746)	133	63	54	39	37	29	24	17	16	17	13
Other congenital anomalies of circulatory system (747)	19	8	9	7	6	4	1	1	2	1	5
Congenital anomalies of respiratory system (748)	12	9	5	7	4	2	1	2	2	-	2
Congenital anomalies of digestive system (749-751)	4	2	2	1	-	-	4	4	3	-	-
Congenital anomalies of genitourinary system (752-753)	3	1	4	1	-	1	-	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	10	3	5	6	2	4	1	1	1	1	4
Down's syndrome (758.0)	4	3	7	3	3	1	1	2	-	-	-
Other chromosomal anomalies (758.1-758.9)	25	13	10	5	3	2	4	1	-	-	2
All other and unspecified congenital anomalies (744,757,759)	4	14	9	5	7	2	7	4	2	2	3
Certain conditions originating in the perinatal period (760-779)	115	45	32	36	36	34	17	16	12	9	14
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	1	-	-	3	-	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	-	1	-	-	-	-	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	1	1	-	-	1	-	-	-	-	-	-
Newborn affected by other complications of labor and delivery (763)	-	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	1	-	1	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	8	4	2	1	2	-	1	1	-	-	1
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	3	-	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	8	4	4	1	-	-	-	-	1	2	-
Fetal distress in liveborn infant (768.2-768.4)	5	1	-	-	-	-	-	-	-	-	-
Birth asphyxia (768.5-768.9)	3	3	4	1	-	-	-	-	1	2	-
Respiratory distress syndrome (769)	30	8	4	11	8	9	2	2	-	1	-
Other respiratory conditions of newborn (770)	37	20	18	21	20	25	14	12	11	6	13
Infections specific to the perinatal period (771)	10	2	1	1	1	-	-	-	-	-	-
Neonatal hemorrhage (772)	-	-	-	-	-	-	-	-	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	1	-	-	-	-	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	13	3	2	1	1	-	-	1	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	589	715	466	290	135	81	50	34	17	19	7
Sudden infant death syndrome (798.0)	524	672	416	259	119	65	41	23	14	15	3
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	65	43	50	31	16	16	9	11	3	4	4
Accidents and adverse effects (E800-E949)	37	36	43	27	30	23	25	24	18	22	23
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	4	13	7	5	5	6	1	4	4	3	3
Accidental mechanical suffocation (E913)	11	8	13	9	7	5	7	5	4	3	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	22	15	23	13	18	12	17	15	10	16	18
Homicide (E960-E969)	8	17	14	8	6	8	3	4	4	2	5
Child battering and other maltreatment (E967)	5	11	7	3	4	2	2	1	2	1	1
Other homicide (E960-E966,E968-E969)	3	6	7	5	2	6	1	3	2	1	4
All other causes (Residual)	91	49	52	29	23	16	17	8	13	8	14

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

(Page 11 of 18)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
White, female - All causes	10,512	1,271	2,717	474	389	233	156	137	117	5,494	543	376	263	6,676
Certain intestinal infections (008-009)	26	-	-	-	-	-	-	-	-	-	-	1	-	1
Whooping cough (033)	5	-	-	-	-	-	-	-	-	-	-	1	-	1
Meningococcal infection (036)	17	-	-	-	-	-	-	-	-	-	-	-	1	1
Septicemia[2] (038)	67	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	45	-	1	-	-	-	-	-	1	2	8	2	4	16
Congenital syphilis (090)	1	-	1	-	-	-	-	-	-	1	-	-	-	1
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	40	1	-	-	-	-	-	-	-	1	-	-	-	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	33	2	-	-	-	-	-	-	-	2	-	-	1	3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	32	3	8	-	-	1	-	-	-	12	1	4	-	17
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	22	-	2	1	-	-	-	-	-	3	-	-	1	4
Meningitis (320-322)	46	-	-	-	-	1	2	1	-	4	2	2	1	9
Other diseases of nervous system and sense organs (323-389)	146	-	1	-	1	-	1	2	-	5	5	3	4	17
Acute upper respiratory infections (460-465)	13	1	-	-	-	-	-	-	-	1	-	1	-	2
Bronchitis and bronchiolitis (466,490-491)	30	-	-	-	-	-	-	-	-	-	-	1	-	1
Pneumonia and influenza (480-487)	161	-	5	3	1	-	1	1	1	12	8	6	2	28
Pneumonia (480-486)	159	-	5	3	1	-	1	1	1	12	8	6	2	28
Influenza (487)	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	97	2	5	1	1	1	-	-	-	10	4	4	4	22
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	19	1	2	-	-	-	-	-	-	3	3	-	1	7
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	27	-	-	-	1	-	1	-	1	3	2	1	1	7
Remainder of diseases of digestive system (520-534,536-543,562-579)	58	-	1	-	-	1	-	1	-	3	4	2	1	10
Congenital anomalies (740-759)	2,873	292	692	181	144	87	64	62	57	1,579	212	133	92	2,016
Anencephalus and similar anomalies (740)	211	80	97	7	5	6	3	1	-	199	5	1	1	206
Spina bifida (741)	37	7	13	1	1	-	-	-	-	22	-	2	-	24
Congenital hydrocephalus (742.3)	71	11	11	3	4	2	-	3	-	34	1	5	5	45
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	144	11	35	5	3	5	5	3	1	68	12	7	6	93
Congenital anomalies of heart (745-746)	884	10	46	38	55	40	24	23	33	269	109	54	43	475
Other congenital anomalies of circulatory system (747)	161	2	10	16	16	9	8	5	3	69	18	11	3	101
Congenital anomalies of respiratory system (748)	351	50	199	34	16	5	6	3	1	314	7	8	3	332
Congenital anomalies of digestive system (749-751)	47	2	5	5	1	-	-	1	-	14	4	2	4	24
Congenital anomalies of genitourinary system (752-753)	123	21	65	15	5	2	-	1	1	110	2	2	1	115
Congenital anomalies of musculoskeletal system (754-756)	158	21	58	20	5	3	1	1	1	110	8	13	5	136
Down's syndrome (758.0)	39	-	8	2	1	-	-	1	1	13	3	1	2	19
Other chromosomal anomalies (758.1-758.9)	389	23	59	19	22	10	16	18	10	177	37	24	14	252
All other and unspecified congenital anomalies (744,757,759)	258	54	86	16	10	5	1	2	6	180	6	3	5	194
Certain conditions originating in the perinatal period (760-779)	4,403	941	1,940	259	217	128	74	60	45	3,664	240	160	84	4,148
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	53	20	19	5	1	-	2	-	1	48	2	1	-	51
Newborn affected by maternal complications of pregnancy (761)	471	209	244	11	4	-	-	-	1	469	-	-	1	470
Newborn affected by complications of placenta, cord, and membranes (762)	272	103	126	10	8	4	2	1	4	258	5	5	1	269
Newborn affected by other complications of labor and delivery (763)	20	6	7	2	1	-	-	-	1	17	2	-	-	19
Slow fetal growth and fetal malnutrition (764)	11	3	1	-	-	3	-	2	-	9	1	1	-	11
Disorders relating to short gestation and unspecified low birthweight (765)	870	287	526	21	10	6	1	1	3	855	2	-	1	858
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	57	-	10	6	6	8	2	7	3	42	8	4	1	55
Intrauterine hypoxia and birth asphyxia (768)	237	35	71	18	23	14	11	3	-	175	21	11	7	214
Fetal distress in liveborn infant (768.2-768.4)	89	9	24	4	11	7	5	1	-	61	10	9	3	83
Birth asphyxia (768.5-768.9)	148	26	47	14	12	7	6	2	-	114	11	2	4	131
Respiratory distress syndrome (769)	700	20	276	81	71	42	15	13	13	531	68	37	15	651
Other respiratory conditions of newborn (770)	724	97	291	50	43	16	10	10	7	524	40	21	14	599
Infections specific to the perinatal period (771)	244	21	66	20	15	12	9	5	4	152	35	37	13	237
Neonatal hemorrhage (772)	78	4	12	10	11	6	5	8	2	58	12	5	2	77
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	14	3	4	-	3	1	-	-	-	11	1	-	1	13
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	5	2	-	1	1	-	-	-	-	4	-	1	-	5
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	647	131	287	24	20	16	17	10	6	511	43	37	28	619
Symptoms, signs, and ill-defined conditions (780-799)	1,541	15	15	5	2	2	5	3	8	55	22	32	49	158
Sudden infant death syndrome (798.0)	1,342	-	6	3	-	2	4	1	6	22	16	27	42	107
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	199	15	9	2	2	-	1	2	2	33	6	5	7	51
Accidents and adverse effects (E800-E949)	276	3	4	-	2	1	-	-	1	11	4	4	3	22
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	50	-	1	-	2	-	-	-	1	4	1	-	1	6
Accidental mechanical suffocation (E913)	64	-	-	-	-	-	-	-	-	-	2	1	-	3
Other accidental causes and adverse effects (E800-E910,E914-E949)	162	3	3	-	-	1	-	-	-	7	1	3	2	13
Homicide (E960-E969)	78	5	5	-	1	-	-	-	-	11	1	-	4	16
Child battering and other maltreatment (E967)	44	1	-	-	-	-	-	-	-	1	-	-	4	5
Other homicide (E960-E966,E968-E969)	34	4	5	-	1	-	-	-	-	10	1	-	-	11
All other causes (Residual)	454	5	35	24	19	11	8	7	3	112	27	19	10	168

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
White, female - All causes	922	743	575	417	278	225	182	143	142	107	102
Certain intestinal infections (008-009)	17	1	3	1	2	-	-	1	-	-	-
Whooping cough (033)	3	-	-	1	-	-	-	-	-	-	-
Meningococcal infection (036)	1	1	2	1	2	2	3	1	2	1	-
Septicemia[2] (038)	26	13	5	8	2	2	2	4	-	2	3
Viral diseases (045-079)	2	4	6	1	3	1	4	1	4	-	3
Congenital syphilis (090)	-	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	2	3	7	9	4	4	3	3	1	2	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	7	1	4	-	2	1	3	1	2	2	7
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3	1	-	1	1	3	2	2	1	1	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	1	-	-	1	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	3	4	1	2	1	2	1	-	4	-	-
Meningitis (320-322)	2	3	1	8	-	2	4	4	6	5	2
Other diseases of nervous system and sense organs (323-389)	19	18	12	14	10	10	15	8	8	3	12
Acute upper respiratory infections (460-465)	1	-	3	5	-	-	-	1	-	1	-
Bronchitis and bronchiolitis (466,490-491)	6	4	6	5	1	2	3	-	1	1	-
Pneumonia and influenza (480-487)	25	25	29	14	5	12	3	7	4	7	2
Pneumonia (480-486)	25	25	29	14	5	12	2	7	4	6	2
Influenza (487)	-	-	-	-	-	-	1	-	-	1	-
Remainder of diseases of respiratory system (470-478,492-519)	21	13	8	13	5	3	2	1	4	2	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5	3	-	-	2	-	-	1	-	1	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	8	1	3	2	1	1	1	-	2	-	1
Remainder of diseases of digestive system (520-534,536-543,562-579)	11	5	9	2	5	4	3	4	2	2	1
Congenital anomalies (740-759)	234	143	113	83	62	54	49	35	36	23	25
Anencephalus and similar anomalies (740)	2	-	-	-	-	1	1	-	1	-	-
Spina bifida (741)	4	-	2	-	1	2	1	2	-	1	-
Congenital hydrocephalus (742.3)	6	5	2	5	3	1	2	1	1	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	6	8	6	4	6	6	4	4	1	2	4
Congenital anomalies of heart (745-746)	102	67	55	47	30	25	25	14	22	12	10
Other congenital anomalies of circulatory system (747)	16	9	12	8	5	-	2	2	4	2	-
Congenital anomalies of respiratory system (748)	8	3	2	1	1	-	-	-	2	2	-
Congenital anomalies of digestive system (749-751)	5	4	2	1	1	2	3	3	1	1	-
Congenital anomalies of genitourinary system (752-753)	1	4	1	-	-	-	-	-	-	1	1
Congenital anomalies of musculoskeletal system (754-756)	6	2	3	4	-	3	3	-	-	-	1
Down's syndrome (758.0)	3	-	1	5	2	2	-	4	1	1	1
Other chromosomal anomalies (758.1-758.9)	57	35	15	4	10	5	4	3	1	-	3
All other and unspecified congenital anomalies (744,757,759)	18	6	12	4	3	7	4	2	2	1	5
Certain conditions originating in the perinatal period (760-779)	88	36	22	22	24	15	17	12	8	5	6
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	-	1	1	-	-	-	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	-	-	-	1	-	-	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	1	1	-	-	1	-	-	-	-	-	-
Newborn affected by other complications of labor and delivery (763)	1	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	4	1	-	1	1	2	-	-	1	-	2
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	-	1	-	-	-	-	-	-	-	-	1
Intrauterine hypoxia and birth asphyxia (768)	9	3	4	1	2	-	2	1	-	1	-
Fetal distress in liveborn infant (768.2-768.4)	-	1	2	-	1	-	2	-	-	-	-
Birth asphyxia (768.5-768.9)	9	2	2	1	1	-	-	1	-	1	-
Respiratory distress syndrome (769)	15	8	7	4	3	5	2	2	1	2	-
Other respiratory conditions of newborn (770)	32	19	10	13	16	6	13	6	6	2	2
Infections specific to the perinatal period (771)	4	-	-	1	-	-	-	1	-	-	1
Neonatal hemorrhage (772)	1	-	-	-	-	-	-	-	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	-	-	-	1	-	-	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	21	2	-	-	1	2	-	2	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	322	381	268	166	97	59	30	25	16	14	5
Sudden infant death syndrome (798.0)	291	353	244	147	84	54	21	18	11	8	4
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	31	28	24	19	13	5	9	7	5	6	1
Accidents and adverse effects (E800-E949)	30	32	21	23	25	23	19	17	25	22	17
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	7	7	4	3	3	5	-	3	5	4	3
Accidental mechanical suffocation (E913)	9	5	11	8	7	7	8	1	3	2	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	14	20	6	12	15	11	11	13	17	16	14
Homicide (E960-E969)	14	7	8	9	6	3	6	4	1	3	1
Child battering and other maltreatment (E967)	11	6	3	7	4	2	4	1	-	-	1
Other homicide (E960-E966,E968-E969)	3	1	5	2	2	1	2	3	1	3	-
All other causes (Residual)	72	44	43	27	18	21	12	11	15	10	13

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

(Page 13 of 18)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
Black, both sexes - All causes	12,290	1,419	3,679	623	388	218	138	104	101	6,670	553	408	274	7,905
Certain intestinal infections (008-009)	41	–	–	–	–	–	–	–	–	–	–	–	1	1
Whooping cough (033)	3	–	1	–	–	–	–	–	–	1	–	–	–	1
Meningococcal infection (036)	11	–	–	–	–	–	–	–	–	–	–	1	1	2
Septicemia[2] (038)	100	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
Viral diseases (045-079)	41	1	2	1	–	–	–	–	–	4	7	6	1	18
Congenital syphilis (090)	22	1	8	1	4	1	1	–	–	16	3	–	–	19
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	125	–	2	–	–	–	–	–	–	2	–	1	5	8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	17	–	–	–	–	–	–	–	–	–	–	–	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	14	2	1	–	2	–	–	–	–	5	1	1	–	7
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	3	–	–	–	–	1	–	–	–	1	2	–	–	3
Diseases of blood and blood-forming organs (280-289)	24	–	1	1	1	–	–	–	–	3	4	–	1	8
Meningitis (320-322)	74	–	–	1	1	–	3	2	1	8	2	4	3	17
Other diseases of nervous system and sense organs (323-389)	91	1	1	–	–	–	–	–	–	2	3	2	1	8
Acute upper respiratory infections (460-465)	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	42	–	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia and influenza (480-487)	235	3	9	4	1	2	1	1	–	21	9	10	9	49
Pneumonia (480-486)	235	3	9	4	1	2	1	1	–	21	9	10	9	49
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	128	3	3	1	–	–	–	–	–	7	3	3	4	17
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	26	1	1	–	1	–	–	–	1	4	2	1	–	7
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	49	–	–	2	–	1	2	–	1	6	3	1	1	11
Remainder of diseases of digestive system (520-534,536-543,562-579)	53	–	1	1	–	–	1	–	–	3	3	5	2	13
Congenital anomalies (740-759)	1,530	140	351	116	73	52	46	27	28	833	117	66	46	1,062
Anencephalus and similar anomalies (740)	79	23	43	2	3	1	1	2	1	76	1	1	–	78
Spina bifida (741)	13	2	2	2	–	1	–	–	1	8	1	1	–	10
Congenital hydrocephalus (742.3)	39	5	3	2	–	1	1	2	–	14	3	–	3	20
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	65	6	13	2	3	2	1	–	1	28	6	6	3	43
Congenital anomalies of heart (745-746)	494	7	34	20	29	22	25	13	20	170	51	24	20	265
Other congenital anomalies of circulatory system (747)	114	2	11	17	11	8	5	3	1	58	19	4	5	86
Congenital anomalies of respiratory system (748)	215	30	101	30	11	4	1	1	2	180	4	4	3	191
Congenital anomalies of digestive system (749-751)	31	2	6	1	1	–	1	1	–	12	2	1	–	15
Congenital anomalies of genitourinary system (752-753)	85	12	47	6	4	1	–	–	–	70	2	2	1	75
Congenital anomalies of musculoskeletal system (754-756)	108	10	34	15	4	6	2	2	–	73	5	7	–	85
Down's syndrome (758.0)	23	2	3	1	1	–	–	–	–	7	1	1	–	9
Other chromosomal anomalies (758.1-758.9)	126	8	12	9	4	5	8	1	2	49	15	12	8	84
All other and unspecified congenital anomalies (744,757,759)	138	31	42	9	2	1	1	2	–	88	7	3	3	101
Certain conditions originating in the perinatal period (760-779)	6,688	1,226	3,241	462	279	142	69	65	63	5,547	339	229	123	6,238
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	98	22	38	5	4	2	1	–	–	72	10	2	2	86
Newborn affected by maternal complications of pregnancy (761)	571	207	324	22	6	2	–	–	2	563	3	1	1	568
Newborn affected by complications of placenta, cord, and membranes (762)	291	116	141	10	7	–	1	1	2	278	5	1	–	284
Newborn affected by other complications of labor and delivery (763)	19	5	12	–	–	1	–	–	–	18	–	1	–	19
Slow fetal growth and fetal malnutrition (764)	11	1	4	–	1	1	–	–	–	7	2	–	–	9
Disorders relating to short gestation and unspecified low birthweight (765)	1,912	497	1,259	76	20	16	6	2	1	1,877	4	4	1	1,886
Disorders relating to long gestation and high birthweight (766)	1	–	–	1	–	–	–	–	–	1	–	–	–	1
Birth trauma (767)	52	2	6	9	7	6	2	1	2	35	8	3	5	51
Intrauterine hypoxia and birth asphyxia (768)	231	49	86	17	10	10	2	4	7	185	13	8	3	209
Fetal distress in liveborn infant (768.2-768.4)	55	12	12	6	2	1	1	–	–	34	5	5	2	46
Birth asphyxia (768.5-768.9)	176	37	74	11	8	9	1	4	7	151	8	3	1	163
Respiratory distress syndrome (769)	984	32	417	132	95	44	21	16	17	774	86	40	16	916
Other respiratory conditions of newborn (770)	1,115	111	446	93	61	20	13	11	7	762	53	40	20	875
Infections specific to the perinatal period (771)	291	16	63	24	12	13	6	7	5	146	50	44	30	270
Neonatal hemorrhage (772)	111	6	12	22	14	7	5	6	2	74	18	11	6	109
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	15	–	4	1	2	–	1	1	–	9	2	1	–	12
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	1	–	–	–	–	–	–	–	1	–	–	–	1
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	985	161	429	50	40	20	11	16	18	745	85	73	39	942
Symptoms, signs, and ill-defined conditions (780-799)	2,014	29	20	9	6	4	6	2	2	78	26	54	47	205
Sudden infant death syndrome (798.0)	1,578	2	2	4	3	3	5	1	1	21	12	35	35	103
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	436	27	18	5	3	1	1	1	1	57	14	19	12	102
Accidents and adverse effects (E800-E949)	289	4	2	–	1	3	–	1	–	11	3	2	8	24
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	50	–	–	–	–	–	–	1	–	1	1	–	1	3
Accidental mechanical suffocation (E913)	90	–	–	–	–	–	–	–	–	–	2	1	4	7
Other accidental causes and adverse effects (E800-E910,E914-E949)	149	4	2	–	1	3	–	–	–	10	–	1	3	14
Homicide (E960-E969)	141	1	3	3	–	–	–	–	1	8	1	–	3	12
Child battering and other maltreatment (E967)	64	–	1	–	–	–	–	–	–	1	–	–	1	2
Other homicide (E960-E966,E968-E969)	77	1	2	3	–	–	–	–	1	7	1	–	2	10
All other causes (Residual)	526	7	32	21	19	12	9	6	4	110	25	22	17	174

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
Black, both sexes - All causes	1,051	907	615	499	333	251	208	161	154	105	101
Certain intestinal infections (008-009)	25	6	2	3	2	–	–	1	1	–	–
Whooping cough (033)	–	1	–	–	–	–	1	–	–	–	–
Meningococcal infection (036)	–	2	–	2	2	1	1	1	–	–	–
Septicemia[2] (038)	42	20	10	7	5	4	1	1	4	3	3
Viral diseases (045-079)	10	5	–	1	1	1	2	2	–	1	–
Congenital syphilis (090)	1	1	–	1	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	17	9	21	21	17	8	8	7	5	3	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2	1	1	2	1	3	–	2	2	–	2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	–	–	2	1	–	2	1	–	–	1	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	4	1	3	3	3	1	1	–	–	–	–
Meningitis (320-322)	18	8	5	8	1	6	1	3	2	4	1
Other diseases of nervous system and sense organs (323-389)	16	10	6	6	8	7	4	4	12	5	5
Acute upper respiratory infections (460-465)	–	–	2	1	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	9	6	8	5	5	2	3	2	2	–	–
Pneumonia and influenza (480-487)	32	39	31	25	14	8	13	9	6	6	3
Pneumonia (480-486)	32	39	31	25	14	8	13	9	6	6	3
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	26	23	17	15	5	5	5	5	3	4	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	3	–	2	6	2	1	1	1	1	–	2
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	11	5	9	4	4	2	–	2	1	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	5	9	6	4	5	3	6	–	1	1	–
Congenital anomalies (740-759)	108	86	54	46	46	38	31	16	18	9	16
Anencephalus and similar anomalies (740)	–	–	1	–	–	–	–	–	–	–	–
Spina bifida (741)	1	1	–	–	–	–	–	–	1	–	–
Congenital hydrocephalus (742.3)	4	2	3	3	2	3	–	1	–	1	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	7	4	2	–	3	4	1	–	–	1	–
Congenital anomalies of heart (745-746)	51	40	25	27	25	16	19	6	6	4	10
Other congenital anomalies of circulatory system (747)	7	5	5	1	5	3	1	–	–	1	–
Congenital anomalies of respiratory system (748)	6	3	2	2	3	2	–	4	2	–	–
Congenital anomalies of digestive system (749-751)	3	2	–	1	1	1	5	1	1	–	1
Congenital anomalies of genitourinary system (752-753)	1	4	3	1	–	–	–	–	1	–	–
Congenital anomalies of musculoskeletal system (754-756)	6	6	3	4	–	–	–	–	2	1	1
Down's syndrome (758.0)	2	–	3	1	1	4	1	–	1	1	–
Other chromosomal anomalies (758.1-758.9)	13	12	4	2	3	2	2	1	–	–	3
All other and unspecified congenital anomalies (744,757,759)	7	7	3	4	3	3	2	3	4	–	1
Certain conditions originating in the perinatal period (760-779)	140	65	45	41	48	26	22	24	21	9	9
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	3	1	–	1	4	1	1	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	–	–	–	–	2	–	1	–	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	4	2	–	–	1	–	–	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	–	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	1	–	–	–	–	–	–	–	–	–	1
Disorders relating to short gestation and unspecified low birthweight (765)	9	5	4	4	1	–	2	–	1	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	1	–	–	–	–	–	–	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	5	6	5	2	1	–	–	2	1	–	–
Fetal distress in liveborn infant (768.2-768.4)	2	2	1	–	1	–	–	2	1	–	–
Birth asphyxia (768.5-768.9)	3	4	4	2	–	–	–	–	–	–	–
Respiratory distress syndrome (769)	27	10	6	6	4	7	2	4	–	2	–
Other respiratory conditions of newborn (770)	49	31	23	24	32	18	14	16	18	7	8
Infections specific to the perinatal period (771)	12	1	3	–	2	–	2	–	1	–	–
Neonatal hemorrhage (772)	2	–	–	–	–	–	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	–	1	–	1	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	26	9	3	4	–	–	–	1	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	445	492	325	229	107	71	51	29	23	18	19
Sudden infant death syndrome (798.0)	378	421	258	190	83	54	36	22	13	12	8
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	67	71	67	39	24	17	15	7	10	6	11
Accidents and adverse effects (E800-E949)	34	36	21	26	27	23	20	24	19	19	16
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	6	11	5	8	3	2	5	3	2	1	1
Accidental mechanical suffocation (E913)	16	15	9	10	12	8	7	1	1	3	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	12	10	7	8	12	13	8	20	16	15	14
Homicide (E960-E969)	18	16	19	8	11	9	11	8	13	8	8
Child battering and other maltreatment (E967)	13	7	10	5	6	3	5	4	3	3	3
Other homicide (E960-E966,E968-E969)	5	9	9	3	5	6	6	4	10	5	5
All other causes (Residual)	85	66	26	34	19	30	25	20	20	14	13

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
Black, male - All causes	6,811	782	2,054	346	234	116	73	66	58	3,729	290	235	151	4,405
Certain intestinal infections (008-009)	19	-	-	-	-	-	-	-	-	-	-	-	1	1
Whooping cough (033)	1	-	1	-	-	-	-	-	-	1	-	-	-	1
Meningococcal infection (036)	6	-	-	-	-	-	-	-	-	-	-	1	-	1
Septicemia[1] (038)	55	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	24	1	2	-	-	-	-	-	-	3	3	4	-	10
Congenital syphilis (090)	13	1	3	1	3	1	-	-	-	9	1	-	-	10
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	56	-	2	-	-	-	-	-	-	2	-	1	4	7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	11	-	-	-	-	-	-	-	-	-	-	-	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6	1	1	-	2	-	-	-	-	4	-	-	-	4
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	1	-	-	-	-	-	-	-	-	-	1	-	-	1
Diseases of blood and blood-forming organs (280-289)	14	-	-	-	-	-	-	-	-	-	3	-	-	3
Meningitis (320-322)	37	-	-	-	1	-	1	1	-	3	1	2	2	8
Other diseases of nervous system and sense organs (323-389)	41	1	1	-	-	-	-	-	-	2	3	-	1	6
Acute upper respiratory infections (460-465)	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	26	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	136	1	4	3	1	2	1	-	-	12	4	5	5	26
Pneumonia (480-486)	136	1	4	3	1	2	1	-	-	12	4	5	5	26
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	73	1	2	1	-	-	-	-	-	4	1	-	2	7
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	17	-	1	-	1	-	-	-	-	2	1	1	-	4
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	27	-	-	2	-	-	2	-	1	5	1	-	1	7
Remainder of diseases of digestive system (520-534,536-543,562-579)	33	-	1	1	-	-	1	-	-	3	1	3	2	9
Congenital anomalies (740-759)	823	80	216	69	37	25	27	14	14	482	62	29	24	597
Anencephalus and similar anomalies (740)	32	9	18	-	2	1	-	-	-	30	1	1	-	32
Spina bifida (741)	10	1	1	2	-	1	-	-	1	6	-	1	-	7
Congenital hydrocephalus (742.3)	18	1	1	2	-	1	-	1	-	6	2	-	2	10
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	31	3	9	1	1	1	1	-	-	16	2	-	1	19
Congenital anomalies of heart (745-746)	260	5	18	10	14	7	15	8	10	87	27	12	14	140
Other congenital anomalies of circulatory system (747)	59	2	8	11	5	4	3	2	-	35	10	2	2	49
Congenital anomalies of respiratory system (748)	138	14	74	22	5	4	-	1	1	121	2	2	-	125
Congenital anomalies of digestive system (749-751)	15	1	4	-	-	-	1	1	-	7	-	1	-	8
Congenital anomalies of genitourinary system (752-753)	59	9	32	4	3	-	-	-	-	48	-	2	1	51
Congenital anomalies of musculoskeletal system (754-756)	54	8	21	7	3	3	-	-	-	42	4	-	-	46
Down's syndrome (758.0)	14	1	2	1	1	-	-	-	-	5	-	1	-	6
Other chromosomal anomalies (758.1-758.9)	58	4	5	5	2	3	6	1	2	28	9	5	3	45
All other and unspecified congenital anomalies (744,757,759)	75	22	23	4	1	-	1	-	-	51	5	2	1	59
Certain conditions originating in the perinatal period (760-779)	3,729	667	1,790	251	172	75	34	44	38	3,071	181	143	68	3,463
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	55	10	22	4	3	1	1	-	-	41	5	2	1	49
Newborn affected by maternal complications of pregnancy (761)	293	105	171	8	3	1	-	-	2	290	2	-	-	292
Newborn affected by complications of placenta, cord, and membranes (762)	154	54	80	6	3	-	-	1	2	146	3	1	-	150
Newborn affected by other complications of labor and delivery (763)	13	2	10	-	-	-	-	-	-	12	-	1	-	13
Slow fetal growth and fetal malnutrition (764)	7	-	3	-	-	1	-	-	-	4	1	-	-	5
Disorders relating to short gestation and unspecified low birthweight (765)	1,064	286	686	42	13	9	4	-	-	1,040	2	3	-	1,045
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	35	2	6	4	6	3	1	1	1	24	6	1	3	34
Intrauterine hypoxia and birth asphyxia (768)	135	28	49	8	8	6	1	4	3	107	6	6	1	120
Fetal distress in liveborn infant (768.2-768.4)	29	5	7	3	1	-	1	-	-	17	2	4	1	24
Birth asphyxia (768.5-768.9)	106	23	42	5	7	6	-	4	3	90	4	2	-	96
Respiratory distress syndrome (769)	593	16	257	79	61	24	8	9	14	468	48	23	10	549
Other respiratory conditions of newborn (770)	612	59	237	51	36	7	9	8	3	410	30	25	11	476
Infections specific to the perinatal period (771)	139	5	29	10	6	9	2	4	1	66	25	27	12	130
Neonatal hemorrhage (772)	65	3	6	11	8	4	2	6	2	42	11	6	4	63
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	4	-	1	-	1	-	-	1	-	3	1	-	-	4
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	1	-	-	-	-	-	-	-	1	-	-	-	1
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	559	96	233	28	24	10	6	10	10	417	41	48	26	532
Symptoms, signs, and ill-defined conditions (780-799)	1,140	20	8	6	3	3	3	2	1	46	13	32	23	114
Sudden infant death syndrome (798.0)	895	1	2	3	2	2	3	1	1	15	4	20	19	58
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	245	19	6	3	1	1	-	1	-	31	9	12	4	56
Accidents and adverse effects (E800-E949)	157	3	1	-	1	2	-	1	-	8	2	2	1	13
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	30	-	-	-	-	-	-	1	-	1	1	-	1	3
Accidental mechanical suffocation (E913)	53	-	-	-	-	-	-	-	-	-	1	1	-	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	74	3	1	-	1	2	-	-	-	7	-	1	-	8
Homicide (E960-E969)	69	1	2	2	-	-	-	-	1	6	-	-	3	9
Child battering and other maltreatment (E967)	29	-	-	-	-	-	-	-	-	-	-	-	1	1
Other homicide (E960-E966,E968-E969)	40	1	2	2	-	-	-	-	1	6	-	-	2	8
All other causes (Residual)	294	5	19	10	13	8	4	4	3	66	12	12	13	103

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

(Page 16 of 18)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
Black, male - All causes	573	490	361	310	176	130	103	80	77	55	51
Certain intestinal infections (008-009)	11	1	1	3	1	-	-	1	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	1	2	-	1	1	-	-	-
Septicemia[2] (038)	22	12	8	5	1	1	-	-	4	1	1
Viral diseases (045-079)	6	2	-	-	1	1	2	1	-	1	-
Congenital syphilis (090)	1	1	-	1	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	8	5	9	9	4	5	4	3	1	1	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	-	1	1	1	1	3	-	2	-	-	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	-	-	1	1	-	-	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	2	1	1	3	3	1	-	-	-	-	-
Meningitis (320-322)	8	2	4	5	-	3	1	1	1	3	1
Other diseases of nervous system and sense organs (323-389)	9	3	3	5	1	3	1	2	6	1	1
Acute upper respiratory infections (460-465)	-	-	2	1	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	8	3	3	2	3	1	2	2	2	-	-
Pneumonia and influenza (480-487)	21	25	17	18	7	4	6	5	1	4	2
Pneumonia (480-486)	21	25	17	18	7	4	6	5	1	4	2
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	19	12	8	10	3	2	4	2	2	2	2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	3	-	1	4	2	-	1	-	1	-	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	5	1	4	3	3	1	-	2	1	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	3	6	3	3	3	2	4	-	-	-	-
Congenital anomalies (740-759)	50	45	29	18	24	17	16	6	10	4	7
Anencephalus and similar anomalies (740)	-	-	-	-	-	-	-	-	-	-	-
Spina bifida (741)	1	1	-	-	-	-	-	-	1	-	-
Congenital hydrocephalus (742.3)	1	2	2	1	-	1	-	-	-	1	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	4	1	1	-	2	3	1	-	-	-	-
Congenital anomalies of heart (745-746)	24	23	14	12	14	10	10	4	3	1	5
Other congenital anomalies of circulatory system (747)	3	4	-	-	3	-	-	-	-	-	-
Congenital anomalies of respiratory system (748)	3	3	1	2	1	-	-	2	1	-	-
Congenital anomalies of digestive system (749-751)	1	1	-	-	1	-	3	-	1	-	-
Congenital anomalies of genitourinary system (752-753)	1	4	2	-	-	-	-	-	1	-	-
Congenital anomalies of musculoskeletal system (754-756)	-	2	2	1	-	-	-	-	1	1	1
Down's syndrome (758.0)	1	-	3	-	1	2	-	-	-	1	-
Other chromosomal anomalies (758.1-758.9)	8	3	1	1	-	-	-	-	-	-	-
All other and unspecified congenital anomalies (744,757,759)	3	1	3	1	2	1	2	-	2	-	1
Certain conditions originating in the perinatal period (760-779)	84	37	27	28	30	14	10	12	12	5	7
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	1	-	-	2	1	1	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	-	-	-	-	1	-	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	3	-	-	-	1	-	-	-	-	-	-
Newborn affected by other complications of labor and delivery (763)	-	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	1	-	-	-	-	-	-	-	-	-	1
Disorders relating to short gestation and unspecified low birthweight (765)	6	4	3	3	1	-	1	-	1	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	-	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	3	3	4	2	1	-	-	1	1	-	-
Fetal distress in liveborn infant (768.2-768.4)	1	-	1	-	1	-	-	1	1	-	-
Birth asphyxia (768.5-768.9)	2	3	3	2	-	-	-	-	-	-	-
Respiratory distress syndrome (769)	16	6	5	5	3	3	2	2	-	2	-
Other respiratory conditions of newborn (770)	26	18	14	15	21	10	5	9	9	3	6
Infections specific to the perinatal period (771)	7	-	-	-	-	-	1	-	1	-	-
Neonatal hemorrhage (772)	2	-	-	-	-	-	-	-	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	-	-	-	-	-	-	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	18	5	1	3	-	-	-	-	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	237	274	203	146	58	43	26	14	11	9	5
Sudden infant death syndrome (798.0)	204	234	160	119	42	33	19	11	5	5	5
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	33	40	43	27	16	10	7	3	6	4	-
Accidents and adverse effects (E800-E949)	18	24	11	19	13	11	8	9	10	11	10
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3	8	2	6	2	2	1	2	1	-	-
Accidental mechanical suffocation (E913)	9	9	5	7	7	5	4	-	1	3	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	6	7	4	6	4	4	3	7	8	8	9
Homicide (E960-E969)	9	5	8	3	5	3	5	6	7	4	5
Child battering and other maltreatment (E967)	6	2	4	1	3	-	4	2	2	2	2
Other homicide (E960-E966,E968-E969)	3	3	4	2	2	3	1	4	5	2	3
All other causes (Residual)	49	30	17	21	11	15	12	11	8	9	8

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

(Page 17 of 18)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	Total	Under 1 hour	1-23 hours	1 day	2 days	3 days	4 days	5 days	6 days	Under 7 days	7-13 days	14-20 days	21-27 days	Under 28 days
Black, female - All causes	5,479	637	1,625	277	154	102	65	38	43	2,941	263	173	123	3,500
Certain intestinal infections (008-009)	22	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	5	-	-	-	-	-	-	-	-	-	-	-	1	1
Septicemia[2] (038)	45	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	17	-	-	1	-	-	-	-	-	1	4	2	1	8
Congenital syphilis (090)	9	-	5	-	1	-	1	-	-	7	2	-	-	9
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	69	-	-	-	-	-	-	-	-	-	-	-	1	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	8	1	-	-	-	-	-	-	-	1	1	1	-	3
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	2	-	-	-	-	1	-	-	-	1	1	-	-	2
Diseases of blood and blood-forming organs (280-289)	10	-	1	1	1	-	-	-	-	3	1	-	1	5
Meningitis (320-322)	37	-	-	1	-	-	2	1	1	5	1	2	1	9
Other diseases of nervous system and sense organs (323-389)	50	-	-	-	-	-	-	-	-	-	-	2	-	2
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	16	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	99	2	5	1	-	-	-	1	-	9	5	5	4	23
Pneumonia (480-486)	99	2	5	1	-	-	-	1	-	9	5	5	4	23
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	55	2	1	-	-	-	-	-	-	3	2	3	2	10
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	9	1	-	-	-	-	-	-	1	2	1	-	-	3
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	22	-	-	-	-	1	-	-	-	1	2	1	-	4
Remainder of diseases of digestive system (520-534,536-543,562-579)	20	-	-	-	-	-	-	-	-	-	2	2	-	4
Congenital anomalies (740-759)	707	60	135	47	36	27	19	13	14	351	55	37	22	465
Anencephalus and similar anomalies (740)	47	14	25	2	1	-	1	2	1	46	-	-	-	46
Spina bifida (741)	3	1	1	-	-	-	-	-	-	2	1	-	-	3
Congenital hydrocephalus (742.3)	21	4	2	-	-	-	1	1	-	8	1	-	1	10
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	34	3	4	1	2	1	-	-	1	12	4	6	2	24
Congenital anomalies of heart (745-746)	234	2	16	10	15	15	10	5	10	83	24	12	6	125
Other congenital anomalies of circulatory system (747)	55	-	3	6	6	4	2	1	1	23	9	2	3	37
Congenital anomalies of respiratory system (748)	77	16	27	8	6	-	1	-	1	59	2	2	3	66
Congenital anomalies of digestive system (749-751)	16	1	2	1	1	-	-	-	-	5	2	-	-	7
Congenital anomalies of genitourinary system (752-753)	26	3	15	2	1	1	-	-	-	22	2	-	-	24
Congenital anomalies of musculoskeletal system (754-756)	54	2	13	8	1	3	2	2	-	31	1	7	-	39
Down's syndrome (758.0)	9	1	1	-	-	-	-	-	-	2	1	-	-	3
Other chromosomal anomalies (758.1-758.9)	68	4	7	4	2	2	2	-	-	21	6	7	5	39
All other and unspecified congenital anomalies (744,757,759)	63	9	19	5	1	1	-	2	-	37	2	1	2	42
Certain conditions originating in the perinatal period (760-779)	2,959	559	1,451	211	107	67	35	21	25	2,476	158	86	55	2,775
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	43	12	16	1	1	1	-	-	-	31	5	-	1	37
Newborn affected by maternal complications of pregnancy (761)	278	102	153	14	3	1	-	-	-	273	1	1	1	276
Newborn affected by complications of placenta, cord, and membranes (762)	137	62	61	4	4	-	1	-	-	132	2	-	-	134
Newborn affected by other complications of labor and delivery (763)	6	3	2	-	-	1	-	-	-	6	-	-	-	6
Slow fetal growth and fetal malnutrition (764)	4	1	1	-	1	-	-	-	-	3	1	-	-	4
Disorders relating to short gestation and unspecified low birthweight (765)	848	211	573	34	7	7	2	2	1	837	2	1	1	841
Disorders relating to long gestation and high birthweight (766)	1	-	-	1	-	-	-	-	-	1	-	-	-	1
Birth trauma (767)	17	-	-	5	1	3	1	-	1	11	2	2	2	17
Intrauterine hypoxia and birth asphyxia (768)	96	21	37	9	2	4	1	-	4	78	7	2	2	89
Fetal distress in liveborn infant (768.2-768.4)	26	7	5	3	1	1	-	-	-	17	3	1	1	22
Birth asphyxia (768.5-768.9)	70	14	32	6	1	3	1	-	4	61	4	1	1	67
Respiratory distress syndrome (769)	391	16	160	53	34	20	13	7	3	306	38	17	6	367
Other respiratory conditions of newborn (770)	503	52	209	42	25	13	4	3	4	352	23	15	9	399
Infections specific to the perinatal period (771)	152	11	34	14	6	4	4	3	4	80	25	17	18	140
Neonatal hemorrhage (772)	46	3	6	11	6	3	3	-	-	32	7	5	2	46
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	11	-	3	1	1	-	1	-	-	6	1	1	-	8
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	426	65	196	22	16	10	5	6	8	328	44	25	13	410
Symptoms, signs, and ill-defined conditions (780-799)	874	9	12	3	3	1	3	-	1	32	13	22	24	91
Sudden infant death syndrome (798.0)	683	1	-	1	1	1	2	-	-	6	8	15	16	45
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	191	8	12	2	2	-	1	-	1	26	5	7	8	46
Accidents and adverse effects (E800-E949)	132	1	1	-	-	1	-	-	-	3	1	-	7	11
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental mechanical suffocation (E913)	37	-	-	-	-	-	-	-	-	-	1	-	4	5
Other accidental causes and adverse effects (E800-E910,E914-E949)	75	1	1	-	-	1	-	-	-	3	-	-	3	6
Homicide (E960-E969)	72	-	1	1	-	-	-	-	-	2	1	-	-	3
Child battering and other maltreatment (E967)	35	-	1	-	-	-	-	-	-	1	-	-	-	1
Other homicide (E960-E966,E968-E969)	37	-	-	1	-	-	-	-	-	1	1	-	-	2
All other causes (Residual)	232	2	13	11	6	4	5	2	1	44	13	10	4	71

Table 2-17. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1990—Con.

(Page 18 of 18)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death, race, and sex	28-59 days	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months
Black, female - All causes	478	417	254	189	157	121	105	81	77	50	50
Certain intestinal infections (008-009)	14	5	1	–	1	–	–	–	1	–	–
Whooping cough (033)	–	1	–	–	–	–	1	–	–	–	–
Meningococcal infection (036)	–	2	–	1	–	1	–	–	–	–	–
Septicemia[2] (038)	20	8	2	2	4	3	1	1	–	2	2
Viral diseases (045-079)	4	3	–	1	–	–	–	1	–	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	9	4	12	12	13	3	4	4	4	2	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2	–	–	1	–	–	–	–	2	–	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	–	–	1	–	–	2	1	–	–	1	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	2	–	2	–	–	–	1	–	–	–	–
Meningitis (320-322)	10	6	1	3	1	3	–	2	1	1	–
Other diseases of nervous system and sense organs (323-389)	7	7	3	1	7	4	3	2	6	4	4
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	1	3	5	3	2	1	1	–	–	–	–
Pneumonia and influenza (480-487)	11	14	14	7	7	4	7	4	5	2	1
Pneumonia (480-486)	11	14	14	7	7	4	7	4	5	2	1
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	7	11	9	5	2	3	1	3	1	2	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	–	–	1	2	–	1	–	1	–	–	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	6	4	5	1	1	1	–	–	–	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	2	3	3	1	2	1	2	–	1	1	–
Congenital anomalies (740-759)	58	41	25	28	22	21	15	10	8	5	9
Anencephalus and similar anomalies (740)	–	–	1	–	–	–	–	–	–	–	–
Spina bifida (741)	–	–	–	–	–	–	–	–	–	–	–
Congenital hydrocephalus (742.3)	3	–	1	2	2	2	–	1	–	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	3	3	1	–	1	1	–	–	–	1	–
Congenital anomalies of heart (745-746)	27	17	11	15	11	6	9	2	3	3	5
Other congenital anomalies of circulatory system (747)	4	1	5	1	2	3	1	–	–	1	–
Congenital anomalies of respiratory system (748)	3	–	1	–	2	2	–	2	1	–	–
Congenital anomalies of digestive system (749-751)	2	1	–	1	–	1	2	1	–	–	1
Congenital anomalies of genitourinary system (752-753)	–	–	1	1	–	–	–	–	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	6	4	1	3	–	–	–	–	1	–	–
Down's syndrome (758.0)	1	–	–	1	–	2	1	–	1	–	–
Other chromosomal anomalies (758.1-758.9)	5	9	3	1	3	2	2	1	–	–	3
All other and unspecified congenital anomalies (744,757,759)	4	6	–	3	1	2	–	3	2	–	–
Certain conditions originating in the perinatal period (760-779)	56	28	18	13	18	12	12	12	9	4	2
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	–	–	1	2	–	–	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	–	–	–	–	1	–	1	–	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	1	2	–	–	–	–	–	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	–	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	3	1	1	1	–	–	1	–	–	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	–	–	–	–	–	–	–	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	2	3	1	–	–	–	–	1	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	1	2	–	–	–	–	–	1	–	–	–
Birth asphyxia (768.5-768.9)	1	1	1	–	–	–	–	–	–	–	–
Respiratory distress syndrome (769)	11	4	1	1	1	4	–	2	–	–	–
Other respiratory conditions of newborn (770)	23	13	9	9	11	8	9	7	9	4	2
Infections specific to the perinatal period (771)	5	1	3	–	2	–	1	–	–	–	–
Neonatal hemorrhage (772)	–	–	–	–	–	–	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	–	1	–	1	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	8	4	2	1	–	–	–	1	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	208	218	122	83	49	28	25	15	12	9	14
Sudden infant death syndrome (798.0)	174	187	98	71	41	21	17	11	8	7	3
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	34	31	24	12	8	7	8	4	4	2	11
Accidents and adverse effects (E800-E949)	16	12	10	7	14	12	12	15	9	8	6
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3	3	3	2	1	–	4	1	1	1	1
Accidental mechanical suffocation (E913)	7	6	4	3	5	3	3	1	–	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	6	3	3	2	8	9	5	13	8	7	5
Homicide (E960-E969)	9	11	11	5	6	6	6	2	6	4	3
Child battering and other maltreatment (E967)	7	5	6	4	3	3	1	2	1	1	1
Other homicide (E960-E966,E968-E969)	2	6	5	1	3	3	5	–	5	3	2
All other causes (Residual)	36	36	9	13	8	15	13	9	12	5	5

[1] Includes races other than white and black.

[2] Infant deaths under 28 days due to septicemia are assigned to Other infection specific to the perinatal period, category number 771.8, which is included in Infections specific to the perinatal period, category 771 of the Ninth Revision International Classification of Diseases, 1975.

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987, includes category numbers *042-*044; see Technical Appendix]

Cause of death	United States									Alabama						
	Infant, All races	Neonatal				Postneonatal				Infant, All races	Neonatal			Postneonatal		
		All races	White	All other		All races	White	All other			White	All other		White	All other	
				Total	Black			Total	Black			Total	Black		Total	Black
All causes	38,351	24,309	15,751	8,558	7,905	14,042	9,132	4,910	4,385	688	234	228	228	104	122	122
Certain intestinal infections (008-009)	98	2	1	1	1	96	53	43	40	–	–	–	–	–	–	–
Whooping cough (033)	11	2	1	1	1	9	7	2	2	–	–	–	–	–	–	–
Meningococcal infection (036)	50	4	2	2	2	46	35	11	9	–	–	–	–	–	–	–
Septicemia[1] (038)	267	. . .	. . .	. . .	. . .	267	156	111	100	4	. . .	. . .	. . .	3	1	1
Viral diseases (045-079)	157	55	36	19	18	102	69	33	23	4	–	3	3	–	1	1
Congenital syphilis (090)	25	22	3	19	19	3	–	3	3	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	232	18	10	8	8	214	94	120	117	2	–	–	–	–	2	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	90	10	9	1	1	80	60	20	16	2	–	–	–	1	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	71	39	32	7	7	32	25	7	7	1	–	–	–	1	–	–
Diseases of thymus gland (254)	2	–	–	–	–	2	1	1	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	9	3	–	3	3	6	6	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	83	28	15	13	8	55	35	20	16	1	–	–	–	1	–	–
Meningitis (320-322)	197	51	32	19	17	146	79	67	57	1	–	–	–	–	1	1
Other diseases of nervous system and sense organs (323-389)	462	49	39	10	8	413	318	95	83	8	–	–	–	4	4	4
Acute upper respiratory infections (460-465)	33	5	4	1	–	28	24	4	3	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	114	4	2	2	–	110	64	46	42	1	–	–	–	–	1	1
Pneumonia and influenza (480-487)	634	132	77	55	49	502	298	204	186	8	1	2	2	1	4	4
Pneumonia (480-486)	627	131	76	55	49	496	292	204	186	8	1	2	2	1	4	4
Influenza (487)	7	1	1	–	–	6	6	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	390	71	54	17	17	319	197	122	111	9	2	2	2	–	5	5
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	87	31	24	7	7	56	35	21	19	1	–	–	–	1	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	126	31	16	15	11	95	53	42	38	2	–	–	–	–	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	185	41	28	13	13	144	102	42	40	5	2	–	–	–	3	3
Congenital anomalies (740-759)	8,239	5,980	4,713	1,267	1,062	2,259	1,705	554	468	119	60	33	33	17	9	9
Anencephalus and similar anomalies (740)	470	459	357	102	78	11	9	2	1	3	3	–	–	–	–	–
Spina bifida (741)	80	57	46	11	10	23	19	4	3	–	–	–	–	–	–	–
Congenital hydrocephalus (742.3)	189	119	95	24	20	70	48	22	19	1	1	–	–	–	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	357	231	179	52	43	126	100	26	22	4	1	–	–	3	–	–
Congenital anomalies of heart (745-746)	2,601	1,484	1,167	317	265	1,117	851	266	229	45	18	12	12	8	7	7
Other congenital anomalies of circulatory system (747)	509	351	253	98	86	158	123	35	28	11	5	2	2	3	1	1
Congenital anomalies of respiratory system (748)	1,162	1,069	848	221	191	93	65	28	24	19	13	6	6	–	–	–
Congenital anomalies of digestive system (749-751)	143	79	59	20	15	64	43	21	16	1	–	1	1	–	–	–
Congenital anomalies of genitourinary system (752-753)	485	457	372	85	75	28	18	10	10	10	7	3	3	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	544	457	360	97	85	87	60	27	23	7	4	2	2	1	–	–
Down's syndrome (758.0)	111	51	40	11	9	60	44	16	14	1	–	1	1	–	–	–
Other chromosomal anomalies (758.1-758.9)	885	626	523	103	84	259	202	57	42	8	5	3	3	–	–	–
All other and unspecified congenital anomalies (744,757,759)	703	540	414	126	101	163	123	40	37	9	3	3	3	2	1	1
Certain conditions originating in the perinatal period (760-779)	17,482	16,382	9,757	6,625	6,238	1,100	621	479	450	344	155	174	174	6	9	9
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	227	207	119	88	86	20	8	12	12	2	1	1	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	1,655	1,650	1,042	608	568	5	2	3	3	20	12	8	8	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	975	962	651	311	284	13	6	7	7	9	3	5	5	–	1	1
Newborn affected by other complications of labor and delivery (763)	74	72	52	20	19	2	1	1	–	2	–	2	2	–	–	–
Slow fetal growth and fetal malnutrition (764)	30	26	17	9	9	4	2	2	2	1	1	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	4,013	3,955	1,972	1,983	1,886	58	32	26	26	89	30	56	56	–	3	3
Disorders relating to long gestation and high birthweight (766)	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	207	201	147	54	51	6	5	1	1	3	3	–	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	762	693	462	231	209	69	43	26	22	15	5	8	8	1	1	1
Fetal distress in liveborn infant (768.2-768.4)	222	200	146	54	46	22	12	10	9	4	2	1	1	1	–	–
Birth asphyxia (768.5-768.9)	540	493	316	177	163	47	31	16	13	11	3	7	7	–	1	1
Respiratory distress syndrome (769)	2,850	2,651	1,674	977	916	199	124	75	68	80	43	34	34	1	2	2
Other respiratory conditions of newborn (770)	2,957	2,384	1,446	938	875	573	322	251	240	56	26	27	27	3	–	–
Infections specific to the perinatal period (771)	875	829	547	282	270	46	22	24	21	24	15	9	9	–	–	–
Neonatal hemorrhage (772)	305	301	185	116	109	4	1	3	2	7	1	6	6	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	44	38	25	13	12	6	3	3	3	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	13	12	11	1	1	1	1	–	–	1	1	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	1	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,493	2,399	1,406	993	942	94	49	45	43	35	14	18	18	1	2	2
Symptoms, signs, and ill-defined conditions (780-799)	6,409	596	375	221	205	5,813	3,786	2,027	1,809	116	7	7	7	49	53	53
Sudden infant death syndrome (798.0)	5,417	367	257	110	103	5,050	3,386	1,664	1,475	92	7	4	4	42	39	39
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	992	229	118	111	102	763	400	363	334	24	–	3	3	7	14	14
Accidents and adverse effects (E800-E949)	930	73	47	26	24	857	562	295	265	19	–	–	–	10	9	9
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	165	11	8	3	3	154	99	55	47	4	–	–	–	3	1	1
Accidental mechanical suffocation (E913)	240	16	8	8	7	224	135	89	83	4	–	–	–	3	1	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	525	46	31	15	14	479	328	151	135	11	–	–	–	4	7	7
Homicide (E960-E969)	332	52	40	12	12	280	141	139	129	3	1	–	–	1	1	1
Child battering and other maltreatment (E967)	153	9	7	2	2	144	78	66	62	1	–	–	–	1	–	–
Other homicide (E960-E966,E968-E969)	179	43	33	10	10	136	63	73	67	2	1	–	–	–	1	1
All other causes (Residual)	1,636	628	434	194	174	1,008	606	402	352	38	6	7	7	9	16	16

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.
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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Alaska							Arizona						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	125	32	29	4	33	31	4	610	306	71	32	171	62	21
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Whooping cough (033)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia[1] (038)	1	...	...	...	1	-	-	4	...	...	...	2	2	1
Viral diseases (045-079)	1	-	-	-	-	1	-	6	2	-	-	2	2	-
Congenital syphilis (090)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	-	-	-	-	-	-	-	2	-	-	-	-	2	-
Meningitis (320-322)	2	-	-	-	1	1	-	7	-	-	-	6	1	-
Other diseases of nervous system and sense organs (323-389)	2	-	-	-	2	-	-	6	1	-	-	4	1	-
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	2	-	-	-	-	2	1	3	-	1	-	2	-	-
Pneumonia and influenza (480-487)	3	-	1	-	-	2	-	11	1	1	1	6	3	1
Pneumonia (480-486)	3	-	1	-	-	2	-	11	1	1	1	6	3	1
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	-	-	-	-	-	-	-	4	-	-	-	4	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	-	-	-	-	-	-	2	1	-	-	1	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	1	-	-	-	1	-	-	1	-	-	-	-	1	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	1	-	-	-	1	-	-	1	1	-	-	-	-	-
Congenital anomalies (740-759)	27	12	8	1	5	2	-	166	114	21	4	25	6	3
Anencephalus and similar anomalies (740)	1	1	-	-	-	-	-	8	8	-	-	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Congenital hydrocephalus (742.3)	-	-	-	-	-	-	-	4	2	1	-	1	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	-	1	1	-	1	-	5	3	1	-	1	-	-
Congenital anomalies of heart (745-746)	6	3	2	-	1	-	-	56	31	7	1	14	4	2
Other congenital anomalies of circulatory system (747)	1	-	-	-	1	-	-	4	3	-	-	1	-	-
Congenital anomalies of respiratory system (748)	4	1	2	-	1	-	-	30	24	4	-	1	1	-
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	3	2	-	-	1	-	-
Congenital anomalies of genitourinary system (752-753)	2	2	-	-	-	-	-	6	5	1	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	2	1	1	-	-	-	-	16	12	4	1	-	-	-
Down's syndrome (758.0)	1	-	-	-	-	1	-	1	1	-	-	-	-	-
Other chromosomal anomalies (758.1-758.9)	6	3	1	-	2	-	-	16	9	3	2	3	1	1
All other and unspecified congenital anomalies (744,757,759)	2	1	1	-	-	-	-	16	14	-	-	2	-	-
Certain conditions originating in the perinatal period (760-779)	31	16	15	2	-	-	-	231	171	44	26	8	8	6
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	3	1	2	1	-	-	-	25	22	3	1	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	2	1	1	-	-	-	-	14	12	2	1	-	-	-
Newborn affected by other complications of labor and delivery (763)	-	-	-	-	-	-	-	2	1	1	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	5	1	4	1	-	-	-	53	42	10	4	1	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	4	2	2	-	-	-	-	8	8	-	-	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	2	1	1	-	-	-	-	1	1	-	-	-	-	-
Birth asphyxia (768.5-768.9)	2	1	1	-	-	-	-	7	7	-	-	-	-	-
Respiratory distress syndrome (769)	8	6	2	-	-	-	-	20	17	2	1	-	1	-
Other respiratory conditions of newborn (770)	5	2	3	-	-	-	-	58	33	13	11	6	6	5
Infections specific to the perinatal period (771)	2	1	1	-	-	-	-	11	9	2	1	-	-	-
Neonatal hemorrhage (772)	1	1	-	-	-	-	-	5	4	1	-	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1	1	-	-	-	-	-	32	20	10	7	1	1	1
Symptoms, signs, and ill-defined conditions (780-799)	33	1	1	-	18	13	2	105	5	2	1	75	23	8
Sudden infant death syndrome (798.0)	31	1	1	-	17	12	2	95	4	-	-	70	21	8
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	2	-	-	-	1	1	-	10	1	2	1	5	2	-
Accidents and adverse effects (E800-E949)	6	-	1	-	1	4	-	26	2	-	-	18	6	2
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	10	1	-	-	5	4	1
Accidental mechanical suffocation (E913)	3	-	1	-	-	2	-	3	-	-	-	3	-	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	3	-	-	-	1	2	-	13	1	-	-	10	2	1
Homicide (E960-E969)	2	1	-	-	1	-	-	5	-	-	-	5	-	-
Child battering and other maltreatment (E967)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Other homicide (E960-E966,E968-E969)	2	1	-	-	1	-	-	3	-	-	-	3	-	-
All other causes (Residual)	13	2	3	1	2	6	1	22	6	2	-	8	6	-

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.
(Page 3 of 26)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Arkansas							California						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	336	124	71	70	93	48	48	4,844	2,310	656	496	1,402	476	329
Certain intestinal infections (008-009)	3	–	–	–	2	1	1	16	–	–	–	13	3	1
Whooping cough (033)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Meningococcal infection (036)	2	–	–	–	2	–	–	13	–	1	1	10	2	1
Septicemia[1] (038)	5	...	...	...	3	2	2	20	...	...	...	17	3	3
Viral diseases (045-079)	3	1	–	–	2	–	–	24	5	–	–	14	5	1
Congenital syphilis (090)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	1	–	–	–	–	1	1	24	–	1	1	15	8	7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	–	–	–	–	–	–	–	7	–	–	–	6	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	–	–	–	1	–	–	12	6	1	1	5	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Diseases of blood and blood-forming organs (280-289)	2	1	–	–	1	–	–	12	4	5	2	2	1	1
Meningitis (320-322)	4	2	–	–	1	1	1	28	5	2	1	16	5	3
Other diseases of nervous system and sense organs (323-389)	5	–	1	1	4	–	–	47	5	–	–	32	10	6
Acute upper respiratory infections (460-465)	1	1	–	–	–	–	–	5	–	–	–	5	–	–
Bronchitis and bronchiolitis (466,490-491)	3	–	–	–	–	3	3	19	–	–	–	15	4	3
Pneumonia and influenza (480-487)	5	1	1	1	3	–	–	102	14	5	2	61	22	16
Pneumonia (480-486)	5	1	1	1	3	–	–	100	14	5	2	59	22	16
Influenza (487)	–	–	–	–	–	–	–	2	–	–	–	2	–	–
Remainder of diseases of respiratory system (470-478,492-519)	–	–	–	–	–	–	–	83	8	–	–	51	24	18
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	–	–	–	–	1	1	9	2	–	–	3	4	2
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2	–	–	–	–	2	2	11	2	1	–	5	3	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	1	–	–	–	1	–	–	20	5	1	1	9	5	4
Congenital anomalies (740-759)	71	40	15	15	12	4	4	1,161	690	129	76	273	69	36
Anencephalus and similar anomalies (740)	–	–	–	–	–	–	–	99	85	13	5	1	–	–
Spina bifida (741)	–	–	–	–	–	–	–	13	11	1	–	1	–	–
Congenital hydrocephalus (742.3)	1	–	–	–	–	1	1	34	16	5	4	9	4	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	5	2	2	2	1	–	–	71	30	3	2	29	9	8
Congenital anomalies of heart (745-746)	20	7	5	5	7	1	1	338	149	31	20	131	27	15
Other congenital anomalies of circulatory system (747)	2	–	2	2	–	–	–	70	32	9	5	25	4	1
Congenital anomalies of respiratory system (748)	13	10	3	3	–	–	–	146	111	19	13	11	5	3
Congenital anomalies of digestive system (749-751)	3	3	–	–	–	–	–	23	9	2	–	10	2	2
Congenital anomalies of genitourinary system (752-753)	10	8	2	2	–	–	–	49	40	5	4	4	–	–
Congenital anomalies of musculoskeletal system (754-756)	6	4	–	–	2	–	–	73	60	7	6	4	2	–
Down's syndrome (758.0)	1	1	–	–	–	–	–	14	4	2	1	8	–	–
Other chromosomal anomalies (758.1-758.9)	8	4	1	1	1	2	2	130	77	20	8	23	10	3
All other and unspecified congenital anomalies (744,757,759)	2	1	–	–	1	–	–	101	66	12	8	17	6	3
Certain conditions originating in the perinatal period (760-779)	130	73	51	51	3	3	3	2,033	1,431	480	387	89	33	24
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	–	1	1	–	–	–	41	29	9	9	3	–	–
Newborn affected by maternal complications of pregnancy (761)	5	4	1	1	–	–	–	164	118	45	40	–	1	1
Newborn affected by complications of placenta, cord, and membranes (762)	10	5	5	5	–	–	–	108	88	19	14	1	–	–
Newborn affected by other complications of labor and delivery (763)	–	–	–	–	–	–	–	11	8	1	1	1	1	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	15	9	5	5	–	1	1	336	236	93	72	5	2	2
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	1	1	–	–	–	–	–	21	18	3	3	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	5	2	3	3	–	–	–	114	85	18	13	9	2	–
Fetal distress in liveborn infant (768.2-768.4)	2	1	1	1	–	–	–	40	28	6	4	5	1	–
Birth asphyxia (768.5-768.9)	3	1	2	2	–	–	–	74	57	12	9	4	1	–
Respiratory distress syndrome (769)	42	25	17	17	–	–	–	344	240	81	66	19	4	3
Other respiratory conditions of newborn (770)	27	14	9	9	2	2	2	365	230	74	59	42	19	15
Infections specific to the perinatal period (771)	12	7	5	5	–	–	–	87	60	19	17	4	4	3
Neonatal hemorrhage (772)	2	2	–	–	–	–	–	34	30	4	2	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	–	–	–	–	–	–	–	7	5	2	1	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	10	4	5	5	1	–	–	399	282	112	90	5	–	–
Symptoms, signs, and ill-defined conditions (780-799)	64	2	1	1	44	17	17	857	66	15	11	570	206	147
Sudden infant death syndrome (798.0)	42	1	1	1	29	11	11	708	34	5	4	491	178	127
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	22	1	–	–	15	6	6	149	32	10	7	79	28	20
Accidents and adverse effects (E800-E949)	15	–	–	–	10	5	5	114	8	1	1	82	23	19
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	6	–	–	–	3	3	3	19	–	–	–	16	3	3
Accidental mechanical suffocation (E913)	3	–	–	–	2	1	1	20	1	–	–	12	7	6
Other accidental causes and adverse effects (E800-E910,E914-E949)	6	–	–	–	5	1	1	75	7	1	1	54	13	10
Homicide (E960-E969)	1	–	–	–	–	1	1	40	2	1	1	23	14	13
Child battering and other maltreatment (E967)	1	–	–	–	–	1	1	22	1	–	–	13	8	7
Other homicide (E960-E966,E968-E969)	–	–	–	–	–	–	–	18	1	1	1	10	6	6
All other causes (Residual)	16	3	2	1	4	7	7	183	56	13	11	83	31	21

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Colorado							Connecticut						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	472	230	46	36	173	23	20	398	196	83	76	79	40	36
Certain intestinal infections (008-009)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Septicemia[1] (038)	2	. . .	. . .	. . .	2	–	–	1	. . .	. . .	. . .	1	–	–
Viral diseases (045-079)	4	2	–	–	2	–	–	1	1	–	–	–	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	2	–	–	–	2	–	–	4	–	–	–	1	3	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2	1	–	–	1	–	–	–	–	–	–	–	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	–	–	–	1	–	–	1	1	–	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	1	–	–	–	1	–	–	2	–	–	–	2	–	–
Meningitis (320-322)	2	1	–	–	1	–	–	1	–	–	–	–	1	1
Other diseases of nervous system and sense organs (323-389)	5	–	–	–	5	–	–	4	1	–	–	2	1	1
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Pneumonia and influenza (480-487)	3	1	–	–	2	–	–	5	1	1	1	3	–	–
Pneumonia (480-486)	3	1	–	–	2	–	–	5	1	1	1	3	–	–
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	5	2	–	–	2	1	1	4	2	–	–	2	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	1	–	–	–	1	–	–	1	–	1	–	–	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	2	1	–	–	–	1	1	–	–	–	–	–	–	–
Congenital anomalies (740-759)	107	66	7	3	28	6	6	77	51	9	7	12	5	5
Anencephalus and similar anomalies (740)	4	2	2	1	–	–	–	3	3	–	–	–	–	–
Spina bifida (741)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Congenital hydrocephalus (742.3)	5	3	–	–	2	–	–	1	1	–	–	–	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	7	2	1	1	4	–	–	3	2	–	–	1	–	–
Congenital anomalies of heart (745-746)	41	24	1	–	12	4	4	22	11	2	2	6	3	3
Other congenital anomalies of circulatory system (747)	5	3	–	–	2	–	–	2	1	1	–	–	–	–
Congenital anomalies of respiratory system (748)	13	9	1	–	2	1	1	14	11	1	–	1	1	1
Congenital anomalies of digestive system (749-751)	1	1	–	–	–	–	–	3	–	1	1	2	–	–
Congenital anomalies of genitourinary system (752-753)	4	3	1	1	–	–	–	3	3	–	–	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	5	4	–	–	–	1	1	2	1	1	1	–	–	–
Down's syndrome (758.0)	1	–	–	–	1	–	–	4	2	1	1	1	–	–
Other chromosomal anomalies (758.1-758.9)	12	8	–	–	4	–	–	10	8	1	1	–	1	1
All other and unspecified congenital anomalies (744,757,759)	9	7	1	–	1	–	–	9	7	1	1	1	–	–
Certain conditions originating in the perinatal period (760-779)	182	136	32	27	12	2	1	216	131	69	65	13	3	3
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	6	3	2	2	1	–	–	3	–	3	3	–	–	–
Newborn affected by maternal complications of pregnancy (761)	18	17	1	–	–	–	–	28	23	5	2	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	22	17	4	4	1	–	–	27	14	13	13	–	–	–
Newborn affected by other complications of labor and delivery (763)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	30	26	4	4	–	–	–	37	24	12	12	1	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	1	1	–	–	–	–	–	2	1	1	1	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	10	8	1	1	1	–	–	11	7	4	4	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	3	3	–	–	–	–	–	3	2	1	1	–	–	–
Birth asphyxia (768.5-768.9)	7	5	1	1	1	–	–	8	5	3	3	–	–	–
Respiratory distress syndrome (769)	18	10	6	4	2	–	–	23	14	6	5	3	–	–
Other respiratory conditions of newborn (770)	33	20	5	4	7	1	1	38	17	10	10	8	3	3
Infections specific to the perinatal period (771)	8	7	1	1	–	–	–	4	2	2	2	–	–	–
Neonatal hemorrhage (772)	5	4	1	1	–	–	–	2	1	1	1	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	27	19	7	6	–	1	–	41	28	12	12	1	–	–
Symptoms, signs, and ill-defined conditions (780-799)	110	8	2	2	93	7	6	57	3	1	1	28	25	22
Sudden infant death syndrome (798.0)	108	6	2	2	93	7	6	16	1	–	–	7	8	7
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	2	2	–	–	–	–	–	41	2	1	1	21	17	15
Accidents and adverse effects (E800-E949)	5	1	–	–	3	1	1	3	–	–	–	2	1	1
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Accidental mechanical suffocation (E913)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	3	1	–	–	1	1	1	3	–	–	–	2	1	1
Homicide (E960-E969)	8	1	1	1	6	–	–	3	–	–	–	2	1	1
Child battering and other maltreatment (E967)	4	–	1	1	3	–	–	1	–	–	–	1	–	–
Other homicide (E960-E966,E968-E969)	4	1	–	–	3	–	–	2	–	–	–	1	1	1
All other causes (Residual)	28	10	3	3	10	5	4	17	5	2	2	10	–	–

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Delaware							District of Columbia						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	112	41	36	36	19	16	16	245	18	162	161	3	62	62
Certain intestinal infections (008-009)	–	–	–	–	–	–	–	2	–	–	–	–	2	2
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Septicemia[1] (038)	2	. . .	. . .	. . .	1	1	1	–	. . .	. . .	. . .	–	–	–
Viral diseases (045-079)	–	–	–	–	–	–	–	1	–	1	1	–	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	–	–	–	–	–	–	–	1	–	1	1	–	–	–
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	–	–	–	–	–	–	–	1	–	–	–	–	1	1
Meningitis (320-322)	1	–	–	–	–	1	1	1	–	–	–	–	1	1
Other diseases of nervous system and sense organs (323-389)	2	–	–	–	2	–	–	–	–	–	–	–	–	–
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	1	–	–	–	–	1	1	1	–	–	–	–	1	1
Pneumonia and influenza (480-487)	–	–	–	–	–	–	–	1	–	–	–	–	1	1
Pneumonia (480-486)	–	–	–	–	–	–	–	1	–	–	–	–	1	1
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	1	–	–	–	–	1	1	1	–	–	–	–	1	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	1	1	–	–	–	–	–	2	–	–	–	–	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Congenital anomalies (740-759)	22	12	4	4	2	4	4	18	3	9	8	1	5	5
Anencephalus and similar anomalies (740)	–	–	–	–	–	–	–	2	–	2	1	–	–	–
Spina bifida (741)	–	–	–	–	–	–	–	1	–	–	–	–	1	1
Congenital hydrocephalus (742.3)	–	–	–	–	–	–	–	1	–	–	–	–	1	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	–	1	1	1	–	–	1	–	1	1	–	–	–
Congenital anomalies of heart (745-746)	6	3	–	–	1	2	2	5	1	1	1	1	2	2
Other congenital anomalies of circulatory system (747)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Congenital anomalies of respiratory system (748)	6	5	1	1	–	–	–	4	1	2	2	–	1	1
Congenital anomalies of digestive system (749-751)	1	–	–	–	–	1	1	–	–	–	–	–	–	–
Congenital anomalies of genitourinary system (752-753)	4	3	1	1	–	–	–	1	–	1	1	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	1	1	–	–	–	–	–	2	–	2	2	–	–	–
Down's syndrome (758.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other chromosomal anomalies (758.1-758.9)	2	–	1	1	–	1	1	–	–	–	–	–	–	–
All other and unspecified congenital anomalies (744,757,759)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Certain conditions originating in the perinatal period (760-779)	63	26	31	31	4	2	2	169	15	140	140	1	13	13
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	–	1	1	–	1	1	2	1	1	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	4	–	4	4	–	–	–	13	–	13	13	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	2	2	–	–	–	–	–	1	–	1	1	–	–	–
Newborn affected by other complications of labor and delivery (763)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	2	1	1	1	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	27	13	13	13	1	–	–	68	3	64	64	–	1	1
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	1	–	1	1	–	–	–	2	1	–	–	–	1	1
Intrauterine hypoxia and birth asphyxia (768)	–	–	–	–	–	–	–	7	1	6	6	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	–	–	–	–	–	–	–	2	1	1	1	–	–	–
Birth asphyxia (768.5-768.9)	–	–	–	–	–	–	–	5	–	5	5	–	–	–
Respiratory distress syndrome (769)	5	3	2	2	–	–	–	28	1	24	24	–	3	3
Other respiratory conditions of newborn (770)	10	2	4	4	3	1	1	25	3	14	14	1	7	7
Infections specific to the perinatal period (771)	3	–	3	3	–	–	–	7	3	4	4	–	–	–
Neonatal hemorrhage (772)	–	–	–	–	–	–	–	2	1	1	1	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	9	6	3	3	–	–	–	12	–	11	11	–	1	1
Symptoms, signs, and ill-defined conditions (780-799)	11	–	–	–	8	3	3	38	–	8	8	1	29	29
Sudden infant death syndrome (798.0)	11	–	–	–	8	3	3	12	–	4	4	–	8	8
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	–	–	–	–	–	–	–	26	–	4	4	1	21	21
Accidents and adverse effects (E800-E949)	1	–	–	–	–	1	1	3	–	–	–	–	3	3
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	–	–	–	–	–	–	–	2	–	–	–	–	2	2
Accidental mechanical suffocation (E913)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	1	–	–	–	–	1	1	1	–	–	–	–	1	1
Homicide (E960-E969)	–	–	–	–	–	–	–	2	–	–	–	–	2	2
Child battering and other maltreatment (E967)	–	–	–	–	–	–	–	1	–	–	–	–	1	1
Other homicide (E960-E966,E968-E969)	–	–	–	–	–	–	–	1	–	–	–	–	1	1
All other causes (Residual)	6	1	1	1	2	2	2	4	–	3	3	–	1	1

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Florida							Georgia						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	1,918	745	490	482	381	302	298	1,392	419	498	488	216	259	255
Certain intestinal infections (008-009)	15	–	–	–	4	11	11	3	–	–	–	2	1	1
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	5	–	–	–	2	3	3	1	–	–	–	1	–	–
Septicemia[1] (038)	10	. . .	. . .	. . .	6	4	4	19	. . .	. . .	. . .	3	16	15
Viral diseases (045-079)	6	3	–	–	2	1	1	6	2	–	–	3	1	1
Congenital syphilis (090)	4	–	4	4	–	–	–	1	–	–	–	–	1	1
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	30	–	–	–	7	23	23	9	–	1	1	2	6	6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	4	–	–	–	2	2	2	4	1	–	–	2	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3	–	–	–	3	–	–	1	–	–	–	–	1	1
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	5	–	–	–	3	2	2	1	–	–	–	1	–	–
Meningitis (320-322)	13	2	–	–	6	5	5	10	1	2	2	2	5	5
Other diseases of nervous system and sense organs (323-389)	27	2	–	–	20	5	5	19	1	–	–	12	6	6
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	2	1	–	–	–	1	1
Bronchitis and bronchiolitis (466,490-491)	1	–	–	–	1	–	–	4	–	–	–	2	2	2
Pneumonia and influenza (480-487)	42	7	3	3	13	19	18	22	2	6	6	4	10	10
Pneumonia (480-486)	42	7	3	3	13	19	18	22	2	6	6	4	10	10
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	31	5	3	3	9	14	14	12	–	–	–	4	8	8
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	3	1	–	–	1	1	1	4	1	–	–	1	2	2
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	8	1	1	1	3	3	2	5	1	–	–	2	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	5	–	1	1	3	1	1	8	1	–	–	6	1	1
Congenital anomalies (740-759)	374	184	85	81	77	28	27	269	120	83	80	39	27	27
Anencephalus and similar anomalies (740)	20	12	7	7	1	–	–	20	13	6	6	1	–	–
Spina bifida (741)	4	–	3	3	1	–	–	4	1	1	1	1	1	1
Congenital hydrocephalus (742.3)	10	7	–	–	2	1	1	6	2	2	1	–	2	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	18	7	6	5	3	2	2	9	5	4	4	–	–	–
Congenital anomalies of heart (745-746)	117	45	19	18	42	11	10	87	28	25	24	21	13	13
Other congenital anomalies of circulatory system (747)	22	13	4	4	4	1	1	19	8	5	5	5	1	1
Congenital anomalies of respiratory system (748)	47	30	13	13	3	1	1	35	18	15	14	–	2	2
Congenital anomalies of digestive system (749-751)	3	1	–	–	1	1	1	4	–	1	1	1	2	2
Congenital anomalies of genitourinary system (752-753)	27	19	6	6	–	2	2	19	15	3	3	1	–	–
Congenital anomalies of musculoskeletal system (754-756)	20	9	6	6	3	2	2	18	6	10	10	–	2	2
Down's syndrome (758.0)	9	3	2	2	2	2	2	4	1	1	1	1	1	1
Other chromosomal anomalies (758.1-758.9)	42	21	8	8	10	3	3	23	13	6	6	3	1	1
All other and unspecified congenital anomalies (744,757,759)	35	17	11	9	5	2	2	21	10	4	4	5	2	2
Certain conditions originating in the perinatal period (760-779)	920	493	376	373	28	23	23	704	264	384	377	18	38	37
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	19	8	9	9	2	–	–	4	2	2	2	–	–	–
Newborn affected by maternal complications of pregnancy (761)	83	45	38	38	–	–	–	42	20	22	21	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	42	29	13	13	–	–	–	30	11	19	19	–	–	–
Newborn affected by other complications of labor and delivery (763)	1	–	1	1	–	–	–	4	3	1	1	–	–	–
Slow fetal growth and fetal malnutrition (764)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	276	135	135	134	4	2	2	155	54	99	97	–	2	2
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	10	8	1	1	1	–	–	9	3	6	6	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	44	24	18	17	2	–	–	30	11	18	18	1	–	–
Fetal distress in liveborn infant (768.2-768.4)	13	11	1	1	1	–	–	7	2	5	5	–	–	–
Birth asphyxia (768.5-768.9)	31	13	17	16	1	–	–	23	9	13	13	1	–	–
Respiratory distress syndrome (769)	117	70	38	37	5	4	4	146	61	71	69	7	7	6
Other respiratory conditions of newborn (770)	137	64	48	48	12	13	13	128	40	59	58	8	21	21
Infections specific to the perinatal period (771)	38	28	9	9	–	1	1	21	11	8	8	1	1	1
Neonatal hemorrhage (772)	16	8	8	8	–	–	–	14	7	7	7	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	5	–	5	5	–	–	–	2	2	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	130	72	53	53	2	3	3	119	39	72	71	1	7	7
Symptoms, signs, and ill-defined conditions (780-799)	268	18	8	8	133	109	108	181	14	10	10	79	78	77
Sudden infant death syndrome (798.0)	240	15	6	6	126	93	93	164	14	5	5	74	71	70
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	28	3	2	2	7	16	15	17	–	5	5	5	7	7
Accidents and adverse effects (E800-E949)	49	2	1	1	30	16	16	31	2	1	1	16	12	12
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	6	–	–	–	3	3	3	5	–	–	–	3	2	2
Accidental mechanical suffocation (E913)	19	–	1	1	11	7	7	11	1	–	–	2	8	8
Other accidental causes and adverse effects (E800-E910,E914-E949)	24	2	–	–	16	6	6	15	1	1	1	11	2	2
Homicide (E960-E969)	19	2	–	–	6	11	11	9	–	–	–	4	5	5
Child battering and other maltreatment (E967)	9	1	–	–	2	6	6	4	–	–	–	2	2	2
Other homicide (E960-E966,E968-E969)	10	1	–	–	4	5	5	5	–	–	–	2	3	3
All other causes (Residual)	76	25	8	7	22	21	21	67	8	11	11	13	35	34

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Hawaii							Idaho						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	138	18	68	7	6	46	4	143	69	4	–	68	2	1
Certain intestinal infections (008-009)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Septicemia[1] (038)	2	. . .	. . .	. . .	–	2	–	–	. . .	. . .	. . .	–	–	–
Viral diseases (045-079)	1	1	–	–	–	–	–	1	–	–	–	1	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	–	–	–	–	1	–	1	–	–	–	1	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Diseases of blood and blood-forming organs (280-289)	1	–	1	–	–	–	–	1	–	–	–	1	–	–
Meningitis (320-322)	2	–	–	–	–	2	–	1	–	–	–	1	–	–
Other diseases of nervous system and sense organs (323-389)	1	–	–	–	–	1	–	2	–	–	–	2	–	–
Acute upper respiratory infections (460-465)	1	–	–	–	–	1	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia and influenza (480-487)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Pneumonia (480-486)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	3	1	–	–	1	1	–	–	–	–	–	–	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Congenital anomalies (740-759)	24	5	9	1	3	7	–	32	24	–	–	8	–	–
Anencephalus and similar anomalies (740)	–	–	–	–	–	–	–	4	4	–	–	–	–	–
Spina bifida (741)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Congenital hydrocephalus (742.3)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Congenital anomalies of heart (745-746)	9	1	2	1	2	4	–	5	4	–	–	1	–	–
Other congenital anomalies of circulatory system (747)	3	1	1	–	–	1	–	2	1	–	–	1	–	–
Congenital anomalies of respiratory system (748)	5	2	2	–	1	–	–	4	4	–	–	–	–	–
Congenital anomalies of digestive system (749-751)	1	–	–	–	–	1	–	–	–	–	–	–	–	–
Congenital anomalies of genitourinary system (752-753)	–	–	–	–	–	–	–	3	3	–	–	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	1	–	1	–	–	–	–	3	2	–	–	1	–	–
Down's syndrome (758.0)	–	–	–	–	–	–	–	2	–	–	–	2	–	–
Other chromosomal anomalies (758.1-758.9)	2	–	1	–	–	1	–	7	5	–	–	2	–	–
All other and unspecified congenital anomalies (744,757,759)	2	1	1	–	–	–	–	1	1	–	–	–	–	–
Certain conditions originating in the perinatal period (760-779)	65	10	51	6	–	4	1	44	39	4	–	1	–	–
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Newborn affected by maternal complications of pregnancy (761)	6	–	6	–	–	–	–	12	11	1	–	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	2	–	2	–	–	–	–	1	1	–	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	1	–	1	1	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	20	3	17	5	–	–	–	9	8	1	–	–	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	10	1	7	–	–	2	1	3	3	–	–	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	4	–	3	–	–	1	1	1	1	–	–	–	–	–
Birth asphyxia (768.5-768.9)	6	1	4	–	–	1	–	2	2	–	–	–	–	–
Respiratory distress syndrome (769)	3	–	3	–	–	–	–	4	4	–	–	–	–	–
Other respiratory conditions of newborn (770)	11	3	6	–	–	2	–	8	6	1	–	1	–	–
Infections specific to the perinatal period (771)	3	1	2	–	–	–	–	2	2	–	–	–	–	–
Neonatal hemorrhage (772)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	8	2	6	–	–	–	–	4	3	1	–	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	25	1	4	–	2	18	2	44	3	–	–	40	1	1
Sudden infant death syndrome (798.0)	16	–	1	–	1	14	1	42	3	–	–	38	1	1
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	9	1	3	–	1	4	1	2	–	–	–	2	–	–
Accidents and adverse effects (E800-E949)	3	–	–	–	–	3	1	6	–	–	–	6	–	–
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	–	–	–	–	1	1	2	–	–	–	2	–	–
Accidental mechanical suffocation (E913)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	2	–	–	–	–	2	–	3	–	–	–	3	–	–
Homicide (E960-E969)	1	–	–	–	–	1	–	–	–	–	–	–	–	–
Child battering and other maltreatment (E967)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other homicide (E960-E966,E968-E969)	1	–	–	–	–	1	–	–	–	–	–	–	–	–
All other causes (Residual)	8	–	3	–	–	5	–	8	3	–	–	4	1	–

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Illinois							Indiana						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	2,104	768	609	595	343	384	376	831	418	112	110	245	56	55
Certain intestinal infections (008-009)	5	–	–	–	4	1	1	–	–	–	–	–	–	–
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	1	–	–	–	–	1	1	–	–	–	–	–	–	–
Septicemia[1] (038)	15	. . .	. . .	. . .	7	8	8	7	. . .	. . .	. . .	6	1	1
Viral diseases (045-079)	9	2	3	3	1	3	3	2	–	–	–	1	1	1
Congenital syphilis (090)	3	1	2	2	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	4	–	–	–	2	2	2	3	1	–	–	2	–	–
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	6	1	–	–	4	1	1	–	–	–	–	–	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3	1	1	1	–	1	1	3	1	1	1	1	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	6	2	–	–	2	2	2	1	–	–	–	1	–	–
Meningitis (320-322)	9	1	1	1	1	6	6	1	–	–	–	1	–	–
Other diseases of nervous system and sense organs (323-389)	26	8	1	1	8	9	8	8	2	–	–	6	–	–
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	5	–	–	–	–	5	5	2	–	–	–	2	–	–
Pneumonia and influenza (480-487)	44	4	4	4	16	20	20	13	1	–	–	10	2	2
Pneumonia (480-486)	44	4	4	4	16	20	20	12	1	–	–	9	2	2
Influenza (487)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Remainder of diseases of respiratory system (470-478,492-519)	21	3	1	1	8	9	9	17	3	1	1	13	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	6	2	1	1	2	1	1	–	–	–	–	–	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	8	–	–	–	3	5	5	5	–	–	–	3	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	12	4	1	1	4	3	3	8	–	–	–	6	2	2
Congenital anomalies (740-759)	411	221	75	72	73	42	38	176	113	17	16	38	8	8
Anencephalus and similar anomalies (740)	23	11	12	12	–	–	–	9	8	1	1	–	–	–
Spina bifida (741)	8	5	2	2	1	–	–	4	2	1	1	1	–	–
Congenital hydrocephalus (742.3)	17	6	2	2	6	3	3	2	2	–	–	–	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	15	8	1	1	2	4	4	10	6	1	1	2	1	1
Congenital anomalies of heart (745-746)	123	58	19	18	32	14	12	43	22	4	4	13	4	4
Other congenital anomalies of circulatory system (747)	27	13	5	5	5	4	3	11	6	2	2	3	–	–
Congenital anomalies of respiratory system (748)	63	47	11	11	4	1	1	22	18	3	3	1	–	–
Congenital anomalies of digestive system (749-751)	4	2	1	1	–	1	–	7	3	1	1	3	–	–
Congenital anomalies of genitourinary system (752-753)	21	15	6	6	–	–	–	19	18	–	–	1	–	–
Congenital anomalies of musculoskeletal system (754-756)	20	15	1	1	–	4	4	7	4	2	2	1	–	–
Down's syndrome (758.0)	6	1	1	1	1	3	3	4	–	–	–	3	1	1
Other chromosomal anomalies (758.1-758.9)	42	25	3	2	12	2	2	18	12	–	–	4	2	2
All other and unspecified congenital anomalies (744,757,759)	42	15	11	10	10	6	6	20	12	2	1	6	–	–
Certain conditions originating in the perinatal period (760-779)	1,003	476	480	470	17	30	30	372	267	85	84	17	3	3
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	11	6	5	5	–	–	–	5	2	3	2	–	–	–
Newborn affected by maternal complications of pregnancy (761)	90	44	46	46	–	–	–	45	35	10	10	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	51	30	21	20	–	–	–	26	21	5	5	–	–	–
Newborn affected by other complications of labor and delivery (763)	5	3	2	2	–	–	–	1	1	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	316	125	188	181	–	3	3	83	62	21	21	–	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	14	6	7	7	1	–	–	4	3	1	1	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	44	22	19	19	1	2	2	23	14	8	8	1	–	–
Fetal distress in liveborn infant (768.2-768.4)	12	9	3	3	–	–	–	8	4	4	4	–	–	–
Birth asphyxia (768.5-768.9)	32	13	16	16	1	2	2	15	10	4	4	1	–	–
Respiratory distress syndrome (769)	173	93	77	76	2	1	1	45	36	8	8	1	–	–
Other respiratory conditions of newborn (770)	150	62	56	56	11	21	21	72	43	16	16	12	1	1
Infections specific to the perinatal period (771)	25	16	9	9	–	–	–	27	18	7	7	1	1	1
Neonatal hemorrhage (772)	27	12	15	15	–	–	–	8	4	4	4	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	3	2	–	–	1	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	92	53	35	34	1	3	3	32	27	2	2	2	1	1
Symptoms, signs, and ill-defined conditions (780-799)	342	16	23	22	136	167	166	137	9	1	1	102	25	25
Sudden infant death syndrome (798.0)	300	10	14	13	130	146	145	122	8	1	1	93	20	20
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	42	6	9	9	6	21	21	15	1	–	–	9	5	5
Accidents and adverse effects (E800-E949)	54	2	3	3	21	28	27	23	1	1	1	16	5	4
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	7	1	–	–	4	2	2	7	–	–	–	6	1	1
Accidental mechanical suffocation (E913)	16	–	2	2	6	8	7	7	–	1	1	3	3	3
Other accidental causes and adverse effects (E800-E910,E914-E949)	31	1	1	1	11	18	18	9	1	–	–	7	1	–
Homicide (E960-E969)	21	4	–	–	4	13	13	5	–	–	–	4	1	1
Child battering and other maltreatment (E967)	8	1	–	–	3	4	4	5	–	–	–	4	1	1
Other homicide (E960-E966,E968-E969)	13	3	–	–	1	9	9	–	–	–	–	–	–	–
All other causes (Residual)	90	20	13	13	30	27	26	48	20	6	6	16	6	6

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Iowa							Kansas						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	319	165	20	19	126	8	4	329	163	37	32	100	29	27
Certain intestinal infections (008-009)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whooping cough (033)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Septicemia[1] (038)	3	...	...	...	3	–	–	2	...	...	...	2	–	–
Viral diseases (045-079)	2	–	–	–	2	–	–	5	1	1	1	2	1	1
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	1	–	–	–	1	–	–	2	1	–	–	1	–	–
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningitis (320-322)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of nervous system and sense organs (323-389)	9	3	–	–	6	–	–	5	–	–	–	5	–	–
Acute upper respiratory infections (460-465)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Pneumonia and influenza (480-487)	2	–	–	–	2	–	–	11	1	–	–	8	2	2
Pneumonia (480-486)	2	–	–	–	2	–	–	11	1	–	–	8	2	2
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	1	–	–	–	1	–	–	4	1	–	–	3	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	3	–	–	–	3	–	–	–	–	–	–	–	–	–
Congenital anomalies (740-759)	76	52	2	2	22	–	–	71	49	3	1	17	2	1
Anencephalus and similar anomalies (740)	4	4	–	–	–	–	–	3	3	–	–	–	–	–
Spina bifida (741)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Congenital hydrocephalus (742.3)	1	1	–	–	–	–	–	2	2	–	–	–	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	4	4	–	–	–	–	–	8	7	–	–	1	–	–
Congenital anomalies of heart (745-746)	29	15	1	1	13	–	–	24	13	2	1	9	–	–
Other congenital anomalies of circulatory system (747)	6	4	–	–	2	–	–	2	–	–	–	1	1	–
Congenital anomalies of respiratory system (748)	9	9	–	–	–	–	–	10	7	1	–	2	–	–
Congenital anomalies of digestive system (749-751)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Congenital anomalies of genitourinary system (752-753)	4	3	–	–	1	–	–	2	2	–	–	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	2	2	–	–	–	–	–	7	5	–	–	1	1	1
Down's syndrome (758.0)	2	2	–	–	–	–	–	1	1	–	–	–	–	–
Other chromosomal anomalies (758.1-758.9)	9	6	–	–	3	–	–	8	6	–	–	2	–	–
All other and unspecified congenital anomalies (744,757,759)	5	2	1	1	2	–	–	3	2	–	–	1	–	–
Certain conditions originating in the perinatal period (760-779)	132	100	18	17	13	1	–	136	97	30	27	7	2	2
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	1	1	1	–	–	–	1	1	–	–	–	–	–
Newborn affected by maternal complications of pregnancy (761)	27	23	4	4	–	–	–	14	13	1	1	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	6	6	–	–	–	–	–	9	6	3	3	–	–	–
Newborn affected by other complications of labor and delivery (763)	1	1	–	–	–	–	–	2	2	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	25	18	6	5	1	–	–	30	17	12	9	1	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	–	–	–	–	–	–	–	1	–	1	1	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	4	3	–	–	1	–	–	9	6	1	1	1	1	1
Fetal distress in liveborn infant (768.2-768.4)	1	1	–	–	–	–	–	5	3	1	1	1	–	–
Birth asphyxia (768.5-768.9)	3	2	–	–	1	–	–	4	3	–	–	–	1	1
Respiratory distress syndrome (769)	27	21	3	3	3	–	–	13	10	2	2	–	1	1
Other respiratory conditions of newborn (770)	16	8	–	–	7	1	–	27	20	5	5	2	–	–
Infections specific to the perinatal period (771)	7	7	–	–	–	–	–	7	6	1	1	–	–	–
Neonatal hemorrhage (772)	2	1	1	1	–	–	–	6	4	1	1	1	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	15	11	3	3	1	–	–	17	12	3	3	2	–	–
Symptoms, signs, and ill-defined conditions (780-799)	69	3	–	–	59	7	4	56	4	–	–	34	18	17
Sudden infant death syndrome (798.0)	67	3	–	–	57	7	4	52	4	–	–	30	18	17
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	2	–	–	–	2	–	–	4	–	–	–	4	–	–
Accidents and adverse effects (E800-E949)	6	2	–	–	4	–	–	14	2	1	1	10	1	1
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	–	–	–	–	–	–	–	3	1	–	–	2	–	–
Accidental mechanical suffocation (E913)	–	–	–	–	–	–	–	4	–	–	–	4	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	6	2	–	–	4	–	–	7	1	1	1	4	1	1
Homicide (E960-E969)	–	–	–	–	–	–	–	2	–	–	–	2	–	–
Child battering and other maltreatment (E967)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other homicide (E960-E966,E968-E969)	–	–	–	–	–	–	–	2	–	–	–	2	–	–
All other causes (Residual)	10	4	–	–	6	–	–	19	5	2	2	9	3	3

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Kentucky							Louisiana						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	461	210	48	48	177	26	25	799	183	301	297	115	200	198
Certain intestinal infections (008-009)	1	-	-	-	1	-	-	4	-	-	-	-	4	4
Whooping cough (033)	-	-	-	-	-	-	-	1	-	1	1	-	-	-
Meningococcal infection (036)	1	-	-	-	1	-	-	3	-	1	1	1	1	1
Septicemia[1] (038)	2	. . .	. . .	. . .	2	-	-	9	. . .	. . .	. . .	4	5	5
Viral diseases (045-079)	5	1	1	1	2	1	1	1	-	-	-	-	1	1
Congenital syphilis (090)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	2	-	-	-	2	-	-	14	1	1	1	2	10	10
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2	-	-	-	2	-	-	2	-	-	-	-	2	2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	1	-	-	-	-	-	1	1	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	2	-	-	-	2	-	-	2	1	-	-	-	1	1
Meningitis (320-322)	-	-	-	-	-	-	-	10	1	2	2	1	6	6
Other diseases of nervous system and sense organs (323-389)	6	-	-	-	6	-	-	8	-	-	-	3	5	5
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Pneumonia and influenza (480-487)	3	-	1	1	2	-	-	15	-	1	1	5	9	9
Pneumonia (480-486)	2	-	1	1	1	-	-	15	-	1	1	5	9	9
Influenza (487)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	6	-	-	-	5	1	1	11	-	3	3	3	5	5
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5	2	-	-	3	-	-	4	-	-	-	1	3	3
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3	1	1	1	1	-	-	5	-	2	2	-	3	3
Remainder of diseases of digestive system (520-534,536-543,562-579)	2	-	-	-	1	1	1	4	-	1	1	1	2	2
Congenital anomalies (740-759)	124	71	9	9	40	4	4	168	59	49	48	31	29	28
Anencephalus and similar anomalies (740)	7	4	3	3	-	-	-	12	7	4	4	-	1	1
Spina bifida (741)	1	-	1	1	-	-	-	1	1	-	-	-	-	-
Congenital hydrocephalus (742.3)	1	1	-	-	-	-	-	5	3	-	-	-	2	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	4	1	-	-	3	-	-	5	1	1	1	2	1	1
Congenital anomalies of heart (745-746)	44	21	1	1	20	2	2	55	14	11	10	16	14	14
Other congenital anomalies of circulatory system (747)	7	5	-	-	1	1	1	13	3	7	7	2	1	1
Congenital anomalies of respiratory system (748)	18	12	2	2	4	-	-	16	6	10	10	-	-	-
Congenital anomalies of digestive system (749-751)	1	1	-	-	-	-	-	6	3	1	1	-	2	1
Congenital anomalies of genitourinary system (752-753)	10	10	-	-	-	-	-	12	6	5	5	1	-	-
Congenital anomalies of musculoskeletal system (754-756)	9	8	-	-	1	-	-	6	3	1	1	2	-	-
Down's syndrome (758.0)	-	-	-	-	-	-	-	5	-	-	-	3	2	2
Other chromosomal anomalies (758.1-758.9)	14	5	2	2	7	-	-	17	7	4	4	3	3	3
All other and unspecified congenital anomalies (744,757,759)	8	3	-	-	4	1	1	15	5	5	5	2	3	3
Certain conditions originating in the perinatal period (760-779)	167	125	30	30	10	2	2	363	107	229	226	8	19	19
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	4	4	-	-	-	-	-	4	2	2	2	-	-	-
Newborn affected by maternal complications of pregnancy (761)	20	15	5	5	-	-	-	19	12	7	7	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	8	7	-	-	1	-	-	14	3	11	11	-	-	-
Newborn affected by other complications of labor and delivery (763)	4	4	-	-	-	-	-	1	1	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	38	31	7	7	-	-	-	102	29	70	69	-	3	3
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	2	1	1	1	-	-	-	4	3	1	1	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	6	6	-	-	-	-	-	8	2	5	5	-	1	1
Fetal distress in liveborn infant (768.2-768.4)	3	3	-	-	-	-	-	3	1	1	1	-	1	1
Birth asphyxia (768.5-768.9)	3	3	-	-	-	-	-	5	1	4	4	-	-	-
Respiratory distress syndrome (769)	29	22	6	6	1	-	-	76	19	49	49	2	6	6
Other respiratory conditions of newborn (770)	31	16	6	6	8	1	1	54	13	29	28	5	7	7
Infections specific to the perinatal period (771)	4	3	1	1	-	-	-	28	7	19	19	-	2	2
Neonatal hemorrhage (772)	2	2	-	-	-	-	-	8	3	5	4	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	-	1	1	-	-	-	-	-	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	18	14	3	3	-	1	1	45	13	31	31	1	-	-
Symptoms, signs, and ill-defined conditions (780-799)	87	4	1	1	70	12	11	98	5	5	5	36	52	52
Sudden infant death syndrome (798.0)	85	3	1	1	69	12	11	90	5	5	5	34	46	46
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	2	1	-	-	1	-	-	8	-	-	-	2	6	6
Accidents and adverse effects (E800-E949)	19	1	2	2	13	3	3	28	1	1	1	11	15	15
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	-	-	-	1	-	-	7	-	1	1	2	4	4
Accidental mechanical suffocation (E913)	9	1	2	2	3	3	3	6	-	-	-	4	2	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	9	-	-	-	9	-	-	15	1	-	-	5	9	9
Homicide (E960-E969)	2	-	-	-	1	1	1	5	-	1	1	3	1	1
Child battering and other maltreatment (E967)	2	-	-	-	1	1	1	1	-	-	-	1	-	-
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	4	-	1	1	2	1	1
All other causes (Residual)	21	4	3	3	13	1	1	42	7	4	4	4	27	26

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Maine							Maryland						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	108	78	1	–	26	3	1	766	209	293	290	122	142	135
Certain intestinal infections (008-009)	–	–	–	–	–	–	–	4	–	–	–	3	1	1
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Septicemia[1] (038)	1	. . .	. . .	. . .	1	–	–	5	. . .	. . .	. . .	3	2	2
Viral diseases (045-079)	–	–	–	–	–	–	–	3	–	–	–	1	2	2
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	–	–	–	–	–	–	–	3	–	–	–	1	2	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	–	–	–	–	–	–	–	3	–	–	–	2	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	–	–	–	–	–	–	–	2	–	1	1	1	–	–
Meningitis (320-322)	–	–	–	–	–	–	–	5	1	1	1	2	1	1
Other diseases of nervous system and sense organs (323-389)	1	–	–	–	1	–	–	8	–	–	–	5	3	3
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia and influenza (480-487)	1	1	–	–	–	–	–	4	–	2	2	–	2	2
Pneumonia (480-486)	1	1	–	–	–	–	–	4	–	2	2	–	2	2
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	1	–	–	–	1	–	–	4	–	–	–	1	3	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	–	–	–	–	–	–	–	2	1	–	–	1	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	1	–	–	–	1	–	–	5	1	1	1	–	3	3
Congenital anomalies (740-759)	29	24	1	–	4	–	–	133	54	26	26	33	20	18
Anencephalus and similar anomalies (740)	1	1	–	–	–	–	–	4	3	1	1	–	–	–
Spina bifida (741)	–	–	–	–	–	–	–	2	2	–	–	–	–	–
Congenital hydrocephalus (742.3)	3	3	–	–	–	–	–	1	–	1	1	–	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	1	1	–	–	–	–	–	6	4	–	–	1	1	–
Congenital anomalies of heart (745-746)	8	6	–	–	2	–	–	51	10	7	7	22	12	11
Other congenital anomalies of circulatory system (747)	2	2	–	–	–	–	–	9	4	4	4	–	1	1
Congenital anomalies of respiratory system (748)	5	5	–	–	–	–	–	10	6	1	1	2	1	1
Congenital anomalies of digestive system (749-751)	1	–	–	–	1	–	–	1	1	–	–	–	–	–
Congenital anomalies of genitourinary system (752-753)	3	2	1	–	–	–	–	7	5	2	2	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	1	1	–	–	–	–	–	11	4	4	4	1	2	2
Down's syndrome (758.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other chromosomal anomalies (758.1-758.9)	2	2	–	–	–	–	–	20	8	5	5	6	1	1
All other and unspecified congenital anomalies (744,757,759)	2	1	–	–	1	–	–	11	7	1	1	1	2	2
Certain conditions originating in the perinatal period (760-779)	52	49	–	–	3	–	–	405	142	244	241	6	13	13
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	–	–	–	–	–	–	–	2	1	1	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	3	3	–	–	–	–	–	28	13	15	13	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	4	4	–	–	–	–	–	19	10	8	8	–	1	1
Newborn affected by other complications of labor and delivery (763)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	19	19	–	–	–	–	–	116	29	85	85	–	2	2
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	–	–	–	–	–	–	–	3	2	1	1	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	2	2	–	–	–	–	–	18	9	9	8	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	2	2	–	–	–	–	–	5	4	1	1	–	–	–
Birth asphyxia (768.5-768.9)	–	–	–	–	–	–	–	13	5	8	7	–	–	–
Respiratory distress syndrome (769)	9	8	–	–	1	–	–	51	21	28	28	–	2	2
Other respiratory conditions of newborn (770)	4	3	–	–	1	–	–	68	25	35	35	3	5	5
Infections specific to the perinatal period (771)	6	5	–	–	1	–	–	20	6	12	12	1	1	1
Neonatal hemorrhage (772)	1	1	–	–	–	–	–	7	2	4	4	–	1	1
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	4	4	–	–	–	–	–	71	22	46	46	2	1	1
Symptoms, signs, and ill-defined conditions (780-799)	16	–	–	–	13	3	1	134	3	13	13	47	71	68
Sudden infant death syndrome (798.0)	15	–	–	–	12	3	1	64	–	2	2	24	38	36
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	1	–	–	–	1	–	–	70	3	11	11	23	33	32
Accidents and adverse effects (E800-E949)	1	–	–	–	1	–	–	10	–	1	1	5	4	4
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Accidental mechanical suffocation (E913)	–	–	–	–	–	–	–	3	–	–	–	2	1	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	1	–	–	–	1	–	–	7	–	1	1	3	3	3
Homicide (E960-E969)	2	2	–	–	–	–	–	6	–	–	–	1	5	5
Child battering and other maltreatment (E967)	–	–	–	–	–	–	–	2	–	–	–	1	1	1
Other homicide (E960-E966,E968-E969)	2	2	–	–	–	–	–	4	–	–	–	–	4	4
All other causes (Residual)	2	2	–	–	–	–	–	28	6	4	4	9	9	7

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.
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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Massachusetts							Michigan						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	650	358	90	78	169	33	29	1,641	589	486	473	343	223	218
Certain intestinal infections (008-009)	1	–	–	–	1	–	–	4	–	–	–	2	2	2
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Septicemia[1] (038)	5	. . .	. . .	. . .	5	–	–	17	. . .	. . .	. . .	7	10	9
Viral diseases (045-079)	1	1	–	–	–	–	–	4	–	–	–	2	2	2
Congenital syphilis (090)	–	–	–	–	–	–	–	3	–	2	2	–	1	1
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	2	–	–	–	2	–	–	9	–	1	1	4	4	4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	–	–	–	1	–	–	4	2	–	–	1	1	1
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Meningitis (320-322)	1	1	–	–	–	–	–	11	2	–	–	3	6	6
Other diseases of nervous system and sense organs (323-389)	9	1	–	–	7	1	1	16	–	1	–	14	1	1
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	1	–	–	–	–	1	1
Bronchitis and bronchiolitis (466,490-491)	2	–	–	–	2	–	–	6	–	–	–	3	3	3
Pneumonia and influenza (480-487)	8	2	2	2	2	2	2	25	–	1	1	15	9	9
Pneumonia (480-486)	8	2	2	2	2	2	2	25	–	1	1	15	9	9
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	6	1	–	–	4	1	1	11	2	1	1	7	1	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	–	–	–	–	1	1	10	1	2	2	4	3	3
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	–	–	–	–	–	–	–	3	–	2	2	–	1	1
Remainder of diseases of digestive system (520-534,536-543,562-579)	3	–	–	–	3	–	–	5	–	–	–	4	1	1
Congenital anomalies (740-759)	148	103	10	7	31	4	2	301	164	59	58	56	22	21
Anencephalus and similar anomalies (740)	2	–	2	2	–	–	–	13	8	5	5	–	–	–
Spina bifida (741)	1	–	1	1	–	–	–	3	2	–	–	1	–	–
Congenital hydrocephalus (742.3)	5	4	–	–	–	1	1	5	2	2	2	–	1	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	6	5	1	1	–	–	–	13	7	2	2	3	1	1
Congenital anomalies of heart (745-746)	53	33	1	–	17	2	–	94	36	10	10	35	13	13
Other congenital anomalies of circulatory system (747)	7	5	1	–	–	1	1	11	6	4	4	1	–	–
Congenital anomalies of respiratory system (748)	25	21	2	1	2	–	–	54	36	15	15	1	2	2
Congenital anomalies of digestive system (749-751)	3	2	–	–	1	–	–	5	1	1	1	2	1	1
Congenital anomalies of genitourinary system (752-753)	7	6	–	–	1	–	–	14	8	6	6	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	9	7	–	–	2	–	–	23	14	7	7	2	–	–
Down's syndrome (758.0)	1	–	–	–	1	–	–	4	1	–	–	1	2	1
Other chromosomal anomalies (758.1-758.9)	14	8	1	1	5	–	–	34	29	2	2	3	–	–
All other and unspecified congenital anomalies (744,757,759)	15	12	1	1	2	–	–	28	14	5	4	7	2	2
Certain conditions originating in the perinatal period (760-779)	319	230	74	65	9	6	4	823	384	393	385	19	27	27
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	3	2	1	1	–	–	–	3	2	1	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	44	38	6	5	–	–	–	108	57	51	51	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	24	19	5	5	–	–	–	24	16	7	7	1	–	–
Newborn affected by other complications of labor and delivery (763)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	1	–	1	1	–	–	–	1	1	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	77	53	24	21	–	–	–	251	87	163	158	–	1	1
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	1	1	–	–	–	–	–	15	10	4	4	1	–	–
Intrauterine hypoxia and birth asphyxia (768)	9	7	1	–	–	1	1	27	16	10	9	–	1	1
Fetal distress in liveborn infant (768.2-768.4)	5	5	–	–	–	–	–	7	3	3	2	–	1	1
Birth asphyxia (768.5-768.9)	4	2	1	–	–	1	1	20	13	7	7	–	–	–
Respiratory distress syndrome (769)	50	34	10	10	5	1	–	164	93	62	62	5	4	4
Other respiratory conditions of newborn (770)	50	32	14	13	3	1	1	120	52	42	41	10	16	16
Infections specific to the perinatal period (771)	16	13	3	2	–	–	–	34	15	17	16	–	2	2
Neonatal hemorrhage (772)	5	4	–	–	–	1	–	8	2	6	6	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	–	–	–	1	–	–	3	2	–	–	–	1	1
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	1	–	–	–	–	–	1	1	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	37	26	9	7	–	2	2	64	30	30	30	2	2	2
Symptoms, signs, and ill-defined conditions (780-799)	98	8	2	2	75	13	13	266	12	10	9	155	89	86
Sudden infant death syndrome (798.0)	81	4	2	2	64	11	11	259	12	7	6	153	87	84
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	17	4	–	–	11	2	2	7	–	3	3	2	2	2
Accidents and adverse effects (E800-E949)	11	1	–	–	8	2	2	37	1	2	2	20	14	14
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	1	–	–	–	–	–	4	–	–	–	3	1	1
Accidental mechanical suffocation (E913)	4	–	–	–	4	–	–	14	–	–	–	7	7	7
Other accidental causes and adverse effects (E800-E910,E914-E949)	6	–	–	–	4	2	2	19	1	2	2	10	6	6
Homicide (E960-E969)	2	–	–	–	2	–	–	20	3	2	2	4	11	11
Child battering and other maltreatment (E967)	–	–	–	–	–	–	–	14	1	1	1	2	10	10
Other homicide (E960-E966,E968-E969)	2	–	–	–	2	–	–	6	2	1	1	2	1	1
All other causes (Residual)	31	10	2	2	16	3	3	62	18	10	8	20	14	14

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.
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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Minnesota							Mississippi						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	496	251	44	32	156	45	29	529	110	222	219	78	119	117
Certain intestinal infections (008-009)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	2	–	–	–	2	–	–	2	–	–	–	2	–	–
Septicemia[1] (038)	1	. . .	. . .	. . .	–	1	–	4	. . .	. . .	. . .	2	2	2
Viral diseases (045-079)	2	–	–	–	1	1	–	–	–	–	–	–	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	2	–	1	1	–	1	1
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	–	–	–	–	–	–	–	3	–	–	–	1	2	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	–	–	–	1	–	–	2	–	–	–	2	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	–	–	–	–	–	–	–	2	1	–	–	1	–	–
Meningitis (320-322)	–	–	–	–	–	–	–	4	–	–	–	–	4	4
Other diseases of nervous system and sense organs (323-389)	8	1	1	–	5	1	–	7	–	–	–	2	5	5
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Pneumonia and influenza (480-487)	4	1	–	–	3	–	–	11	1	1	1	1	8	8
Pneumonia (480-486)	4	1	–	–	3	–	–	11	1	1	1	1	8	8
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	2	–	–	–	1	1	–	8	1	–	–	1	6	6
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	–	–	–	–	–	–	–	2	1	–	–	–	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	1	–	–	–	1	–	–	3	–	–	–	1	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	2	–	–	–	1	1	1	8	–	3	3	2	3	3
Congenital anomalies (740-759)	145	97	14	8	30	4	4	99	35	40	38	14	10	9
Anencephalus and similar anomalies (740)	14	11	3	1	–	–	–	4	1	3	3	–	–	–
Spina bifida (741)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Congenital hydrocephalus (742.3)	3	1	–	–	2	–	–	4	–	2	2	1	1	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	4	3	1	1	–	–	–	3	1	1	1	1	–	–
Congenital anomalies of heart (745-746)	43	25	2	–	12	4	4	33	9	10	10	8	6	5
Other congenital anomalies of circulatory system (747)	5	4	–	–	1	–	–	11	3	8	8	–	–	–
Congenital anomalies of respiratory system (748)	26	18	4	3	4	–	–	10	6	4	4	–	–	–
Congenital anomalies of digestive system (749-751)	2	1	–	–	1	–	–	1	–	–	–	–	1	1
Congenital anomalies of genitourinary system (752-753)	10	8	2	1	–	–	–	10	6	3	2	–	1	1
Congenital anomalies of musculoskeletal system (754-756)	13	11	1	1	1	–	–	4	3	1	1	–	–	–
Down's syndrome (758.0)	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Other chromosomal anomalies (758.1-758.9)	16	9	1	1	6	–	–	7	4	3	3	–	–	–
All other and unspecified congenital anomalies (744,757,759)	7	4	–	–	3	–	–	11	1	5	4	4	1	1
Certain conditions originating in the perinatal period (760-779)	188	144	28	23	12	4	3	235	62	166	165	6	1	1
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	7	2	4	3	–	1	1	1	–	1	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	38	33	5	4	–	–	–	11	–	11	11	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	27	24	3	2	–	–	–	9	5	4	4	–	–	–
Newborn affected by other complications of labor and delivery (763)	3	3	–	–	–	–	–	2	–	2	2	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	20	15	5	5	–	–	–	40	4	36	36	–	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	–	–	–	–	–	–	–	3	1	2	2	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	7	6	–	–	1	–	–	13	5	8	8	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	2	2	–	–	–	–	–	2	1	1	1	–	–	–
Birth asphyxia (768.5-768.9)	5	4	–	–	1	–	–	11	4	7	7	–	–	–
Respiratory distress syndrome (769)	31	26	4	3	–	1	1	59	19	36	36	4	–	–
Other respiratory conditions of newborn (770)	28	17	4	4	7	–	–	45	13	29	29	2	1	1
Infections specific to the perinatal period (771)	13	6	3	2	3	1	–	13	4	9	9	–	–	–
Neonatal hemorrhage (772)	3	3	–	–	–	–	–	6	1	5	5	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	–	–	–	–	–	–	–	2	–	2	2	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	10	8	–	–	1	1	1	31	10	21	20	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	103	3	–	–	77	23	16	86	5	7	7	25	49	48
Sudden infant death syndrome (798.0)	97	3	–	–	75	19	12	75	4	4	4	23	44	44
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	6	–	–	–	2	4	4	11	1	3	3	2	5	4
Accidents and adverse effects (E800-E949)	15	1	1	1	12	1	–	17	–	–	–	6	11	11
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	4	–	–	–	3	1	–	2	–	–	–	–	2	2
Accidental mechanical suffocation (E913)	2	–	–	–	2	–	–	3	–	–	–	1	2	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	9	1	1	1	7	–	–	12	–	–	–	5	7	7
Homicide (E960-E969)	6	–	–	–	2	4	3	2	–	–	–	–	2	2
Child battering and other maltreatment (E967)	1	–	–	–	1	–	–	1	–	–	–	–	1	1
Other homicide (E960-E966,E968-E969)	5	–	–	–	1	4	3	1	–	–	–	–	1	1
All other causes (Residual)	15	4	–	–	7	4	2	32	4	4	4	12	12	12

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Missouri							Montana						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	748	316	135	134	184	113	113	105	41	12	–	42	10	1
Certain intestinal infections (008-009)	3	–	–	–	3	–	–	–	–	–	–	–	–	–
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	2	1	–	–	–	1	1	–	–	–	–	–	–	–
Septicemia[1] (038)	3	. . .	. . .	. . .	2	1	1	–	. . .	. . .	. . .	–	–	–
Viral diseases (045-079)	3	–	1	1	2	–	–	–	–	–	–	–	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	4	–	–	–	3	1	1	1	1	–	–	–	–	–
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	4	–	1	1	3	–	–	1	–	–	–	1	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3	1	–	–	1	1	1	–	–	–	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningitis (320-322)	4	–	–	–	3	1	1	1	1	–	–	–	–	–
Other diseases of nervous system and sense organs (323-389)	7	2	–	–	4	1	1	3	1	–	–	2	–	–
Acute upper respiratory infections (460-465)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	3	1	–	–	1	1	1	2	1	–	–	1	–	–
Pneumonia and influenza (480-487)	9	–	–	–	5	4	4	1	–	1	–	–	–	–
Pneumonia (480-486)	9	–	–	–	5	4	4	1	–	1	–	–	–	–
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	7	2	–	–	3	2	2	1	1	–	–	–	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	–	1	1	–	–	–	–	–	–	–	–	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3	1	–	–	2	–	–	1	1	–	–	–	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	6	2	–	–	3	1	1	–	–	–	–	–	–	–
Congenital anomalies (740-759)	159	103	18	18	26	12	12	21	10	3	–	6	2	–
Anencephalus and similar anomalies (740)	7	6	1	1	–	–	–	–	–	–	–	–	–	–
Spina bifida (741)	2	–	–	–	1	1	1	1	–	–	–	1	–	–
Congenital hydrocephalus (742.3)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	12	8	2	2	2	–	–	2	1	1	–	–	–	–
Congenital anomalies of heart (745-746)	48	25	5	5	12	6	6	7	4	1	–	1	1	–
Other congenital anomalies of circulatory system (747)	9	5	1	1	3	–	–	1	1	–	–	–	–	–
Congenital anomalies of respiratory system (748)	25	19	4	4	1	1	1	4	3	1	–	–	–	–
Congenital anomalies of digestive system (749-751)	2	1	–	–	1	–	–	1	–	–	–	–	1	–
Congenital anomalies of genitourinary system (752-753)	13	12	–	–	–	1	1	1	1	–	–	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	12	5	4	4	3	–	–	–	–	–	–	–	–	–
Down's syndrome (758.0)	2	1	–	–	1	–	–	1	–	–	–	1	–	–
Other chromosomal anomalies (758.1-758.9)	14	11	–	–	2	1	1	2	–	–	–	2	–	–
All other and unspecified congenital anomalies (744,757,759)	12	9	1	1	–	2	2	1	–	–	–	1	–	–
Certain conditions originating in the perinatal period (760-779)	317	183	107	106	14	13	13	31	22	8	–	1	–	–
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	6	3	3	3	–	–	–	1	1	–	–	–	–	–
Newborn affected by maternal complications of pregnancy (761)	35	28	7	7	–	–	–	3	2	1	–	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	18	10	7	7	–	1	1	2	–	2	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	3	3	–	–	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	61	35	25	25	1	–	–	4	4	–	–	–	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	6	4	2	2	–	–	–	–	–	–	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	7	5	1	1	–	1	1	2	2	–	–	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	2	1	–	–	–	1	1	1	1	–	–	–	–	–
Birth asphyxia (768.5-768.9)	5	4	1	1	–	–	–	1	1	–	–	–	–	–
Respiratory distress syndrome (769)	52	27	22	21	2	1	1	8	7	1	–	–	–	–
Other respiratory conditions of newborn (770)	69	34	19	19	9	7	7	6	2	3	–	1	–	–
Infections specific to the perinatal period (771)	19	12	6	6	–	1	1	2	1	1	–	–	–	–
Neonatal hemorrhage (772)	4	3	1	1	–	–	–	1	1	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	2	–	1	1	–	1	1	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	35	19	13	13	2	1	1	2	2	–	–	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	146	8	5	5	73	60	60	33	2	–	–	25	6	1
Sudden infant death syndrome (798.0)	131	5	4	4	66	56	56	30	2	–	–	23	5	1
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	15	3	1	1	7	4	4	3	–	–	–	2	1	–
Accidents and adverse effects (E800-E949)	22	2	1	1	16	3	3	3	–	–	–	3	–	–
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3	–	–	–	3	–	–	–	–	–	–	–	–	–
Accidental mechanical suffocation (E913)	8	–	–	–	7	1	1	2	–	–	–	2	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	11	2	1	1	6	2	2	1	–	–	–	1	–	–
Homicide (E960-E969)	5	–	–	–	1	4	4	1	–	–	–	1	–	–
Child battering and other maltreatment (E967)	4	–	–	–	1	3	3	1	–	–	–	1	–	–
Other homicide (E960-E966,E968-E969)	1	–	–	–	–	1	1	–	–	–	–	–	–	–
All other causes (Residual)	36	10	1	1	18	7	7	5	1	–	–	2	2	–

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Nebraska							Nevada						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	202	94	26	17	66	16	9	181	82	21	18	65	13	9
Certain intestinal infections (008-009)	1	–	–	–	–	1	1	–	–	–	–	–	–	–
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Septicemia[2] (038)	1	...	...	...	1	–	–	1	...	...	...	1	–	–
Viral diseases (045-079)	1	1	–	–	–	–	–	3	1	–	–	2	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	3	1	–	–	1	1	1	1	1	–	–	–	–	–
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	1	–	–	–	–	1	1	–	–	–	–	–	–	–
Meningitis (320-322)	1	–	–	–	1	–	–	1	–	1	1	–	–	–
Other diseases of nervous system and sense organs (323-389)	3	–	–	–	3	–	–	2	–	–	–	2	–	–
Acute upper respiratory infections (460-465)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	–	–	–	–	–	–	–	1	–	–	–	–	1	1
Pneumonia and influenza (480-487)	–	–	–	–	–	–	–	4	–	–	–	4	–	–
Pneumonia (480-486)	–	–	–	–	–	–	–	4	–	–	–	4	–	–
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	3	1	–	–	1	1	–	1	1	–	–	–	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	–	–	–	1	–	–	1	1	–	–	–	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	1	–	1	1	–	–	–	3	–	2	2	1	–	–
Congenital anomalies (740-759)	49	34	6	4	8	1	1	35	25	4	3	6	–	–
Anencephalus and similar anomalies (740)	5	5	–	–	–	–	–	2	2	–	–	–	–	–
Spina bifida (741)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Congenital hydrocephalus (742.3)	2	–	–	–	1	1	1	4	1	1	1	2	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Congenital anomalies of heart (745-746)	12	9	–	–	3	–	–	13	10	2	1	1	–	–
Other congenital anomalies of circulatory system (747)	2	2	–	–	–	–	–	2	1	–	–	1	–	–
Congenital anomalies of respiratory system (748)	7	5	2	2	–	–	–	4	4	–	–	–	–	–
Congenital anomalies of digestive system (749-751)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Congenital anomalies of genitourinary system (752-753)	1	1	–	–	–	–	–	2	2	–	–	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	3	2	1	1	–	–	–	1	1	–	–	–	–	–
Down's syndrome (758.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other chromosomal anomalies (758.1-758.9)	10	7	–	–	3	–	–	3	1	–	–	2	–	–
All other and unspecified congenital anomalies (744,757,759)	5	3	2	1	–	–	–	4	3	1	1	–	–	–
Certain conditions originating in the perinatal period (760-779)	73	51	19	12	3	–	–	64	47	13	11	4	–	–
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	–	1	1	–	–	–	1	–	1	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	10	8	2	2	–	–	–	7	4	3	2	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	7	5	2	1	–	–	–	8	8	–	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	12	9	3	3	–	–	–	7	7	–	–	–	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	4	2	2	2	–	–	–	1	1	–	–	–	–	–
Fetal distress in livebom infant (768.2-768.4)	2	1	1	1	–	–	–	1	1	–	–	–	–	–
Birth asphyxia (768.5-768.9)	2	1	1	1	–	–	–	–	–	–	–	–	–	–
Respiratory distress syndrome (769)	6	5	1	1	–	–	–	12	11	–	–	1	–	–
Other respiratory conditions of newborn (770)	20	11	6	2	3	–	–	13	8	2	1	3	–	–
Infections specific to the perinatal period (771)	3	2	1	–	–	–	–	3	1	2	2	–	–	–
Neonatal hemorrhage (772)	2	2	–	–	–	–	–	2	2	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	8	7	1	–	–	–	–	9	4	5	5	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	40	1	–	–	33	6	4	46	3	–	–	33	10	7
Sudden infant death syndrome (798.0)	40	1	–	–	33	6	4	44	2	–	–	33	9	6
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	–	–	–	–	–	–	–	2	1	–	–	–	1	1
Accidents and adverse effects (E800-E949)	9	1	–	–	6	2	1	5	–	–	–	4	1	–
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	1	–	–	–	–	–	1	–	–	–	1	–	–
Accidental mechanical suffocation (E913)	3	–	–	–	1	2	1	–	–	–	–	–	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	5	–	–	–	5	–	–	4	–	–	–	3	1	–
Homicide (E960-E969)	2	–	–	–	–	2	–	3	1	1	1	1	–	–
Child battering and other maltreatment (E967)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Other homicide (E960-E966,E968-E969)	2	–	–	–	–	2	–	2	1	1	1	–	–	–
All other causes (Residual)	12	3	–	–	8	1	–	9	2	–	–	6	1	1

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	New Hampshire							New Jersey						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	125	67	-	-	57	1	1	1,102	450	299	263	177	176	162
Certain intestinal infections (008-009)	1	-	-	-	1	-	-	4	-	-	-	4	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia[1] (038)	-	...	...	...	-	-	-	3	...	...	...	3	-	-
Viral diseases (045-079)	-	-	-	-	-	-	-	1	-	1	1	-	-	-
Congenital syphilis (090)	-	-	-	-	-	-	-	3	-	3	3	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	-	-	-	-	-	-	-	11	-	1	1	2	8	8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	1	-	-	-	-	-	3	-	-	-	2	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	1	-	-	-	1	-	-	6	2	-	-	2	2	2
Meningitis (320-322)	1	-	-	-	1	-	-	3	-	-	-	2	1	1
Other diseases of nervous system and sense organs (323-389)	1	-	-	-	1	-	-	14	-	2	2	8	4	3
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	5	-	-	-	5	-	-	11	4	1	1	3	3	3
Pneumonia (480-486)	5	-	-	-	5	-	-	11	4	1	1	3	3	3
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	2	-	-	-	2	-	-	3	-	-	-	-	3	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	-	-	-	-	-	-	4	1	-	-	2	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	-	-	-	-	-	-	-	5	-	1	1	3	1	1
Remainder of diseases of digestive system (520-534,536-543,562-579)	1	-	-	-	1	-	-	8	1	-	-	2	5	5
Congenital anomalies (740-759)	34	21	-	-	13	-	-	224	116	45	36	42	21	20
Anencephalus and similar anomalies (740)	1	1	-	-	-	-	-	8	5	3	1	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Congenital hydrocephalus (742.3)	-	-	-	-	-	-	-	4	2	1	1	-	1	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	1	1	-	-	-	-	-	9	5	1	1	3	-	-
Congenital anomalies of heart (745-746)	14	5	-	-	9	-	-	70	23	10	7	24	13	12
Other congenital anomalies of circulatory system (747)	3	1	-	-	2	-	-	28	15	8	8	4	1	1
Congenital anomalies of respiratory system (748)	1	1	-	-	-	-	-	25	18	2	1	3	2	2
Congenital anomalies of digestive system (749-751)	1	-	-	-	1	-	-	6	4	-	-	2	-	-
Congenital anomalies of genitourinary system (752-753)	2	2	-	-	-	-	-	13	7	5	5	-	1	1
Congenital anomalies of musculoskeletal system (754-756)	3	3	-	-	-	-	-	13	10	1	-	1	1	1
Down's syndrome (758.0)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Other chromosomal anomalies (758.1-758.9)	4	3	-	-	1	-	-	22	12	7	7	2	1	1
All other and unspecified congenital anomalies (744,757,759)	4	4	-	-	-	-	-	23	14	7	5	1	1	1
Certain conditions originating in the perinatal period (760-779)	45	41	-	-	4	-	-	576	307	225	198	17	27	25
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	-	-	-	-	-	-	-	10	4	5	5	-	1	1
Newborn affected by maternal complications of pregnancy (761)	5	5	-	-	-	-	-	40	24	14	11	-	2	2
Newborn affected by complications of placenta, cord, and membranes (762)	9	9	-	-	-	-	-	27	14	12	10	-	1	1
Newborn affected by other complications of labor and delivery (763)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	2	-	1	1	-	1	1
Disorders relating to short gestation and unspecified low birthweight (765)	5	5	-	-	-	-	-	131	67	63	58	1	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	1	-	-	-	-	-	2	2	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	-	-	-	-	-	-	-	29	17	6	6	3	3	2
Fetal distress in liveborn infant (768.2-768.4)	-	-	-	-	-	-	-	7	6	-	-	-	1	1
Birth asphyxia (768.5-768.9)	-	-	-	-	-	-	-	22	11	6	6	3	2	1
Respiratory distress syndrome (769)	4	4	-	-	-	-	-	123	69	46	38	5	3	3
Other respiratory conditions of newborn (770)	9	5	-	-	4	-	-	95	49	29	23	6	11	11
Infections specific to the perinatal period (771)	3	3	-	-	-	-	-	25	12	10	10	-	3	3
Neonatal hemorrhage (772)	1	1	-	-	-	-	-	11	3	8	7	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	8	8	-	-	-	-	-	79	44	31	29	2	2	1
Symptoms, signs, and ill-defined conditions (780-799)	22	-	-	-	22	-	-	145	6	12	12	58	69	61
Sudden infant death syndrome (798.0)	18	-	-	-	18	-	-	68	2	3	3	34	29	25
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	4	-	-	-	4	-	-	77	4	9	9	24	40	36
Accidents and adverse effects (E800-E949)	2	-	-	-	1	1	1	22	1	1	1	10	10	10
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	-	-	-	-	1	1	4	-	1	1	-	3	3
Accidental mechanical suffocation (E913)	-	-	-	-	-	-	-	6	-	-	-	3	3	3
Other accidental causes and adverse effects (E800-E910,E914-E949)	1	-	-	-	1	-	-	12	1	-	-	7	4	4
Homicide (E960-E969)	2	-	-	-	2	-	-	12	-	-	-	3	9	8
Child battering and other maltreatment (E967)	1	-	-	-	1	-	-	6	-	-	-	1	5	4
Other homicide (E960-E966,E968-E969)	1	-	-	-	1	-	-	6	-	-	-	2	4	4
All other causes (Residual)	6	4	-	-	2	-	-	43	11	7	7	14	11	10

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.
(Page 17 of 26)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	New Mexico							New York						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	246	124	21	4	81	20	6	2,851	1,153	778	750	508	412	399
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	6	-	-	-	5	1	1
Whooping cough (033)	-	-	-	-	-	-	-	2	-	-	-	1	1	1
Meningococcal infection (036)	-	-	-	-	-	-	-	6	-	-	-	4	2	1
Septicemia[1] (038)	3	...	...	...	1	2	1	27	...	...	...	15	12	12
Viral diseases (045-079)	-	-	-	-	-	-	-	9	2	3	2	4	-	-
Congenital syphilis (090)	-	-	-	-	-	-	-	1	-	1	1	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	-	-	-	-	-	-	-	49	-	-	-	22	27	27
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	-	-	-	1	-	-	5	-	-	-	4	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	1	-	-	-	-	-	7	1	2	2	2	2	2
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	2	-	1	1	1	-	-
Diseases of blood and blood-forming organs (280-289)	1	-	-	-	-	1	-	7	2	1	1	3	1	1
Meningitis (320-322)	2	-	1	1	-	1	-	12	4	1	1	1	6	3
Other diseases of nervous system and sense organs (323-389)	3	-	-	-	3	-	-	37	-	-	-	25	12	11
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	3	-	-	-	3	-	-
Bronchitis and bronchiolitis (466,490-491)	2	-	-	-	1	1	-	6	-	-	-	3	3	3
Pneumonia and influenza (480-487)	3	-	-	-	3	-	-	60	9	10	10	19	22	22
Pneumonia (480-486)	3	-	-	-	3	-	-	60	9	10	10	19	22	22
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	-	-	-	-	-	-	-	22	1	3	3	11	7	7
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	-	-	-	-	-	-	6	3	1	1	2	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3	1	1	-	1	-	-	11	2	1	-	4	4	4
Remainder of diseases of digestive system (520-534,536-543,562-579)	-	-	-	-	-	-	-	11	3	-	-	5	3	3
Congenital anomalies (740-759)	71	46	7	-	14	4	-	521	279	104	95	96	42	38
Anencephalus and similar anomalies (740)	4	2	1	-	-	1	-	21	15	4	3	2	-	-
Spina bifida (741)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital hydrocephalus (742.3)	-	-	-	-	-	-	-	13	6	2	1	3	2	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	1	1	-	-	-	-	-	13	7	4	4	1	1	1
Congenital anomalies of heart (745-746)	22	13	2	-	6	1	-	183	91	25	23	45	22	19
Other congenital anomalies of circulatory system (747)	4	3	-	-	1	-	-	34	11	11	11	7	5	5
Congenital anomalies of respiratory system (748)	3	3	-	-	-	-	-	65	47	16	16	1	1	1
Congenital anomalies of digestive system (749-751)	4	2	1	-	-	1	-	9	3	2	2	3	1	1
Congenital anomalies of genitourinary system (752-753)	6	4	1	-	1	-	-	29	21	4	3	2	2	2
Congenital anomalies of musculoskeletal system (754-756)	4	4	-	-	-	-	-	41	21	15	13	4	1	1
Down's syndrome (758.0)	1	-	-	-	1	-	-	6	3	-	-	3	-	-
Other chromosomal anomalies (758.1-758.9)	14	8	1	-	4	1	-	60	27	10	10	19	4	3
All other and unspecified congenital anomalies (744,757,759)	8	6	1	-	1	-	-	47	27	11	9	6	3	3
Certain conditions originating in the perinatal period (760-779)	93	70	12	3	11	-	-	1,474	779	602	587	42	51	50
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	2	-	-	-	-	-	30	14	11	11	1	4	4
Newborn affected by maternal complications of pregnancy (761)	6	4	2	-	-	-	-	95	53	42	42	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	6	6	-	-	-	-	-	64	44	19	18	-	1	1
Newborn affected by other complications of labor and delivery (763)	1	1	-	-	-	-	-	5	4	1	1	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	21	19	2	-	-	-	-	232	118	111	106	1	2	2
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	1	-	1	1	-	-	-
Birth trauma (767)	2	2	-	-	-	-	-	22	18	4	4	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	5	5	-	-	-	-	-	73	43	20	20	6	4	4
Fetal distress in liveborn infant (768.2-768.4)	1	1	-	-	-	-	-	20	13	5	5	-	2	2
Birth asphyxia (768.5-768.9)	4	4	-	-	-	-	-	53	30	15	15	6	2	2
Respiratory distress syndrome (769)	24	15	4	1	5	-	-	241	122	105	100	8	6	6
Other respiratory conditions of newborn (770)	11	7	1	1	3	-	-	201	93	61	59	22	25	24
Infections specific to the perinatal period (771)	7	5	2	1	-	-	-	79	49	27	27	1	2	2
Neonatal hemorrhage (772)	1	-	1	-	-	-	-	27	15	12	12	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	2	2	-	-	-	-	-	3	3	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	5	2	-	-	3	-	-	400	202	188	186	3	7	7
Symptoms, signs, and ill-defined conditions (780-799)	46	4	-	-	35	7	3	376	26	27	26	167	156	156
Sudden infant death syndrome (798.0)	41	2	-	-	34	5	2	203	8	6	6	105	84	84
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	5	2	-	-	1	2	1	173	18	21	20	62	72	72
Accidents and adverse effects (E800-E949)	5	1	-	-	4	-	-	43	2	-	-	25	16	14
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	7	-	-	-	3	4	3
Accidental mechanical suffocation (E913)	2	-	-	-	2	-	-	8	-	-	-	2	6	5
Other accidental causes and adverse effects (E800-E910,E914-E949)	3	1	-	-	2	-	-	28	2	-	-	20	6	6
Homicide (E960-E969)	6	-	-	-	4	2	1	28	9	2	2	7	10	10
Child battering and other maltreatment (E967)	6	-	-	-	4	2	1	9	2	-	-	2	5	5
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	19	7	2	2	5	5	5
All other causes (Residual)	6	1	-	-	3	2	1	120	31	19	18	37	33	32

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

(Page 18 of 26)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	North Carolina							North Dakota						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	1,109	378	386	368	200	145	139	74	48	3	-	17	6	-
Certain intestinal infections (008-009)	2	-	-	-	-	2	2	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Septicemia[1] (038)	9	...	...	...	7	2	2	-	...	...	...	-	-	-
Viral diseases (045-079)	4	-	1	1	2	1	1	-	-	-	-	-	-	-
Congenital syphilis (090)	2	-	2	2	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	4	1	-	-	2	1	1	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	4	-	1	1	1	2	2	-	-	-	-	-	-	-
Meningitis (320-322)	5	-	-	-	4	1	1	1	-	1	-	-	-	-
Other diseases of nervous system and sense organs (323-389)	5	-	1	1	4	-	-	1	-	-	-	1	-	-
Acute upper respiratory infections (460-465)	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	10	-	-	-	3	7	7	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	22	4	2	2	5	11	9	-	-	-	-	-	-	-
Pneumonia (480-486)	22	4	2	2	5	11	9	-	-	-	-	-	-	-
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	6	2	1	1	2	1	1	-	-	-	-	-	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2	1	-	-	1	-	-	-	-	-	-	-	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Congenital anomalies (740-759)	216	109	47	44	42	18	17	17	7	1	-	7	2	-
Anencephalus and similar anomalies (740)	8	5	3	3	-	-	-	1	1	-	-	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital hydrocephalus (742.3)	4	3	-	-	1	-	-	-	-	-	-	-	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	6	2	2	1	2	-	-	1	-	-	-	-	1	-
Congenital anomalies of heart (745-746)	73	29	11	10	22	11	11	7	3	-	-	4	-	-
Other congenital anomalies of circulatory system (747)	20	9	3	3	7	1	1	1	-	-	-	1	-	-
Congenital anomalies of respiratory system (748)	38	23	14	14	-	1	-	-	-	-	-	-	-	-
Congenital anomalies of digestive system (749-751)	2	1	-	-	-	1	1	1	-	1	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	10	7	2	2	1	-	-	-	-	-	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	14	6	3	2	4	1	1	1	-	-	-	-	1	-
Down's syndrome (758.0)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Other chromosomal anomalies (758.1-758.9)	19	13	1	1	4	1	1	2	1	-	-	1	-	-
All other and unspecified congenital anomalies (744,757,759)	22	11	8	8	1	2	2	2	2	-	-	-	-	-
Certain conditions originating in the perinatal period (760-779)	590	238	320	305	13	19	19	41	39	1	-	1	-	-
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	6	-	6	6	-	-	-	-	-	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	76	38	38	37	-	-	-	7	7	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	46	26	20	20	-	-	-	3	3	-	-	-	-	-
Newborn affected by other complications of labor and delivery (763)	4	1	3	3	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	3	-	3	3	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	124	48	75	74	1	-	-	12	12	-	-	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	7	3	3	3	1	-	-	3	3	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	29	11	11	11	4	3	3	1	1	-	-	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	3	1	2	2	-	-	-	-	-	-	-	-	-	-
Birth asphyxia (768.5-768.9)	26	10	9	9	4	3	3	1	1	-	-	-	-	-
Respiratory distress syndrome (769)	72	28	39	35	-	5	5	3	1	1	-	1	-	-
Other respiratory conditions of newborn (770)	115	39	59	54	6	11	11	7	7	-	-	-	-	-
Infections specific to the perinatal period (771)	26	13	12	12	1	-	-	2	2	-	-	-	-	-
Neonatal hemorrhage (772)	9	5	4	3	-	-	-	-	-	-	-	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	3	2	1	1	-	-	-	-	-	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	70	24	46	43	-	-	-	3	3	-	-	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	154	10	5	5	82	57	55	10	-	-	-	6	4	-
Sudden infant death syndrome (798.0)	140	8	2	2	75	55	53	9	-	-	-	6	3	-
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	14	2	3	3	7	2	2	1	-	-	-	-	1	-
Accidents and adverse effects (E800-E949)	22	-	2	2	13	7	6	1	-	-	-	1	-	-
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3	-	1	1	1	1	1	-	-	-	-	-	-	-
Accidental mechanical suffocation (E913)	6	-	-	-	5	1	1	-	-	-	-	-	-	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	13	-	1	1	7	5	4	1	-	-	-	1	-	-
Homicide (E960-E969)	18	4	1	1	2	11	11	-	-	-	-	-	-	-
Child battering and other maltreatment (E967)	6	1	-	-	2	3	3	-	-	-	-	-	-	-
Other homicide (E960-E966,E968-E969)	12	3	1	1	-	8	8	-	-	-	-	-	-	-
All other causes (Residual)	26	9	3	3	9	5	5	3	2	-	-	1	-	-

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Ohio							Oklahoma						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	1,640	720	323	318	403	194	189	438	179	56	44	155	48	29
Certain intestinal infections (008-009)	8	–	–	–	3	5	5	–	–	–	–	–	–	–
Whooping cough (033)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Septicemia[1] (038)	4	. . .	. . .	. . .	2	2	2	4	. . .	. . .	. . .	1	3	2
Viral diseases (045-079)	7	2	–	–	4	1	1	2	1	–	–	1	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	2	–	–	–	–	2	2	3	–	–	–	2	1	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5	–	–	–	3	2	2	–	–	–	–	–	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2	2	–	–	–	–	–	2	1	–	–	1	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	1	–	1	1	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	2	–	–	–	1	1	1	–	–	–	–	–	–	–
Meningitis (320-322)	2	1	–	–	–	1	1	4	–	–	–	3	1	1
Other diseases of nervous system and sense organs (323-389)	15	2	–	–	9	4	4	10	1	–	–	8	1	–
Acute upper respiratory infections (460-465)	1	–	–	–	1	–	–	2	–	1	–	1	–	–
Bronchitis and bronchiolitis (466,490-491)	6	–	–	–	2	4	4	2	–	–	–	2	–	–
Pneumonia and influenza (480-487)	29	2	2	2	16	9	9	5	–	–	–	5	–	–
Pneumonia (480-486)	29	2	2	2	16	9	9	4	–	–	–	4	–	–
Influenza (487)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Remainder of diseases of respiratory system (470-478,492-519)	9	–	–	–	5	4	3	3	–	–	–	3	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	4	1	1	1	2	–	–	1	–	–	–	1	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	4	–	1	1	3	–	–	2	–	–	–	2	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	6	1	–	–	4	1	1	3	–	–	–	3	–	–
Congenital anomalies (740-759)	338	212	40	37	69	17	17	104	57	12	7	30	5	3
Anencephalus and similar anomalies (740)	26	22	3	3	1	–	–	6	4	2	1	–	–	–
Spina bifida (741)	2	1	–	–	1	–	–	2	–	–	–	1	1	–
Congenital hydrocephalus (742.3)	6	3	–	–	3	–	–	3	1	–	–	2	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	16	9	2	2	5	–	–	2	–	1	1	1	–	–
Congenital anomalies of heart (745-746)	101	44	9	9	40	8	8	30	11	3	–	14	2	1
Other congenital anomalies of circulatory system (747)	12	5	3	3	4	–	–	11	9	–	–	2	–	–
Congenital anomalies of respiratory system (748)	54	43	8	7	2	1	1	14	9	3	3	2	–	–
Congenital anomalies of digestive system (749-751)	9	5	2	2	2	–	–	1	–	–	–	1	–	–
Congenital anomalies of genitourinary system (752-753)	19	15	3	3	1	–	–	11	11	–	–	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	23	20	2	2	1	–	–	7	4	–	–	3	–	–
Down's syndrome (758.0)	7	5	–	–	1	1	1	1	–	–	–	–	1	1
Other chromosomal anomalies (758.1-758.9)	32	22	2	2	4	4	4	5	3	–	–	1	1	1
All other and unspecified congenital anomalies (744,757,759)	31	18	6	4	4	3	3	11	5	3	2	3	–	–
Certain conditions originating in the perinatal period (760-779)	786	461	264	262	36	25	24	153	106	35	32	8	4	2
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	9	5	1	1	–	3	3	1	–	1	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	117	66	50	50	1	–	–	16	14	2	2	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	56	35	20	20	1	–	–	4	2	2	2	–	–	–
Newborn affected by other complications of labor and delivery (763)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	185	96	87	87	2	–	–	20	13	7	7	–	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	8	7	1	1	–	–	–	4	3	1	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	24	17	6	6	–	1	1	8	3	3	3	2	–	–
Fetal distress in liveborn infant (768.2-768.4)	8	4	4	4	–	–	–	1	–	1	1	–	–	–
Birth asphyxia (768.5-768.9)	16	13	2	2	–	1	1	7	3	2	2	2	–	–
Respiratory distress syndrome (769)	139	94	32	30	8	5	4	21	17	3	3	–	1	–
Other respiratory conditions of newborn (770)	136	66	36	36	21	13	13	27	12	7	5	5	3	2
Infections specific to the perinatal period (771)	33	27	6	6	–	–	–	11	10	1	1	–	–	–
Neonatal hemorrhage (772)	9	4	4	4	–	1	1	3	3	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	2	1	–	–	1	–	–	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	2	1	1	1	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	66	42	20	20	2	2	2	38	29	8	8	1	–	–
Symptoms, signs, and ill-defined conditions (780-799)	312	16	7	7	194	95	92	96	5	3	2	59	29	17
Sudden infant death syndrome (798.0)	261	11	4	4	166	80	78	86	3	–	–	55	28	16
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	51	5	3	3	28	15	14	10	2	3	2	4	1	1
Accidents and adverse effects (E800-E949)	33	1	–	–	24	8	8	11	–	–	–	10	1	1
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	7	–	–	–	6	1	1	1	–	–	–	1	–	–
Accidental mechanical suffocation (E913)	7	–	–	–	4	3	3	2	–	–	–	2	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	19	1	–	–	14	4	4	8	–	–	–	7	1	1
Homicide (E960-E969)	11	2	–	–	4	5	5	5	1	–	–	3	1	1
Child battering and other maltreatment (E967)	6	–	–	–	4	2	2	1	–	–	–	1	–	–
Other homicide (E960-E966,E968-E969)	5	2	–	–	–	3	3	4	1	–	–	2	1	1
All other causes (Residual)	52	16	7	7	21	8	8	26	7	5	3	12	2	1

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Oregon							Pennsylvania						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	354	164	16	9	150	24	10	1,643	721	367	352	374	181	171
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	3	-	-	-	1	2	2
Whooping cough (033)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Meningococcal infection (036)	1	-	-	-	1	-	-	2	-	-	-	1	1	1
Septicemia[1] (038)	-	...	...	...	-	-	-	16	...	...	...	10	6	6
Viral diseases (045-079)	3	2	-	-	-	1	-	3	-	-	-	-	3	3
Congenital syphilis (090)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	-	-	-	-	-	-	-	6	-	-	-	4	2	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2	-	-	-	2	-	-	6	2	-	-	4	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	-	-	-	1	-	-	2	-	-	-	2	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	1	-	1	1	-	-	-
Diseases of blood and blood-forming organs (280-289)	2	1	-	-	1	-	-	3	1	1	1	-	1	-
Meningitis (320-322)	1	-	-	-	1	-	-	6	-	2	2	3	1	1
Other diseases of nervous system and sense organs (323-389)	6	1	-	-	5	-	-	22	-	-	-	18	4	3
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	1	-	-	-	1	-	-
Bronchitis and bronchiolitis (466,490-491)	1	-	-	-	-	1	-	2	-	-	-	2	-	-
Pneumonia and influenza (480-487)	4	1	-	-	1	2	-	27	3	2	2	14	8	7
Pneumonia (480-486)	4	1	-	-	1	2	-	27	3	2	2	14	8	7
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	2	-	-	-	2	-	-	7	3	-	-	4	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	-	-	-	-	-	-	3	-	-	-	2	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	-	-	-	-	-	-	-	6	2	-	-	2	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	2	-	-	-	2	-	-	6	-	-	-	6	-	-
Congenital anomalies (740-759)	76	51	5	2	20	-	-	341	201	38	32	79	23	19
Anencephalus and similar anomalies (740)	5	4	1	-	-	-	-	15	13	1	1	1	-	-
Spina bifida (741)	1	1	-	-	-	-	-	5	2	-	-	3	-	-
Congenital hydrocephalus (742.3)	-	-	-	-	-	-	-	5	4	-	-	1	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	3	2	-	-	1	-	-	18	6	3	2	9	-	-
Congenital anomalies of heart (745-746)	28	15	1	1	12	-	-	106	45	10	8	40	11	11
Other congenital anomalies of circulatory system (747)	1	1	-	-	-	-	-	17	7	3	1	6	1	-
Congenital anomalies of respiratory system (748)	11	9	2	1	-	-	-	56	41	12	11	2	1	1
Congenital anomalies of digestive system (749-751)	2	1	-	-	1	-	-	3	2	1	1	-	-	-
Congenital anomalies of genitourinary system (752-753)	4	4	-	-	-	-	-	22	19	1	1	2	-	-
Congenital anomalies of musculoskeletal system (754-756)	6	3	-	-	3	-	-	24	18	3	3	2	1	1
Down's syndrome (758.0)	-	-	-	-	-	-	-	5	3	-	-	1	1	1
Other chromosomal anomalies (758.1-758.9)	8	7	-	-	1	-	-	39	23	2	2	8	6	3
All other and unspecified congenital anomalies (744,757,759)	7	4	1	-	2	-	-	26	18	2	2	4	2	2
Certain conditions originating in the perinatal period (760-779)	112	92	11	7	8	1	1	828	478	307	298	26	17	17
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	2	-	-	-	-	-	5	5	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	23	22	1	1	-	-	-	82	49	33	33	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	14	10	4	3	-	-	-	46	31	15	14	-	-	-
Newborn affected by other complications of labor and delivery (763)	1	1	-	-	-	-	-	1	1	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	1	1	-	-	-	-	-	3	3	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	11	9	2	1	-	-	-	253	125	125	121	3	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	2	2	-	-	-	-	-	8	6	2	1	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	9	7	1	-	1	-	-	27	19	6	6	2	-	-
Fetal distress in liveborn infant (768.2-768.4)	3	2	-	-	1	-	-	9	7	1	1	1	-	-
Birth asphyxia (768.5-768.9)	6	5	1	-	-	-	-	18	12	5	5	1	-	-
Respiratory distress syndrome (769)	15	11	1	1	2	1	1	114	77	31	30	3	3	3
Other respiratory conditions of newborn (770)	15	10	1	1	4	-	-	121	63	32	30	14	12	12
Infections specific to the perinatal period (771)	10	9	-	-	1	-	-	39	24	14	14	1	-	-
Neonatal hemorrhage (772)	-	-	-	-	-	-	-	17	14	3	3	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	-	-	-	-	-	-	-	3	2	1	1	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	9	8	1	-	-	-	-	109	59	45	45	3	2	2
Symptoms, signs, and ill-defined conditions (780-799)	113	8	-	-	91	14	7	246	13	9	9	139	85	83
Sudden infant death syndrome (798.0)	109	5	-	-	90	14	7	231	12	6	6	130	83	81
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	4	3	-	-	1	-	-	15	1	3	3	9	2	2
Accidents and adverse effects (E800-E949)	11	1	-	-	7	3	2	34	1	1	1	20	12	12
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	2	-	-	-	-	2	1	7	-	-	-	6	1	1
Accidental mechanical suffocation (E913)	4	1	-	-	2	1	1	9	-	-	-	4	5	5
Other accidental causes and adverse effects (E800-E910,E914-E949)	5	-	-	-	5	-	-	18	1	1	1	10	6	6
Homicide (E960-E969)	4	2	-	-	1	1	-	11	2	-	-	7	2	2
Child battering and other maltreatment (E967)	1	-	-	-	1	-	-	5	-	-	-	3	2	2
Other homicide (E960-E966,E968-E969)	3	2	-	-	-	1	-	6	2	-	-	4	-	-
All other causes (Residual)	12	5	-	-	6	1	-	59	14	6	6	28	11	10

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.
(Page 21 of 26)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Rhode Island							South Carolina						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	123	80	9	8	29	5	5	683	202	263	262	92	126	126
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	1	-	-	-	-	1	1
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia[1] (038)	1	...	...	...	-	1	1	7	...	...	...	6	1	1
Viral diseases (045-079)	-	-	-	-	-	-	-	2	-	1	1	-	1	1
Congenital syphilis (090)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	1	1	-	-	-	-	-	3	-	1	1	-	2	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	-	-	-	-	-	-	-	1	-	-	-	-	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	-	-	-	-	-	-	-	2	-	1	1	1	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	-	-	-	-	-	-	-	2	-	1	1	-	1	1
Meningitis (320-322)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nervous system and sense organs (323-389)	5	-	-	-	5	-	-	7	-	2	2	1	4	4
Acute upper respiratory infections (460-465)	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	2	-	-	-	2	-	-	2	-	-	-	2	-	-
Pneumonia and influenza (480-487)	5	2	-	-	2	1	1	8	2	-	-	1	5	5
Pneumonia (480-486)	5	2	-	-	2	1	1	8	2	-	-	1	5	5
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	-	-	-	-	-	-	-	14	-	-	-	6	8	8
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	-	-	-	-	-	-	-	2	-	1	1	-	1	1
Remainder of diseases of digestive system (520-534,536-543,562-579)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Congenital anomalies (740-759)	35	29	2	1	3	1	1	127	57	33	32	20	17	17
Anencephalus and similar anomalies (740)	-	-	-	-	-	-	-	8	2	6	5	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	2	1	-	-	1	-	-
Congenital hydrocephalus (742.3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	2	-	-	-	-	-	7	4	1	1	-	2	2
Congenital anomalies of heart (745-746)	11	7	1	1	2	1	1	38	9	13	13	9	7	7
Other congenital anomalies of circulatory system (747)	3	3	-	-	-	-	-	6	2	1	1	2	1	1
Congenital anomalies of respiratory system (748)	1	1	-	-	-	-	-	24	16	5	5	1	2	2
Congenital anomalies of digestive system (749-751)	1	1	-	-	-	-	-	3	-	1	1	1	1	1
Congenital anomalies of genitourinary system (752-753)	2	2	-	-	-	-	-	10	7	2	2	-	1	1
Congenital anomalies of musculoskeletal system (754-756)	5	5	-	-	-	-	-	8	5	2	2	-	1	1
Down's syndrome (758.0)	-	-	-	-	-	-	-	2	1	-	-	-	1	1
Other chromosomal anomalies (758.1-758.9)	3	2	-	-	1	-	-	11	7	-	-	3	1	1
All other and unspecified congenital anomalies (744,757,759)	7	6	1	-	-	-	-	8	3	2	2	3	-	-
Certain conditions originating in the perinatal period (760-779)	55	46	6	6	2	1	1	362	134	211	211	6	11	11
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	1	-	-	-	-	-	6	1	5	5	-	-	-
Newborn affected by maternal complications of pregnancy (761)	3	2	1	1	-	-	-	36	13	23	23	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	10	8	2	2	-	-	-	16	6	10	10	-	-	-
Newborn affected by other complications of labor and delivery (763)	-	-	-	-	-	-	-	2	1	1	1	-	-	-
Slow fetal growth and fetal malnutrition (764)	2	2	-	-	-	-	-	1	-	1	1	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	8	7	1	1	-	-	-	93	27	66	66	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	1	-	-	-	-	-	6	4	2	2	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	1	1	-	-	-	-	-	12	5	7	7	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	-	-	-	-	-	-	-	4	2	2	2	-	-	-
Birth asphyxia (768.5-768.9)	1	1	-	-	-	-	-	8	3	5	5	-	-	-
Respiratory distress syndrome (769)	7	7	-	-	-	-	-	54	24	27	27	1	2	2
Other respiratory conditions of newborn (770)	10	7	1	1	2	-	-	75	28	35	35	4	8	8
Infections specific to the perinatal period (771)	7	6	-	-	-	1	1	19	11	8	8	-	-	-
Neonatal hemorrhage (772)	-	-	-	-	-	-	-	4	2	2	2	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	5	4	1	1	-	-	-	38	12	24	24	1	1	1
Symptoms, signs, and ill-defined conditions (780-799)	6	1	1	1	4	-	-	92	5	6	6	34	47	47
Sudden infant death syndrome (798.0)	3	-	-	-	3	-	-	82	4	2	2	33	43	43
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	3	1	1	1	1	-	-	10	1	4	4	1	4	4
Accidents and adverse effects (E800-E949)	3	-	-	-	3	-	-	16	-	-	-	6	10	10
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	5	-	-	-	1	4	4
Accidental mechanical suffocation (E913)	2	-	-	-	2	-	-	3	-	-	-	1	2	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	1	-	-	-	1	-	-	8	-	-	-	4	4	4
Homicide (E960-E969)	1	-	-	-	1	-	-	4	1	1	1	1	1	1
Child battering and other maltreatment (E967)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Other homicide (E960-E966,E968-E969)	1	-	-	-	1	-	-	3	1	1	1	-	1	1
All other causes (Residual)	7	1	-	-	5	1	1	29	3	5	5	6	15	15

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

(Page 22 of 26)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	South Dakota							Tennessee						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	111	44	15	-	33	19	1	771	282	208	206	168	113	109
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	1	-	-	-	-	1	1
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Septicemia[1] (038)	-	...	...	...	-	-	-	7	...	...	...	1	6	6
Viral diseases (045-079)	-	-	-	-	-	-	-	4	2	1	1	1	-	-
Congenital syphilis (090)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	1	-	-	-	-	1	-	4	-	-	-	1	3	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	-	-	-	-	1	-	3	-	-	-	3	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	1	-	-	-	1	-	-	1	-	-	-	1	-	-
Meningitis (320-322)	1	-	-	-	1	-	-	5	2	1	1	1	1	1
Other diseases of nervous system and sense organs (323-389)	3	-	-	-	3	-	-	6	-	-	-	4	2	2
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	2	-	-	-	1	1	1
Pneumonia and influenza (480-487)	1	-	-	-	1	-	-	8	2	-	-	4	2	2
Pneumonia (480-486)	1	-	-	-	1	-	-	8	2	-	-	4	2	2
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	-	-	-	-	-	-	-	4	1	-	-	1	2	2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	-	-	-	-	-	-	-	3	-	-	-	1	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	1	-	-	-	1	-	-	4	1	1	1	2	-	-
Congenital anomalies (740-759)	28	18	5	-	5	-	-	170	82	33	33	37	18	18
Anencephalus and similar anomalies (740)	4	4	-	-	-	-	-	5	4	1	1	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	3	3	-	-	-	-	-
Congenital hydrocephalus (742.3)	1	1	-	-	-	-	-	3	2	1	1	-	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	2	-	-	-	-	-	7	3	-	-	4	-	-
Congenital anomalies of heart (745-746)	6	3	1	-	2	-	-	46	13	10	10	15	8	8
Other congenital anomalies of circulatory system (747)	2	2	-	-	-	-	-	20	7	6	6	4	3	3
Congenital anomalies of respiratory system (748)	5	2	2	-	1	-	-	17	12	4	4	1	-	-
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	2	1	-	-	-	1	1
Congenital anomalies of genitourinary system (752-753)	1	-	1	-	-	-	-	17	10	6	6	1	-	-
Congenital anomalies of musculoskeletal system (754-756)	2	2	-	-	-	-	-	16	9	-	-	4	3	3
Down's syndrome (758.0)	1	-	-	-	1	-	-	3	-	2	2	1	-	-
Other chromosomal anomalies (758.1-758.9)	2	2	-	-	-	-	-	21	11	2	2	5	3	3
All other and unspecified congenital anomalies (744,757,759)	2	-	1	-	1	-	-	10	7	1	1	2	-	-
Certain conditions originating in the perinatal period (760-779)	32	21	9	-	2	-	-	355	173	153	153	17	12	12
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	3	2	1	-	-	-	-	24	13	10	10	1	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	5	3	2	-	-	-	-	14	10	4	4	-	-	-
Newborn affected by other complications of labor and delivery (763)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	1	-	-	-	-	1	1
Disorders relating to short gestation and unspecified low birthweight (765)	3	3	-	-	-	-	-	83	30	52	52	1	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	1	-	-	-	-	-	3	2	1	1	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	6	2	3	-	1	-	-	14	11	2	2	-	1	1
Fetal distress in liveborn infant (768.2-768.4)	3	1	1	-	1	-	-	4	3	-	-	-	1	1
Birth asphyxia (768.5-768.9)	3	1	2	-	-	-	-	10	8	2	2	-	-	-
Respiratory distress syndrome (769)	6	5	1	-	-	-	-	49	27	16	16	4	2	2
Other respiratory conditions of newborn (770)	3	1	1	-	1	-	-	74	27	34	34	6	7	7
Infections specific to the perinatal period (771)	1	1	-	-	-	-	-	27	12	11	11	3	1	1
Neonatal hemorrhage (772)	1	1	-	-	-	-	-	3	-	3	3	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2	1	1	-	-	-	-	61	39	20	20	2	-	-
Symptoms, signs, and ill-defined conditions (780-799)	32	1	-	-	18	13	1	128	6	8	7	70	44	43
Sudden infant death syndrome (798.0)	30	-	-	-	18	12	1	108	3	7	6	61	37	36
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	2	1	-	-	-	1	-	20	3	1	1	9	7	7
Accidents and adverse effects (E800-E949)	5	1	1	-	1	2	-	19	-	1	1	9	9	7
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	-	-	-	-	1	-	3	-	-	-	1	2	2
Accidental mechanical suffocation (E913)	1	1	-	-	-	-	-	1	-	-	-	1	-	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	3	-	1	-	1	1	-	15	-	1	1	7	7	5
Homicide (E960-E969)	1	-	-	-	-	1	-	7	-	-	-	3	4	4
Child battering and other maltreatment (E967)	1	-	-	-	-	1	-	5	-	-	-	3	2	2
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	2	-	-	-	-	2	2
All other causes (Residual)	3	2	-	-	-	1	-	35	11	10	9	8	6	5

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

(Page 23 of 26)

[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Texas							Utah						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	2,552	1,148	418	392	729	257	244	271	129	10	1	122	10	4
Certain intestinal infections (008-009)	2	–	–	–	–	2	2	–	–	–	–	–	–	–
Whooping cough (033)	1	–	–	–	–	1	1	–	–	–	–	–	–	–
Meningococcal infection (036)	2	1	–	–	1	–	–	–	–	–	–	–	–	–
Septicemia[1] (038)	19	...	...	...	11	8	6	2	...	...	...	2	–	–
Viral diseases (045-079)	9	2	1	1	6	–	–	2	–	–	–	2	–	–
Congenital syphilis (090)	4	–	4	4	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	11	–	–	–	6	5	5	1	1	–	–	–	–	–
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	9	1	–	–	6	2	2	–	–	–	–	–	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3	2	–	–	–	1	1	1	1	–	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	2	–	–	–	1	1	1	–	–	–	–	–	–	–
Meningitis (320-322)	17	2	4	4	6	5	5	1	–	–	–	1	–	–
Other diseases of nervous system and sense organs (323-389)	34	4	–	–	27	3	3	5	–	–	–	5	–	–
Acute upper respiratory infections (460-465)	2	–	–	–	1	1	1	1	1	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	7	–	–	–	5	2	2	–	–	–	–	–	–	–
Pneumonia and influenza (480-487)	58	6	2	2	39	11	11	5	1	1	–	2	1	1
Pneumonia (480-486)	57	5	2	2	39	11	11	4	1	1	–	1	1	1
Influenza (487)	1	1	–	–	–	–	–	1	–	–	–	1	–	–
Remainder of diseases of respiratory system (470-478,492-519)	32	4	–	–	20	8	7	2	2	–	–	–	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	4	–	1	1	2	1	1	–	–	–	–	–	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	15	1	1	1	9	4	3	1	–	–	–	1	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	9	1	1	1	5	2	2	4	–	–	–	4	–	–
Congenital anomalies (740-759)	672	414	80	69	149	29	26	85	57	4	1	23	1	–
Anencephalus and similar anomalies (740)	48	40	6	4	2	–	–	6	5	1	1	–	–	–
Spina bifida (741)	11	8	1	1	2	–	–	–	–	–	–	–	–	–
Congenital hydrocephalus (742.3)	16	8	1	1	6	1	1	2	1	–	–	1	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	21	12	2	2	6	1	1	3	1	–	–	2	–	–
Congenital anomalies of heart (745-746)	212	108	22	19	69	13	12	29	17	–	–	11	1	–
Other congenital anomalies of circulatory system (747)	43	25	4	3	10	4	4	4	1	1	–	2	–	–
Congenital anomalies of respiratory system (748)	95	74	15	13	6	–	–	13	10	1	–	2	–	–
Congenital anomalies of digestive system (749-751)	11	4	2	2	4	1	1	3	2	–	–	1	–	–
Congenital anomalies of genitourinary system (752-753)	33	23	9	8	–	1	1	4	4	–	–	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	48	35	6	6	4	3	3	3	–	1	–	2	–	–
Down's syndrome (758.0)	6	–	1	–	5	–	–	2	1	–	–	1	–	–
Other chromosomal anomalies (758.1-758.9)	74	41	5	4	24	4	2	13	12	–	–	1	–	–
All other and unspecified congenital anomalies (744,757,759)	54	36	6	6	11	1	1	3	3	–	–	–	–	–
Certain conditions originating in the perinatal period (760-779)	1,037	646	301	288	59	31	30	67	60	5	–	2	–	–
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	6	3	2	2	1	–	–	2	2	–	–	–	–	–
Newborn affected by maternal complications of pregnancy (761)	59	45	14	12	–	–	–	9	9	–	–	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	47	37	9	9	1	–	–	10	8	2	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	5	3	2	2	–	–	–	1	1	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	3	1	1	1	1	–	–	2	2	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	242	120	114	105	7	1	1	9	7	2	–	–	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	15	12	3	3	–	–	–	2	2	–	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	37	20	10	10	5	2	2	4	4	–	–	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	8	4	2	2	1	1	1	1	1	–	–	–	–	–
Birth asphyxia (768.5-768.9)	29	16	8	8	4	1	1	3	3	–	–	–	–	–
Respiratory distress syndrome (769)	209	145	48	47	12	4	4	6	5	–	–	1	–	–
Other respiratory conditions of newborn (770)	188	103	41	41	25	19	19	12	10	1	–	1	–	–
Infections specific to the perinatal period (771)	63	45	14	14	2	2	1	6	6	–	–	–	–	–
Neonatal hemorrhage (772)	25	20	5	5	–	–	–	1	1	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	2	1	–	–	1	–	–	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	135	90	38	37	4	3	3	3	3	–	–	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	376	25	7	7	257	87	84	75	2	–	–	66	7	3
Sudden infant death syndrome (798.0)	341	18	6	6	240	77	74	74	2	–	–	65	7	3
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	35	7	1	1	17	10	10	1	–	–	–	1	–	–
Accidents and adverse effects (E800-E949)	80	5	2	2	52	21	21	5	–	–	–	4	1	–
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	18	3	–	–	12	3	3	1	–	–	–	1	–	–
Accidental mechanical suffocation (E913)	17	1	1	1	9	6	6	2	–	–	–	2	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	45	1	1	1	31	12	12	2	–	–	–	1	1	–
Homicide (E960-E969)	20	–	–	–	11	9	9	5	–	–	–	5	–	–
Child battering and other maltreatment (E967)	7	–	–	–	4	3	3	4	–	–	–	4	–	–
Other homicide (E960-E966,E968-E969)	13	–	–	–	7	6	6	1	–	–	–	1	–	–
All other causes (Residual)	127	34	14	12	56	23	21	9	4	–	–	5	–	–

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Vermont							Virginia						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	53	30	–	–	23	–	–	1,013	352	343	336	182	136	130
Certain intestinal infections (008-009)	–	–	–	–	–	–	–	3	1	1	1	–	1	1
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Septicemia[1] (038)	–	. . .	. . .	. . .	–	–	–	9	. . .	. . .	. . .	3	6	5
Viral diseases (045-079)	–	–	–	–	–	–	–	1	–	1	1	–	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	–	–	–	–	–	–	–	4	1	1	1	1	1	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	1	–	–	–	–	–	2	1	1	1	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	–	–	–	–	–	–	–	2	–	1	1	1	–	–
Meningitis (320-322)	–	–	–	–	–	–	–	5	1	–	–	3	1	1
Other diseases of nervous system and sense organs (323-389)	–	–	–	–	–	–	–	17	1	1	1	10	5	5
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Bronchitis and bronchiolitis (466,490-491)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Pneumonia and influenza (480-487)	2	–	–	–	2	–	–	11	–	1	1	4	6	6
Pneumonia (480-486)	2	–	–	–	2	–	–	11	–	1	1	4	6	6
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	–	–	–	–	–	–	–	16	3	2	2	7	4	4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	–	–	–	–	–	–	–	1	–	1	1	–	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	–	–	–	–	–	–	–	8	1	–	–	6	1	1
Congenital anomalies (740-759)	10	10	–	–	–	–	–	181	93	39	35	34	15	14
Anencephalus and similar anomalies (740)	1	1	–	–	–	–	–	10	8	2	1	–	–	–
Spina bifida (741)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Congenital hydrocephalus (742.3)	1	1	–	–	–	–	–	2	–	1	1	1	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	–	–	–	–	–	–	–	6	2	2	2	1	1	1
Congenital anomalies of heart (745-746)	2	2	–	–	–	–	–	65	28	9	8	20	8	7
Other congenital anomalies of circulatory system (747)	–	–	–	–	–	–	–	8	5	1	1	–	2	2
Congenital anomalies of respiratory system (748)	–	–	–	–	–	–	–	26	18	6	6	1	1	1
Congenital anomalies of digestive system (749-751)	–	–	–	–	–	–	–	3	1	–	–	–	2	2
Congenital anomalies of genitourinary system (752-753)	1	1	–	–	–	–	–	10	7	3	2	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	1	1	–	–	–	–	–	16	6	6	6	4	–	–
Down's syndrome (758.0)	1	1	–	–	–	–	–	4	4	–	–	–	–	–
Other chromosomal anomalies (758.1-758.9)	3	3	–	–	–	–	–	17	5	6	5	5	1	1
All other and unspecified congenital anomalies (744,757,759)	–	–	–	–	–	–	–	13	8	3	3	2	–	–
Certain conditions originating in the perinatal period (760-779)	21	18	–	–	3	–	–	528	226	278	275	13	11	11
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	–	–	–	–	–	–	–	3	2	1	1	–	–	–
Newborn affected by maternal complications of pregnancy (761)	2	2	–	–	–	–	–	61	27	34	33	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	3	3	–	–	–	–	–	21	11	8	8	–	2	2
Newborn affected by other complications of labor and delivery (763)	–	–	–	–	–	–	–	1	–	1	1	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	2	2	–	–	–	–	–	167	61	103	102	1	2	2
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	1	1	–	–	–	–	–	6	3	3	3	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	1	1	–	–	–	–	–	18	15	3	3	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Birth asphyxia (768.5-768.9)	–	–	–	–	–	–	–	18	15	3	3	–	–	–
Respiratory distress syndrome (769)	1	1	–	–	–	–	–	36	14	17	17	3	2	2
Other respiratory conditions of newborn (770)	9	6	–	–	3	–	–	92	38	43	43	6	5	5
Infections specific to the perinatal period (771)	1	1	–	–	–	–	–	32	16	14	14	2	–	–
Neonatal hemorrhage (772)	1	1	–	–	–	–	–	9	6	3	3	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	–	–	–	–	–	–	–	80	32	48	47	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	13	–	–	–	13	–	–	128	9	5	5	66	48	47
Sudden infant death syndrome (798.0)	12	–	–	–	12	–	–	114	6	1	1	62	45	44
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	1	–	–	–	1	–	–	14	3	4	4	4	3	3
Accidents and adverse effects (E800-E949)	2	–	–	–	2	–	–	27	–	1	1	13	13	12
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	–	–	–	–	–	–	–	4	–	–	–	3	1	1
Accidental mechanical suffocation (E913)	2	–	–	–	2	–	–	11	–	–	–	5	6	6
Other accidental causes and adverse effects (E800-E910,E914-E949)	–	–	–	–	–	–	–	12	–	1	1	5	6	5
Homicide (E960-E969)	–	–	–	–	–	–	–	4	–	2	2	–	2	1
Child battering and other maltreatment (E967)	–	–	–	–	–	–	–	1	–	–	–	–	1	1
Other homicide (E960-E966,E968-E969)	–	–	–	–	–	–	–	3	–	2	2	–	1	–
All other causes (Residual)	3	1	–	–	2	–	–	63	15	8	8	18	22	21

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.
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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Washington							West Virginia						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	621	274	58	34	243	46	26	223	131	12	12	76	4	4
Certain intestinal infections (008-009)	1	–	–	–	1	–	–	2	–	–	–	2	–	–
Whooping cough (033)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Septicemia[1] (038)	4	. . .	. . .	. . .	4	–	–	4	. . .	. . .	. . .	4	–	–
Viral diseases (045-079)	2	1	–	–	–	1	–	–	–	–	–	–	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	1	–	–	–	1	–	–	1	–	–	–	1	–	–
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2	1	–	–	1	–	–	2	1	–	–	1	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Diseases of thymus gland (254)	1	–	–	–	–	1	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	2	–	1	–	1	–	–	1	–	–	–	1	–	–
Meningitis (320-322)	4	2	–	–	2	–	–	–	–	–	–	–	–	–
Other diseases of nervous system and sense organs (323-389)	9	–	–	–	8	1	1	4	–	–	–	4	–	–
Acute upper respiratory infections (460-465)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	3	–	–	–	2	1	1	2	–	–	–	2	–	–
Pneumonia and influenza (480-487)	3	–	1	1	1	1	–	3	1	–	–	2	–	–
Pneumonia (480-486)	3	–	1	1	1	1	–	3	1	–	–	2	–	–
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	3	–	–	–	3	–	–	2	1	–	–	1	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	3	1	–	–	2	–	–	1	1	–	–	–	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2	–	–	–	2	–	–	–	–	–	–	–	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	4	1	–	–	3	–	–	1	–	–	–	1	–	–
Congenital anomalies (740-759)	153	104	12	6	35	2	1	59	48	3	3	8	–	–
Anencephalus and similar anomalies (740)	10	8	2	1	–	–	–	2	2	–	–	–	–	–
Spina bifida (741)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Congenital hydrocephalus (742.3)	4	2	–	–	2	–	–	3	1	1	1	1	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	3	2	1	–	–	–	–	5	4	–	–	1	–	–
Congenital anomalies of heart (745-746)	49	23	4	1	20	2	1	20	13	1	1	6	–	–
Other congenital anomalies of circulatory system (747)	11	8	–	–	3	–	–	5	5	–	–	–	–	–
Congenital anomalies of respiratory system (748)	24	23	1	1	–	–	–	12	11	1	1	–	–	–
Congenital anomalies of digestive system (749-751)	2	1	–	–	1	–	–	–	–	–	–	–	–	–
Congenital anomalies of genitourinary system (752-753)	6	6	–	–	–	–	–	3	3	–	–	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	10	8	2	1	–	–	–	2	2	–	–	–	–	–
Down's syndrome (758.0)	2	1	–	–	1	–	–	1	1	–	–	–	–	–
Other chromosomal anomalies (758.1-758.9)	17	11	–	–	6	–	–	2	2	–	–	–	–	–
All other and unspecified congenital anomalies (744,757,759)	14	10	2	2	2	–	–	4	4	–	–	–	–	–
Certain conditions originating in the perinatal period (760-779)	193	140	43	27	7	3	2	83	68	9	9	5	1	1
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Newborn affected by maternal complications of pregnancy (761)	25	16	9	5	–	–	–	7	6	1	1	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	19	8	11	8	–	–	–	6	6	–	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	30	25	5	4	–	–	–	15	14	1	1	–	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	1	–	1	1	–	–	–	–	–	–	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	7	7	–	–	–	–	–	5	3	2	2	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	2	2	–	–	–	–	–	1	1	–	–	–	–	–
Birth asphyxia (768.5-768.9)	5	5	–	–	–	–	–	4	2	2	2	–	–	–
Respiratory distress syndrome (769)	29	19	6	2	3	1	1	15	12	1	1	2	–	–
Other respiratory conditions of newborn (770)	31	21	6	3	3	1	–	14	9	2	2	3	–	–
Infections specific to the perinatal period (771)	16	13	2	2	–	1	1	4	3	1	1	–	–	–
Neonatal hemorrhage (772)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	31	27	3	2	1	–	–	17	15	1	1	–	1	1
Symptoms, signs, and ill-defined conditions (780-799)	189	14	–	–	143	32	18	44	6	–	–	35	3	3
Sudden infant death syndrome (798.0)	185	12	–	–	141	32	18	38	5	–	–	30	3	3
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	4	2	–	–	2	–	–	6	1	–	–	5	–	–
Accidents and adverse effects (E800-E949)	10	1	–	–	8	1	1	4	–	–	–	4	–	–
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	–	–	–	–	–	–	–	1	–	–	–	1	–	–
Accidental mechanical suffocation (E913)	2	–	–	–	2	–	–	1	–	–	–	1	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	8	1	–	–	6	1	1	2	–	–	–	2	–	–
Homicide (E960-E969)	6	1	–	–	5	–	–	2	1	–	–	1	–	–
Child battering and other maltreatment (E967)	2	–	–	–	2	–	–	–	–	–	–	–	–	–
Other homicide (E960-E966,E968-E969)	4	1	–	–	3	–	–	2	1	–	–	1	–	–
All other causes (Residual)	24	8	1	–	12	3	2	8	4	–	–	4	–	–

Table 2-18. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1990—Con.

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[Data are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths in specified group. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix]

Cause of death	Wisconsin							Wyoming						
	Infant, All races	Neonatal			Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other			White	All other		White	All other	
			Total	Black		Total	Black			Total	Black		Total	Black
All causes	598	272	73	68	177	76	68	60	26	1	–	31	2	–
Certain intestinal infections (008-009)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whooping cough (033)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Septicemia[1] (038)	2	...	...	...	1	1	1	–	...	...	...	–	–	–
Viral diseases (045-079)	8	–	–	–	6	2	2	1	–	–	–	1	–	–
Congenital syphilis (090)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	3	–	–	–	1	2	2	–	–	–	–	–	–	–
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2	–	–	–	–	2	–	–	–	–	–	–	–	–
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2	1	–	–	1	–	–	–	–	–	–	–	–	–
Diseases of thymus gland (254)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cystic fibrosis (277.0)	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Diseases of blood and blood-forming organs (280-289)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningitis (320-322)	6	2	–	–	4	–	–	–	–	–	–	–	–	–
Other diseases of nervous system and sense organs (323-389)	3	1	–	–	1	1	1	1	1	–	–	–	–	–
Acute upper respiratory infections (460-465)	2	–	–	–	2	–	–	–	–	–	–	–	–	–
Bronchitis and bronchiolitis (466,490-491)	5	–	–	–	3	2	2	–	–	–	–	–	–	–
Pneumonia and influenza (480-487)	6	1	–	–	2	3	2	–	–	–	–	–	–	–
Pneumonia (480-486)	6	1	–	–	2	3	2	–	–	–	–	–	–	–
Influenza (487)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of respiratory system (470-478,492-519)	4	–	–	–	4	–	–	2	1	–	–	1	–	–
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2	1	–	–	–	1	1	1	–	–	–	1	–	–
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remainder of diseases of digestive system (520-534,536-543,562-579)	6	2	–	–	2	2	1	1	–	–	–	1	–	–
Congenital anomalies (740-759)	149	98	9	6	35	7	5	16	9	–	–	7	–	–
Anencephalus and similar anomalies (740)	7	6	1	–	–	–	–	–	–	–	–	–	–	–
Spina bifida (741)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Congenital hydrocephalus (742.3)	2	1	1	1	–	–	–	1	–	–	–	1	–	–
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	9	5	–	–	4	–	–	–	–	–	–	–	–	–
Congenital anomalies of heart (745-746)	47	27	2	2	16	2	1	5	3	–	–	2	–	–
Other congenital anomalies of circulatory system (747)	8	3	1	–	4	–	–	2	–	–	–	2	–	–
Congenital anomalies of respiratory system (748)	26	23	–	–	1	2	2	4	3	–	–	1	–	–
Congenital anomalies of digestive system (749-751)	1	–	1	–	–	–	–	1	–	–	–	1	–	–
Congenital anomalies of genitourinary system (752-753)	8	6	–	–	1	1	1	–	–	–	–	–	–	–
Congenital anomalies of musculoskeletal system (754-756)	12	8	–	–	3	1	–	1	1	–	–	–	–	–
Down's syndrome (758.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other chromosomal anomalies (758.1-758.9)	19	13	1	1	4	1	1	2	2	–	–	–	–	–
All other and unspecified congenital anomalies (744,757,759)	10	6	2	2	2	–	–	–	–	–	–	–	–	–
Certain conditions originating in the perinatal period (760-779)	224	154	57	56	7	6	5	15	14	1	–	–	–	–
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	6	1	3	3	–	2	2	–	–	–	–	–	–	–
Newborn affected by maternal complications of pregnancy (761)	34	24	10	10	–	–	–	–	–	–	–	–	–	–
Newborn affected by complications of placenta, cord, and membranes (762)	20	12	8	8	–	–	–	3	2	1	–	–	–	–
Newborn affected by other complications of labor and delivery (763)	3	2	1	1	–	–	–	1	1	–	–	–	–	–
Slow fetal growth and fetal malnutrition (764)	1	–	1	1	–	–	–	–	–	–	–	–	–	–
Disorders relating to short gestation and unspecified low birthweight (765)	42	32	9	9	–	1	1	4	4	–	–	–	–	–
Disorders relating to long gestation and high birthweight (766)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Birth trauma (767)	6	5	–	–	1	–	–	–	–	–	–	–	–	–
Intrauterine hypoxia and birth asphyxia (768)	6	4	2	2	–	–	–	1	1	–	–	–	–	–
Fetal distress in liveborn infant (768.2-768.4)	2	1	1	1	–	–	–	1	1	–	–	–	–	–
Birth asphyxia (768.5-768.9)	4	3	1	1	–	–	–	–	–	–	–	–	–	–
Respiratory distress syndrome (769)	39	31	4	4	2	2	1	–	–	–	–	–	–	–
Other respiratory conditions of newborn (770)	35	23	9	8	3	–	–	3	3	–	–	–	–	–
Infections specific to the perinatal period (771)	13	9	4	4	–	–	–	2	2	–	–	–	–	–
Neonatal hemorrhage (772)	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	–	–	–	–	1	1	–	–	–	–	–	–	–
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic disease of newborn (776.0)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	16	9	6	6	1	–	–	1	1	–	–	–	–	–
Symptoms, signs, and ill-defined conditions (780-799)	121	4	5	4	76	36	35	19	–	–	–	18	1	–
Sudden infant death syndrome (798.0)	116	4	4	3	75	33	33	19	–	–	–	18	1	–
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	5	–	1	1	1	3	2	–	–	–	–	–	–	–
Accidents and adverse effects (E800-E949)	19	3	–	–	11	5	5	1	–	–	–	–	1	–
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	2	–	–	–	2	–	–	1	–	–	–	–	1	–
Accidental mechanical suffocation (E913)	8	2	–	–	5	1	1	–	–	–	–	–	–	–
Other accidental causes and adverse effects (E800-E910,E914-E949)	9	1	–	–	4	4	4	–	–	–	–	–	–	–
Homicide (E960-E969)	8	–	–	–	7	1	1	–	–	–	–	–	–	–
Child battering and other maltreatment (E967)	6	–	–	–	5	1	1	–	–	–	–	–	–	–
Other homicide (E960-E966,E968-E969)	2	–	–	–	2	–	–	–	–	–	–	–	–	–
All other causes (Residual)	24	5	2	2	12	5	5	3	1	–	–	2	–	–

[1] Infant deaths under 28 days due to septicemia are assigned to Other infection specific to the perinatal period, category number 771.8, which is included in Infections specific to the perinatal period, category 771 of the Ninth Revision International Classification of Diseases, 1975.

Table 2-19. Infant Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1990

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[Data by place of residence exclude deaths occurring in the United States to nonresidents; however, data by place of occurrence include deaths to nonresidents. Unit of residence is defined as the county or county equivalent of which the mother was a resident]

State of occurrence	All infant deaths occurring in State	Infant deaths to residents of county of occurrence	Total infant deaths to nonresidents of county of occurrence	Infant deaths to intrastate nonresidents of county of occurrence	Infant deaths to interstate nonresidents by State of residence													
					Total	Ala.	Alaska	Ariz.	Ark.	Calif.	Colo.	Conn.	Del.	D.C.	Fla.	Ga.	Hawaii	Idaho
United States	38,424	26,365	12,059	10,091	1,895	26	9	21	40	45	7	18	9	10	41	76	3	22
Alabama	696	415	281	247	34	...	-	-	-	-	-	-	-	-	3	7	-	-
Alaska	116	89	27	27	-	-	...	-	-	-	-	-	-	-	-	-	-	-
Arizona	605	499	106	90	11	-	-	...	-	4	-	-	-	-	-	-	-	-
Arkansas	320	168	152	128	24	-	-	-	...	-	-	-	-	-	-	-	-	-
California	4,839	3,962	877	837	32	-	-	6	-	...	2	-	-	-	2	1	2	1
Colorado	506	276	230	189	41	1	-	1	-	1	...	-	-	-	-	1	-	-
Connecticut	394	289	105	91	14	-	-	-	-	-	-	...	-	-	-	-	-	-
Delaware	120	85	35	18	17	-	-	-	-	-	-	-	...	-	-	-	-	-
District of Columbia	464	235	229	-	228	-	-	-	-	1	-	-	1	...	-	-	-	-
Florida	1,934	1,499	435	378	48	5	-	-	-	1	-	-	-	-	...	24	-	-
Georgia	1,358	703	655	613	42	4	-	1	-	1	-	-	-	-	2	...	-	-
Hawaii	148	114	34	21	4	-	-	-	-	1	-	-	-	-	-	2	...	-
Idaho	126	97	29	24	5	-	-	-	-	-	-	-	-	-	-	-	-	...
Illinois	2,029	1,653	376	334	42	-	-	-	-	2	-	-	-	-	2	-	-	-
Indiana	812	537	275	240	34	-	-	-	-	-	-	-	-	-	-	1	-	-
Iowa	312	177	135	115	19	-	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	295	222	73	65	8	-	-	-	-	-	1	-	-	-	-	-	-	-
Kentucky	413	244	169	140	28	-	-	-	-	-	-	-	-	-	-	1	-	-
Louisiana	805	476	329	305	23	-	-	-	2	1	1	-	-	-	1	2	-	-
Maine	97	57	40	34	6	-	-	-	-	-	-	1	-	-	1	-	-	-
Maryland	586	382	204	175	29	-	-	-	-	1	-	-	2	8	3	-	-	-
Massachusetts	730	367	363	257	102	-	-	-	-	-	-	9	-	-	1	1	-	-
Michigan	1,647	1,178	469	443	22	-	-	1	-	2	-	-	-	-	2	1	-	-
Minnesota	531	317	214	157	55	-	1	1	-	-	-	-	-	-	-	-	-	1
Mississippi	500	267	233	203	30	10	-	-	1	-	-	-	-	-	6	1	-	-
Missouri	844	408	436	318	118	-	-	1	4	-	-	-	-	-	-	1	-	-
Montana	86	73	13	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	206	131	75	52	23	-	-	-	-	-	-	-	-	-	-	1	-	-
Nevada	195	166	29	8	21	-	-	2	-	15	1	-	-	-	-	-	-	-
New Hampshire	103	49	54	36	18	-	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	993	701	292	271	21	-	-	-	-	-	-	-	-	-	2	-	-	-
New Mexico	226	146	80	71	8	-	-	4	-	1	-	-	-	-	-	-	-	-
New York	2,844	2,346	498	432	62	-	-	1	-	-	2	5	-	-	1	-	-	-
North Carolina	1,108	664	444	410	33	-	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota	90	35	55	33	22	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	1,660	1,142	518	446	71	1	-	-	-	-	-	-	-	-	-	-	1	-
Oklahoma	423	288	135	129	6	-	-	-	1	-	-	-	-	-	-	-	-	-
Oregon	381	231	150	113	37	-	1	-	-	6	-	-	-	-	1	-	-	-
Pennsylvania	1,774	1,088	686	515	161	-	-	-	-	3	-	1	6	-	6	3	-	-
Rhode Island	118	81	37	21	16	-	-	-	-	-	-	2	-	-	1	-	-	-
South Carolina	660	389	271	250	21	-	-	-	-	-	-	-	-	-	3	11	-	-
South Dakota	98	57	41	33	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	878	515	363	235	127	4	-	-	26	-	-	-	-	-	-	15	-	-
Texas	2,577	1,913	664	605	53	1	-	-	6	1	-	-	-	-	1	-	-	1
Utah	301	208	93	59	34	-	-	3	-	2	-	-	-	-	-	-	-	11
Vermont	55	24	31	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	968	440	528	486	42	-	-	-	-	1	-	-	-	1	3	2	-	-
Washington	616	439	177	147	28	-	7	-	-	1	-	-	-	-	-	-	-	7
West Virginia	230	96	134	98	36	-	-	-	-	-	-	-	-	1	-	1	-	-
Wisconsin	571	396	175	163	12	-	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	36	31	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	1

Table 2-19. Infant Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1990—Con.
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[Data by place of residence exclude deaths occurring in the United States to nonresidents; however, data by place of occurrence include deaths to nonresidents. Unit of residence is defined as the county or county equivalent of which the mother was a resident]

State of occurrence	Infant deaths to interstate nonresidents by State of residence																			
	Ill.	Ind.	Iowa	Kans.	Ky.	La.	Maine	Md.	Mass.	Mich.	Minn.	Miss.	Mo.	Mont.	Nebr.	Nev.	N.H.	N.J.	N. Mex.	N.Y.
United States	117	54	27	42	77	18	17	209	26	20	22	59	22	21	19	7	40	130	29	73
Alabama	1	–	–	–	–	–	–	1	–	1	–	10	–	–	–	–	–	–	–	–
Alaska	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arizona	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	4	–
Arkansas	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
California	1	–	–	–	–	–	–	–	–	–	–	–	1	–	2	3	–	–	–	–
Colorado	1	–	–	3	–	–	–	–	–	1	–	–	–	5	3	–	–	–	4	–
Connecticut	–	–	–	–	–	–	–	–	5	–	–	–	–	–	–	–	–	–	–	6
Delaware	–	–	–	–	–	–	–	6	–	–	–	–	–	–	–	–	–	4	–	–
District of Columbia	–	–	–	–	–	–	–	177	–	–	–	–	–	–	–	–	–	–	–	3
Florida	2	–	–	–	–	1	–	–	1	1	1	1	–	–	–	–	–	3	–	1
Georgia	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–
Hawaii	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Idaho	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Illinois	. . .	20	2	–	–	–	–	–	–	2	1	–	3	–	–	–	–	1	–	2
Indiana	18	. . .	–	–	7	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–
Iowa	4	–	. . .	1	–	–	–	–	–	–	–	–	2	–	7	–	–	–	–	–
Kansas	–	–	–	. . .	–	–	–	–	–	–	–	–	7	–	–	–	–	–	–	–
Kentucky	1	18	–	–	. . .	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Louisiana	–	–	–	–	–	. . .	–	–	–	–	–	6	–	–	–	–	–	2	–	–
Maine	–	–	–	–	–	–	. . .	–	2	–	–	–	–	–	–	–	2	–	–	–
Maryland	–	–	–	–	–	1	1	. . .	–	–	–	–	–	–	–	–	–	–	–	2
Massachusetts	1	–	–	–	–	–	11	2	. . .	–	–	–	–	–	–	–	36	–	–	14
Michigan	3	2	–	–	–	–	–	–	–	. . .	–	–	1	–	2	–	–	–	–	–
Minnesota	–	–	9	–	–	–	–	–	–	1	. . .	–	–	–	2	–	–	–	–	–
Mississippi	1	–	–	–	–	8	–	–	–	1	–	. . .	1	–	–	–	–	–	–	–
Missouri	74	1	2	31	–	–	–	–	–	–	–	–	. . .	–	–	–	–	–	–	–
Montana	1	–	–	–	–	–	–	–	–	–	–	–	–	. . .	–	–	–	–	–	–
Nebraska	–	–	11	3	–	–	–	–	–	–	–	–	1	–	. . .	–	–	–	–	–
Nevada	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	. . .	–	–	1	–
New Hampshire	–	–	–	–	–	–	4	–	2	–	–	–	–	–	–	–	. . .	1	–	1
New Jersey	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	. . .	–	7
New Mexico	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	. . .	1
New York	–	1	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	39	–	. . .
North Carolina	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	1	–	–
North Dakota	–	–	–	–	–	–	–	–	–	–	15	–	–	1	–	–	–	–	–	–
Ohio	2	11	–	–	34	–	–	1	–	7	–	1	–	–	–	–	–	–	–	–
Oklahoma	–	–	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Oregon	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pennsylvania	–	–	–	–	1	1	–	6	–	1	–	1	–	–	–	–	–	77	–	23
Rhode Island	–	–	–	–	–	–	–	–	13	–	–	–	–	–	–	–	–	–	–	–
South Carolina	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
South Dakota	–	–	2	–	–	–	–	–	–	–	2	–	–	–	3	–	–	–	–	–
Tennessee	1	1	–	–	26	–	–	–	1	–	–	37	3	–	–	–	–	–	–	–
Texas	1	–	–	–	1	5	–	–	–	–	–	2	1	–	–	–	–	–	20	–
Utah	–	–	1	–	–	–	–	–	–	–	–	–	–	7	–	3	–	–	–	–
Vermont	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	11
Virginia	–	–	–	–	–	–	–	9	–	–	–	–	–	–	–	–	–	–	–	2
Washington	–	–	–	–	–	–	–	–	–	–	–	–	–	7	–	–	–	–	–	–
West Virginia	–	–	–	–	7	–	1	6	–	–	–	–	–	–	–	–	–	–	–	–
Wisconsin	4	–	–	–	–	–	–	–	–	3	3	–	–	–	–	–	–	–	–	–
Wyoming	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–

Table 2-19. Infant Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1990—Con.
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[Data by place of residence exclude deaths occurring in the United States to nonresidents; however, data by place of occurrence include deaths to nonresidents. Unit of residence is defined as the county or county equivalent of which the mother was a resident]

State of occurrence	Infant deaths to interstate nonresidents by State of residence																		Infant deaths to non-residents of U.S.
	N.C.	N. Dak.	Ohio	Okla.	Oreg.	Pa.	R.I.	S.C.	S. Dak.	Tenn.	Tex.	Utah	Vt.	Va.	Wash.	W. Va.	Wis.	Wyo.	
United States	35	6	52	21	10	40	21	44	21	21	34	4	14	87	35	29	39	26	73
Alabama	3	-	-	-	-	-	-	1	-	7	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	5
Arkansas	-	-	-	7	-	-	-	-	-	2	13	-	-	-	-	-	-	-	-
California	-	-	1	2	2	1	-	-	-	-	2	1	-	-	2	-	-	-	8
Colorado	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	18	-
Connecticut	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	6	-	-	-	-	-	-	-	1	-	-	-	-	-
District of Columbia	1	-	1	-	-	-	-	-	-	-	-	-	-	43	-	1	-	-	1
Florida	1	-	2	-	-	-	-	-	-	-	1	-	-	1	-	1	1	-	9
Georgia	3	-	-	-	-	-	-	27	-	1	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Idaho	-	-	-	-	1	-	-	-	-	-	-	-	-	-	3	-	-	1	-
Illinois	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	5	-	-
Indiana	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Iowa	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-	-	1	-	1
Kansas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	1	-	2	-	-	-	1	-	3	-	-	1
Louisiana	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	1
Maine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	2	-	1	-	-	-	-	-	8	-	-	-	-	-
Massachusetts	3	-	-	-	-	-	18	-	1	-	1	-	4	-	-	-	-	-	4
Michigan	-	-	6	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	4
Minnesota	-	2	-	-	-	-	-	-	7	-	-	-	-	-	-	-	31	-	2
Mississippi	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Nebraska	-	-	-	1	-	-	-	1	5	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-
New Jersey	-	-	-	-	-	9	-	-	-	-	-	-	-	1	-	-	-	-	-
New Mexico	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
New York	-	-	-	-	-	9	-	-	-	-	1	-	-	1	-	-	-	-	4
North Carolina	...	-	-	-	-	1	-	12	-	3	-	-	-	14	-	1	-	-	1
North Dakota	-	...	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
Ohio	-	-	...	-	-	6	-	-	-	1	-	-	-	-	-	6	-	-	1
Oklahoma	-	-	-	...	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	...	-	-	-	-	-	-	-	-	-	29	-	-	-	-
Pennsylvania	1	1	16	-	-	...	-	-	-	2	-	1	-	2	-	9	-	-	10
Rhode Island	-	-	-	-	-	-	...	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	4	-	-	-	-	1	-	...	-	-	-	-	-	-	-	2	-	-	-
South Dakota	-	1	-	-	-	-	-	-	...	-	-	-	-	-	-	-	-	-	-
Tennessee	1	-	-	-	-	1	-	-	-	...	-	-	-	11	-	-	-	-	1
Texas	-	1	2	6	1	-	-	-	-	1	...	-	-	-	-	1	1	-	6
Utah	1	-	-	-	-	-	-	-	-	-	-	...	-	-	-	-	-	6	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	...	2	-	-	-	-	1
Virginia	17	-	1	-	-	-	-	-	-	1	-	-	-	...	-	5	-	-	-
Washington	-	-	-	-	6	-	-	-	-	-	-	-	-	-	...	-	-	-	2
West Virginia	-	-	16	-	-	4	-	-	-	-	-	-	-	-	-	...	-	-	-
Wisconsin	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	...	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...	-

Table 2-20. Infant Deaths by Specified Hispanic Origin and Race for Non-Hispanic Origin: 47 Reporting States and the District of Columbia, 1990

[For discussion of completeness of reporting and comparability of data among the States see Technical Appendix]

State	All origins	Hispanic						Non-Hispanic			Not stated [2]
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [1]	White	Black	
Alabama	688	6	2	2	-	1	1	677	332	345	5
Alaska	125	2	1	1	-	-	-	121	62	8	2
Arizona	610	172	150	3	-	7	12	438	309	52	-
Arkansas	336	3	3	-	-	-	-	327	211	115	6
California	4,844	1,809	1,507	13	5	157	127	2,969	1,882	789	66
Colorado	472	90	32	1	-	1	56	379	311	56	3
Connecticut	398	27	8	15	-	1	3	266	183	78	105
Delaware	112	2	1	1	-	-	-	110	58	52	-
District of Columbia	245	5	2	-	-	3	-	238	18	220	2
Florida	1,918	174	43	37	52	33	9	1,726	949	765	18
Georgia	1,392	22	11	2	1	1	7	1,363	614	738	7
Hawaii	138	24	4	9	1	-	10	114	21	11	-
Idaho	143	10	9	-	-	1	-	133	128	-	-
Illinois	2,104	214	150	25	1	7	31	1,813	873	920	77
Indiana	831	17	11	4	-	-	2	810	643	164	4
Iowa	319	9	6	-	-	-	3	310	282	23	-
Kansas	329	20	17	-	-	-	3	299	236	57	10
Kentucky	461	2	1	-	-	-	1	442	375	66	17
Maine	108	1	-	1	-	-	-	88	85	-	19
Maryland	766	19	7	3	1	3	5	670	295	365	77
Massachusetts	650	66	1	42	-	20	3	577	461	100	7
Michigan	1,641	35	24	2	1	-	8	1,578	871	690	28
Minnesota	496	14	9	2	-	-	3	478	392	59	4
Mississippi	529	1	-	-	-	-	1	520	181	334	8
Missouri	748	8	4	-	1	-	3	739	492	246	1
Montana	105	1	1	-	-	-	-	100	78	1	4
Nebraska	202	4	3	-	-	-	1	194	152	26	4
Nevada	181	21	17	-	1	-	3	160	127	27	-
New Jersey	1,102	167	6	110	14	18	19	912	472	414	23
New Mexico	246	122	19	-	-	2	101	124	84	10	-
New York	2,851	356	12	140	-	34	170	2,030	1,031	965	465
North Carolina	1,109	11	7	2	-	1	1	1,096	567	506	2
North Dakota	74	-	-	-	-	-	-	66	57	-	8
Ohio	1,640	12	7	5	-	-	-	1,618	1,106	502	10
Oregon	354	30	26	1	-	-	3	323	284	18	1
Pennsylvania	1,643	65	3	47	-	-	15	1,566	1,024	517	12
Rhode Island	123	10	1	4	-	1	4	112	98	13	1
South Carolina	683	3	3	-	-	-	-	679	291	388	1
South Dakota	111	1	1	-	-	-	-	110	76	1	-
Tennessee	771	4	2	-	-	-	2	734	444	284	33
Texas	2,552	853	794	4	2	19	34	1,680	1,019	624	19
Utah	271	13	11	-	-	2	-	258	239	4	-
Vermont	53	-	-	-	-	-	-	43	43	-	10
Virginia	1,013	28	8	3	-	6	11	946	501	432	39
Washington	621	69	33	12	-	-	24	541	447	52	11
West Virginia	223	1	1	-	-	-	-	221	205	16	1
Wisconsin	598	5	4	-	1	-	-	593	444	136	-
Wyoming	60	8	4	-	-	1	3	52	49	-	-

[1] Includes races other than white and black.
[2] Includes infant deaths that occurred in States that did not report Hispanic origin on the death certificate.

Table 2-21. Infant, Neonatal, and Postneonatal Deaths and Mortality Rates, by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 45 States, New York State (excluding New York City), and the District of Columbia, 1990

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 1,000 live births in specified group. Live births based on race and Hispanic origin of mother; see Technical Appendix. For a listing of reporting States see Technical Appendix]

Age	All Origins	Hispanic					Non-Hispanic			Not stated [3]
		Total	Mexican	Puerto Rican	Cuban	Other Hispanic [1]	Total [2]	White	Black	
	Number									
Infant	35,030	4,228	2,952	363	81	832	30,231	18,745	10,465	571
Neonatal	22,202	2,706	1,873	249	60	524	19,044	11,792	6,698	452
Postneonatal	12,828	1,522	1,079	114	21	308	11,187	6,953	3,767	119
	Rate									
Infant	9.1	7.8	7.7	10.2	7.6	7.2	9.3	7.4	17.9	. . .
Neonatal	5.8	5.0	4.9	7.0	5.6	4.5	5.8	4.7	11.4	. . .
Postneonatal	3.3	2.8	2.8	3.2	2.0	2.6	3.4	2.8	6.4	. . .

[1] Includes Central and South American and other and unknown Hispanic.
[2] Includes races other than white and black.
[3] Includes infant deaths that occurred in States that did not report Hispanic origin on the death certificate.

Table 2-22. Infant Deaths from 61 Selected Causes, by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 45 States, New York State (excluding New York City), and the District of Columbia, 1990

[Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of reporting States see Technical Appendix]

Cause of death	All origins	Hispanic						Non-Hispanic			Not stated [2]
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [1]	White	Black	
All causes	35,030	4,228	2,952	363	81	295	537	30,231	18,745	10,465	571
Certain intestinal infections (008-009)	87	8	4	-	-	3	1	77	39	36	2
Whooping cough (033)	9	4	3	1	-	-	-	5	4	1	-
Meningococcal infection (036)	43	9	8	-	-	1	-	34	25	8	-
Septicemia (038)	240	26	22	-	-	2	2	210	120	80	4
Viral diseases (045-079)	145	21	17	1	-	-	3	124	76	38	-
Congenital syphilis (090)	24	2	-	1	-	1	-	22	1	21	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	172	15	7	2	1	3	2	155	66	87	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	85	9	7	1	-	-	1	73	57	13	3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	63	9	6	1	-	-	2	53	41	12	1
Diseases of thymus gland (254)	2	1	1	-	-	-	-	1	-	-	-
Cystic fibrosis (277.0)	9	-	-	-	-	-	-	9	6	3	-
Diseases of blood and blood-forming organs (280-289)	75	7	4	1	-	1	1	67	38	21	1
Meningitis (320-322)	175	23	18	3	-	1	1	152	81	61	-
Other diseases of nervous system and sense organs (323-389)	423	54	40	3	1	2	8	367	280	76	2
Acute upper respiratory infections (460-465)	30	4	3	1	-	-	-	26	22	3	-
Bronchitis and bronchiolitis (466,490-491)	110	9	8	-	-	-	1	101	53	42	-
Pneumonia and influenza (480-487)	562	86	72	8	-	2	4	468	255	190	8
Pneumonia (480-486)	556	85	71	8	-	2	4	463	250	190	8
Influenza (487)	6	1	1	-	-	-	-	5	5	-	-
Remainder of diseases of respiratory system (470-478,492-519)	358	43	29	2	2	4	6	314	190	113	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	78	4	3	-	-	-	1	72	48	22	2
Gastritis,duodenitis, and noninfective enteritis and colitis (535,555-558)	112	14	10	2	1	-	1	97	48	43	1
Remainder of diseases of digestive system (520-534,536-543,562-579)	171	15	11	3	-	1	-	152	104	46	4
Congenital anomalies (740-759)	7,623	1,165	860	69	22	77	137	6,354	4,794	1,307	104
Anencephalus and similar anomalies (740)	440	104	85	1	1	10	7	329	243	66	7
Spina bifida (741)	76	17	14	-	-	2	1	55	42	12	4
Congenital hydrocephalus (742.3)	172	30	24	2	-	2	2	140	100	34	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	339	57	46	1	1	2	7	278	208	57	4
Congenital anomalies of heart (745-746)	2,393	318	229	20	6	22	41	2,048	1,545	426	27
Other congenital anomalies of circulatory system (747)	460	82	59	8	1	5	9	371	267	89	7
Congenital anomalies of respiratory system (748)	1,093	148	112	8	2	10	16	935	716	187	10
Congenital anomalies of digestive system (749-751)	127	20	18	-	1	-	1	107	72	26	-
Congenital anomalies of genitourinary system (752-753)	446	52	36	4	2	2	8	386	300	77	8
Congenital anomalies of musculoskeletal system (754-756)	504	70	52	3	3	5	7	425	319	93	9
Down's syndrome (758.0)	99	13	10	1	1	-	1	84	61	19	2
Other chromosomal anomalies (758.1-758.9)	830	139	97	9	4	6	23	683	544	108	8
All other and unspecified congenital anomalies (744,757,759)	644	115	78	12	-	11	14	513	377	113	16
Certain conditions originating in the perinatal period (760-779)	15,862	1,785	1,174	189	45	135	242	13,734	7,713	5,669	343
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	199	22	13	3	2	3	1	170	93	75	7
Newborn affected by maternal complications of pregnancy (761)	1,547	122	72	13	3	13	21	1,387	847	509	38
Newborn affected by complications of placenta, cord, and membranes (762)	907	111	71	15	2	9	14	778	508	246	18
Newborn affected by other complications of labor and delivery (763)	71	11	8	2	-	1	-	57	38	17	3
Slow fetal growth and fetal malnutrition (764)	30	2	1	1	-	-	-	28	17	11	-
Disorders relating to short gestation and unspecified low birthweight (765)	3,745	352	220	51	14	21	46	3,290	1,513	1,695	103
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	192	24	16	4	-	1	3	160	115	44	8
Intrauterine hypoxia and birth asphyxia (768)	703	100	64	10	5	11	10	596	372	200	7
Fetal distress in liveborn infant (768.2-768.4)	205	31	20	2	4	1	4	171	117	45	3
Birth asphyxia (768.5-768.9)	498	69	44	8	1	10	6	425	255	155	4
Respiratory distress syndrome (769)	2,553	304	205	25	10	26	38	2,207	1,337	814	42
Other respiratory conditions of newborn (770)	2,706	288	205	25	2	19	37	2,356	1,342	953	62
Infections specific to the perinatal period (771)	796	99	62	8	4	7	18	690	432	245	7
Neonatal hemorrhage (772)	276	36	25	3	-	3	5	236	133	96	4
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	44	4	3	-	-	-	1	39	23	15	1
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	12	3	3	-	-	-	-	9	8	1	-
Hemorrhagic disease of newborn (776.0)	1	-	-	-	-	-	-	1	1	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,080	307	206	29	3	21	48	1,730	934	748	43
Symptoms, signs, and ill-defined conditions (780-799)	5,925	600	420	44	4	42	90	5,266	3,307	1,752	59
Sudden infant death syndrome (798.0)	5,134	515	365	32	3	37	78	4,574	2,966	1,431	45
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	791	85	55	12	1	5	12	692	341	321	14
Accidents and adverse effects (E800-E949)	875	106	77	10	2	6	11	766	473	262	3
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	155	24	19	1	-	1	3	131	81	42	-
Accidental mechanical suffocation (E913)	229	10	5	2	1	-	2	218	127	85	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	491	72	53	7	1	5	6	417	265	135	2
Homicide (E960-E969)	300	39	22	7	-	2	8	253	119	126	8
Child battering and other maltreatment (E967)	143	15	9	2	-	1	3	126	65	58	2
Other homicide (E960-E966,E968-E969)	157	24	13	5	-	1	5	127	54	68	6
All other causes (Residual)	1,472	170	126	14	3	12	15	1,279	785	433	23

[1] Includes races other than white and black.
[2] Includes infant deaths that occurred in States that did not report Hispanic origin on the death certificate.

Table 2-23. Infant Mortality Rates for 61 Selected Causes, by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 45 States, New York State (excluding New York City), and the District of Columbia, 1990

[Rates are deaths under 1 year per 100,000 live births in specified group. Live births based on race and Hispanic origin of mother; see Technical Appendix. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044; see Technical Appendix. For a listing of reporting States see Technical Appendix]

Cause of death	All origins [1]	Hispanic					Non-Hispanic		
		Total	Mexican	Puerto Rican	Cuban	Other Hispanic [2]	Total [3]	White	Black
All causes	913.3	775.9	772.3	1,017.3	755.2	715.7	927.1	744.6	1,787.1
Certain intestinal infections (008-009)	2.3	*	*	*	*	*	2.4	1.5	6.1
Whooping cough (033)	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	1.1	*	*	*	*	*	1.0	1.0	*
Septicemia (038)	6.3	4.8	5.8	*	*	*	6.4	4.8	13.7
Viral diseases (045-079)	3.8	3.9	*	*	*	*	3.8	3.0	6.5
Congenital syphilis (090)	.6	*	*	*	*	*	.7	*	3.6
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	4.5	*	*	*	*	*	4.8	2.6	14.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2.2	*	*	*	*	*	2.2	2.3	*
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1.6	*	*	*	*	*	1.6	1.6	*
Diseases of thymus gland (254)	*	*	*	*	*	*	*	*	*
Cystic fibrosis (277.0)	*	*	*	*	*	*	*	*	*
Diseases of blood and blood-forming organs (280-289)	2.0	*	*	*	*	*	2.1	1.5	3.6
Meningitis (320-322)	4.6	4.2	*	*	*	*	4.7	3.2	10.4
Other diseases of nervous system and sense organs (323-389)	11.0	9.9	10.5	*	*	*	11.3	11.1	13.0
Acute upper respiratory infections (460-465)	.8	*	*	*	*	*	.8	.9	*
Bronchitis and bronchiolitis (466,490-491)	2.9	*	*	*	*	*	3.1	2.1	7.2
Pneumonia and influenza (480-487)	14.7	15.8	18.8	*	*	*	14.4	10.1	32.4
Pneumonia (480-486)	14.5	15.6	18.6	*	*	*	14.2	9.9	32.4
Influenza (487)	*	*	*	*	*	*	*	*	*
Remainder of diseases of respiratory system (470-478,492-519)	9.3	7.9	7.6	*	*	*	9.6	7.5	19.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.0	*	*	*	*	*	2.2	1.9	3.8
Gastritis,duodenitis, and noninfective enteritis and colitis (535,555-558)	2.9	*	*	*	*	*	3.0	1.9	7.3
Remainder of diseases of digestive system (520-534,536-543,562-579)	4.5	*	*	*	*	*	4.7	4.1	7.9
Congenital anomalies (740-759)	198.7	213.8	225.0	193.4	205.1	184.1	194.9	190.4	223.2
Anencephalus and similar anomalies (740)	11.5	19.1	22.2	*	*	*	10.1	9.7	11.3
Spina bifida (741)	2.0	*	*	*	*	*	1.7	1.7	*
Congenital hydrocephalus (742.3)	4.5	5.5	6.3	*	*	*	4.3	4.0	5.8
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	8.8	10.5	12.0	*	*	*	8.5	8.3	9.7
Congenital anomalies of heart (745-746)	62.4	58.4	59.9	56.0	*	54.2	62.8	61.4	72.7
Other congenital anomalies of circulatory system (747)	12.0	15.0	15.4	*	*	*	11.4	10.6	15.2
Congenital anomalies of respiratory system (748)	28.5	27.2	29.3	*	*	22.4	28.7	28.4	31.9
Congenital anomalies of digestive system (749-751)	3.3	3.7	*	*	*	*	3.3	2.9	4.4
Congenital anomalies of genitourinary system (752-753)	11.6	9.5	9.4	*	*	*	11.8	11.9	13.1
Congenital anomalies of musculoskeletal system (754-756)	13.1	12.8	13.6	*	*	*	13.0	12.7	15.9
Down's syndrome (758.0)	2.6	*	*	*	*	*	2.6	2.4	*
Other chromosomal anomalies (758.1-758.9)	21.6	25.5	25.4	*	*	24.9	20.9	21.6	18.4
All other and unspecified congenital anomalies (744,757,759)	16.8	21.1	20.4	*	*	21.5	15.7	15.0	19.3
Certain conditions originating in the perinatal period (760-779)	413.6	327.6	307.1	529.7	419.5	324.3	421.2	306.4	968.1
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	5.2	4.0	*	*	*	*	5.2	3.7	12.8
Newborn affected by maternal complications of pregnancy (761)	40.3	22.4	18.8	*	*	29.2	42.5	33.6	86.9
Newborn affected by complications of placenta, cord, and membranes (762)	23.6	20.4	18.6	*	*	19.8	23.9	20.2	42.0
Newborn affected by other complications of labor and delivery (763)	1.9	*	*	*	*	*	1.7	1.5	*
Slow fetal growth and fetal malnutrition (764)	.8	*	*	*	*	*	.9	*	*
Disorders relating to short gestation and unspecified low birthweight (765)	97.6	64.6	57.6	142.9	*	57.6	100.9	60.1	289.5
Disorders relating to long gestation and high birthweight (766)	*	*	*	*	*	*	*	*	*
Birth trauma (767)	5.0	4.4	*	*	*	*	4.9	4.6	7.5
Intrauterine hypoxia and birth asphyxia (768)	18.3	18.4	16.7	*	*	18.1	18.3	14.8	34.2
Fetal distress in liveborn infant (768.2-768.4)	5.3	5.7	5.2	*	*	*	5.2	4.6	7.7
Birth asphyxia (768.5-768.9)	13.0	12.7	11.5	*	*	*	13.0	10.1	26.5
Respiratory distress syndrome (769)	66.6	55.8	53.6	70.1	*	55.1	67.7	53.1	139.0
Other respiratory conditions of newborn (770)	70.6	52.9	53.6	70.1	*	48.2	72.3	53.3	162.7
Infections specific to the perinatal period (771)	20.8	18.2	16.2	*	*	21.5	21.2	17.2	41.8
Neonatal hemorrhage (772)	7.2	6.6	6.5	*	*	*	7.2	5.3	16.4
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1.1	*	*	*	*	*	1.2	.9	*
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	*	*	*	*	*	*	*	*	*
Hemorrhagic disease of newborn (776.0)	*	*	*	*	*	*	*	*	*
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	54.2	56.3	53.9	81.3	*	59.4	53.1	37.1	127.7
Symptoms, signs, and ill-defined conditions (780-799)	154.5	110.1	109.9	123.3	*	113.6	161.5	131.4	299.2
Sudden infant death syndrome (798.0)	133.9	94.5	95.5	89.7	*	98.9	140.3	117.8	244.4
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	20.6	15.6	14.4	*	*	*	21.2	13.5	54.8
Accidents and adverse effects (E800-E949)	22.8	19.5	20.1	*	*	*	23.5	18.8	44.7
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	4.0	4.4	*	*	*	*	4.0	3.2	7.2
Accidental mechanical suffocation (E913)	6.0	*	*	*	*	*	6.7	5.0	14.5
Other accidental causes and adverse effects (E800-E910,E914-E949)	12.8	13.2	13.9	*	*	*	12.8	10.5	23.1
Homicide (E960-E969)	7.8	7.2	5.8	*	*	*	7.8	4.7	21.5
Child battering and other maltreatment (E967)	3.7	*	*	*	*	*	3.9	2.6	9.9
Other homicide (E960-E966,E968-E969)	4.1	4.4	*	*	*	*	3.9	2.1	11.6
All other causes (Residual)	38.4	31.2	33.0	*	*	23.2	39.2	31.2	73.9

[1] Figures for origin not stated included in "All origins" but not distributed among origins.
[2] Includes Central and South American and other and unknown Hispanic.
[3] Includes races other than white and black.

Table 2-24. Infant Deaths and Mortality Rates for Human Immunodeficiency Virus Infection and 3-Digit Subcategories, by Specified Hispanic Origin, Race for Non-Hispanic Origin, and Sex: Total of 45 States, New York State (excluding New York City), and the District of Columbia, 1990

[Rates are deaths under 1 year per 100,000 live births in specified group. Live births based on race and hispanic origin of mother; see Technical Appendix. Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix. For a listing of reporting States see Technical Appendix]

Cause of death and sex	All origins	Hispanic					Non-Hispanic			Not stated [3]
		Total	Mexican	Puerto Rican	Cuban	Other Hispanic [1]	Total [2]	White	Black	
	Number									
Human immunodeficiency virus infection (*042-*044)	100	11	1	5	–	5	85	16	69	4
Male	48	8	1	2	–	5	37	8	29	3
Female	52	3	–	3	–	–	48	8	40	1
Human immunodeficiency virus infection with specified conditions (*042)	87	11	1	5	–	5	72	15	57	4
Male	41	8	1	2	–	5	30	8	22	3
Female	46	3	–	3	–	–	42	7	35	1
Human immunodeficiency virus infection causing other specified conditions (*043)	1	–	–	–	–	–	1	–	1	–
Male	1	–	–	–	–	–	1	–	1	–
Female	–	–	–	–	–	–	–	–	–	–
Other human immunodeficiency virus infection (*044)	12	–	–	–	–	–	12	1	11	–
Male	6	–	–	–	–	–	6	–	6	–
Female	6	–	–	–	–	–	6	1	5	–
	Rate									
Human immunodeficiency virus infection (*042-*044)	2.6	*	*	*	*	*	2.6	*	11.8	. . .
Male	2.4	*	*	*	*	*	2.2	*	9.8	. . .
Female	2.8	*	*	*	*	*	3.0	*	13.9	. . .
Human immunodeficiency virus infection with specified conditions (*042)	2.3	*	*	*	*	*	2.2	*	9.7	. . .
Male	2.1	*	*	*	*	*	1.8	*	7.4	. . .
Female	2.5	*	*	*	*	*	2.6	*	12.1	. . .
Human immunodeficiency virus infection causing other specified conditions (*043)	*	*	*	*	*	*	*	*	*	. . .
Male	*	*	*	*	*	*	*	*	*	. . .
Female	*	*	*	*	*	*	*	*	*	. . .
Other human immunodeficiency virus infection (*044)	*	*	*	*	*	*	*	*	*	. . .
Male	*	*	*	*	*	*	*	*	*	. . .
Female	*	*	*	*	*	*	*	*	*	. . .

[1] Includes Central and South American and other and unknown Hispanic.
[2] Includes races other than white and black.
[3] Includes infant deaths that occurred in States that did not report Hispanic origin on the death certificate.

Table 2-25. Infant Deaths and Mortality Rates for Human Immunodeficiency Virus Infection and 3-Digit Subcategories, by Race and Sex: United States, 1990

[Beginning 1989 race for live births is tabulated according to race of mother; see Technical Appendix. Rates are deaths under 1 year per 100,000 live births in specified group. Numbers after causes of death are category numbers introduced in the United States in 1987; see Technical Appendix]

Cause of death	All races[1]			White			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	Number								
Human immunodeficiency virus infection (*042-*044)	106	48	58	30	18	12	76	30	46
Human immunodeficiency virus infection with specified conditions (*042)	93	41	52	29	18	11	64	23	41
Human immunodeficiency virus infection causing other specified conditions (*043)	1	1	–	–	–	–	1	1	–
Other human immunodeficiency virus infection (*044)	12	6	6	1	–	1	11	6	5
	Rate								
Human immunodeficiency virus infection (*042-*044)	2.6	2.3	2.9	0.9	*	*	11.3	8.8	13.9
Human immunodeficiency virus infection with specified conditions (*042)	2.3	2.0	2.6	.9	*	*	9.5	6.7	12.4
Human immunodeficiency virus infection causing other specified conditions (*043)	*	*	*	*	*	*	*	*	*
Other human immunodeficiency virus infection (*044)	*	*	*	*	*	*	*	*	*

[1] Includes races other than white and black.

Section 3. Fetal Mortality

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Table 3-1. Fetal Deaths by Period of Gestation and State of Occurrence: United States and Each State, 1990

[Data by place of occurrence include fetal deaths that occur to nonresidents. Minimum period of gestation for which fetal death reporting is required varies by reporting area; see Technical Appendix]

Area	Total fetal deaths	Under 20 weeks	20 weeks or more	Period of gestation [1]														
				Under 4 weeks	4-7 weeks	8-11 weeks	12-15 weeks	16-19 weeks	20-23 weeks	24-27 weeks	28-31 weeks	32-35 weeks	36 weeks	37-39 weeks	40 weeks	41 weeks	42 weeks and over	Not stated
United States	64,349	[2] 32,927	[2] 31,422	672	6,376	13,043	6,883	3,863	7,791	4,774	3,795	4,371	1,242	4,248	1,322	876	959	4,134
Alabama	682	23	659	–	–	–	1	22	193	113	79	101	20	95	20	17	14	7
Alaska	60	1	59	–	–	–	–	1	12	8	6	8	3	12	2	2	4	2
Arizona	411	5	406	–	–	–	–	5	103	50	55	53	25	64	22	3	20	11
Arkansas	268	5	263	–	1	–	–	4	55	41	39	45	12	35	13	12	9	2
California	4,086	69	4,017	–	–	2	6	61	671	566	491	562	196	591	187	115	151	487
Colorado [3]	363	6	357	–	–	1	–	5	87	42	37	77	17	60	12	11	10	4
Connecticut	373	13	360	–	–	–	2	11	64	38	26	26	7	25	6	2	4	162
Delaware	79	1	78	–	–	–	–	1	10	14	13	14	2	11	3	1	5	5
District of Columbia	261	8	253	–	–	–	–	8	57	48	28	39	9	25	7	2	4	34
Florida	1,665	40	1,625	1	–	1	2	36	389	246	207	248	72	210	57	47	54	95
Georgia	10,270	8,884	1,386	198	1,751	3,587	1,856	753	532	240	173	147	54	133	35	23	42	746
Hawaii	1,743	1,593	150	31	307	667	380	106	58	22	16	15	–	23	9	1	5	103
Idaho	112	2	110	–	–	–	–	2	19	15	14	13	5	28	4	5	6	1
Illinois	1,513	38	1,475	–	–	–	3	35	335	242	200	191	48	242	80	37	47	53
Indiana	619	6	613	–	–	–	1	5	111	90	80	98	23	103	41	16	17	34
Iowa	270	6	264	–	–	–	–	6	67	32	29	36	12	43	13	11	17	4
Kansas	214	6	208	–	–	–	–	6	45	32	34	31	9	34	5	4	9	5
Kentucky	424	10	414	–	–	–	3	7	90	79	57	59	14	69	17	15	12	2
Louisiana	639	31	608	–	–	–	5	26	100	102	86	82	14	95	19	19	15	76
Maine	90	1	89	–	–	–	–	1	20	12	9	8	4	10	3	2	2	19
Maryland	593	18	575	1	–	–	–	17	86	46	50	46	7	41	12	10	10	267
Massachusetts	561	10	551	–	–	–	–	10	124	102	68	82	31	78	32	14	18	2
Michigan	829	36	793	–	–	–	–	36	194	138	117	123	38	97	25	31	24	6
Minnesota	458	27	431	–	–	1	6	20	80	55	41	52	21	70	24	17	10	61
Mississippi	520	28	492	–	–	1	4	23	134	93	60	76	18	65	21	12	10	3
Missouri	565	17	548	–	–	–	4	13	129	80	77	107	18	77	18	13	19	10
Montana	78	–	78	–	–	–	–	–	15	12	5	10	2	15	8	4	5	2
Nebraska	164	1	163	–	–	–	–	1	36	25	18	30	7	27	3	5	6	6
Nevada	190	11	179	–	–	–	2	9	52	23	24	22	9	28	9	3	7	2
New Hampshire	101	1	100	–	–	–	–	1	16	14	12	19	8	16	5	6	3	1
New Jersey	989	53	936	–	–	2	8	43	227	138	90	116	37	128	32	29	18	121
New Mexico	128	1	127	–	–	–	–	1	12	28	14	18	2	30	8	7	4	4
New York	16,286	13,180	3,106	227	2,544	5,413	2,932	1,292	1,059	504	323	393	95	355	131	71	77	870
New York excluding New York City	10,955	9,647	1,308	178	1,910	4,065	2,167	758	442	174	151	158	51	139	59	35	46	622
New York City	5,331	3,533	1,798	49	634	1,348	765	534	617	330	172	235	44	216	72	36	31	248
North Carolina	914	22	892	–	1	–	–	21	233	148	124	132	29	124	34	30	25	13
North Dakota	86	5	81	–	–	–	–	5	24	9	8	11	5	16	2	2	1	3
Ohio	1,211	33	1,178	–	1	1	1	30	291	174	158	175	47	178	60	45	38	12
Oklahoma	339	3	336	–	–	1	–	2	29	30	19	30	9	26	12	10	9	162
Oregon	279	4	275	–	–	–	1	3	74	49	31	39	13	43	12	7	5	2
Pennsylvania	2,157	550	1,607	1	3	3	21	522	562	243	163	164	62	166	61	45	39	102
Rhode Island	1,109	1,021	88	23	219	455	218	68	24	23	5	15	5	8	3	1	3	39
South Carolina	607	28	579	–	–	1	1	26	167	100	69	88	18	75	22	15	19	6
South Dakota	65	–	65	–	–	–	–	–	5	7	12	8	3	16	2	8	4	–
Tennessee	497	7	490	–	–	–	1	6	50	68	86	117	31	74	21	9	23	11
Texas	2,141	74	2,067	–	2	–	10	62	457	300	274	342	92	265	103	73	67	94
Utah	214	10	204	–	–	–	2	8	54	33	30	25	8	41	6	1	3	3
Vermont	47	2	45	–	–	–	–	2	11	10	5	4	1	12	–	2	–	–
Virginia	7,913	7,020	893	190	1,547	2,907	1,413	524	339	141	88	92	27	108	33	29	26	449
Washington	473	8	465	–	–	–	–	8	117	61	62	63	21	54	35	11	13	28
West Virginia	190	1	189	–	–	–	–	1	46	28	20	34	5	31	12	7	6	–
Wisconsin	459	7	452	–	–	–	–	7	116	55	57	78	23	69	19	14	18	3
Wyoming	44	1	43	–	–	–	–	1	10	5	6	7	4	7	2	–	2	–

[1] Period of gestation reported in months allocated to gestation intervals in weeks as shown in the Technical Appendix.
[2] Figures include period of gestation not stated. Not stated gestation is allocated to under 20 weeks and 20 weeks or more; see Technical Appendix.
[3] Reported only fetal deaths of 20 weeks gestation or more; see Technical Appendix.

Table 3-2. Fetal Deaths, Fetal Mortality Rates and Ratios by Race, United States: 1942-90

[Fetal deaths for 1969-90 include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. For earlier years, gestational age not stated is included. Beginning 1970 excludes fetal deaths occurring to nonresidents of the United States; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group. Ratios per 1,000 live births in specified group]

Year	Number				Rate				Ratio			
	All races	White	All other		All races	White	All other		All races	White	All other	
			Total	Black			Total	Black			Total	Black
Race of Mother [1]												
1990	31,386	21,081	10,305	9,201	7.5	6.4	11.7	13.3	7.5	6.4	11.9	13.4
1989	30,469	20,520	9,949	8,938	7.5	6.4	11.6	13.1	7.5	6.4	11.7	13.3
Race of Fetus [2]												
1990	31,386	20,686	10,700	9,485	7.5	6.4	11.3	12.9	7.5	6.4	11.5	13.1
1989	30,469	20,132	10,337	9,215	7.5	6.4	11.2	12.8	7.5	6.4	11.4	13.0
1988	29,442	19,626	9,816	8,675	7.5	6.4	11.2	12.7	7.5	6.4	11.4	12.9
1987	29,349	19,972	9,377	8,337	7.6	6.6	11.3	12.8	7.7	6.7	11.5	13.0
1986	28,972	20,146	8,826	7,856	7.7	6.7	11.1	12.5	7.7	6.8	11.2	12.6
1985	29,661	20,954	8,707	7,738	7.8	7.0	11.2	12.6	7.9	7.0	11.3	12.7
1984	30,099	21,497	8,602	7,653	8.1	7.3	11.4	12.7	8.2	7.4	11.5	12.9
1983	30,752	21,650	9,102	8,001	8.4	7.4	12.2	13.5	8.5	7.5	12.4	13.7
1982	32,694	23,316	9,378	8,274	8.8	7.9	12.5	13.8	8.9	7.9	12.7	14.0
1981	32,596	23,364	9,232	8,225	8.9	8.0	12.7	13.8	9.0	8.0	12.8	14.0
1980	33,353	23,766	9,587	8,640	9.1	8.1	13.3	14.4	9.2	8.2	13.4	14.7
1979	32,969	23,489	9,480	8,683	9.3	8.3	13.6	14.8	9.4	8.4	13.8	15.0
1978	32,301	22,696	9,605	8,734	9.6	8.4	14.5	15.6	9.7	8.5	14.7	15.8
1977	33,053	23,628	9,425	8,643	9.8	8.7	14.6	15.6	9.9	8.8	14.8	15.9
1976	33,111	23,987	9,124	8,363	10.3	9.3	15.0	16.0	10.5	9.3	15.2	16.3
1975	33,796	24,309	9,487	8,721	10.6	9.4	15.8	16.8	10.7	9.5	16.0	17.0
1974	36,281	26,365	9,916	9,125	11.4	10.1	16.7	17.7	11.5	10.2	17.0	18.0
1973	38,309	27,433	10,876	10,101	12.1	10.6	18.2	19.3	12.2	10.8	18.6	19.7
1972	41,380	29,611	11,769	10,915	12.5	11.0	19.1	20.1	12.7	11.2	19.5	20.5
1971	47,818	34,308	13,510	12,626	13.3	11.6	20.8	21.9	13.4	11.8	21.2	22.3
1970	52,961	38,481	14,480	13,594	14.0	12.3	22.1	23.2	14.2	12.4	22.6	23.8
1969	50,749	37,091	13,658	- - -	13.9	12.2	22.0	- - -	14.1	12.4	22.5	- - -
1968	55,293	40,206	15,087	- - -	15.5	13.6	25.0	- - -	15.8	13.8	25.6	- - -
1967	54,934	39,500	15,434	- - -	15.4	13.3	25.1	- - -	15.6	13.5	25.8	- - -
1966	56,637	40,627	16,010	- - -	15.5	13.4	25.5	- - -	15.7	13.6	26.1	- - -
1965	60,859	43,530	17,329	- - -	15.9	13.7	26.5	- - -	16.2	13.9	27.2	- - -
1964	65,931	47,345	18,586	- - -	16.1	13.9	27.5	- - -	16.4	14.1	28.2	- - -
1963 [3]	64,640	45,495	17,075	- - -	15.5	13.5	26.0	- - -	15.8	13.7	26.7	- - -
1962 [3]	66,421	47,326	17,128	- - -	15.7	13.8	26.0	- - -	15.9	13.9	26.7	- - -
1961	68,767	50,728	18,039	- - -	15.9	13.9	26.3	- - -	16.1	14.1	27.0	- - -
1960	68,480	50,894	17,586	- - -	15.8	13.9	26.1	- - -	16.1	14.1	26.8	- - -
1959	68,613	50,911	17,702	- - -	15.9	14.0	26.6	- - -	16.2	14.2	27.3	- - -
1958	69,355	51,969	17,386	- - -	16.2	14.3	26.8	- - -	16.5	14.5	27.5	- - -
1957	69,561	52,591	16,970	- - -	16.1	14.3	26.1	- - -	16.3	14.5	26.8	- - -
1956	68,659	51,865	16,794	- - -	16.2	14.4	26.5	- - -	16.5	14.6	27.2	- - -
1955	69,153	52,411	16,742	- - -	16.8	14.9	27.6	- - -	17.1	15.2	28.4	- - -
1954	70,109	53,532	16,577	- - -	17.2	15.3	28.1	- - -	17.5	15.5	28.9	- - -
1953	69,393	53,252	16,141	- - -	17.5	15.6	28.7	- - -	17.8	15.9	29.6	- - -
1952	70,447	53,541	16,906	- - -	18.0	15.9	31.2	- - -	18.3	16.1	32.2	- - -
1951	70,569	54,071	16,498	- - -	18.5	16.4	31.1	- - -	18.8	16.7	32.1	- - -
1950	68,262	52,319	15,943	- - -	18.8	16.8	31.5	- - -	19.2	17.1	32.5	- - -
1949	70,584	54,114	16,470	- - -	19.4	17.2	33.5	- - -	19.8	17.5	34.6	- - -
1948	72,838	56,232	16,606	- - -	20.2	17.9	35.2	- - -	20.6	18.3	36.5	- - -
1947	77,917	61,072	16,845	- - -	20.6	18.3	38.1	- - -	21.1	18.7	39.6	- - -
1946	74,849	59,494	15,355	- - -	22.3	20.0	39.3	- - -	22.8	20.4	40.9	- - -
1945	65,513	51,242	14,271	- - -	23.4	20.9	40.3	- - -	23.9	21.4	42.0	- - -
1944	68,374	- - -	- - -	- - -	23.9	- - -	- - -	- - -	24.5	- - -	- - -	- - -
1943	71,873	- - -	- - -	- - -	23.9	- - -	- - -	- - -	24.5	- - -	- - -	- - -
1942	72,017	- - -	- - -	- - -	25.0	- - -	- - -	- - -	25.6	- - -	- - -	- - -

[1] Fetal deaths and live births based on race of mother; see Technical Appendix.
[2] Fetal deaths based on race of fetus; live births based on race of child; see Technical Appendix.
[3] Figures by race exclude data for residents of New Jersey; see Technical Appendix.

Table 3-3. Fetal Deaths and Fetal Mortality Rates, by Marital Status, Age and Race of Mother: Total of 43 States and the District of Columbia, 1990

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group. For list of States reporting marital status of the mother see Technical Appendix]

Age and race of mother	Number			Rate [1]		
	Total [2]	Married women	Unmarried women	Total	Married women	Unmarried women
All races [3]	20,243	10,925	7,580	7.6	6.3	11.2
Under 15 years	125	6	113	16.1	*	16.0
15-19 years	3,202	677	2,249	9.3	7.1	10.2
20-24 years	5,356	2,478	2,411	7.6	6.1	10.1
25-29 years	5,338	3,394	1,510	6.6	5.5	11.9
30-34 years	3,936	2,755	838	7.1	6.2	13.8
35-39 years	1,841	1,319	365	9.6	8.6	17.2
40 years and over	445	296	94	15.5	13.9	24.6
White	13,277	8,958	3,109	6.4	5.8	8.7
Under 15 years	31	5	23	11.5	*	10.4
15-19 years	1,750	596	986	7.8	7.0	8.4
20-24 years	3,326	2,032	982	6.3	5.7	7.8
25-29 years	3,669	2,783	588	5.4	5.0	8.9
30-34 years	2,854	2,251	333	6.1	5.8	10.7
35-39 years	1,336	1,056	161	8.4	7.9	14.0
40 years and over	311	235	36	13.3	13.0	15.8
Black	6,358	1,593	4,277	13.5	11.7	14.4
Under 15 years	91	1	87	18.8	*	18.7
15-19 years	1,374	68	1,206	12.5	11.4	12.5
20-24 years	1,879	362	1,376	12.3	10.0	13.1
25-29 years	1,505	498	876	13.5	10.6	15.9
30-34 years	965	416	486	15.0	12.7	17.9
35-39 years	431	203	193	19.0	16.7	22.3
40 years and over	113	45	53	30.8	23.6	41.8

[1] Figures for marital status not stated are proportionally distributed; see Technical Appendix.
[2] Includes fetal deaths with marital status of the mother not stated.
[3] Includes races other than white and black.

Table 3-4. Fetal Deaths by Period of Gestation and Race of Mother, and Fetal Mortality Rates by Race of Mother for Metropolitan and Nonmetropolitan Counties in the United States and Each Geographic Division; and for Population-Size Groups in the United States: 1990

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[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group. Urban places in metropolitan counties are those with populations of 10,000 or more; urban places in nonmetropolitan counties are those with populations of 10,000 or more but less than 50,000 as enumerated in 1980. For definition of areas see Technical Appendix]

Area and race of mother [1]	Fetal deaths											Fetal mortality rates
	Total	Period of gestation [2]										
		20-27 weeks	28 weeks and over	28-31 weeks	32-35 weeks	36 weeks	37-39 weeks	40 weeks	41 weeks	42 weeks and over	Not stated	
United States	31,386	12,554	16,791	3,791	4,367	1,240	4,241	1,318	876	958	2,041	7.5
White	21,081	7,900	11,862	2,432	2,967	905	3,141	1,023	671	723	1,319	6.4
Black	9,201	4,249	4,314	1,229	1,239	284	948	237	164	213	638	13.3
Urban places	19,424	7,866	10,211	2,337	2,713	745	2,553	775	511	577	1,347	7.7
White	11,673	4,373	6,512	1,314	1,658	499	1,704	558	375	404	788	6.3
Black	7,008	3,233	3,271	927	946	210	734	178	117	159	504	13.0
Balance of area	11,962	4,688	6,580	1,454	1,654	495	1,688	543	365	381	694	7.1
White	9,408	3,527	5,350	1,118	1,309	406	1,437	465	296	319	531	6.4
Black	2,193	1,016	1,043	302	293	74	214	59	47	54	134	14.4
Metropolitan counties	24,944	10,083	13,099	2,989	3,466	967	3,269	1,016	667	725	1,762	7.4
White	16,286	6,185	8,992	1,850	2,283	687	2,353	779	507	533	1,109	6.2
Black	7,769	3,576	3,604	1,027	1,054	238	784	193	131	177	589	13.1
Urban places	18,045	7,322	9,432	2,174	2,525	694	2,344	711	468	516	1,291	7.7
White	10,702	4,017	5,940	1,204	1,521	460	1,547	509	343	356	745	6.3
Black	6,637	3,058	3,086	879	902	200	685	167	106	147	493	12.9
Balance of area	6,899	2,761	3,667	815	941	273	925	305	199	209	471	6.8
White	5,584	2,168	3,052	646	762	227	806	270	164	177	364	6.1
Black	1,132	518	518	148	152	38	99	26	25	30	96	14.1
Nonmetropolitan counties	6,442	2,471	3,692	802	901	273	972	302	209	233	279	7.8
White	4,795	1,715	2,870	582	684	218	788	244	164	190	210	6.9
Black	1,432	673	710	202	185	46	164	44	33	36	49	14.2
Urban places	1,379	544	779	163	188	51	209	64	43	61	56	7.8
White	971	356	572	110	137	39	157	49	32	48	43	6.8
Black	371	175	185	48	44	10	49	11	11	12	11	13.1
Balance of area	5,063	1,927	2,913	639	713	222	763	238	166	172	223	7.7
White	3,824	1,359	2,298	472	547	179	631	195	132	142	167	6.9
Black	1,061	498	525	154	141	36	115	33	22	24	38	14.7
New England	1,226	457	589	126	155	56	147	49	27	29	180	6.1
White	1,018	378	495	101	125	42	130	42	27	28	145	5.7
Black	190	73	85	23	28	13	16	4	–	1	32	11.2
Metropolitan counties	1,027	384	487	114	131	44	115	44	19	20	156	6.0
White	825	308	396	90	102	30	99	37	19	19	121	5.6
Black	186	72	82	22	27	13	15	4	–	1	32	11.2
Nonmetropolitan counties	199	73	102	12	24	12	32	5	8	9	24	6.3
White	193	70	99	11	23	12	31	5	8	9	24	6.2
Black	4	1	3	1	1	–	1	–	–	–	–	*
Middle Atlantic	5,653	2,736	2,592	571	673	192	651	225	145	135	325	9.5
White	3,634	1,685	1,741	345	436	131	452	169	113	95	208	7.9
Black	1,871	979	778	220	209	53	178	54	25	39	114	16.4
Metropolitan counties	5,224	2,552	2,372	528	624	165	596	210	130	119	300	9.5
White	3,227	1,515	1,526	304	388	105	397	154	99	79	186	7.8
Black	1,851	967	773	218	208	52	178	54	24	39	111	16.4
Nonmetropolitan counties	429	184	220	43	49	27	55	15	15	16	25	9.1
White	407	170	215	41	48	26	55	15	14	16	22	8.8
Black	20	12	5	2	1	1	–	–	1	–	3	23.6
East North Central	4,555	1,771	2,672	616	670	179	691	228	145	143	112	6.7
White	3,197	1,171	1,958	418	475	144	524	171	114	112	68	5.8
Black	1,285	583	658	185	182	32	155	48	28	28	44	10.8
Metropolitan counties	3,717	1,485	2,137	513	543	141	542	180	113	105	95	6.8
White	2,393	896	1,444	323	351	107	379	126	83	75	53	5.7
Black	1,260	574	644	179	180	32	152	46	27	28	42	10.8
Nonmetropolitan counties	838	286	535	103	127	38	149	48	32	38	17	6.2
White	804	275	514	95	124	37	145	45	31	37	15	6.2
Black	25	9	14	6	2	–	3	2	1	–	2	10.7
West North Central	1,741	610	1,043	218	275	73	284	66	62	65	88	6.4
White	1,388	449	859	174	222	58	240	59	54	52	80	5.8
Black	281	133	143	37	44	11	31	4	4	12	5	12.6
Metropolitan counties	1,097	393	642	134	177	46	176	39	29	41	62	6.6
White	796	255	485	97	128	32	139	35	25	29	56	5.6
Black	262	124	133	33	43	11	28	3	3	12	5	12.9
Nonmetropolitan counties	644	217	401	84	98	27	108	27	33	24	26	6.2
White	592	194	374	77	94	26	101	24	29	23	24	6.0
Black	19	9	10	4	1	–	3	1	1	–	–	*
South Atlantic	6,453	2,859	3,158	775	842	221	757	211	163	189	436	9.1
White	3,346	1,389	1,746	364	439	127	455	142	103	116	211	6.9
Black	3,027	1,435	1,372	400	396	93	290	66	55	72	220	14.8
Metropolitan counties	4,713	2,059	2,255	543	639	157	519	137	121	139	399	8.8
White	2,381	972	1,223	243	322	94	313	90	76	85	186	6.4
Black	2,263	1,059	996	290	310	63	195	44	41	53	208	14.5
Nonmetropolitan counties	1,740	800	903	232	203	64	238	74	42	50	37	10.3
White	965	417	523	121	117	33	142	52	27	31	25	8.2
Black	764	376	376	110	86	30	95	22	14	19	12	15.7

Table 3-4. Fetal Deaths by Period of Gestation and Race of Mother, and Fetal Mortality Rates by Race of Mother for Metropolitan and Nonmetropolitan Counties in the United States and Each Geographic Division; and for Population-Size Groups in the United States: 1990—Con.

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[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group. Urban places in metropolitan counties are those with populations of 10,000 or more; urban places in nonmetropolitan counties are those with populations of 10,000 or more but less than 50,000 as enumerated in 1980. For definition of areas see Technical Appendix]

Area and race of mother [1]	Fetal deaths											Fetal mortality rates
	Total	Period of gestation [2]										
		20-27 weeks	28 weeks and over	28-31 weeks	32-35 weeks	36 weeks	37-39 weeks	40 weeks	41 weeks	42 weeks and over	Not stated	
East South Central	2,054	824	1,208	283	347	86	298	79	54	61	22	8.6
White	1,141	393	738	149	207	55	193	60	35	39	10	6.7
Black	896	424	460	130	136	31	104	19	18	22	12	13.5
Metropolitan counties	1,100	440	650	158	196	50	152	34	29	31	10	8.0
White	593	208	382	75	124	27	87	28	21	20	3	6.2
Black	496	228	261	79	71	23	64	6	7	11	7	12.5
Nonmetropolitan counties	954	384	558	125	151	36	146	45	25	30	12	9.4
White	548	185	356	74	83	28	106	32	14	19	7	7.4
Black	400	196	199	51	65	8	40	13	11	11	5	15.2
West South Central	3,258	1,115	1,811	411	497	127	419	144	112	101	332	6.8
White	2,231	742	1,292	255	346	96	310	119	85	81	197	6.0
Black	929	352	471	145	140	26	96	24	21	19	106	10.6
Metropolitan counties	2,474	894	1,351	317	370	96	313	106	80	69	229	6.7
White	1,673	593	945	188	252	72	230	87	61	55	135	5.8
Black	738	286	372	119	111	20	74	19	16	13	80	10.7
Nonmetropolitan counties	784	221	460	94	127	31	106	38	32	32	103	7.3
White	558	149	347	67	94	24	80	32	24	26	62	6.5
Black	191	66	99	26	29	6	22	5	5	6	26	10.2
Mountain	1,492	557	908	187	221	71	268	71	33	57	27	6.1
White	1,288	490	774	155	188	62	238	57	26	48	24	5.9
Black	95	30	63	16	16	3	17	3	3	5	2	11.4
Metropolitan counties	1,017	388	611	122	159	50	180	44	19	37	18	6.0
White	888	349	522	100	138	46	156	35	16	31	17	5.8
Black	90	29	60	14	16	3	17	2	3	5	1	11.6
Nonmetropolitan counties	475	169	297	65	62	21	88	27	14	20	9	6.3
White	400	141	252	55	50	16	82	22	10	17	7	6.2
Black	5	1	3	2	–	–	–	1	–	–	1	*
Pacific	4,954	1,625	2,810	604	687	235	726	245	135	178	519	6.4
White	3,838	1,203	2,259	471	529	190	599	204	114	152	376	6.1
Black	627	240	284	73	88	22	61	15	10	15	103	11.5
Metropolitan counties	4,575	1,488	2,594	560	627	218	676	222	127	164	493	6.4
White	3,510	1,089	2,069	430	478	174	553	187	107	140	352	6.0
Black	623	237	283	73	88	21	61	15	10	15	103	11.5
Nonmetropolitan counties	379	137	216	44	60	17	50	23	8	14	26	6.4
White	328	114	190	41	51	16	46	17	7	12	24	6.5
Black	4	3	1	–	–	1	–	–	–	–	–	*

[1] Totals for geographic areas include races other than white and black.
[2] Period of gestation reported in months allocated to gestation intervals in weeks as shown in the Technical Appendix.

Table 3-5. Fetal Mortality Rates by Race: United States, Each Division and State, 1987-90

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group]

Division and State	1990				1990				1989				1989				1988				1987			
	Race of mother [1]				Race of fetus [2]				Race of mother [1]				Race of fetus [2]				Race of fetus [2]				Race of fetus [2]			
	All races	White	All other		All races	White	All other		All races	White	All other		All races	White	All other		All races	White	All other		All races	White	All other	
			Total	Black			Total	Black			Total	Black			Total	Black			Total	Black			Total	Black
United States	7.5	6.4	11.7	13.3	7.5	6.4	11.3	12.9	7.5	6.4	11.6	13.1	7.5	6.4	11.2	12.8	7.5	6.4	11.2	12.7	7.6	6.6	11.3	12.8
Geographic divisions:																								
New England	6.1	5.7	9.1	11.2	6.1	5.7	8.6	10.5	6.4	5.9	10.2	12.2	6.4	6.0	9.6	11.3	6.4	5.9	10.5	12.8	6.1	5.7	8.9	10.5
Middle Atlantic	9.5	7.9	14.9	16.4	9.5	7.9	14.5	15.9	9.2	7.7	14.1	15.7	9.2	7.7	13.9	15.4	8.7	7.3	13.3	14.6	9.1	7.7	13.6	14.9
East North Central	6.7	5.8	10.3	10.8	6.7	5.8	10.1	10.7	6.9	6.0	10.4	11.0	6.9	6.0	10.3	10.9	6.6	5.8	10.2	10.8	7.0	6.1	10.7	11.3
West North Central	6.4	5.8	11.1	12.6	6.4	5.8	10.7	12.0	6.3	5.8	10.0	11.2	6.3	5.8	9.6	11.0	6.5	6.1	9.3	10.4	6.5	6.0	10.6	12.0
South Atlantic	9.1	6.9	14.2	14.8	9.1	6.9	13.9	14.6	9.0	6.7	13.9	14.5	9.0	6.8	13.6	14.3	9.2	7.1	13.7	14.3	9.2	7.3	13.5	14.0
East South Central	8.6	6.7	13.3	13.5	8.6	6.7	13.1	13.4	8.1	6.4	12.1	12.2	8.1	6.4	11.9	12.1	8.6	6.9	12.8	13.0	8.7	7.1	12.7	12.9
West South Central	6.8	6.0	10.2	10.6	6.8	5.9	9.9	10.6	7.2	6.2	10.7	11.1	7.2	6.2	10.4	11.0	7.0	6.2	9.7	10.5	7.2	6.5	9.7	10.5
Mountain	6.1	5.9	7.7	11.4	6.1	5.9	7.3	10.2	6.3	6.0	8.3	12.4	6.3	6.0	8.2	12.4	6.5	6.2	8.5	12.0	6.9	6.7	8.3	11.9
Pacific	6.4	6.1	7.9	11.5	6.4	6.1	7.7	10.6	6.4	6.0	8.2	12.5	6.4	6.0	7.8	11.4	6.6	6.1	8.3	11.8	6.7	6.2	8.5	12.4
New England:																								
Maine	5.3	5.3	*	*	5.3	5.3	*	*	5.6	5.7	*	*	5.6	5.5	*	*	6.7	6.1	*	*	5.7	5.6	*	*
New Hampshire	5.8	5.8	*	*	5.8	5.7	*	*	6.9	6.7	*	*	6.9	6.6	*	*	6.0	5.9	*	*	6.2	6.1	*	*
Vermont	5.5	5.0	*	*	5.5	5.0	*	*	5.0	5.1	*	*	5.0	5.1	*	*	5.9	6.0	*	*	6.1	6.2	*	*
Massachusetts	5.8	5.4	8.3	10.5	5.8	5.5	7.7	9.9	5.8	5.3	9.2	11.1	5.8	5.3	8.4	10.2	6.2	5.7	9.6	12.5	5.8	5.4	8.4	10.0
Rhode Island	5.6	5.7	*	*	5.6	5.8	*	*	8.4	8.0	*	*	8.4	8.1	10.2	*	6.8	6.5	*	*	6.3	5.9	*	*
Connecticut	7.1	6.4	10.9	12.3	7.1	6.3	10.6	11.7	7.3	6.5	11.7	12.9	7.3	6.6	11.0	12.1	6.7	5.9	11.3	11.8	6.6	6.1	9.7	10.9
Middle Atlantic:																								
New York	10.3	8.4	15.5	17.4	10.3	8.5	15.0	16.9	10.0	8.3	14.9	16.9	10.0	8.3	14.5	16.4	9.2	7.7	13.3	15.0	9.5	8.1	13.4	15.0
New Jersey	8.1	6.2	14.5	16.0	8.1	6.1	14.2	15.6	7.8	6.4	12.3	13.6	7.8	6.3	12.1	13.6	7.8	6.2	12.7	13.5	8.3	6.9	13.1	13.9
Pennsylvania	9.0	8.1	13.7	14.5	9.0	8.1	13.1	14.1	8.8	7.8	13.7	14.5	8.8	7.6	13.8	14.5	8.6	7.5	13.7	14.4	8.8	7.6	14.7	15.5
East North Central:																								
Ohio	7.0	6.3	10.3	10.7	7.0	6.3	10.2	10.5	6.9	6.3	9.8	10.2	6.9	6.2	9.8	10.1	6.9	6.4	9.5	9.8	7.4	6.7	11.0	11.3
Indiana	7.0	6.6	10.4	11.2	7.0	6.5	10.3	11.2	7.5	7.0	10.8	11.4	7.5	7.0	10.9	11.6	7.3	6.8	10.8	11.7	7.9	6.7	16.8	15.6
Illinois	7.6	6.1	12.1	12.9	7.6	6.1	11.8	12.6	7.6	6.2	11.5	12.4	7.6	6.2	11.3	12.3	7.4	6.1	11.0	11.7	7.5	6.3	11.3	12.2
Michigan	5.2	4.6	7.3	7.5	5.2	4.5	7.4	7.7	5.7	4.9	8.8	9.3	5.7	4.9	8.7	9.2	5.2	4.3	8.7	9.2	5.7	5.1	8.2	8.6
Wisconsin	6.2	5.5	11.2	12.3	6.2	5.5	10.9	11.8	6.6	5.9	11.1	12.7	6.6	5.9	10.9	12.6	5.9	5.1	11.4	13.6	6.1	5.8	8.8	10.8
West North Central:																								
Minnesota	6.2	5.7	11.0	14.1	6.2	5.8	10.0	12.4	6.1	5.7	10.2	14.5	6.1	5.7	9.6	13.4	6.6	6.3	9.2	12.1	6.0	5.7	9.6	12.4
Iowa	6.7	6.5	12.1	*	6.7	6.5	11.6	15.4	6.3	6.0	13.0	*	6.3	5.9	13.9	15.6	6.6	6.6	*	*	6.4	6.2	*	*
Missouri	6.7	5.4	12.3	13.0	6.7	5.5	11.8	12.6	6.4	5.7	9.6	9.8	6.4	5.7	9.4	9.9	6.7	6.0	9.6	10.0	6.9	6.0	11.0	11.2
North Dakota	7.6	7.4	*	*	7.6	7.5	*	*	6.1	6.3	*	*	6.1	6.5	*	*	6.7	5.9	*	*	5.9	5.9	*	*
South Dakota [3]	6.1	5.3	*	*	6.1	5.3	*	*	6.4	5.6	*	*	6.4	5.6	9.5	*	6.5	6.1	*	*	6.5	5.8	9.8	*
Nebraska	6.5	6.2	10.0	*	6.5	6.0	11.2	*	6.3	5.9	10.9	*	6.3	5.9	9.6	*	6.7	6.3	10.7	13.8	7.4	6.9	12.9	14.5
Kansas	5.5	5.2	8.4	8.9	5.5	5.1	8.4	9.0	6.1	5.5	10.7	13.1	6.1	5.5	10.0	12.4	5.8	5.5	8.0	9.8	6.4	5.7	11.3	13.6
South Atlantic:																								
Delaware	6.8	5.9	9.4	10.0	6.8	6.0	9.0	9.6	7.5	6.4	10.6	10.9	7.5	6.2	11.0	11.5	6.0	5.5	7.7	8.2	7.7	5.7	13.7	14.7
Maryland [4]	8.1	6.0	11.9	12.8	8.1	6.1	11.5	12.4	7.0	4.8	11.1	12.0	7.0	4.9	10.7	11.7	7.3	5.5	10.8	11.4	8.4	6.8	11.4	12.1
District of Columbia	12.9	*	14.3	15.7	12.9	*	14.1	15.6	13.5	*	14.8	16.0	13.5	*	14.7	15.9	12.6	*	13.0	14.0	12.0	*	12.4	13.5
Virginia	9.1	7.1	14.2	15.3	9.1	7.2	13.6	14.8	8.9	7.5	12.5	13.3	8.9	7.6	12.2	13.0	10.0	8.0	15.4	17.0	9.3	7.8	13.3	14.4
West Virginia	7.9	7.4	*	*	7.9	7.4	*	*	8.5	8.4	*	*	8.5	8.4	*	*	7.4	7.1	*	*	7.9	7.6	*	*
North Carolina	8.5	6.5	12.7	13.5	8.5	6.5	12.5	13.3	8.5	6.5	12.9	13.2	8.5	6.5	12.6	13.1	8.6	6.6	12.5	13.1	8.5	7.3	11.0	11.3
South Carolina	10.0	7.3	14.3	14.4	10.0	7.4	14.0	14.2	10.4	6.2	16.6	16.8	10.4	6.2	16.4	16.6	10.6	8.4	13.9	13.9	10.2	7.6	14.3	14.5
Georgia	12.0	8.4	17.8	18.3	12.0	8.4	17.7	18.1	11.0	7.5	16.8	17.3	11.0	7.5	16.5	17.1	11.2	8.3	15.9	16.3	11.8	9.2	16.5	16.9
Florida	8.1	6.4	13.3	13.7	8.1	6.4	13.1	13.5	8.3	6.7	13.3	13.5	8.3	6.7	13.0	13.4	8.5	6.6	13.8	14.4	8.2	6.3	13.5	14.0
East South Central:																								
Kentucky	7.8	7.3	11.5	12.0	7.8	7.3	11.3	12.0	7.9	7.4	12.6	13.0	7.9	7.4	12.2	12.7	8.5	8.1	12.1	12.7	7.9	7.4	12.4	12.9
Tennessee [3]	6.0	5.1	8.8	9.0	6.0	5.2	8.5	8.8	5.6	5.1	7.1	7.0	5.6	5.2	6.9	6.8	6.4	5.0	10.7	10.8	6.5	5.8	8.9	8.9
Alabama	10.5	8.0	15.0	15.0	10.5	8.0	14.9	15.1	10.0	7.5	14.6	14.9	10.0	7.5	14.5	14.8	10.3	8.1	14.4	14.6	10.1	8.0	13.8	14.1
Mississippi	11.3	6.9	16.0	16.1	11.3	6.9	15.9	16.0	9.5	5.7	13.6	13.7	9.5	5.7	13.5	13.7	10.0	7.1	13.1	13.2	11.0	7.5	14.8	15.1
West South Central:																								
Arkansas	7.4	6.3	10.7	10.9	7.4	6.3	10.5	10.8	7.4	6.1	11.3	10.8	7.4	6.2	10.9	10.6	8.3	6.6	13.4	14.0	7.6	6.8	10.2	10.3
Louisiana	8.3	6.9	10.2	10.4	8.3	6.9	10.2	10.5	8.3	6.1	11.3	11.6	8.3	6.2	11.1	11.5	8.1	6.6	10.1	10.4	7.8	6.2	9.9	10.2
Oklahoma	7.0	6.3	9.8	8.9	7.0	6.4	8.8	9.1	8.2	7.1	12.5	15.7	8.2	7.2	11.2	14.8	7.3	6.9	8.3	10.4	7.9	7.1	10.5	14.6
Texas	6.4	5.7	10.1	10.9	6.4	5.7	9.9	10.8	6.7	6.1	9.8	10.4	6.7	6.1	9.7	10.3	6.5	6.0	9.1	9.9	6.9	6.4	9.4	10.2
Mountain:																								
Montana	7.4	7.0	*	*	7.4	7.1	*	*	7.1	6.4	*	*	7.1	6.5	*	*	7.6	7.0	*	*	7.7	7.7	*	*
Idaho	6.8	6.8	*	*	6.8	6.8	*	*	7.1	7.1	*	*	7.1	7.1	*	*	6.2	6.1	*	*	6.2	6.0	*	*
Wyoming	7.0	7.1	*	*	7.0	7.1	*	*	7.6	7.1	*	*	7.6	7.1	*	*	6.9	7.3	*	*	7.4	7.0	*	*
Colorado	6.5	6.4	7.5	8.9	6.5	6.4	7.0	8.5	7.2	6.7	12.1	12.9	7.2	6.8	10.8	11.6	7.5	7.1	11.2	12.8	8.3	8.1	10.5	13.1
New Mexico [3]	4.7	4.7	4.8	*	4.7	4.7	4.7	*	4.2	3.9	5.5	*	4.2	3.9	5.5	*	5.7	5.3	7.3	*	4.6	4.5	5.2	*
Arizona	5.8	5.4	8.3	14.6	5.8	5.4	8.0	12.8	5.4	5.3	6.0	10.1	5.4	5.2	6.3	10.5	6.4	6.1	7.5	10.3	6.6	6.2	8.6	12.0
Utah	5.0	5.0	*	*	5.0	5.0	*	*	6.1	6.2	*	*	6.1	6.1	*	*	5.0	5.0	*	*	6.9	6.9	*	*
Nevada	8.1	7.6	11.1	13.5	8.1	7.7	10.2	12.8	8.5	7.6	13.9	17.2	8.5	7.4	13.8	18.3	7.8	6.8	12.1	15.9	7.3	6.8	9.5	*
Pacific:																								
Washington	5.9	5.7	7.7	9.9	5.9	5.7	7.4	8.6	5.1	5.1	5.9	10.5	5.1	5.0	5.9	9.7	5.2	4.9	6.9	9.1	5.8	5.6	7.5	10.5
Oregon	6.0	5.9	7.3	*	6.0	6.0	6.2	*	5.3	5.3	*	*	5.3	5.3	5.8	*	6.0	6.0	*	*	5.8	5.9	*	*
California	6.5	6.1	8.2	11.7	6.5	6.1	7.9	10.9	6.7	6.2	8.8	12.7	6.7	6.3	8.3	11.7	6.7	6.2	8.5	12.0	6.9	6.3	9.0	12.7
Alaska	5.0	4.8	5.5	*	5.0	4.4	6.0	*	4.5	3.5	6.7	*	4.5	3.3	6.6	*	6.1	4.4	9.2	*	6.0	5.2	7.7	*
Hawaii	6.9	7.1	6.9	*	6.9	8.3	6.5	*	6.9	7.5	6.6	*	6.9	8.2	6.5	*	8.9	10.6	8.4	*	7.0	9.0	6.4	*

[1] Fetal deaths and live births based on race of mother; see Technical Appendix.
[2] Fetal deaths based on race of fetus; live births based on race of child; see Technical Appendix.
[3] Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.
[4] In 1989 underreporting of fetal deaths may have occurred; see Technical Appendix.

Table 3-6. Fetal Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1990

(Page 1 of 3)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Unit of residence is defined as the county or county equivalent of which the mother was a resident. Data by place of residence exclude deaths occurring in the United States to nonresidents; however, data by place of occurrence include deaths to nonresidents]

State of occurrence	All fetal deaths occurring in State	Fetal deaths to residents of county of occurrence	Total fetal deaths to nonresidents of county of occurrence	Fetal deaths to intrastate nonresidents of county of occurrence	Fetal deaths to interstate nonresidents by State of residence													
					Total	Ala.	Alaska	Ariz.	Ark.	Calif.	Colo.	Conn.	Del.	D.C.	Fla.	Ga.	Hawaii	Idaho
United States	31,422	23,799	7,623	6,604	983	32	1	12	26	18	4	8	8	16	22	22	–	10
Alabama	659	468	191	173	18	...	–	–	–	–	–	–	–	–	–	7	–	–
Alaska	59	50	9	9	–	–	...	–	–	–	–	–	–	–	–	–	–	–
Arizona	406	364	42	29	8	–	–	...	–	3	–	–	–	–	–	–	–	–
Arkansas	263	163	100	83	17	–	–	–	...	–	–	–	–	–	–	–	–	–
California	4,017	3,577	440	423	12	–	–	2	–	...	–	–	–	–	2	1	–	–
Colorado	357	211	146	135	11	–	–	1	–	–	...	–	–	–	1	–	–	–
Connecticut	360	284	76	64	12	–	–	–	–	1	–	...	–	–	–	–	–	–
Delaware	78	63	15	5	10	–	–	–	–	–	–	–	...	–	–	–	–	–
District of Columbia	253	139	114	–	113	–	–	–	–	–	–	2	–	...	–	–	–	–
Florida	1,625	1,383	242	223	16	2	–	–	–	–	1	–	–	–	...	6	–	–
Georgia	1,386	858	528	484	44	19	–	–	–	–	–	–	–	–	3	...	–	–
Hawaii	150	138	12	5	5	–	–	–	–	–	–	–	–	–	1	1	...	–
Idaho	110	86	24	17	7	–	–	–	–	–	–	–	–	–	–	–	–	...
Illinois	1,475	1,254	221	206	15	–	–	–	–	–	–	–	–	–	1	–	–	–
Indiana	613	443	170	149	21	–	–	–	–	–	–	–	–	–	1	–	–	–
Iowa	264	166	98	86	11	–	–	–	–	–	–	–	–	–	–	–	–	–
Kansas	208	153	55	45	10	–	–	–	–	–	1	–	–	–	–	–	–	–
Kentucky	414	254	160	141	19	–	–	–	–	–	–	–	–	–	–	–	–	–
Louisiana	608	386	222	212	10	–	–	–	–	1	–	–	–	–	–	–	–	1
Maine	89	68	21	20	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Maryland	575	366	209	176	32	–	–	–	–	–	–	–	2	15	1	–	–	–
Massachusetts	551	396	155	133	21	–	–	–	–	–	–	2	–	–	–	–	–	–
Michigan	793	619	174	169	5	–	–	–	–	–	–	–	–	–	–	–	–	–
Minnesota	431	279	152	131	21	–	–	–	–	–	–	–	–	–	–	–	–	–
Mississippi	492	266	226	206	19	7	–	–	2	–	–	–	–	–	1	2	–	–
Missouri	548	326	222	186	36	–	–	–	2	–	–	–	–	–	–	–	–	–
Montana	78	60	18	16	2	–	–	–	–	–	1	–	–	–	–	–	–	–
Nebraska	163	110	53	42	11	–	–	–	–	–	1	–	–	–	–	–	–	–
Nevada	179	158	21	9	12	–	–	2	–	6	–	–	–	–	2	–	–	–
New Hampshire	100	76	24	12	12	–	–	–	–	–	–	–	–	–	–	–	–	–
New Jersey	936	739	197	183	14	–	–	–	–	–	–	–	1	–	1	–	–	–
New Mexico [1]	127	102	25	21	4	–	–	3	–	–	–	–	–	–	–	–	–	–
New York	3,106	2,717	389	341	47	–	–	–	–	–	–	2	–	–	3	–	–	–
North Carolina	892	642	250	234	16	–	–	–	–	–	–	–	–	1	–	–	–	–
North Dakota	81	45	36	23	13	–	–	–	–	–	–	–	–	–	–	–	–	–
Ohio	1,178	886	292	257	35	–	–	–	–	–	–	–	–	–	1	–	–	–
Oklahoma	336	246	90	82	8	–	–	–	2	1	–	–	–	–	–	–	–	–
Oregon	275	181	94	76	18	–	–	–	–	3	–	–	–	–	–	–	–	–
Pennsylvania	1,607	1,135	472	389	83	–	–	–	–	1	–	–	5	–	2	–	–	–
Rhode Island	88	59	29	20	9	–	–	–	–	–	–	2	–	–	–	–	–	–
South Carolina	579	422	157	148	9	–	–	–	–	–	–	–	–	–	1	2	–	–
South Dakota [1]	65	32	33	29	4	–	–	–	–	–	–	–	–	–	–	–	–	–
Tennessee [1]	490	318	172	119	53	2	–	–	15	–	–	–	–	–	–	3	–	–
Texas	2,067	1,666	401	366	21	–	–	–	5	1	–	–	–	–	–	–	–	–
Utah	204	150	54	28	25	2	–	4	–	1	–	–	–	–	–	–	–	5
Vermont	45	30	15	8	7	–	–	–	–	–	–	–	–	–	–	–	–	–
Virginia	893	404	489	464	25	–	–	–	–	–	–	–	–	–	–	–	–	–
Washington	465	396	69	58	11	–	1	–	–	–	–	–	–	–	–	–	–	4
West Virginia	189	92	97	63	34	–	–	–	–	–	–	–	–	–	1	–	–	–
Wisconsin	452	334	118	102	16	–	–	–	–	–	–	–	–	–	–	–	–	–
Wyoming	43	39	4	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 3-6. Fetal Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1990—Con.
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[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Unit of residence is defined as the county or county equivalent of which the mother was a resident. Data by place of residence exclude deaths occurring in the United States to nonresidents; however, data by place of occurrence include deaths to nonresidents]

State of occurrence	Fetal deaths to interstate nonresidents by State of residence																			
	Ill.	Ind.	Iowa	Kans.	Ky.	La.	Maine	Md.	Mass.	Mich.	Minn.	Miss.	Mo.	Mont.	Nebr.	Nev.	N.H.	N.J.	N. Mex.	N.Y.
United States	41	19	15	18	30	8	4	111	15	20	15	28	24	10	7	9	15	79	7	32
Alabama	–	–	–	–	–	–	–	–	1	1	–	7	–	–	–	–	–	–	–	–
Alaska	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arizona	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	–
Arkansas	1	–	–	–	–	–	–	–	–	–	–	–	11	–	–	–	–	–	–	–
California	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	2	–	1	–	–
Colorado	–	–	–	1	–	–	–	1	–	–	–	–	–	1	1	–	–	–	1	1
Connecticut	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1	–	7
Delaware	–	–	–	–	–	–	–	5	–	–	–	–	–	–	–	–	–	2	–	–
District of Columbia	–	–	–	–	–	–	–	88	–	–	–	–	–	–	–	–	–	–	–	–
Florida	1	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1
Georgia	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Hawaii	–	–	–	–	2	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Idaho	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
Illinois	...	8	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–
Indiana	7	...	–	–	2	–	–	1	–	6	–	–	–	–	–	–	–	–	–	–
Iowa	4	–	...	1	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–
Kansas	–	–	–	...	–	–	–	–	–	–	–	–	8	–	–	–	–	–	–	–
Kentucky	–	6	–	–	...	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Louisiana	–	–	–	–	–	...	–	–	–	–	–	4	–	–	–	–	–	–	–	–
Maine	–	–	–	–	–	–	...	–	–	–	–	–	–	–	–	–	1	–	–	–
Maryland	–	–	–	–	–	–	–	...	–	–	–	–	–	–	–	–	–	–	–	2
Massachusetts	–	–	–	–	–	–	–	–	...	–	–	–	–	–	–	–	13	–	–	2
Michigan	1	–	–	–	–	–	–	–	–	...	–	–	–	–	–	–	–	–	–	–
Minnesota	1	–	3	–	–	–	–	–	–	–	...	–	–	–	–	–	–	–	–	–
Mississippi	–	–	–	–	–	3	–	–	–	1	–	...	–	–	–	–	–	–	–	1
Missouri	17	2	–	12	–	–	–	–	–	–	–	1	...	–	–	–	–	–	–	–
Montana	–	–	–	–	–	–	–	–	–	–	–	–	–	...	–	–	–	–	–	–
Nebraska	–	–	7	2	–	–	–	–	–	–	–	–	–	–	...	–	–	–	–	–
Nevada	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	...	–	–	–	–
New Hampshire	–	–	–	–	–	–	4	–	3	–	–	–	–	–	–	–	...	–	–	–
New Jersey	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	...	–	5
New Mexico [1]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	...	–
New York	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	31	–	...
North Carolina	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
North Dakota	–	–	–	–	–	–	–	–	–	–	8	–	–	3	–	–	–	–	–	–
Ohio	–	3	–	–	13	–	–	–	–	6	1	–	–	–	–	–	–	–	–	–
Oklahoma	–	–	–	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Oregon	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pennsylvania	–	–	–	–	–	–	–	5	1	1	1	–	–	–	–	–	1	40	–	7
Rhode Island	–	–	–	–	–	–	–	–	7	–	–	–	–	–	–	–	–	–	–	–
South Carolina	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–
South Dakota [1]	–	–	3	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Tennessee [1]	1	–	–	–	10	1	–	–	–	–	–	15	–	–	–	–	–	–	–	–
Texas	–	–	1	–	–	3	–	–	–	–	–	1	1	–	–	–	–	–	2	–
Utah	–	–	–	–	–	–	–	–	–	–	–	–	–	3	–	5	–	–	1	–
Vermont	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	5
Virginia	–	–	–	–	–	–	–	6	1	–	–	–	–	–	–	–	–	2	–	–
Washington	–	–	–	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–
West Virginia	–	–	–	–	3	–	–	4	–	–	–	–	–	–	–	–	–	–	–	–
Wisconsin	7	–	1	–	–	–	–	–	–	1	5	–	–	–	–	–	–	–	–	–
Wyoming	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 3-6. Fetal Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1990—Con.
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[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Unit of residence is defined as the county or county equivalent of which the mother was a resident. Data by place of residence exclude deaths occurring in the United States to nonresidents; however, data by place of occurrence include deaths to nonresidents]

State of occurrence	Fetal deaths to interstate nonresidents by State of residence																		Fetal deaths to non-residents of U.S.
	N.C.	N. Dak.	Ohio	Okla.	Oreg.	Pa.	R.I.	S.C.	S. Dak.	Tenn.	Tex.	Utah	Vt.	Va.	Wash.	W. Va.	Wis.	Wyo.	
United States	20	3	35	10	3	38	6	24	6	19	10	5	8	40	19	24	21	6	36
Alabama	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–
Alaska	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arizona	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	5
Arkansas	–	–	–	4	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
California	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–	–	5
Colorado	–	1	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	–	–
Connecticut	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Delaware	–	–	–	–	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–
District of Columbia	–	–	1	–	–	2	–	–	–	–	–	–	1	19	–	–	–	–	1
Florida	2	–	–	–	–	–	1	–	–	–	–	–	–	1	–	–	–	–	3
Georgia	1	–	–	–	–	–	–	17	–	3	–	–	–	–	–	–	–	–	–
Hawaii	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
Idaho	–	–	–	–	1	–	–	–	–	–	–	2	–	–	3	–	–	–	–
Illinois	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–
Indiana	–	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Iowa	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1	–	1
Kansas	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kentucky	–	–	3	–	–	–	–	–	–	7	–	–	–	–	–	1	–	–	–
Louisiana	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–	–	–
Maine	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Maryland	1	–	–	–	–	3	–	–	–	–	–	–	–	5	–	3	–	–	1
Massachusetts	–	–	–	–	–	–	2	–	–	–	–	–	2	–	–	–	–	–	1
Michigan	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	–
Minnesota	–	1	–	–	–	–	–	–	2	–	–	–	–	–	–	–	14	–	–
Mississippi	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	1
Missouri	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–
Montana	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nebraska	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–
Nevada	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
New Hampshire	–	–	–	–	–	–	–	–	–	–	–	–	5	–	–	–	–	–	–
New Jersey	–	–	–	–	–	7	–	–	–	–	–	–	–	–	–	–	–	–	–
New Mexico [1]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
New York	–	–	–	–	–	10	–	–	–	–	–	–	–	–	–	–	1	–	1
North Carolina	...	–	–	–	–	–	–	7	–	1	–	–	–	5	–	–	–	–	–
North Dakota	–	...	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–
Ohio	1	–	...	–	–	5	1	–	–	–	–	–	–	–	–	4	–	–	–
Oklahoma	–	–	–	...	–	–	–	–	–	–	3	–	–	–	–	–	–	–	–
Oregon	–	–	–	–	...	–	–	–	–	–	–	–	–	–	15	–	–	–	–
Pennsylvania	1	–	8	–	–	...	–	–	–	–	1	–	–	1	–	8	–	–	–
Rhode Island	–	–	–	–	–	–	...	–	–	–	–	–	–	–	–	–	–	–	–
South Carolina	4	–	–	–	–	–	–	...	–	–	–	–	–	1	–	–	–	–	–
South Dakota [1]	–	–	–	–	–	–	–	–	...	–	–	–	–	–	–	–	–	–	–
Tennessee [1]	1	–	–	–	–	–	–	–	–	...	–	–	–	5	–	–	–	–	–
Texas	–	–	1	5	–	–	–	–	–	1	...	–	–	–	–	–	–	–	14
Utah	–	–	–	–	–	–	–	–	–	–	–	...	–	–	–	–	–	4	1
Vermont	1	–	–	–	–	–	–	–	–	–	–	–	...	–	–	–	–	–	–
Virginia	6	–	–	–	–	–	–	–	–	2	–	–	–	...	–	8	–	–	–
Washington	–	–	–	–	2	–	–	–	–	–	–	1	–	–	...	–	–	–	–
West Virginia	1	–	15	–	–	7	–	–	–	–	–	–	–	3	–	...	–	–	–
Wisconsin	–	–	1	–	–	–	–	–	–	–	1	–	–	–	–	–	...	–	–
Wyoming	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	...	–

[1] Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

Table 3-7. Fetal Deaths by Month and Race of Mother: United States and Each State, 1990

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[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Area and race of mother [1]	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
United States	31,386	2,673	2,368	2,671	2,462	2,766	2,746	2,769	2,787	2,680	2,576	2,460	2,428
White	21,081	1,835	1,630	1,830	1,651	1,852	1,856	1,809	1,860	1,769	1,699	1,647	1,643
Black	9,201	737	672	767	723	813	807	853	821	800	766	720	722
Alabama	673	44	36	61	54	68	69	54	64	53	65	56	49
White	332	24	15	27	28	37	34	30	29	25	40	26	17
Black	334	20	21	34	24	29	35	24	35	27	24	29	32
Alaska	60	4	4	5	6	8	2	8	3	6	5	7	2
White	39	2	4	5	3	5	-	6	-	5	3	5	1
Black	2	-	-	-	-	-	-	-	-	-	1	-	1
Arizona	405	28	36	22	39	32	42	46	38	30	33	31	28
White	323	22	26	18	31	24	36	36	29	28	27	25	21
Black	38	3	6	2	5	2	4	5	1	1	4	2	3
Arkansas	272	21	30	22	20	28	16	22	26	29	15	19	24
White	175	11	23	19	8	21	12	15	16	13	11	14	12
Black	94	10	7	3	11	7	4	7	10	15	4	5	11
California	4,018	347	321	342	304	349	356	328	383	330	327	315	316
White	3,111	271	256	255	240	280	279	250	292	256	244	246	242
Black	578	50	41	55	36	44	55	51	52	43	47	49	55
Colorado	350	36	21	26	28	34	30	31	20	28	41	27	28
White	316	36	19	25	25	30	22	29	19	23	38	23	27
Black	26	-	1	1	2	1	6	2	1	4	3	4	1
Connecticut	356	30	36	32	19	39	28	35	14	33	37	23	30
White	273	21	30	27	14	27	24	28	9	26	29	16	22
Black	79	9	6	5	5	12	4	7	4	5	8	7	7
Delaware	76	7	5	8	6	10	8	3	8	4	1	5	11
White	50	5	4	6	5	6	7	1	4	1	1	3	7
Black	26	2	1	2	1	4	1	2	4	3	-	2	4
District of Columbia	155	20	12	13	15	8	12	13	15	10	14	12	11
White	10	-	-	-	1	-	2	3	1	-	1	1	1
Black	145	20	12	13	14	8	10	10	14	10	13	11	10
Florida	1,628	142	107	124	115	139	118	191	169	134	136	149	104
White	961	93	59	82	62	75	80	107	90	76	73	97	67
Black	644	46	48	42	51	62	37	79	78	57	58	49	37
Georgia	1,364	108	89	114	116	119	125	119	126	114	121	105	108
White	599	49	37	50	49	53	48	60	48	49	61	41	54
Black	753	59	51	64	67	63	76	58	77	65	59	62	52
Hawaii	143	14	4	13	13	12	5	12	14	16	17	14	9
White	44	4	2	3	7	4	2	3	1	4	7	5	2
Black	10	-	-	1	1	2	-	1	1	-	3	1	-
Idaho	113	6	11	8	6	8	14	14	8	12	11	10	5
White	109	6	10	8	6	8	13	14	8	11	11	9	5
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
Illinois	1,501	114	135	111	126	136	123	105	133	129	145	118	126
White	906	73	80	77	73	91	75	53	88	69	85	60	82
Black	566	38	54	34	50	40	47	51	43	57	60	50	42
Indiana	611	61	40	49	52	69	48	48	47	60	39	55	43
White	501	50	30	42	44	55	41	40	39	46	30	46	38
Black	107	11	9	7	8	14	6	7	8	14	9	9	5
Iowa	267	25	23	23	20	13	25	20	31	20	25	17	25
White	246	23	23	22	19	13	24	19	29	18	21	13	22
Black	18	2	-	1	1	-	1	1	2	2	3	3	2
Kansas	216	12	20	21	20	21	20	12	13	19	24	20	14
White	180	10	16	19	14	18	17	8	12	15	22	16	13
Black	30	2	4	2	3	2	3	3	1	4	1	4	1
Kentucky	425	36	44	41	25	44	35	37	39	33	26	29	36
White	361	27	36	37	24	34	27	32	34	28	26	26	30
Black	62	9	8	4	1	9	7	5	5	5	-	3	6
Louisiana	606	49	37	51	51	53	49	57	57	58	55	43	46
White	286	20	18	25	21	26	28	21	31	25	28	21	22
Black	313	28	18	25	30	27	19	35	26	32	27	22	24
Maine	92	6	5	8	10	6	4	12	12	11	12	3	3
White	90	5	5	7	10	6	4	12	12	11	12	3	3
Black	1	-	-	1	-	-	-	-	-	-	-	-	-
Maryland	653	70	55	68	31	47	56	63	60	55	38	45	65
White	318	32	29	35	14	24	22	30	31	28	20	23	30
Black	322	37	25	32	15	21	32	32	28	25	18	22	35
Massachusetts	544	41	40	46	48	52	47	42	44	47	52	52	33
White	438	33	31	36	40	42	39	33	40	40	35	42	27
Black	96	8	9	9	7	10	7	9	3	6	15	7	6
Michigan	808	75	69	70	61	71	66	68	78	54	71	62	63
White	554	54	42	43	41	50	43	43	56	38	55	47	42
Black	243	20	27	25	20	20	22	25	22	13	13	15	21
Minnesota	425	43	24	28	25	33	36	42	34	42	28	33	57
White	358	33	22	23	22	29	28	37	30	33	25	30	46
Black	37	3	-	5	2	-	4	2	3	7	2	3	6
Mississippi	500	40	32	43	33	45	44	54	47	41	33	39	49
White	155	11	11	17	12	14	13	16	11	11	8	14	17
Black	340	28	21	26	21	30	30	36	36	30	25	25	32

Table 3-7. Fetal Deaths by Month and Race of Mother: United States and Each State, 1990—Con.
(Page 2 of 2)
[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Area and race of mother [1]	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Missouri	536	49	44	57	35	48	58	40	60	30	46	39	30
White	354	29	30	48	20	28	34	26	40	21	29	27	22
Black	179	20	14	9	15	19	23	14	20	8	17	12	8
Montana	86	10	5	5	8	9	8	6	10	10	3	4	8
White	71	9	5	5	5	7	7	3	9	9	3	2	7
Black	1	–	–	–	–	–	–	1	–	–	–	–	–
Nebraska	159	15	6	17	9	10	22	12	16	21	10	8	13
White	139	15	4	17	9	9	18	11	12	19	7	8	10
Black	16	–	1	–	–	1	4	1	2	2	2	–	3
Nevada	176	18	11	12	9	16	19	16	16	12	16	16	15
White	142	12	9	9	7	12	16	14	15	8	13	16	11
Black	26	4	1	3	2	4	3	2	–	2	1	–	4
New Hampshire	103	10	13	8	5	7	8	14	2	8	13	7	8
White	100	10	13	8	4	7	8	14	2	8	12	7	7
Black	2	–	–	–	–	–	–	–	–	–	1	–	1
New Jersey	1,001	88	72	74	101	94	90	81	65	87	82	80	87
White	591	57	45	44	65	53	60	48	34	47	54	44	40
Black	376	28	25	28	33	39	26	29	30	36	26	32	44
New Mexico [2]	130	16	10	10	10	7	13	6	13	16	12	7	10
White	107	12	9	8	10	6	11	6	11	12	9	5	8
Black	3	1	–	–	–	1	–	–	–	–	–	1	–
New York	3,090	264	201	261	253	263	282	272	262	284	268	255	225
White	1,877	167	128	160	152	159	179	153	165	169	153	147	145
Black	1,119	88	71	95	94	96	96	109	90	109	102	94	75
North Carolina	896	71	66	76	73	66	87	94	78	73	71	68	73
White	467	45	34	39	42	32	44	59	36	30	38	31	37
Black	421	25	32	37	31	34	42	35	41	41	31	36	36
North Dakota	71	5	4	7	6	8	3	6	6	9	8	5	4
White	62	4	4	6	4	8	3	5	5	9	6	4	4
Black	–	–	–	–	–	–	–	–	–	–	–	–	–
Ohio	1,178	105	76	107	86	95	115	103	107	92	87	112	93
White	888	85	63	76	66	81	76	74	82	67	59	86	73
Black	280	19	12	31	19	14	39	26	25	24	27	25	19
Oklahoma	338	32	26	34	31	19	31	25	29	30	25	31	25
White	241	20	20	28	24	13	25	19	21	19	14	22	16
Black	46	9	2	3	5	4	5	3	2	1	3	4	5
Oregon	260	14	25	27	22	31	28	21	23	17	16	16	20
White	238	13	24	26	21	27	23	19	22	16	13	15	19
Black	8	1	–	1	1	2	2	–	1	–	–	–	–
Pennsylvania	1,562	123	133	140	129	133	138	136	158	124	132	112	104
White	1,166	94	95	101	93	96	103	89	119	100	98	94	84
Black	376	28	34	38	35	34	34	43	37	24	31	18	20
Rhode Island	85	9	7	3	8	8	8	8	6	5	8	6	9
White	76	9	6	3	8	7	8	6	5	4	8	4	8
Black	9	–	1	–	–	1	–	2	1	1	–	2	1
South Carolina	594	45	44	45	38	62	50	48	59	61	46	44	52
White	261	21	20	27	21	23	17	18	22	30	20	17	25
Black	327	23	23	18	17	39	31	30	37	30	26	26	27
South Dakota [2]	67	6	4	7	8	9	9	4	5	6	2	2	5
White	49	3	3	6	7	6	6	3	5	3	1	1	5
Black	1	–	–	1	–	–	–	–	–	–	–	–	–
Tennessee [2]	456	46	32	44	36	52	28	42	41	36	29	35	35
White	293	31	22	30	25	26	19	28	30	21	16	23	22
Black	160	14	10	14	11	26	9	14	11	15	12	12	12
Texas	2,042	192	169	175	166	161	169	187	175	196	153	142	157
White	1,529	150	125	119	125	112	129	137	137	150	112	108	125
Black	476	36	41	54	38	43	35	43	38	43	40	33	32
Utah	183	10	27	19	19	19	8	14	14	18	10	14	11
White	173	9	26	18	16	19	8	13	13	16	10	14	11
Black	–	–	–	–	–	–	–	–	–	–	–	–	–
Vermont	46	3	8	5	5	5	4	4	3	2	–	5	2
White	41	3	7	5	5	3	3	4	3	1	–	5	2
Black	3	–	1	–	–	1	1	–	–	–	–	–	–
Virginia	908	67	72	77	62	82	96	86	65	78	77	74	72
White	519	37	50	43	30	44	60	46	42	47	38	40	42
Black	371	28	22	33	30	36	35	37	20	30	38	32	30
Washington	473	35	27	43	48	49	36	51	38	34	38	35	39
White	406	27	23	39	43	44	34	41	29	29	31	31	35
Black	29	6	3	2	3	3	1	3	1	2	1	2	2
West Virginia	179	21	15	22	14	18	13	9	11	17	13	15	11
White	161	21	14	21	11	15	11	7	11	16	12	14	8
Black	18	–	1	1	3	3	2	2	–	1	1	1	3
Wisconsin	457	39	35	43	37	46	42	37	36	42	36	33	31
White	348	36	23	32	24	39	31	29	25	35	26	24	24
Black	89	2	9	6	11	5	9	7	11	6	10	6	7
Wyoming	49	1	–	4	1	5	3	11	6	4	4	6	4
White	47	1	–	4	1	4	3	11	6	4	4	6	3
Black	1	–	–	–	–	1	–	–	–	–	–	–	–

[1] Totals for geographic areas include races other than white and black.
[2] Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

Table 3-8. Fetal Deaths by Sex, Total-Birth Order, and Age and Race of Mother: United States, 1990

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more. Total-birth order refers to number of children ever born to mother, including all spontaneous fetal deaths and induced terminations of pregnancy for most States; see Technical Appendix]

Age and race of mother, and sex	Total	Total-birth order								
		1	2	3	4	5	6	7	8 and over	Not stated
All races [1]	31,386	9,320	7,331	5,309	3,185	1,853	1,011	620	832	1,925
Under 15 years	174	148	17	1	–	–	–	–	–	8
15-19 years	4,584	2,687	1,070	385	107	29	10	2	2	292
20-24 years	8,073	2,787	2,150	1,387	709	333	151	69	54	433
25-29 years	8,378	2,014	2,068	1,595	975	572	283	152	171	548
30-34 years	6,358	1,164	1,391	1,257	866	543	291	202	250	394
35-39 years	3,067	422	561	560	451	299	211	136	241	186
40-44 years	716	92	72	121	71	75	62	57	103	63
45-49 years	36	6	2	3	6	2	3	2	11	1
Male	16,873	5,149	3,831	2,803	1,669	978	568	349	471	1,055
Under 15 years	98	84	8	1	–	–	–	–	–	5
15-19 years	2,462	1,451	556	217	52	14	3	1	2	166
20-24 years	4,279	1,496	1,118	724	373	181	82	39	19	247
25-29 years	4,535	1,152	1,072	823	521	303	172	90	101	301
30-34 years	3,387	662	715	671	437	280	164	107	136	215
35-39 years	1,705	250	324	304	245	155	107	76	148	96
40-44 years	386	49	36	61	38	44	38	35	60	25
45-49 years	21	5	2	2	3	1	2	1	5	–
Female	14,513	4,171	3,500	2,506	1,516	875	443	271	361	870
Under 15 years	76	64	9	–	–	–	–	–	–	3
15-19 years	2,122	1,236	514	168	55	15	7	1	–	126
20-24 years	3,794	1,291	1,032	663	336	152	69	30	35	186
25-29 years	3,843	862	996	772	454	269	111	62	70	247
30-34 years	2,971	502	676	586	429	263	127	95	114	179
35-39 years	1,362	172	237	256	206	144	104	60	93	90
40-44 years	330	43	36	60	33	31	24	22	43	38
45-49 years	15	1	–	1	3	1	1	1	6	1
White	21,081	6,620	5,103	3,575	2,025	1,114	610	350	471	1,213
Under 15 years	59	50	6	1	–	–	–	–	–	2
15-19 years	2,652	1,682	581	182	37	14	3	–	1	152
20-24 years	5,189	2,052	1,418	809	379	150	71	30	21	259
25-29 years	5,795	1,540	1,525	1,122	616	334	160	66	82	350
30-34 years	4,606	904	1,083	933	619	357	185	118	135	272
35-39 years	2,233	321	430	432	322	208	144	94	152	130
40-44 years	521	66	58	93	50	50	45	41	71	47
45-49 years	26	5	2	3	2	1	2	1	9	1
Male	11,228	3,611	2,676	1,834	1,061	589	344	197	268	648
Under 15 years	37	32	3	1	–	–	–	–	–	1
15-19 years	1,381	881	296	98	20	7	–	–	1	78
20-24 years	2,764	1,091	751	411	211	87	39	18	9	147
25-29 years	3,081	868	783	555	328	172	96	42	49	188
30-34 years	2,421	514	559	482	303	178	103	58	71	153
35-39 years	1,245	186	250	241	171	114	76	56	90	61
40-44 years	282	34	32	44	27	31	28	23	43	20
45-49 years	17	5	2	2	1	–	2	–	5	–
Female	9,853	3,009	2,427	1,741	964	525	266	153	203	565
Under 15 years	22	18	3	–	–	–	–	–	–	1
15-19 years	1,271	801	285	84	17	7	3	–	–	74
20-24 years	2,425	961	667	398	168	63	32	12	12	112
25-29 years	2,714	672	742	567	288	162	64	24	33	162
30-34 years	2,185	390	524	451	316	179	82	60	64	119
35-39 years	988	135	180	191	151	94	68	38	62	69
40-44 years	239	32	26	49	23	19	17	18	28	27
45-49 years	9	–	–	1	1	1	–	1	4	1
Black	9,201	2,367	1,977	1,570	1,062	673	356	237	314	645
Under 15 years	111	94	11	–	–	–	–	–	–	6
15-19 years	1,815	938	463	194	68	15	7	2	1	127
20-24 years	2,649	648	676	545	308	168	76	37	32	159
25-29 years	2,288	388	473	428	326	220	110	76	83	184
30-34 years	1,500	207	247	275	220	171	95	76	100	109
35-39 years	672	71	96	104	119	79	52	31	74	46
40-44 years	158	21	11	24	17	19	16	14	22	14
45-49 years	8	–	–	–	4	1	–	1	2	–
Male	5,041	1,366	1,023	878	552	351	197	134	173	367
Under 15 years	60	51	5	–	–	–	–	–	–	4
15-19 years	1,015	531	247	115	32	7	3	1	1	78
20-24 years	1,394	362	338	294	151	85	42	20	9	93
25-29 years	1,286	240	249	246	173	122	64	41	48	103
30-34 years	829	124	124	157	117	92	55	46	57	57
35-39 years	369	46	57	52	69	34	23	13	47	28
40-44 years	84	12	3	14	8	10	10	12	11	4
45-49 years	4	–	–	–	2	1	–	1	–	–
Female	4,160	1,001	954	692	510	322	159	103	141	278
Under 15 years	51	43	6	–	–	–	–	–	–	2
15-19 years	800	407	216	79	36	8	4	1	–	49
20-24 years	1,255	286	338	251	157	83	34	17	23	66
25-29 years	1,002	148	224	182	153	98	46	35	35	81
30-34 years	671	83	123	118	103	79	40	30	43	52
35-39 years	303	25	39	52	50	45	29	18	27	18
40-44 years	74	9	8	10	9	9	6	2	11	10
45-49 years	4	–	–	–	2	–	–	–	2	–

[1] Includes races other than white and black.

Table 3-9. Fetal Deaths by Total-Birth Order and Race of Mother: United States and Each State, 1990

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[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more. Total-birth order refers to number of children ever born to mother, including all spontaneous fetal deaths and induced terminations of pregnancy for most States; see Technical Appendix]

Area and race of mother [1]	Total	Total-birth order								
		1	2	3	4	5	6	7	8 and over	Not stated
United States	31,386	9,320	7,331	5,309	3,185	1,853	1,011	620	832	1,925
White	21,081	6,620	5,103	3,575	2,025	1,114	610	350	471	1,213
Black	9,201	2,367	1,977	1,570	1,062	673	356	237	314	645
Alabama	673	247	184	100	67	33	9	13	8	12
White	332	143	92	43	28	11	3	4	4	4
Black	334	103	88	57	39	21	6	9	4	7
Alaska	60	14	13	10	8	5	5	1	2	2
White	39	12	11	5	1	4	4	–	–	2
Black	2	–	–	–	1	1	–	–	–	–
Arizona	405	123	78	76	51	30	12	8	13	14
White	323	109	70	57	37	19	7	5	8	11
Black	38	8	4	10	4	6	3	1	2	–
Arkansas	272	97	71	44	28	12	11	5	1	3
White	175	69	51	25	17	6	5	1	–	1
Black	94	27	20	18	10	6	6	4	1	2
California	4,018	1,347	876	616	376	209	136	70	129	259
White	3,111	1,063	688	477	300	153	104	49	96	181
Black	578	166	109	92	55	40	22	9	20	65
Colorado	350	104	91	63	39	21	14	5	10	3
White	316	94	83	57	36	19	12	5	7	3
Black	26	7	6	6	3	2	–	–	2	–
Connecticut	356	78	49	30	13	5	2	2	2	175
White	273	62	37	23	8	3	2	1	1	136
Black	79	15	12	7	5	2	–	1	1	36
Delaware	76	22	21	14	6	5	3	2	1	2
White	50	15	13	11	5	4	1	–	–	1
Black	26	7	8	3	1	1	2	2	1	1
District of Columbia	155	25	31	24	24	10	10	5	10	16
White	10	3	2	1	1	–	–	2	–	1
Black	145	22	29	23	23	10	10	3	10	15
Florida	1,628	489	333	262	165	75	51	32	27	194
White	961	321	203	152	100	41	30	16	11	87
Black	644	163	123	107	65	32	20	16	16	102
Georgia	1,364	432	325	246	134	85	44	23	30	45
White	599	205	135	111	62	37	16	4	9	20
Black	753	222	188	133	72	47	28	19	21	23
Hawaii	143	37	52	24	12	5	5	3	5	–
White	44	10	17	8	4	3	2	–	–	–
Black	10	1	6	1	2	–	–	–	–	–
Idaho	113	25	25	18	14	12	9	4	5	1
White	109	25	24	16	14	12	8	4	5	1
Black	–	–	–	–	–	–	–	–	–	–
Illinois	1,501	387	349	270	155	103	52	27	36	122
White	906	264	229	165	89	58	24	12	13	52
Black	566	111	114	102	65	43	26	14	22	69
Indiana	611	196	153	113	53	30	15	8	15	28
White	501	168	131	95	41	18	11	7	14	16
Black	107	27	22	16	12	12	4	1	1	12
Iowa	267	77	71	50	29	15	7	6	8	4
White	246	71	65	47	27	13	6	5	8	4
Black	18	6	5	3	1	2	1	–	–	–
Kansas	216	66	63	33	23	12	6	4	6	3
White	180	59	51	28	20	9	5	3	3	2
Black	30	5	11	4	2	3	1	–	3	1
Kentucky	425	160	110	71	30	12	12	6	3	21
White	361	137	94	60	23	10	9	5	3	20
Black	62	22	16	10	7	2	3	1	–	1
Louisiana	606	224	131	108	57	44	11	10	12	9
White	286	111	75	53	20	18	3	2	2	2
Black	313	113	54	52	37	26	7	8	9	7
Maine	92	38	21	15	7	3	2	–	2	4
White	90	38	20	15	7	3	1	–	2	4
Black	1	–	–	–	–	–	1	–	–	–
Maryland	653	151	139	131	62	46	18	13	14	79
White	318	81	72	61	27	14	6	5	4	48
Black	322	66	64	66	35	32	11	8	10	30
Massachusetts	544	146	144	96	50	43	21	13	17	14
White	438	119	122	80	41	29	14	10	11	12
Black	96	25	19	15	8	11	7	3	6	2
Michigan	808	235	195	155	101	54	29	11	23	5
White	554	166	147	111	61	27	21	7	12	2
Black	243	64	45	44	38	27	7	4	11	3
Minnesota	425	100	108	84	44	24	7	11	13	34
White	358	88	97	74	33	20	5	4	6	31
Black	37	8	7	9	5	2	–	3	1	2

Table 3-9. Fetal Deaths by Total-Birth Order and Race of Mother: United States and Each State, 1990—Con.

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[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more. Total-birth order refers to number of children ever born to mother, including all spontaneous fetal deaths and induced terminations of pregnancy for most States; see Technical Appendix]

Area and race of mother [1]	Total	Total-birth order								
		1	2	3	4	5	6	7	8 and over	Not stated
Mississippi	500	154	137	87	51	25	17	5	13	11
White	155	60	49	26	11	1	–	–	3	5
Black	340	93	87	59	39	24	17	5	10	6
Missouri	536	175	125	85	70	28	18	11	17	7
White	354	124	76	68	44	11	13	4	11	3
Black	179	49	48	17	26	17	5	7	6	4
Montana	86	23	21	13	11	4	3	4	7	–
White	71	20	19	13	7	3	–	4	5	–
Black	1	–	1	–	–	–	–	–	–	–
Nebraska	159	56	32	28	20	7	7	3	2	4
White	139	48	28	26	18	7	7	2	–	3
Black	16	6	4	2	1	–	–	1	1	1
Nevada	176	55	28	36	14	7	7	5	5	19
White	142	46	23	25	13	6	6	5	4	14
Black	26	6	4	10	1	–	1	–	1	3
New Hampshire	103	35	28	20	6	5	5	2	1	1
White	100	34	27	19	6	5	5	2	1	1
Black	2	–	1	1	–	–	–	–	–	–
New Jersey	1,001	235	215	161	111	64	38	20	30	127
White	591	145	135	102	61	32	22	7	17	70
Black	376	79	71	54	48	28	14	13	13	56
New Mexico [2]	130	51	25	21	8	8	7	5	3	2
White	107	41	24	19	6	5	6	1	3	2
Black	3	1	–	–	1	1	–	–	–	–
New York	3,090	786	646	511	350	223	141	104	138	191
White	1,877	523	420	319	195	115	66	60	64	115
Black	1,119	234	203	177	146	103	72	41	71	72
North Carolina	896	320	227	179	84	40	23	7	10	6
White	467	179	124	87	40	14	13	2	6	2
Black	421	137	102	91	43	26	9	5	4	4
North Dakota	71	17	24	12	7	6	1	–	1	3
White	62	13	22	11	6	6	1	–	–	3
Black	–	–	–	–	–	–	–	–	–	–
Ohio	1,178	327	281	212	136	73	33	23	29	64
White	888	266	217	165	87	46	25	17	19	46
Black	280	57	64	46	48	26	7	6	10	16
Oklahoma	338	67	54	36	24	9	6	2	2	138
White	241	48	43	26	18	7	4	2	2	91
Black	46	6	4	7	3	–	1	–	–	25
Oregon	260	58	66	51	25	28	9	13	9	1
White	238	55	61	48	21	26	9	11	6	1
Black	8	–	2	2	1	–	–	2	1	–
Pennsylvania	1,562	387	421	247	168	99	55	38	52	95
White	1,166	306	349	177	113	63	35	23	30	70
Black	376	76	66	66	53	35	18	15	22	25
Rhode Island	85	14	12	5	11	1	–	–	–	42
White	76	14	10	5	9	1	–	–	–	37
Black	9	–	2	–	2	–	–	–	–	5
South Carolina	594	211	165	94	54	34	12	8	5	11
White	261	106	72	40	20	12	4	2	–	5
Black	327	102	91	54	33	22	8	6	5	6
South Dakota [2]	67	19	19	11	7	2	2	1	4	2
White	49	18	12	9	6	–	1	1	2	–
Black	1	–	1	–	–	–	–	–	–	–
Tennessee [2]	456	162	120	83	40	23	8	3	11	6
White	293	110	83	52	21	15	3	1	6	2
Black	160	50	37	30	19	8	5	2	5	4
Texas	2,042	640	495	365	210	126	60	47	42	57
White	1,529	487	367	271	157	99	43	34	32	39
Black	476	140	115	87	51	26	16	13	10	18
Utah	183	59	34	21	21	15	9	3	12	9
White	173	56	33	20	20	13	9	3	11	8
Black	–	–	–	–	–	–	–	–	–	–
Vermont	46	12	17	5	3	4	4	–	–	1
White	41	11	15	5	3	3	3	–	–	1
Black	3	1	1	–	–	–	1	–	–	–
Virginia	908	283	240	160	96	48	20	10	11	40
White	519	168	140	94	52	28	7	2	5	23
Black	371	110	93	63	42	19	13	8	6	17
Washington	473	137	100	75	43	34	21	11	17	35
White	406	120	86	59	39	31	20	8	14	29
Black	29	7	7	6	1	1	1	2	1	3
West Virginia	179	69	36	38	17	8	3	4	3	1
White	161	61	32	35	16	8	3	3	2	1
Black	18	8	4	3	1	–	–	1	1	–

Table 3-9. Fetal Deaths by Total-Birth Order and Race of Mother: United States and Each State, 1990—Con.

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[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more. Total-birth order refers to number of children ever born to mother, including all spontaneous fetal deaths and induced terminations of pregnancy for most States; see Technical Appendix]

Area and race of mother [1]	Total	Total-birth order								
		1	2	3	4	5	6	7	8 and over	Not stated
Wisconsin	457	134	121	88	44	34	10	9	14	3
White	348	115	99	67	28	21	5	5	7	1
Black	89	16	19	17	13	9	3	4	6	2
Wyoming	49	14	9	12	6	5	1	-	2	-
White	47	13	8	12	6	5	1	-	2	-
Black	1	1	-	-	-	-	-	-	-	-

[1] Totals for geographic areas include races other than white and black.
[2] Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

Table 3-10. Fetal Deaths and Fetal Mortality Rates by Age and Race of Mother for the United States and Each State, and by Sex for the United States: 1990

(Page 1 of 6)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group]

Area, race of mother,[1] and sex	Total	Age of mother							
		Number							
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
United States	31,386	174	4,584	8,073	8,378	6,358	3,067	716	36
White	21,081	59	2,652	5,189	5,795	4,606	2,233	521	26
Black	9,201	111	1,815	2,649	2,288	1,500	672	158	8
Male	16,873	98	2,462	4,279	4,535	3,387	1,705	386	21
White	11,228	37	1,381	2,764	3,081	2,421	1,245	282	17
Black	5,041	60	1,015	1,394	1,286	829	369	84	4
Female	14,513	76	2,122	3,794	3,843	2,971	1,362	330	15
White	9,853	22	1,271	2,425	2,714	2,185	988	239	9
Black	4,160	51	800	1,255	1,002	671	303	74	4
Alabama	673	7	120	201	175	109	51	9	1
White	332	3	49	99	95	54	27	5	-
Black	334	4	71	100	77	55	23	3	1
Alaska	60	-	7	19	17	8	8	1	-
White	39	-	5	10	10	6	7	1	-
Black	2	-	-	1	1	-	-	-	-
Arizona	405	1	60	110	105	78	41	10	-
White	323	-	48	94	80	65	29	7	-
Black	38	1	7	5	13	6	5	1	-
Arkansas	272	1	50	101	67	35	15	3	-
White	175	-	26	62	50	21	13	3	-
Black	94	1	24	38	15	14	2	-	-
California	4,018	12	482	963	1,089	870	470	125	7
White	3,111	9	364	771	830	676	351	103	7
Black	578	2	92	140	163	112	57	12	-
Colorado	350	2	53	67	99	89	38	2	-
White	316	-	46	60	90	82	36	2	-
Black	26	2	7	7	6	2	2	-	-
Connecticut	356	3	33	62	118	85	46	9	-
White	273	-	23	41	95	66	40	8	-
Black	79	3	10	21	20	19	5	1	-
Delaware	76	-	10	22	22	18	4	-	-
White	50	-	4	13	17	13	3	-	-
Black	26	-	6	9	5	5	1	-	-
District of Columbia	155	-	29	50	38	19	15	4	-
White	10	-	1	1	5	2	1	-	-
Black	145	-	28	49	33	17	14	4	-
Florida	1,628	14	244	431	412	329	155	41	2
White	961	4	118	243	242	221	106	25	2
Black	644	10	121	184	161	105	47	16	-
Georgia	1,364	21	260	426	312	213	113	19	-
White	599	4	86	187	150	99	61	12	-
Black	753	17	173	234	161	110	51	7	-
Hawaii	143	1	20	30	40	31	16	5	-
White	44	-	3	9	14	12	4	2	-
Black	10	-	2	3	3	2	-	-	-
Idaho	113	-	14	36	26	22	9	5	1
White	109	-	13	35	26	22	7	5	1
Black	-	-	-	-	-	-	-	-	-
Illinois	1,501	7	220	337	419	340	145	33	-
White	906	-	88	190	270	237	96	25	-
Black	566	7	132	144	139	97	42	5	-
Indiana	611	2	115	184	169	95	40	6	-
White	501	1	83	147	144	85	36	5	-
Black	107	1	32	36	25	8	4	1	-
Iowa	267	-	32	61	86	61	21	6	-
White	246	-	30	52	78	60	20	6	-
Black	18	-	2	9	6	-	1	-	-
Kansas	216	1	35	57	55	35	28	5	-
White	180	-	30	47	46	31	22	4	-
Black	30	1	4	9	8	2	6	-	-
Kentucky	425	5	84	124	106	73	25	8	-
White	361	3	67	108	89	64	22	8	-
Black	62	2	17	16	16	8	3	-	-
Louisiana	606	6	120	162	147	105	53	13	-
White	286	-	50	77	70	56	26	7	-
Black	313	6	69	85	75	47	25	6	-
Maine	92	-	10	24	28	20	7	3	-
White	90	-	10	24	28	20	5	3	-
Black	1	-	-	-	-	-	1	-	-
Maryland	653	3	78	156	197	144	62	12	1
White	318	2	36	69	85	78	41	6	1
Black	322	1	42	84	111	61	17	6	-

Table 3-10. Fetal Deaths and Fetal Mortality Rates by Age and Race of Mother for the United States and Each State, and by Sex for the United States: 1990—Con.

(Page 2 of 6)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group]

Area, race of mother,[1] and sex	Total	Age of mother							
		Rate							
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
United States	7.5	14.7	8.7	7.3	6.5	7.1	9.6	14.5	21.5
White	6.4	11.7	7.4	6.2	5.5	6.2	8.5	13.1	21.6
Black	13.3	17.2	11.8	12.0	13.4	14.8	18.5	27.5	*
Male	7.9	15.9	9.1	7.6	6.9	7.4	10.4	15.2	24.6
White	6.6	14.1	7.5	6.4	5.7	6.3	9.2	13.8	*
Black	14.3	17.9	13.0	12.5	14.9	16.3	20.1	29.2	*
Female	7.1	13.4	8.3	7.1	6.1	6.8	8.7	13.7	*
White	6.1	9.1	7.3	5.9	5.3	6.0	7.7	12.4	*
Black	12.2	16.4	10.6	11.6	11.9	13.4	16.9	25.9	*
Alabama	10.5	*	10.6	10.1	9.6	10.5	14.7	*	*
White	8.0	*	8.3	8.0	7.3	7.3	11.8	*	*
Black	15.0	*	13.0	13.6	15.2	19.6	20.8	*	*
Alaska	5.0	*	*	*	*	*	*	*	*
White	4.8	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
Arizona	5.8	*	6.2	5.6	5.0	5.8	8.5	*	*
White	5.4	*	6.0	5.7	4.4	5.5	7.0	*	*
Black	14.6	*	*	*	*	*	*	*	*
Arkansas	7.4	*	7.1	8.2	6.6	6.9	*	*	*
White	6.3	*	5.8	6.7	6.0	5.2	*	*	*
Black	10.9	*	9.7	13.1	*	*	*	*	*
California	6.5	*	6.9	6.0	5.9	6.5	8.5	12.6	*
White	6.1	*	6.3	5.7	5.5	6.3	8.0	13.2	*
Black	11.7	*	10.5	9.6	11.9	12.9	18.8	*	*
Colorado	6.5	*	8.8	5.1	6.0	7.1	7.9	*	*
White	6.4	*	8.8	5.1	5.9	7.0	8.0	*	*
Black	8.9	*	*	*	*	*	*	*	*
Connecticut	7.1	*	8.1	6.3	7.3	5.9	8.9	*	*
White	6.4	*	8.3	5.4	6.7	5.1	8.5	*	*
Black	12.3	*	*	10.5	11.6	*	*	*	*
Delaware	6.8	*	*	7.5	6.1	*	*	*	*
White	5.9	*	*	*	*	*	*	*	*
Black	10.0	*	*	*	*	*	*	*	*
District of Columbia	12.9	*	14.1	15.5	12.3	*	*	*	*
White	*	*	*	*	*	*	*	*	*
Black	15.7	*	15.0	18.2	13.6	*	*	*	*
Florida	8.1	*	9.0	8.1	6.8	7.9	10.5	17.3	*
White	6.4	*	7.3	6.3	5.0	6.6	9.0	13.6	*
Black	13.7	*	11.1	12.7	14.6	15.0	18.1	*	*
Georgia	12.0	41.6	14.0	12.6	9.5	10.3	16.5	*	*
White	8.4	*	9.4	9.5	6.8	6.8	12.7	*	*
Black	18.3	*	18.4	17.1	16.1	19.4	27.3	*	*
Hawaii	6.9	*	9.3	5.6	6.5	6.8	*	*	*
White	7.1	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
Idaho	6.8	*	*	7.2	5.2	6.9	*	*	*
White	6.8	*	*	7.3	5.4	7.1	*	*	*
Black	*	*	*	*	*	*	*	*	*
Illinois	7.6	*	8.7	7.0	6.9	7.6	9.2	14.1	*
White	6.1	*	6.5	5.7	5.5	6.4	7.5	13.3	*
Black	12.9	*	11.5	10.5	14.2	16.3	19.4	*	*
Indiana	7.0	*	9.2	7.2	6.2	6.0	8.3	*	*
White	6.6	*	8.5	6.7	5.8	5.9	8.2	*	*
Black	11.2	*	12.6	11.1	11.7	*	*	*	*
Iowa	6.7	*	8.0	5.8	6.3	7.2	8.3	*	*
White	6.5	*	8.2	5.2	5.9	7.3	8.2	*	*
Black	*	*	*	*	*	*	*	*	*
Kansas	5.5	*	7.4	5.2	4.4	4.4	10.7	*	*
White	5.2	*	7.8	4.9	4.0	4.2	9.1	*	*
Black	8.9	*	*	*	*	*	*	*	*
Kentucky	7.8	*	8.9	7.1	6.7	8.3	8.9	*	*
White	7.3	*	8.3	7.0	6.2	7.9	8.5	*	*
Black	12.0	*	*	*	*	*	*	*	*
Louisiana	8.3	*	9.7	7.3	7.2	8.5	12.1	*	*
White	6.9	*	9.4	6.5	5.3	6.9	9.7	*	*
Black	10.4	*	9.9	8.5	10.8	11.9	16.0	*	*
Maine	5.3	*	*	4.9	4.9	5.6	*	*	*
White	5.3	*	*	5.0	5.0	5.7	*	*	*
Black	*	*	*	*	*	*	*	*	*
Maryland	8.1	*	9.5	8.4	7.7	7.3	8.4	*	*
White	6.0	*	9.8	6.5	4.8	5.4	7.4	*	*
Black	12.8	*	9.5	11.2	16.0	13.8	*	*	*

Table 3-10. Fetal Deaths and Fetal Mortality Rates by Age and Race of Mother for the United States and Each State, and by Sex for the United States: 1990—Con.

(Page 3 of 6)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group]

Area, race of mother,[1] and sex	Total	Age of mother							
		Number							
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
Massachusetts	544	1	54	110	153	137	73	14	2
White	438	–	43	86	120	114	62	11	2
Black	96	1	11	20	31	20	10	3	–
Michigan	808	–	118	223	210	168	71	18	–
White	554	–	68	142	152	126	50	16	–
Black	243	–	48	75	57	41	20	2	–
Minnesota	425	1	39	100	118	106	47	13	1
White	358	1	25	77	107	97	40	10	1
Black	37	–	10	14	5	4	4	–	–
Mississippi	500	7	116	141	113	78	35	9	1
White	155	–	23	48	48	19	15	2	–
Black	340	7	93	91	65	57	19	7	1
Missouri	536	4	91	168	131	89	41	12	–
White	354	2	56	100	87	67	34	8	–
Black	179	2	35	67	42	22	7	4	–
Montana	86	–	7	23	23	15	13	5	–
White	71	–	4	19	20	14	10	4	–
Black	1	–	–	–	–	1	–	–	–
Nebraska	159	–	16	41	38	43	16	4	1
White	139	–	11	36	34	39	15	3	1
Black	16	–	4	4	3	3	1	1	–
Nevada	176	2	18	50	52	34	18	1	1
White	142	–	13	39	43	30	16	–	1
Black	26	2	3	10	8	1	1	1	–
New Hampshire	103	–	11	27	36	19	9	1	–
White	100	–	11	26	36	18	8	1	–
Black	2	–	–	1	–	–	1	–	–
New Jersey	1,001	3	95	209	273	241	151	27	2
White	591	1	27	103	155	174	113	17	1
Black	376	2	68	102	109	57	27	10	1
New Mexico [2]	130	1	28	37	28	18	12	6	–
White	107	–	26	30	22	16	9	4	–
Black	3	–	–	1	1	–	1	–	–
New York	3,090	15	307	695	844	746	391	88	4
White	1,877	9	165	385	504	488	262	61	3
Black	1,119	6	136	298	319	222	116	21	1
North Carolina	896	9	179	273	219	145	65	6	–
White	467	1	85	132	121	87	38	3	–
Black	421	7	93	139	96	58	25	3	–
North Dakota	71	–	9	9	22	23	5	3	–
White	62	–	3	9	21	22	5	2	–
Black	–	–	–	–	–	–	–	–	–
Ohio	1,178	4	205	300	307	221	104	34	3
White	888	1	138	215	238	181	87	26	2
Black	280	3	67	79	66	39	17	8	1
Oklahoma	338	–	70	102	92	56	17	1	–
White	241	–	45	70	68	44	14	–	–
Black	46	–	12	13	15	4	1	1	–
Oregon	260	1	34	66	60	56	29	14	–
White	238	1	31	61	55	52	25	13	–
Black	8	–	1	3	1	1	1	1	–
Pennsylvania	1,562	7	177	381	467	347	154	29	–
White	1,166	3	110	261	366	277	123	26	–
Black	376	4	65	116	93	67	28	3	–
Rhode Island	85	–	8	17	25	20	9	6	–
White	76	–	4	16	23	19	8	6	–
Black	9	–	4	1	2	1	1	–	–
South Carolina	594	6	113	177	143	96	44	14	1
White	261	2	46	73	67	47	21	5	–
Black	327	4	67	101	74	48	23	9	1
South Dakota [2]	67	–	12	16	23	10	4	2	–
White	49	–	9	10	19	7	3	1	–
Black	1	–	1	–	–	–	–	–	–
Tennessee [2]	456	6	100	123	106	80	30	11	–
White	293	1	64	77	69	57	17	8	–
Black	160	5	36	45	35	23	13	3	–
Texas	2,042	14	346	568	530	375	168	38	3
White	1,529	8	233	416	417	288	137	28	2
Black	476	6	110	142	105	79	25	9	–
Utah	183	–	24	56	50	34	16	2	1
White	173	–	22	52	48	32	16	2	1
Black	–	–	–	–	–	–	–	–	–

Table 3-10. Fetal Deaths and Fetal Mortality Rates by Age and Race of Mother for the United States and Each State, and by Sex for the United States: 1990—Con.

(Page 4 of 6)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group]

Area, race of mother,[1] and sex	Total	Age of mother							
		Rate							
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
Massachusetts	5.8	*	7.4	6.0	5.1	5.3	7.4	*	*
White	5.4	*	7.5	5.7	4.6	4.9	7.1	*	*
Black	10.5	*	*	8.1	11.6	11.1	*	*	*
Michigan	5.2	*	5.8	5.5	4.3	5.2	6.7	*	*
White	4.6	*	5.7	4.8	3.7	4.6	5.8	*	*
Black	7.5	*	5.8	7.3	7.8	9.6	12.3	*	*
Minnesota	6.2	*	7.2	6.8	4.8	6.1	8.3	*	*
White	5.7	*	6.0	6.0	4.7	5.9	7.6	*	*
Black	14.1	*	*	*	*	*	*	*	*
Mississippi	11.3	*	12.9	9.9	9.7	12.3	16.7	*	*
White	6.9	*	6.9	6.9	6.8	*	*	*	*
Black	16.1	*	16.6	12.7	14.5	23.3	*	*	*
Missouri	6.7	*	8.0	7.7	5.2	5.7	8.1	*	*
White	5.4	*	7.3	5.9	4.0	4.9	7.8	*	*
Black	13.0	*	9.9	14.6	13.5	12.9	*	*	*
Montana	7.4	*	*	7.4	6.2	*	*	*	*
White	7.0	*	*	*	6.1	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
Nebraska	6.5	*	*	6.6	4.5	7.8	*	*	*
White	6.2	*	*	6.5	4.3	7.5	*	*	*
Black	*	*	*	*	*	*	*	*	*
Nevada	8.1	*	*	7.8	7.7	8.1	*	*	*
White	7.6	*	*	7.1	7.3	8.1	*	*	*
Black	13.5	*	*	*	*	*	*	*	*
New Hampshire	5.8	*	*	7.1	5.7	*	*	*	*
White	5.8	*	*	6.9	5.8	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
New Jersey	8.1	*	9.3	8.7	6.9	6.9	11.9	14.8	*
White	6.2	*	5.0	6.3	4.9	5.9	10.6	*	*
Black	16.0	*	14.7	14.5	17.3	15.0	20.3	*	*
New Mexico [2]	4.7	*	6.4	4.6	3.6	*	*	*	*
White	4.7	*	7.2	4.6	3.4	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
New York	10.3	*	11.4	10.4	8.9	9.8	13.2	17.3	*
White	8.4	*	9.9	8.2	7.0	8.3	11.4	15.7	*
Black	17.4	*	13.8	16.9	17.6	18.0	22.7	22.4	*
North Carolina	8.5	*	10.7	8.6	7.1	7.6	10.8	*	*
White	6.5	*	9.5	6.6	5.4	5.9	8.3	*	*
Black	13.5	*	12.6	12.9	12.8	15.3	19.8	*	*
North Dakota	7.6	*	*	*	6.6	10.6	*	*	*
White	7.4	*	*	*	6.8	10.9	*	*	*
Black	*	*	*	*	*	*	*	*	*
Ohio	7.0	*	9.0	6.6	5.9	6.4	9.4	23.9	*
White	6.3	*	8.5	5.8	5.2	5.9	9.0	21.1	*
Black	10.7	*	10.1	9.2	11.2	11.0	*	*	*
Oklahoma	7.0	*	9.1	6.8	6.5	6.8	*	*	*
White	6.3	*	8.3	6.1	5.8	6.4	*	*	*
Black	8.9	*	*	*	*	*	*	*	*
Oregon	6.0	*	6.6	5.7	4.6	6.2	8.0	*	*
White	5.9	*	6.6	5.7	4.5	6.2	7.3	*	*
Black	*	*	*	*	*	*	*	*	*
Pennsylvania	9.0	*	9.6	9.2	8.3	8.4	11.0	15.1	*
White	8.1	*	8.8	7.9	7.6	7.6	9.9	15.5	*
Black	14.5	*	11.3	14.3	14.3	17.8	21.3	*	*
Rhode Island	5.6	*	*	*	4.9	5.6	*	*	*
White	5.7	*	*	*	5.0	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
South Carolina	10.0	*	11.5	9.8	8.4	9.5	13.2	*	*
White	7.3	*	9.9	7.1	5.8	6.7	9.6	*	*
Black	14.4	*	13.0	13.0	13.7	16.2	20.8	*	*
South Dakota [2]	6.1	*	*	*	6.1	*	*	*	*
White	5.3	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
Tennessee [2]	6.0	*	7.7	5.3	4.9	6.4	7.1	*	*
White	5.1	*	7.4	4.5	4.0	5.7	*	*	*
Black	9.0	*	8.3	7.5	8.7	10.1	*	*	*
Texas	6.4	*	7.1	6.2	5.7	6.2	8.2	12.5	*
White	5.7	*	6.1	5.5	5.2	5.5	7.7	10.6	*
Black	10.9	*	10.7	9.8	10.0	13.5	12.6	*	*
Utah	5.0	*	6.4	5.1	4.4	4.7	*	*	*
White	5.0	*	6.3	5.0	4.4	4.6	*	*	*
Black	*	*	*	*	*	*	*	*	*

Table 3-10. Fetal Deaths and Fetal Mortality Rates by Age and Race of Mother for the United States and Each State, and by Sex for the United States: 1990—Con.

(Page 5 of 6)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group]

Area, race of mother,[1] and sex	Total	Age of mother							
		Number							
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
Vermont	46	-	1	14	13	12	6	-	-
White	41	-	1	11	12	11	6	-	-
Black	3	-	-	1	1	1	-	-	-
Virginia	908	4	151	234	257	169	75	15	3
White	519	1	69	129	157	103	53	6	1
Black	371	3	82	103	96	57	21	7	2
Washington	473	2	69	108	127	103	52	12	-
White	406	1	60	93	102	91	47	12	-
Black	29	1	4	8	9	6	1	-	-
West Virginia	179	-	37	51	52	21	12	6	-
White	161	-	34	43	50	18	11	5	-
Black	18	-	3	8	2	3	1	1	-
Wisconsin	457	1	62	120	126	107	34	6	1
White	348	1	35	80	109	88	31	4	-
Black	89	-	23	33	14	15	2	2	-
Wyoming	49	-	11	11	13	10	4	-	-
White	47	-	11	11	11	10	4	-	-
Black	1	-	-	-	1	-	-	-	-

Table 3-10. Fetal Deaths and Fetal Mortality Rates by Age and Race of Mother for the United States and Each State, and by Sex for the United States: 1990—Con.

(Page 6 of 6)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group]

Area, race of mother,[1] and sex	Total	Age of mother							
		Rate							
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
Vermont	5.5	*	*	*	*	*	*	*	*
White	5.0	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
Virginia	9.1	*	13.1	9.0	8.3	7.7	9.2	*	*
White	7.1	*	10.5	7.4	6.6	5.9	8.1	*	*
Black	15.3	*	17.1	13.0	14.9	16.1	18.0	*	*
Washington	5.9	*	8.2	5.3	5.1	5.8	7.7	*	*
White	5.7	*	8.2	5.1	4.5	5.7	7.8	*	*
Black	9.9	*	*	*	*	*	*	*	*
West Virginia	7.9	*	9.2	6.9	8.2	5.8	*	*	*
White	7.4	*	8.9	6.1	8.2	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
Wisconsin	6.2	*	8.4	6.8	5.0	6.4	6.3	*	*
White	5.5	*	7.2	5.5	4.7	5.6	6.2	*	*
Black	12.3	*	10.8	13.5	*	*	*	*	*
Wyoming	7.0	*	*	*	*	*	*	*	*
White	7.1	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*

[1] Totals for geographic areas include races other than white and black.
[2] Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

Table 3-11. Fetal Deaths by Place of Delivery, Gestation Group, and Race of Mother: United States and Each State, 1990

(Page 1 of 3)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more. Group IV includes fetal deaths with period of gestation not stated, but presumed to be 20 weeks or more. For definition of Groups II, III, and IV, see Technical Appendix]

Area and race of mother [1]	All fetal deaths in Groups II, III, and IV			Group II - fetal deaths of 20-27 weeks gestation [2]			Group III - fetal deaths of 28 weeks gestation or more [2]		
	Total [3]	In hospital	Not in hospital	Total [3]	In hospital	Not in hospital	Total [3]	In hospital	Not in hospital
United States	31,386	30,907	451	12,554	12,359	191	16,791	16,600	179
White	21,081	20,804	260	7,900	7,793	104	11,862	11,744	110
Black	9,201	9,010	180	4,249	4,165	83	4,314	4,246	64
Alabama	673	664	9	315	311	4	351	346	5
White	332	331	1	143	143	-	187	186	1
Black	334	326	8	169	165	4	160	156	4
Alaska	60	59	1	20	19	1	38	38	-
White	39	38	1	9	8	1	28	28	-
Black	2	2	-	2	2	-	-	-	-
Arizona	405	398	7	153	153	-	241	237	4
White	323	318	5	125	125	-	188	186	2
Black	38	37	1	13	13	-	24	23	1
Arkansas	272	267	4	103	102	1	166	163	3
White	175	172	3	63	63	-	111	108	3
Black	94	92	1	39	38	1	53	53	-
California	4,018	3,963	55	1,238	1,220	18	2,295	2,276	19
White	3,111	3,072	39	916	902	14	1,849	1,834	15
Black	578	564	14	213	210	3	264	260	4
Colorado	350	343	7	124	121	3	222	218	4
White	316	310	6	112	110	2	200	196	4
Black	26	25	1	10	9	1	16	16	-
Connecticut	356	352	3	101	101	-	98	96	1
White	273	269	3	75	75	-	75	73	1
Black	79	79	-	26	26	-	22	22	-
Delaware	76	76	-	24	24	-	49	49	-
White	50	50	-	16	16	-	32	32	-
Black	26	26	-	8	8	-	17	17	-
District of Columbia	155	152	2	49	49	-	70	70	-
White	10	10	-	4	4	-	4	4	-
Black	145	142	2	45	45	-	66	66	-
Florida	1,628	1,594	34	638	619	19	896	885	11
White	961	947	14	371	363	8	541	536	5
Black	644	625	19	257	247	10	342	336	6
Georgia	1,364	1,355	9	754	746	8	602	602	-
White	599	594	5	309	304	5	286	286	-
Black	753	749	4	438	435	3	311	311	-
Hawaii	143	142	-	73	73	-	69	68	-
White	44	43	-	19	19	-	25	24	-
Black	10	10	-	10	10	-	-	-	-
Idaho	113	109	4	38	37	1	75	72	3
White	109	105	4	37	36	1	72	69	3
Black	-	-	-	-	-	-	-	-	-
Illinois	1,501	1,474	25	588	578	10	859	848	10
White	906	890	14	338	333	5	536	530	5
Black	566	555	11	244	239	5	300	295	5
Indiana	611	603	8	205	203	2	371	367	4
White	501	495	6	161	160	1	319	315	4
Black	107	105	2	44	43	1	49	49	-
Iowa	267	265	2	96	95	1	165	164	1
White	246	245	1	88	87	1	152	152	-
Black	18	18	-	8	8	-	10	10	-
Kansas	216	212	4	77	74	3	133	133	-
White	180	177	3	60	58	2	115	115	-
Black	30	29	1	14	13	1	15	15	-
Kentucky	425	419	6	172	170	2	251	248	3
White	361	356	5	141	139	2	218	216	2
Black	62	61	1	31	31	-	31	30	1
Louisiana	606	597	9	200	197	3	330	327	3
White	286	283	3	91	90	1	166	166	-
Black	313	307	6	107	105	2	159	156	3
Maine	92	90	-	33	31	-	41	41	-
White	90	88	-	33	31	-	39	39	-
Black	1	1	-	-	-	-	1	1	-
Maryland	653	637	10	173	172	1	217	216	1
White	318	310	5	75	74	1	107	107	-
Black	322	314	5	95	95	-	104	103	1
Massachusetts	544	536	7	223	219	4	319	315	3
White	438	434	3	179	177	2	258	256	1
Black	96	92	4	40	38	2	55	53	2
Michigan	808	782	24	338	326	12	463	449	12
White	554	546	7	215	212	3	335	330	4
Black	243	225	17	120	111	9	120	111	8

Table 3-11. Fetal Deaths by Place of Delivery, Gestation Group, and Race of Mother: United States and Each State, 1990—Con.

(Page 2 of 3)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more. Group IV includes fetal deaths with period of gestation not stated, but presumed to be 20 weeks or more. For definition of Groups II, III, and IV, see Technical Appendix]

Area and race of mother [1]	All fetal deaths in Groups II, III, and IV			Group II - fetal deaths of 20-27 weeks gestation [2]			Group III - fetal deaths of 28 weeks gestation or more [2]		
	Total [3]	In hospital	Not in hospital	Total [3]	In hospital	Not in hospital	Total [3]	In hospital	Not in hospital
Minnesota	425	420	5	129	128	1	237	235	2
White	358	354	4	101	100	1	202	200	2
Black	37	36	1	15	15	–	20	20	–
Mississippi	500	494	5	229	226	2	267	264	3
White	155	151	3	50	47	2	104	103	1
Black	340	338	2	175	175	–	162	160	2
Missouri	536	523	13	203	197	6	324	318	6
White	354	349	5	112	111	1	234	231	3
Black	179	171	8	91	86	5	87	84	3
Montana	86	81	5	31	27	4	53	52	1
White	71	66	5	26	22	4	43	42	1
Black	1	1	–	–	–	–	1	1	–
Nebraska	159	157	2	61	59	2	94	94	–
White	139	138	1	55	54	1	81	81	–
Black	16	15	1	4	3	1	11	11	–
Nevada	176	169	4	70	68	2	103	99	1
White	142	136	4	61	59	2	78	75	1
Black	26	25	–	6	6	–	20	19	–
New Hampshire	103	102	1	34	34	–	67	66	1
White	100	99	1	33	33	–	65	64	1
Black	2	2	–	1	1	–	1	1	–
New Jersey	1,001	986	15	409	403	6	471	469	2
White	591	590	1	241	241	–	295	294	1
Black	376	362	14	153	147	6	159	158	1
New Mexico [4]	130	128	2	44	44	–	82	81	1
White	107	106	1	36	36	–	68	67	1
Black	3	2	1	–	–	–	2	2	–
New York	3,090	3,055	35	1,555	1,532	23	1,431	1,421	10
White	1,877	1,858	19	904	892	12	902	897	5
Black	1,119	1,104	15	606	596	10	481	476	5
North Carolina	896	888	8	384	380	4	499	495	4
White	467	466	1	179	179	–	281	280	1
Black	421	414	7	199	195	4	216	213	3
North Dakota	71	70	1	31	31	–	37	36	1
White	62	61	1	26	26	–	33	32	1
Black	–	–	–	–	–	–	–	–	–
Ohio	1,178	1,162	16	464	458	6	700	690	10
White	888	876	12	330	326	4	549	541	8
Black	280	278	2	131	129	2	144	144	–
Oklahoma	338	333	5	62	62	–	116	115	1
White	241	238	3	45	45	–	92	92	–
Black	46	45	1	10	10	–	7	7	–
Oregon	260	256	4	113	112	1	145	143	2
White	238	234	4	103	102	1	133	131	2
Black	8	8	–	3	3	–	5	5	–
Pennsylvania	1,562	1,549	13	772	768	4	690	684	6
White	1,166	1,155	11	540	536	4	544	539	5
Black	376	374	2	220	220	–	138	137	1
Rhode Island	85	84	1	45	45	–	39	38	1
White	76	76	–	41	41	–	34	34	–
Black	9	8	1	4	4	–	5	4	1
South Carolina	594	573	21	276	264	12	312	306	6
White	261	249	12	110	102	8	148	146	2
Black	327	318	9	163	159	4	161	157	4
South Dakota [4]	67	67	–	13	13	–	53	53	–
White	49	49	–	7	7	–	42	42	–
Black	1	1	–	1	1	–	–	–	–
Tennessee [4]	456	453	1	108	107	1	339	338	–
White	293	293	–	59	59	–	229	229	–
Black	160	157	1	49	48	1	107	106	–
Texas	2,042	2,006	32	750	735	15	1,199	1,182	15
White	1,529	1,505	21	543	535	8	923	911	11
Black	476	464	11	196	189	7	252	247	4
Utah	183	179	4	78	77	1	102	100	2
White	173	170	3	75	74	1	96	94	2
Black	–	–	–	–	–	–	–	–	–
Vermont	46	45	1	21	21	–	25	24	1
White	41	40	1	17	17	–	24	23	1
Black	3	3	–	2	2	–	1	1	–
Virginia	908	900	8	487	486	1	410	403	7
White	519	515	4	258	257	1	255	252	3
Black	371	367	4	223	223	–	144	140	4

Table 3-11. Fetal Deaths by Place of Delivery, Gestation Group, and Race of Mother: United States and Each State, 1990—Con.

(Page 3 of 3)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more. Group IV includes fetal deaths with period of gestation not stated, but presumed to be 20 weeks or more. For definition of Groups II, III, and IV, see Technical Appendix]

Area and race of mother [1]	All fetal deaths in Groups II, III, and IV			Group II - fetal deaths of 20-27 weeks gestation [2]			Group III - fetal deaths of 28 weeks gestation or more [2]		
	Total [3]	In hospital	Not in hospital	Total [3]	In hospital	Not in hospital	Total [3]	In hospital	Not in hospital
Washington	473	460	13	181	177	4	263	257	6
White	406	395	11	156	152	4	224	219	5
Black	29	27	2	12	12	-	15	14	1
West Virginia	179	178	1	74	74	-	103	102	1
White	161	160	1	67	67	-	92	91	1
Black	18	18	-	7	7	-	11	11	-
Wisconsin	457	451	5	176	172	3	279	277	2
White	348	345	3	127	126	1	219	217	2
Black	89	87	1	44	42	1	45	45	-
Wyoming	49	49	-	19	19	-	30	30	-
White	47	47	-	18	18	-	29	29	-
Black	1	1	-	1	1	-	-	-	-

[1] Totals for geographic areas include races other than white and black.
[2] Period of gestation reported in months allocated to gestation intervals in weeks as shown in the Technical Appendix.
[3] Includes place of delivery not stated.
[4] Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

Table 3-12. Fetal Deaths by Birth Weight, Plurality of Birth, Race of Mother, and Sex: Total of 49 States and the District of Columbia, 1990

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix.
For a list of States reporting plurality, see Technical Appendix]

Plurality of birth, race of mother, and sex	Total	Birth weight [1]												
		Under 350 grams	350-499 grams	500-999 grams	1,000-1,499 grams	1,500-1,999 grams	2,000-2,499 grams	2,500-2,999 grams	3,000-3,499 grams	3,500-3,999 grams	4,000-4,499 grams	4,500-4,999 grams	5,000 grams or more	Not stated
All races [2]	30,780	3,183	3,590	6,286	2,929	2,526	2,429	2,368	2,153	1,145	398	131	91	3,551
Fetal deaths in single deliveries	28,466	2,687	3,199	5,778	2,690	2,320	2,303	2,296	2,130	1,142	394	131	89	3,307
Fetal deaths in twin deliveries	2,197	458	376	480	228	200	120	70	23	3	4	-	2	233
Fetal deaths in other plural deliveries	117	38	15	28	11	6	6	2	-	-	-	-	-	11
Male	16,536	1,777	1,939	3,417	1,523	1,381	1,326	1,218	1,099	604	231	85	56	1,880
Fetal deaths in single deliveries	15,290	1,509	1,721	3,155	1,399	1,270	1,255	1,177	1,082	603	229	85	54	1,751
Fetal deaths in twin deliveries	1,193	247	212	253	120	110	66	40	17	1	2	-	2	123
Fetal deaths in other plural deliveries	53	21	6	9	4	1	5	1	-	-	-	-	-	6
Female	14,244	1,406	1,651	2,869	1,406	1,145	1,103	1,150	1,054	541	167	46	35	1,671
Fetal deaths in single deliveries	13,176	1,178	1,478	2,623	1,291	1,050	1,048	1,119	1,048	539	165	46	35	1,556
Fetal deaths in twin deliveries	1,004	211	164	227	108	90	54	30	6	2	2	-	-	110
Fetal deaths in other plural deliveries	64	17	9	19	7	5	1	1	-	-	-	-	-	5
White	20,795	2,103	2,214	4,037	1,973	1,701	1,647	1,714	1,693	908	324	89	67	2,325
Fetal deaths in single deliveries	19,127	1,763	1,943	3,653	1,783	1,548	1,552	1,669	1,674	906	322	89	67	2,158
Fetal deaths in twin deliveries	1,577	312	263	360	180	147	89	43	19	2	2	-	-	160
Fetal deaths in other plural deliveries	91	28	8	24	10	6	6	2	-	-	-	-	-	7
Male	11,079	1,147	1,183	2,172	1,023	936	913	872	866	470	183	60	41	1,213
Fetal deaths in single deliveries	10,195	971	1,030	1,970	932	857	859	849	852	469	182	60	41	1,123
Fetal deaths in twin deliveries	842	161	150	193	88	78	49	22	14	1	1	-	-	85
Fetal deaths in other plural deliveries	42	15	3	9	3	1	5	1	-	-	-	-	-	5
Female	9,716	956	1,031	1,865	950	765	734	842	827	438	141	29	26	1,112
Fetal deaths in single deliveries	8,932	792	913	1,683	851	691	693	820	822	437	140	29	26	1,035
Fetal deaths in twin deliveries	735	151	113	167	92	69	40	21	5	1	1	-	-	75
Fetal deaths in other plural deliveries	49	13	5	15	7	5	1	1	-	-	-	-	-	2
Black	8,888	981	1,259	2,020	863	741	687	562	367	184	61	37	20	1,106
Fetal deaths in single deliveries	8,336	844	1,150	1,912	822	700	665	544	364	184	59	37	18	1,037
Fetal deaths in twin deliveries	526	127	102	104	40	41	22	18	3	-	2	-	2	65
Fetal deaths in other plural deliveries	26	10	7	4	1	-	-	-	-	-	-	-	-	4
Male	4,856	576	694	1,108	450	405	355	294	193	103	39	21	13	605
Fetal deaths in single deliveries	4,553	496	636	1,059	420	380	345	283	190	103	38	21	11	571
Fetal deaths in twin deliveries	292	74	55	49	29	25	10	11	3	-	1	-	2	33
Fetal deaths in other plural deliveries	11	6	3	-	1	-	-	-	-	-	-	-	-	1
Female	4,032	405	565	912	413	336	332	268	174	81	22	16	7	501
Fetal deaths in single deliveries	3,783	348	514	853	402	320	320	261	174	81	21	16	7	466
Fetal deaths in twin deliveries	234	53	47	55	11	16	12	7	-	-	1	-	-	32
Fetal deaths in other plural deliveries	15	4	4	4	-	-	-	-	-	-	-	-	-	3

[1] Equivalents of the gram weights in terms of pounds and ounces are shown in the Technical Appendix.
[2] Includes races other than white and black.

Table 3-13. Fetal Deaths and Fetal Mortality Rates by Plurality of Birth, Race of Mother, Sex, and Fetal Deaths by Period of Gestation: Total of 49 States and the District of Columbia, 1990

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. For a list of States reporting plurality, see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group]

Plurality of birth, race of mother, and sex	Fetal Deaths											Fetal mortality rates
	Total	Period of gestation [1]										
		20-23 weeks	24-27 weeks	28-31 weeks	32-35 weeks	36 weeks	37-39 weeks	40 weeks	41 weeks	42 weeks or more	Not stated	
All races [2]	30,780	7,684	4,670	3,704	4,287	1,226	4,144	1,300	857	943	1,965	7.5
Fetal deaths in single deliveries	28,466	6,914	4,259	3,433	3,946	1,129	3,912	1,259	829	920	1,865	7.1
Fetal deaths in twin deliveries	2,197	722	401	253	313	93	228	39	28	23	97	23.3
Fetal deaths in other plural deliveries	117	48	10	18	28	4	4	2	-	-	3	37.7
Male	16,536	4,330	2,453	1,989	2,333	658	2,142	651	420	462	1,098	7.8
Fetal deaths in single deliveries	15,290	3,908	2,227	1,844	2,168	604	2,012	629	405	451	1,042	7.4
Fetal deaths in twin deliveries	1,193	398	222	139	153	52	128	21	15	11	54	25.0
Fetal deaths in other plural deliveries	53	24	4	6	12	2	2	1	-	-	2	33.8
Female	14,244	3,354	2,217	1,715	1,954	568	2,002	649	437	481	867	7.1
Fetal deaths in single deliveries	13,176	3,006	2,032	1,589	1,778	525	1,900	630	424	469	823	6.7
Fetal deaths in twin deliveries	1,004	324	179	114	160	41	100	18	13	12	43	21.5
Fetal deaths in other plural deliveries	64	24	6	12	16	2	2	1	-	-	1	41.6
White	20,795	4,786	3,023	2,400	2,931	896	3,084	1,010	657	718	1,290	6.4
Fetal deaths in single deliveries	19,127	4,250	2,717	2,193	2,680	820	2,912	980	640	706	1,229	6.0
Fetal deaths in twin deliveries	1,577	500	300	196	224	72	168	29	17	12	59	21.5
Fetal deaths in other plural deliveries	91	36	6	11	27	4	4	1	-	-	2	33.7
Male	11,079	2,654	1,583	1,304	1,610	477	1,581	505	310	349	706	6.6
Fetal deaths in single deliveries	10,195	2,368	1,405	1,191	1,493	436	1,488	490	302	345	677	6.2
Fetal deaths in twin deliveries	842	268	176	107	106	39	91	15	8	4	28	22.7
Fetal deaths in other plural deliveries	42	18	2	6	11	2	2	-	-	-	1	30.3
Female	9,716	2,132	1,440	1,096	1,321	419	1,503	505	347	369	584	6.1
Fetal deaths in single deliveries	8,932	1,882	1,312	1,002	1,187	384	1,424	490	338	361	552	5.7
Fetal deaths in twin deliveries	735	232	124	89	118	33	77	14	9	8	31	20.3
Fetal deaths in other plural deliveries	49	18	4	5	16	2	2	1	-	-	1	37.4
Black	8,888	2,660	1,482	1,174	1,198	279	910	232	159	203	591	13.4
Fetal deaths in single deliveries	8,336	2,451	1,387	1,123	1,125	264	861	225	149	192	559	12.9
Fetal deaths in twin deliveries	526	197	91	44	72	15	49	6	10	11	31	29.2
Fetal deaths in other plural deliveries	26	12	4	7	1	-	-	1	-	-	1	76.9
Male	4,856	1,531	787	619	641	146	475	126	87	100	344	14.4
Fetal deaths in single deliveries	4,553	1,414	744	592	603	137	445	121	80	93	324	13.9
Fetal deaths in twin deliveries	292	111	41	27	37	9	30	4	7	7	19	32.1
Fetal deaths in other plural deliveries	11	6	2	-	1	-	-	1	-	-	1	*
Female	4,032	1,129	695	555	557	133	435	106	72	103	247	12.3
Fetal deaths in single deliveries	3,783	1,037	643	531	522	127	416	104	69	99	235	11.9
Fetal deaths in twin deliveries	234	86	50	17	35	6	19	2	3	4	12	26.3
Fetal deaths in other plural deliveries	15	6	2	7	-	-	-	-	-	-	-	*

[1] Period of gestation reported in months allocated to gestation intervals in weeks as shown in the Technical Appendix.
[2] Includes races other than white and black.

Table 3-14. Fetal Deaths by Birth Weight and Race of Mother for the United States and Each State, and by Sex for the United States: 1990

(Page 1 of 3)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Area, race of mother,[1] and sex	Total	Birth weight [2]												
		Under 350 grams	350-499 grams	500-999 grams	1,000-1,499 grams	1,500-1,999 grams	2,000-2,499 grams	2,500-2,999 grams	3,000-3,499 grams	3,500-3,999 grams	4,000-4,499 grams	4,500-4,999 grams	5,000 grams or more	Not stated
United States	31,386	3,217	3,674	6,450	3,017	2,587	2,478	2,410	2,191	1,168	403	133	91	3,567
White	21,081	2,127	2,249	4,104	2,003	1,733	1,672	1,737	1,718	922	327	90	67	2,332
Black	9,201	991	1,307	2,116	921	768	710	580	379	193	63	38	20	1,115
Male	16,873	1,791	1,984	3,510	1,576	1,424	1,351	1,240	1,117	618	233	87	56	1,886
White	11,228	1,157	1,203	2,208	1,041	960	922	882	877	476	184	61	41	1,216
Black	5,041	580	719	1,164	485	423	371	305	200	111	40	22	13	608
Female	14,513	1,426	1,690	2,940	1,441	1,163	1,127	1,170	1,074	550	170	46	35	1,681
White	9,853	970	1,046	1,896	962	773	750	855	841	446	143	29	26	1,116
Black	4,160	411	588	952	436	345	339	275	179	82	23	16	7	507
Alabama	673	90	99	141	76	45	53	43	37	23	6	2	2	56
White	332	39	45	72	33	26	20	32	22	15	5	–	1	22
Black	334	51	53	69	41	17	33	11	14	8	1	2	1	33
Alaska	60	5	4	12	4	3	4	5	9	6	1	–	–	7
White	39	2	3	8	1	3	1	5	7	4	–	–	–	5
Black	2	1	1	–	–	–	–	–	–	–	–	–	–	–
Arizona	405	42	56	75	38	34	35	32	39	17	7	3	1	26
White	323	33	47	58	34	28	27	26	28	14	3	1	1	23
Black	38	3	6	10	1	4	6	1	5	2	–	–	–	–
Arkansas	272	27	26	66	17	30	28	22	22	11	3	1	1	18
White	175	16	18	40	10	17	12	17	18	10	2	1	1	13
Black	94	11	8	24	7	13	16	5	4	1	1	–	–	4
California	4,018	261	482	986	456	385	366	349	342	200	65	29	22	75
White	3,111	200	324	747	353	300	288	281	285	169	60	24	19	61
Black	578	41	107	164	69	52	47	41	26	14	4	5	1	7
Colorado	350	31	42	48	32	32	34	34	27	17	6	1	–	46
White	316	30	38	39	30	31	31	31	24	14	6	1	–	41
Black	26	1	4	7	1	1	1	3	2	2	–	–	–	4
Connecticut	356	54	52	84	28	21	26	27	19	6	4	1	1	33
White	273	45	40	59	20	13	19	24	17	5	3	1	1	26
Black	79	8	12	24	8	8	6	3	1	1	1	–	–	7
Delaware	76	4	6	18	15	5	6	4	7	4	1	–	–	6
White	50	2	5	10	11	2	4	3	4	3	1	–	–	5
Black	26	2	1	8	4	3	2	1	3	1	–	–	–	1
District of Columbia	155	8	14	38	18	9	13	11	4	4	1	1	2	32
White	10	1	2	2	–	–	1	1	1	1	–	–	–	1
Black	145	7	12	36	18	9	12	10	3	3	1	1	2	31
Florida	1,628	141	209	343	152	158	152	113	106	61	19	4	3	167
White	961	98	100	198	94	86	92	65	72	39	16	2	1	98
Black	644	43	105	139	56	69	59	47	32	22	3	2	2	65
Georgia	1,364	219	177	243	108	94	71	88	66	34	19	1	1	243
White	599	103	58	101	47	38	34	45	36	24	9	1	–	103
Black	753	116	119	140	59	56	37	41	29	10	10	–	1	135
Hawaii	143	22	18	17	6	6	10	11	9	4	–	1	1	38
White	44	4	4	6	3	1	3	3	5	1	–	1	–	13
Black	10	3	–	–	–	–	–	–	–	–	–	–	–	7
Idaho	113	11	12	23	10	4	8	15	9	15	2	1	–	3
White	109	11	12	22	10	4	7	14	9	15	2	–	–	3
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Illinois	1,501	157	154	336	150	118	134	133	104	56	24	12	6	117
White	906	100	95	177	84	71	82	79	83	37	20	7	5	66
Black	566	54	57	153	66	45	46	51	19	14	4	5	1	51
Indiana	611	44	61	110	66	48	58	56	43	18	9	4	–	94
White	501	35	49	92	50	37	50	46	40	17	9	3	–	73
Black	107	9	12	18	16	9	8	10	3	1	–	1	–	20
Iowa	267	30	32	57	26	20	19	25	27	15	3	2	2	9
White	246	30	29	51	22	18	17	23	26	14	3	2	2	9
Black	18	–	3	6	3	2	–	2	1	1	–	–	–	–
Kansas	216	4	42	59	25	18	14	22	15	10	2	1	2	2
White	180	1	33	47	20	15	13	22	14	10	2	1	–	2
Black	30	1	9	9	5	2	1	–	1	–	–	–	2	–
Kentucky	425	53	56	93	51	36	41	30	35	14	3	1	2	10
White	361	43	46	71	42	31	36	28	34	14	3	1	2	10
Black	62	10	10	21	9	4	5	2	1	–	–	–	–	–
Louisiana	606	34	84	164	88	61	49	42	38	23	5	2	–	16
White	286	24	35	67	30	32	25	23	25	14	3	1	–	7
Black	313	10	48	96	58	27	23	18	12	9	2	1	–	9
Maine	92	7	6	12	13	3	1	11	3	3	–	–	–	33
White	90	7	6	12	13	3	1	10	2	3	–	–	–	33
Black	1	–	–	–	–	–	–	–	1	–	–	–	–	–
Maryland	653	50	70	117	50	40	50	34	28	19	3	2	1	189
White	318	33	37	50	20	22	21	17	16	10	–	–	1	91
Black	322	16	33	64	29	18	28	14	12	8	3	1	–	96

Table 3-14. Fetal Deaths by Birth Weight and Race of Mother for the United States and Each State, and by Sex for the United States: 1990—Con.

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[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Area, race of mother,[1] and sex	Total	Birth weight [2]												
		Under 350 grams	350-499 grams	500-999 grams	1,000-1,499 grams	1,500-1,999 grams	2,000-2,499 grams	2,500-2,999 grams	3,000-3,499 grams	3,500-3,999 grams	4,000-4,499 grams	4,500-4,999 grams	5,000 grams or more	Not stated
Massachusetts	544	70	72	117	49	53	41	59	44	22	7	2	1	7
White	438	60	56	93	41	40	33	48	35	17	7	2	1	5
Black	96	10	13	23	8	11	8	10	7	4	-	-	-	2
Michigan	808	107	103	183	97	68	77	52	54	28	12	-	-	27
White	554	70	59	125	69	46	51	39	40	23	11	-	-	21
Black	243	37	44	54	27	21	25	11	14	4	-	-	-	6
Minnesota	425	38	41	51	25	25	27	28	37	25	8	2	-	118
White	358	31	33	39	23	20	19	25	35	22	6	2	-	103
Black	37	3	5	8	-	4	5	3	-	1	-	-	-	8
Mississippi	500	52	83	113	56	44	50	36	24	14	7	1	2	18
White	155	11	28	24	16	15	21	16	10	6	3	1	1	3
Black	340	39	54	88	40	29	29	20	14	8	4	-	1	14
Missouri	536	59	62	120	49	56	53	43	42	16	8	1	1	26
White	354	36	37	68	31	43	35	31	33	10	8	1	1	20
Black	179	22	24	52	18	12	18	12	9	6	-	-	-	6
Montana	86	10	8	10	6	7	10	10	8	7	1	-	1	8
White	71	9	7	6	5	7	6	9	7	5	1	-	1	8
Black	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Nebraska	159	25	15	29	17	11	14	11	17	8	3	-	1	8
White	139	22	14	24	15	7	14	11	15	7	3	-	1	6
Black	16	2	1	5	1	4	-	-	2	-	-	-	-	1
Nevada	176	6	22	28	10	6	11	18	12	5	3	-	-	55
White	142	5	18	26	7	3	9	15	6	4	3	-	-	46
Black	26	-	4	1	3	2	2	1	4	1	-	-	-	8
New Hampshire	103	8	15	22	11	14	7	9	9	5	1	-	-	2
White	100	8	15	21	11	12	7	9	9	5	1	-	-	2
Black	2	-	-	1	-	1	-	-	-	-	-	-	-	-
New Jersey	1,001	79	105	181	79	70	54	63	53	28	10	2	2	275
White	591	46	57	100	50	42	32	40	36	17	5	-	1	165
Black	376	29	43	78	26	26	22	17	12	11	5	2	1	104
New Mexico [3]	130	1	1	46	12	13	15	13	13	1	5	2	-	8
White	107	1	1	39	9	13	13	12	10	-	4	1	-	4
Black	3	-	-	-	1	-	1	-	-	-	1	-	-	-
New York	3,090	356	300	606	237	230	201	198	177	82	23	14	7	659
White	1,877	210	156	328	138	133	108	126	136	65	14	10	6	447
Black	1,119	137	139	251	95	88	88	66	37	13	8	4	1	192
North Carolina	896	105	107	202	80	81	59	74	77	28	12	2	1	68
White	467	49	46	97	46	44	29	44	50	19	9	1	-	33
Black	421	56	60	102	34	37	30	29	27	9	3	1	1	32
North Dakota	71	9	12	11	11	1	5	8	3	3	1	-	-	7
White	62	6	10	11	10	1	5	7	2	3	-	-	-	7
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	1,178	123	160	213	104	117	90	107	96	48	17	3	5	95
White	888	91	111	151	78	87	67	81	80	42	15	2	4	79
Black	280	32	48	58	26	29	22	25	15	5	2	1	1	16
Oklahoma	338	32	16	70	33	26	30	20	16	18	4	-	-	73
White	241	21	12	48	27	18	23	16	12	13	4	-	-	47
Black	46	8	3	11	1	4	2	1	1	-	-	-	-	15
Oregon	260	26	26	62	25	24	28	8	26	16	5	3	-	11
White	238	23	24	56	24	23	23	8	25	16	4	3	-	9
Black	8	-	1	3	-	-	3	-	-	-	-	-	-	1
Pennsylvania	1,562	292	183	249	117	92	104	98	98	48	9	6	4	262
White	1,166	204	128	176	86	68	76	75	86	44	8	5	4	206
Black	376	81	53	72	28	22	26	23	11	4	1	1	-	54
Rhode Island	85	10	10	10	12	5	5	5	6	3	-	-	-	19
White	76	10	9	9	11	2	4	5	6	3	-	-	-	17
Black	9	-	1	1	1	3	1	-	-	-	-	-	-	2
South Carolina	594	67	115	133	52	54	38	39	36	26	8	2	1	23
White	261	25	45	53	20	27	20	19	23	15	4	1	1	8
Black	327	41	69	79	32	27	18	19	13	10	3	1	-	15
South Dakota [3]	67	2	3	13	7	9	6	12	7	5	1	1	-	1
White	49	2	1	8	5	7	6	8	7	3	1	1	-	-
Black	1	-	-	1	-	-	-	-	-	-	-	-	-	-
Tennessee [3]	456	4	15	102	73	77	59	51	30	17	6	3	2	17
White	293	2	9	60	41	53	42	32	25	13	6	-	2	8
Black	160	2	6	42	32	24	15	19	5	4	-	3	-	8
Texas	2,042	156	210	446	227	167	168	173	153	90	31	11	6	204
White	1,529	116	155	313	164	119	123	135	123	80	29	9	5	158
Black	476	38	53	121	58	48	43	33	24	10	2	2	1	43
Utah	183	26	19	39	18	9	16	11	15	11	3	-	1	15
White	173	26	19	37	17	9	15	10	14	11	3	-	1	11
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3-14. Fetal Deaths by Birth Weight and Race of Mother for the United States and Each State, and by Sex for the United States: 1990—Con.

(Page 3 of 3)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Area, race of mother,[1] and sex	Total	Birth weight [2]												
		Under 350 grams	350-499 grams	500-999 grams	1,000-1,499 grams	1,500-1,999 grams	2,000-2,499 grams	2,500-2,999 grams	3,000-3,499 grams	3,500-3,999 grams	4,000-4,499 grams	4,500-4,999 grams	5,000 grams or more	Not stated
Vermont	46	5	7	7	4	3	3	7	3	-	1	-	1	5
White	41	5	5	6	3	3	3	7	3	-	1	-	1	4
Black	3	-	1	1	1	-	-	-	-	-	-	-	-	-
Virginia	908	135	114	126	50	57	44	62	45	14	12	4	1	244
White	519	86	49	74	26	27	31	39	33	10	11	1	-	132
Black	371	46	64	48	24	28	12	22	10	4	1	3	1	108
Washington	473	40	65	85	47	38	34	36	40	16	12	-	3	57
White	406	35	57	74	40	34	23	32	34	14	11	-	1	51
Black	29	3	3	5	4	2	4	2	1	1	1	-	1	2
West Virginia	179	19	24	29	22	14	10	19	11	6	3	1	1	20
White	161	19	19	27	20	12	8	16	11	6	3	1	-	19
Black	18	-	5	2	2	2	2	3	-	-	-	-	1	1
Wisconsin	457	54	52	94	52	43	44	31	45	16	6	4	3	13
White	348	35	36	71	38	37	39	25	39	14	4	2	2	6
Black	89	17	13	21	9	5	4	4	3	1	2	2	1	7
Wyoming	49	7	7	11	6	3	3	2	5	2	1	-	-	2
White	47	6	7	11	5	3	3	2	5	2	1	-	-	2
Black	1	1	-	-	-	-	-	-	-	-	-	-	-	-

[1] Totals for geographic areas include races other than white and black.
[2] Equivalents of the gram weights in terms of pounds and ounces are shown in the Technical Appendix.
[3] Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

Table 3-15. Fetal Deaths by Period of Gestation and Race of Mother for the United States and Each State; and by Sex for the United States: 1990

(Page 1 of 3)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Area, race of mother,[1] and sex	Total	Period of gestation [2]									
		20-23 weeks	24-27 weeks	28-31 weeks	32-35 weeks	36 weeks	37-39 weeks	40 weeks	41 weeks	42 weeks or more	Not stated
United States	31,386	7,784	4,770	3,791	4,367	1,240	4,241	1,318	876	958	2,041
White	21,081	4,836	3,064	2,432	2,967	905	3,141	1,023	671	723	1,319
Black	9,201	2,709	1,540	1,229	1,239	284	948	237	164	213	638
Male	16,873	4,389	2,504	2,041	2,383	665	2,189	658	430	469	1,145
White	11,228	2,687	1,600	1,322	1,628	480	1,607	510	315	352	727
Black	5,041	1,557	820	653	672	150	495	128	92	104	370
Female	14,513	3,395	2,266	1,750	1,984	575	2,052	660	446	489	896
White	9,853	2,149	1,464	1,110	1,339	425	1,534	513	356	371	592
Black	4,160	1,152	720	576	567	134	453	109	72	109	268
Alabama	673	200	115	80	101	21	94	22	17	16	7
White	332	91	52	41	54	11	46	18	9	8	2
Black	334	107	62	38	45	10	48	4	7	8	5
Alaska	60	12	8	7	8	3	12	2	2	4	2
White	39	7	2	5	5	3	11	1	1	2	2
Black	2	1	1	-	-	-	-	-	-	-	-
Arizona	405	104	49	56	53	22	63	22	5	20	11
White	323	89	36	41	44	18	52	15	3	15	10
Black	38	7	6	8	2	2	9	1	-	2	1
Arkansas	272	58	45	35	48	12	37	14	9	11	3
White	175	36	27	23	26	8	26	11	6	11	1
Black	94	22	17	11	21	4	11	3	3	-	2
California	4,018	671	567	489	562	198	594	187	114	151	485
White	3,111	490	426	376	436	157	495	160	97	128	346
Black	578	121	92	70	80	20	57	13	9	15	101
Colorado	350	87	37	37	75	18	60	12	10	10	4
White	316	78	34	34	66	17	55	11	8	9	4
Black	26	8	2	2	7	1	3	-	2	1	-
Connecticut	356	62	39	26	27	9	24	6	2	4	157
White	273	45	30	18	17	5	23	6	2	4	123
Black	79	17	9	8	9	4	1	-	-	-	31
Delaware	76	11	13	13	14	3	12	2	1	4	3
White	50	7	9	9	9	3	8	1	1	1	2
Black	26	4	4	4	5	-	4	1	-	3	1
District of Columbia	155	23	26	17	25	5	12	5	3	3	36
White	10	3	1	-	1	-	2	-	1	-	2
Black	145	20	25	17	24	5	10	5	2	3	34
Florida	1,628	395	243	208	249	72	208	57	47	55	94
White	961	228	143	111	135	48	136	44	29	38	49
Black	644	162	95	92	110	24	71	12	16	17	45
Georgia	1,364	521	233	171	146	53	134	33	23	42	8
White	599	212	97	71	60	26	68	24	14	23	4
Black	753	304	134	99	86	26	63	9	9	19	4
Hawaii	143	53	20	16	15	-	23	9	1	5	1
White	44	15	4	6	4	-	7	4	-	4	-
Black	10	7	3	-	-	-	-	-	-	-	-
Idaho	113	23	15	15	13	6	26	4	5	6	-
White	109	22	15	15	13	4	26	3	5	6	-
Black	-	-	-	-	-	-	-	-	-	-	-
Illinois	1,501	345	243	207	195	47	244	82	38	46	54
White	906	196	142	114	124	32	156	50	28	32	32
Black	566	144	100	88	68	15	79	29	8	13	22
Indiana	611	112	93	78	95	24	102	40	16	16	35
White	501	84	77	67	82	19	85	38	15	13	21
Black	107	28	16	11	13	2	17	2	1	3	14
Iowa	267	65	31	30	37	12	44	13	13	16	6
White	246	60	28	28	35	12	40	12	12	13	6
Black	18	5	3	2	1	-	3	-	1	3	-
Kansas	216	46	31	36	37	7	34	6	4	9	6
White	180	33	27	29	30	7	31	6	4	8	5
Black	30	11	3	6	5	-	3	-	-	1	1
Kentucky	425	91	81	58	61	16	71	17	15	13	2
White	361	74	67	42	52	16	66	17	12	13	2
Black	62	17	14	14	9	-	5	-	3	-	-
Louisiana	606	100	100	87	80	14	97	18	19	15	76
White	286	50	41	32	36	9	57	13	14	5	29
Black	313	49	58	55	41	5	38	5	5	10	47
Maine	92	21	12	9	9	4	10	4	2	3	18
White	90	21	12	9	9	3	9	4	2	3	18
Black	1	-	-	-	-	-	1	-	-	-	-
Maryland	653	109	64	60	59	12	52	13	9	12	263
White	318	47	28	27	26	7	27	6	8	6	136
Black	322	59	36	32	32	5	21	7	1	6	123

Table 3-15. Fetal Deaths by Period of Gestation and Race of Mother for the United States and Each State; and by Sex for the United States: 1990—Con.

(Page 2 of 3)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Area, race of mother,[1] and sex	Total	Period of gestation [2]									
		20-23 weeks	24-27 weeks	28-31 weeks	32-35 weeks	36 weeks	37-39 weeks	40 weeks	41 weeks	42 weeks or more	Not stated
Massachusetts	544	123	100	67	82	31	77	31	14	17	2
White	438	100	79	54	66	22	62	24	14	16	1
Black	96	22	18	12	15	9	14	4	–	1	1
Michigan	808	199	139	119	129	38	97	26	30	24	7
White	554	129	86	81	90	33	76	19	21	15	4
Black	243	68	52	36	38	5	20	5	8	8	3
Minnesota	425	75	54	43	49	21	73	23	18	10	59
White	358	59	42	35	44	16	60	22	17	8	55
Black	37	8	7	7	4	2	5	1	–	1	2
Mississippi	500	132	97	62	80	19	63	20	13	10	4
White	155	24	26	24	26	8	29	9	5	3	1
Black	340	106	69	38	53	11	34	11	8	7	3
Missouri	536	122	81	74	103	18	80	17	14	18	9
White	354	74	38	53	73	10	62	14	11	11	8
Black	179	48	43	20	28	8	18	3	3	7	1
Montana	86	17	14	8	10	2	16	8	4	5	2
White	71	17	9	6	7	2	15	6	3	4	2
Black	1	–	–	–	–	–	–	–	1	–	–
Nebraska	159	35	26	18	29	7	25	3	5	7	4
White	139	30	25	16	22	6	23	3	4	7	3
Black	16	4	–	2	6	1	2	–	–	–	1
Nevada	176	48	22	25	22	10	26	9	4	7	3
White	142	44	17	19	15	9	19	8	3	5	3
Black	26	3	3	6	6	–	5	1	–	2	–
New Hampshire	103	17	17	14	19	7	15	5	5	2	2
White	100	16	17	13	18	7	15	5	5	2	2
Black	2	1	–	–	1	–	–	–	–	–	–
New Jersey	1,001	262	147	95	121	40	134	33	30	18	121
White	591	155	86	62	76	23	78	23	23	10	55
Black	376	99	54	33	40	16	49	9	4	8	64
New Mexico [3]	130	13	31	14	19	3	30	8	4	4	4
White	107	12	24	11	14	2	27	6	4	4	3
Black	3	–	–	–	1	–	–	1	–	–	1
New York	3,090	1,052	503	318	391	94	353	130	68	77	104
White	1,877	632	272	178	231	62	235	94	50	52	71
Black	1,119	394	212	134	140	28	105	35	15	24	32
North Carolina	896	230	154	123	134	29	125	34	28	26	13
White	467	97	82	58	75	16	81	18	17	16	7
Black	421	130	69	64	59	13	44	16	10	10	6
North Dakota	71	24	7	5	11	5	12	2	1	1	3
White	62	19	7	4	11	5	11	1	–	1	3
Black	–	–	–	–	–	–	–	–	–	–	–
Ohio	1,178	288	176	156	172	46	179	61	46	40	14
White	888	194	136	119	119	40	149	49	36	37	9
Black	280	93	38	34	51	6	30	10	10	3	5
Oklahoma	338	32	30	19	29	10	26	12	11	9	160
White	241	20	25	14	24	7	20	11	7	9	104
Black	46	8	2	4	1	–	1	–	1	–	29
Oregon	260	67	46	29	36	13	43	13	6	5	2
White	238	59	44	26	34	13	37	12	6	5	2
Black	8	2	1	1	1	–	3	–	–	–	–
Pennsylvania	1,562	533	239	158	161	58	164	62	47	40	100
White	1,166	369	171	105	129	46	139	52	40	33	82
Black	376	154	66	53	29	9	24	10	6	7	18
Rhode Island	85	23	22	5	14	3	10	3	1	3	1
White	76	20	21	3	11	3	10	3	1	3	1
Black	9	3	1	2	3	–	–	–	–	–	–
South Carolina	594	171	105	72	90	18	76	22	17	17	6
White	261	63	47	26	44	9	35	16	10	8	3
Black	327	106	57	46	46	9	40	6	5	9	3
South Dakota [3]	67	5	8	12	9	3	16	2	7	4	1
White	49	3	4	9	7	2	13	1	6	4	–
Black	1	–	1	–	–	–	–	–	–	–	–
Tennessee [3]	456	47	61	83	105	30	70	20	9	22	9
White	293	23	36	42	75	20	52	16	9	15	5
Black	160	24	25	40	29	10	17	4	–	7	4
Texas	2,042	453	297	270	340	91	259	100	73	66	93
White	1,529	313	230	186	260	72	207	84	58	56	63
Black	476	132	64	75	77	17	46	16	12	9	28
Utah	183	46	32	24	22	6	40	6	1	3	3
White	173	46	29	22	22	6	37	6	–	3	2
Black	–	–	–	–	–	–	–	–	–	–	–
Vermont	46	11	10	5	4	2	11	–	3	–	–
White	41	8	9	4	4	2	11	–	3	–	–
Black	3	1	1	1	–	–	–	–	–	–	–

Table 3-15. Fetal Deaths by Period of Gestation and Race of Mother for the United States and Each State; and by Sex for the United States: 1990—Con.

(Page 3 of 3)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Area, race of mother,[1] and sex	Total	Period of gestation [2]									
		20-23 weeks	24-27 weeks	28-31 weeks	32-35 weeks	36 weeks	37-39 weeks	40 weeks	41 weeks	42 weeks or more	Not stated
Virginia	908	346	141	90	95	27	111	33	29	25	11
White	519	181	77	45	60	16	75	22	18	19	6
Black	371	159	64	42	33	11	33	9	11	5	4
Washington	473	121	60	63	66	21	54	34	12	13	29
White	406	102	54	58	50	17	49	27	10	13	26
Black	29	10	2	2	7	2	1	2	1	-	2
West Virginia	179	50	24	21	30	2	27	12	6	5	2
White	161	45	22	17	29	2	23	11	5	5	2
Black	18	5	2	4	1	-	4	1	1	-	-
Wisconsin	457	121	55	56	79	24	69	19	15	17	2
White	348	83	44	37	60	20	58	15	14	15	2
Black	89	35	9	16	12	4	9	2	1	1	-
Wyoming	49	12	7	8	7	4	7	2	-	2	-
White	47	11	7	7	7	4	7	2	-	2	-
Black	1	1	-	-	-	-	-	-	-	-	-

[1] Totals for geographic areas include races other than white and black.
[2] Period of gestation reported in months allocated to gestation intervals in weeks as shown in the Technical Appendix.
[3] Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

Table 3-16. Fetal Deaths by Birth Weight, Period of Gestation, and Race of Mother: United States, 1990

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Race of mother [1] and period of gestation	Total	Birth weight [2]												
		Under 350 grams	350-499 grams	500-999 grams	1,000-1,499 grams	1,500-1,999 grams	2,000-2,499 grams	2,500-2,999 grams	3,000-3,499 grams	3,500-3,999 grams	4,000-4,499 grams	4,500-4,999 grams	5,000 grams or more	Not stated
All periods of gestation	31,386	3,217	3,674	6,450	3,017	2,587	2,478	2,410	2,191	1,168	403	133	91	3,567
White	21,081	2,127	2,249	4,104	2,003	1,733	1,672	1,737	1,718	922	327	90	67	2,332
Black	9,201	991	1,307	2,116	921	768	710	580	379	193	63	38	20	1,115
20-23 weeks	7,784	2,095	2,358	1,986	107	51	-	-	-	-	-	-	-	1,187
White	4,836	1,361	1,398	1,233	56	31	-	-	-	-	-	-	-	757
Black	2,709	667	884	696	48	20	-	-	-	-	-	-	-	394
24-27 weeks	4,770	674	798	2,242	422	87	41	15	-	-	-	-	-	491
White	3,064	466	519	1,423	269	50	24	6	-	-	-	-	-	307
Black	1,540	192	254	735	139	37	16	8	-	-	-	-	-	159
28-31 weeks	3,791	204	263	1,201	1,083	509	151	72	21	9	-	-	-	278
White	2,432	134	164	793	694	319	88	45	16	7	-	-	-	172
Black	1,229	65	88	361	360	174	58	22	4	2	-	-	-	95
32-35 weeks	4,367	98	79	482	878	1,030	840	407	164	51	15	9	9	305
White	2,967	57	55	312	623	705	553	282	113	32	12	4	4	215
Black	1,239	34	23	153	225	294	256	112	39	14	3	4	4	78
36 weeks	1,240	5	5	52	116	231	330	233	128	38	13	10	4	75
White	905	4	4	35	90	162	227	175	100	31	12	6	3	56
Black	284	-	1	16	22	56	86	52	26	5	1	3	1	15
37-39 weeks	4,241	16	8	93	184	426	681	952	960	420	148	46	41	266
White	3,141	12	7	64	130	301	475	699	767	327	113	29	32	185
Black	948	3	1	25	50	113	185	216	157	76	31	16	7	68
40 weeks	1,318	3	-	16	40	60	143	272	352	241	81	22	11	77
White	1,023	2	-	8	26	46	104	193	288	201	72	15	8	60
Black	237	1	-	7	12	12	35	62	46	30	8	6	2	16
41 weeks	876	1	1	13	20	33	66	166	265	188	62	11	10	40
White	671	1	-	11	9	18	46	125	208	148	54	10	9	32
Black	164	-	1	2	11	14	18	32	45	26	5	1	1	8
42 weeks and over	958	-	3	26	30	55	116	180	221	175	62	24	11	55
White	723	-	3	18	14	38	85	138	168	143	49	18	8	41
Black	213	-	-	7	16	17	26	41	47	28	8	6	3	14
Not stated	2,041	121	159	339	137	105	110	113	80	46	22	11	5	793
White	1,319	90	99	207	92	63	70	74	58	33	15	8	3	507
Black	638	29	55	114	38	31	30	35	15	12	7	2	2	268

[1] Totals for gestational groups include races other than white and black.
[2] Equivalents of the gram weights in terms of pounds and ounces are shown in the Technical Appendix.

Table 3-17. Fetal Deaths and Fetal Mortality Rates by Age of Mother and Specified Race or National Origin of Mother: United States, 1990

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Rates per 1,000 live births and fetal deaths in specified group]

Age of mother	Race of mother									
	All races	White	Black	American Indian [1]	Chinese	Japanese	Hawaiian [2]	Filipino	Other Asian or Pacific Islander	Other
	Number									
All ages	31,386	21,081	9,201	297	68	38	30	143	468	60
Under 15 years	174	59	111	2	-	-	-	1	1	-
15-19 years	4,584	2,652	1,815	57	2	2	7	9	31	9
20-24 years	8,073	5,189	2,649	84	5	4	6	26	96	14
25-29 years	8,378	5,795	2,288	74	23	6	8	40	129	15
30-34 years	6,358	4,606	1,500	44	21	17	6	31	123	10
35-39 years	3,067	2,233	672	26	16	9	3	32	67	9
40-44 years	716	521	158	10	1	-	-	4	20	2
45-49 years	36	26	8	-	-	-	-	-	1	1
	Rate									
All ages	7.5	6.4	13.3	7.5	3.0	4.4	4.9	5.5	5.9	20.2
Under 15 years	14.7	11.7	17.2	*	*	*	*	*	*	*
15-19 years	8.7	7.4	11.8	7.6	*	*	*	*	6.4	*
20-24 years	7.3	6.2	12.0	6.5	*	*	*	5.4	6.0	*
25-29 years	6.5	5.5	13.4	7.1	3.0	*	*	5.3	4.8	*
30-34 years	7.1	6.2	14.8	7.7	2.4	*	*	4.2	5.9	*
35-39 years	9.6	8.5	18.5	11.6	*	*	*	8.4	7.9	*
40-44 years	14.5	13.1	27.5	*	*	*	*	*	12.0	*
45-49 years	21.5	21.6	*	*	*	*	*	*	*	*

[1] Includes fetal deaths to Aleuts and Eskimos.
[2] Includes fetal deaths to Part-Hawaiians.

Table 3-18. Fetal Deaths by Month of Pregnancy Prenatal Care Began, Period of Gestation, and Age and Race of Mother: United States, 1990

(Page 1 of 2)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Period of gestation, age and race of mother	All fetal deaths	No prenatal care	Month of pregnancy prenatal care began						Not stated
			1st or 2nd month	3rd month	4th month	5th month	6th month	7th-9th month	
All periods of gestation [1]									
All races [2]	31,386	2,849	13,213	5,034	2,563	1,528	764	878	4,557
Under 15 years	174	54	29	26	19	11	5	4	26
15-19 years	4,584	620	1,334	760	522	333	208	163	644
20-24 years	8,073	838	2,942	1,400	782	481	215	267	1,148
25-29 years	8,378	654	3,911	1,292	609	317	155	203	1,237
30-34 years	6,358	421	3,166	951	402	215	109	136	958
35-39 years	3,067	192	1,528	487	176	131	52	78	423
40-44 years	716	68	288	113	50	38	18	26	115
45-49 years	36	2	15	5	3	2	2	1	6
White	21,081	1,313	9,918	3,485	1,612	917	461	527	2,848
Under 15 years	59	12	12	10	7	3	5	1	9
15-19 years	2,652	294	851	467	303	191	116	89	341
20-24 years	5,189	384	2,079	956	502	306	127	153	682
25-29 years	5,795	284	3,002	904	396	192	98	127	792
30-34 years	4,606	184	2,522	715	251	137	69	91	637
35-39 years	2,233	108	1,210	354	113	65	32	47	304
40-44 years	521	45	231	75	39	21	13	18	79
45-49 years	26	2	11	4	1	2	1	1	4
Black	9,201	1,445	2,868	1,368	841	555	267	310	1,547
Under 15 years	111	41	16	16	11	7	–	3	17
15-19 years	1,815	310	455	276	204	137	85	72	276
20-24 years	2,649	431	793	401	252	162	76	105	429
25-29 years	2,288	351	774	339	187	112	49	68	408
30-34 years	1,500	216	539	196	129	68	36	35	281
35-39 years	672	77	244	109	49	55	16	22	100
40-44 years	158	19	43	31	7	14	5	5	34
45-49 years	8	–	4	–	2	–	–	–	2
20-27 weeks of gestation									
All races [2]	12,554	1,487	5,737	1,936	951	535	133	66	1,709
Under 15 years	105	36	21	15	10	6	3	–	14
15-19 years	1,954	360	626	349	212	113	34	11	249
20-24 years	3,195	441	1,303	501	293	182	38	21	416
25-29 years	3,259	336	1,609	501	219	102	21	16	455
30-34 years	2,506	203	1,339	351	134	73	25	10	371
35-39 years	1,266	92	704	184	59	49	8	8	162
40-44 years	261	19	132	33	22	10	4	–	41
45-49 years	8	–	3	2	2	–	–	–	1
White	7,900	626	4,072	1,224	531	308	84	39	1,016
Under 15 years	34	7	7	6	4	2	3	–	5
15-19 years	1,051	159	375	200	110	57	22	5	123
20-24 years	1,898	187	863	300	170	113	20	14	231
25-29 years	2,101	132	1,165	319	128	59	14	9	275
30-34 years	1,721	76	1,014	248	70	48	17	7	241
35-39 years	909	51	546	129	32	26	5	4	116
40-44 years	180	14	99	21	16	3	3	–	24
45-49 years	6	–	3	1	1	–	–	–	1
Black	4,249	820	1,494	651	372	200	46	25	641
Under 15 years	68	29	13	9	5	3	–	–	9
15-19 years	854	195	234	143	95	51	12	6	118
20-24 years	1,216	240	413	188	111	66	15	6	177
25-29 years	1,050	195	388	168	82	33	7	7	170
30-34 years	699	119	294	87	54	21	8	3	113
35-39 years	297	38	128	46	21	20	3	3	38
40-44 years	64	4	24	10	3	6	1	–	16
45-49 years	1	–	–	–	1	–	–	–	–
28-36 weeks of gestation									
All races [2]	9,398	747	4,029	1,603	857	563	330	336	933
Under 15 years	42	10	8	6	7	4	1	3	3
15-19 years	1,411	143	432	233	161	137	90	75	140
20-24 years	2,520	232	925	471	284	157	97	100	254
25-29 years	2,469	170	1,196	404	193	119	66	77	244
30-34 years	1,850	111	958	285	133	81	47	43	192
35-39 years	876	50	438	159	64	47	21	28	69
40-44 years	217	29	66	44	14	16	7	10	31
45-49 years	13	2	6	1	1	2	1	–	–
White	6,304	333	3,044	1,112	551	323	184	187	570
Under 15 years	13	–	5	3	2	1	1	–	1
15-19 years	830	67	291	140	96	82	48	33	73
20-24 years	1,613	105	651	322	187	92	56	54	146
25-29 years	1,698	69	912	285	123	66	37	48	158
30-34 years	1,358	51	781	215	88	50	24	30	119
35-39 years	630	24	345	119	43	21	12	15	51
40-44 years	153	15	55	27	12	9	6	7	22
45-49 years	9	2	4	1	–	2	–	–	–
Black	2,752	386	844	428	275	229	129	131	330
Under 15 years	28	9	3	3	5	3	–	3	2
15-19 years	550	70	134	88	58	55	40	40	65
20-24 years	831	122	246	133	89	62	38	43	98
25-29 years	677	95	241	102	63	53	24	26	73
30-34 years	410	55	139	55	39	28	19	9	66
35-39 years	201	23	70	33	18	23	7	9	18
40-44 years	52	12	9	14	2	5	1	1	8
45-49 years	3	–	2	–	1	–	–	–	–

Table 3-18. Fetal Deaths by Month of Pregnancy Prenatal Care Began, Period of Gestation, and Age and Race of Mother: United States, 1990—Con.

(Page 2 of 2)

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix]

Period of gestation, age and race of mother	All fetal deaths	No prenatal care	Month of pregnancy prenatal care began						Not stated
			1st or 2nd month	3rd month	4th month	5th month	6th month	7th-9th month	
37 weeks of gestation and greater									
All races [2]	7,393	380	3,234	1,421	714	405	277	443	519
Under 15 years	9	1	-	3	2	1	-	1	1
15-19 years	905	67	255	166	140	78	75	70	54
20-24 years	1,849	97	667	407	193	133	77	136	139
25-29 years	2,070	91	1,034	363	189	90	61	103	139
30-34 years	1,606	76	819	302	126	59	35	78	111
35-39 years	752	35	372	142	50	32	22	40	59
40-44 years	188	13	81	36	14	12	6	14	12
45-49 years	14	-	6	2	-	-	1	1	4
White	5,558	226	2,645	1,100	500	274	178	286	349
Under 15 years	4	1	-	1	1	-	-	1	-
15-19 years	592	39	171	119	89	49	43	47	35
20-24 years	1,355	58	527	316	139	97	48	80	90
25-29 years	1,625	50	878	284	141	65	41	69	97
30-34 years	1,250	44	686	245	84	37	26	52	76
35-39 years	572	24	308	106	35	17	15	27	40
40-44 years	150	10	71	27	11	9	4	9	9
45-49 years	10	-	4	2	-	-	1	1	2
Black	1,562	141	482	268	186	114	83	140	148
Under 15 years	5	-	-	2	1	1	-	-	1
15-19 years	295	27	80	42	50	29	27	23	17
20-24 years	439	38	128	77	47	30	23	52	44
25-29 years	371	37	124	64	40	22	17	30	37
30-34 years	286	27	97	48	36	19	9	21	29
35-39 years	131	10	43	28	10	10	5	10	15
40-44 years	31	2	8	7	2	3	2	4	3
45-49 years	4	-	2	-	-	-	-	-	2

[1] Includes fetal deaths with period of gestation not stated.
[2] Includes races other than white and black.

Table 3-19. Fetal Deaths by Specified Hispanic Origin of Mother and Race of Mother for Non-Hispanic Origin: 44 Reporting States and the District of Columbia, 1990

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. For discussion of completeness of reporting and comparability of data among the States, see Technical Appendix]

State	All origins	Hispanic						Non-Hispanic			Not stated [2]
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [1]	White	Black	
Alabama	673	3	1	–	–	–	2	670	329	334	–
Alaska	60	1	–	–	–	–	1	53	32	2	6
Arizona	405	117	113	–	–	1	3	278	202	36	10
Arkansas	272	–	–	–	–	–	–	269	173	93	3
California	4,018	1,589	1,301	7	6	158	117	2,333	1,483	541	96
Colorado	350	55	27	–	–	–	28	273	240	25	22
Connecticut	356	13	–	10	–	–	3	57	37	18	286
Delaware	76	7	–	–	–	–	7	67	44	23	2
District of Columbia	155	7	–	–	–	3	4	122	2	120	26
Florida	1,628	265	35	33	53	50	94	1,322	747	556	41
Georgia	1,364	24	14	4	–	2	4	1,228	509	711	112
Hawaii	143	10	1	1	–	–	8	110	35	8	23
Idaho	113	15	11	–	–	–	4	89	86	–	9
Illinois	1,501	179	132	24	–	4	19	1,225	704	499	97
Indiana	611	9	5	1	–	–	3	559	462	94	43
Iowa	267	3	2	1	–	–	–	263	242	18	1
Kansas	216	16	12	1	–	–	3	194	161	28	6
Kentucky	425	2	–	–	–	–	2	423	360	62	–
Maine	92	–	–	–	–	–	–	64	62	1	28
Michigan	808	19	12	1	–	–	6	661	418	232	128
Minnesota	425	8	3	–	–	–	5	399	337	35	18
Mississippi	500	1	1	–	–	–	–	494	150	339	5
Missouri	536	4	1	–	–	–	3	527	348	176	5
Montana	86	2	1	–	–	–	1	80	67	1	4
Nebraska	159	5	4	–	–	–	1	142	123	15	12
Nevada	176	31	22	–	2	1	6	137	104	25	8
New Jersey	1,001	145	5	55	8	55	22	800	433	339	56
New Mexico	130	56	10	–	–	1	45	60	40	3	14
New York	3,090	493	34	212	6	160	81	2,059	1,079	907	538
North Carolina	896	6	4	–	–	–	2	883	458	417	7
North Dakota	71	–	–	–	–	–	–	66	57	–	5
Ohio	1,178	18	8	4	1	–	5	1,129	848	272	31
Oregon	260	24	15	–	1	–	8	236	215	8	–
Pennsylvania	1,562	53	1	28	–	1	23	1,443	1,087	336	66
South Carolina	594	5	3	–	–	–	2	576	253	317	13
South Dakota	67	2	2	–	–	–	–	63	46	1	2
Tennessee	456	1	–	–	–	–	1	435	281	152	20
Texas	2,042	709	626	5	1	30	47	1,312	816	463	21
Utah	183	13	3	–	–	1	9	169	160	–	1
Vermont	46	–	–	–	–	–	–	36	33	1	10
Virginia	908	31	6	2	–	14	9	766	418	333	111
Washington	473	46	26	–	–	–	20	353	297	23	74
West Virginia	179	1	1	–	–	–	–	172	154	18	6
Wisconsin	457	8	4	2	–	2	–	415	314	83	34
Wyoming	49	2	2	–	–	–	–	47	45	1	–

[1] Includes races other than white and black.
[2] Includes fetal deaths that occurred in States that did not report Hispanic origin on the report of fetal death.

Table 3-20. Fetal Deaths and Fetal Mortality Rates by Age of Mother for Specified Hispanic Origin of Mother and Race of Mother for Non-Hispanic Origin: Total of 36 States and the District of Columbia, 1990

[Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. For a listing of reporting States see Technical Appendix. Rates per 1,000 live birth and fetal deaths in specified group]

Age of mother	All origins	Hispanic						Non-Hispanic			Not stated [2]
		Total	Mexican	Puerto Rican	Cuban	Central or South American	Other-Hispanic	Total [1]	White	Black	
	Number										
All ages	23,129	3,340	2,360	166	72	308	434	18,973	12,083	6,149	8
Under 15 years	139	15	10	3	-	-	2	120	32	85	
15-19 years	3,518	524	376	32	6	39	71	2,870	1,484	1,316	1
20-24 years	6,107	930	686	51	13	70	110	4,969	2,981	1,833	2
25-29 years	6,094	854	607	41	21	82	103	5,042	3,367	1,465	1
30-34 years	4,545	599	406	23	20	62	88	3,773	2,667	942	1
35-39 years	2,185	324	206	14	9	45	50	1,776	1,259	402	
40-44 years	515	89	64	2	3	10	10	402	279	101	
45-49 years	26	5	5	-	-	-	-	21	14	5	
	Rate [3]										
All ages	7.4	6.7	6.3	6.4	7.0	5.9	11.0	7.3	6.1	12.7	. . .
Under 15 years	15.1	*	*	*	*	*	*	16.6	15.1	17.6	. . .
15-19 years	8.6	6.3	5.9	5.9	*	8.1	9.6	8.8	7.4	11.6	. . .
20-24 years	7.3	5.8	5.6	5.8	*	5.0	9.4	7.3	6.0	11.7	. . .
25-29 years	6.4	6.1	6.0	6.0	5.2	5.0	9.6	6.2	5.2	12.6	. . .
30-34 years	7.0	7.5	7.2	6.5	8.4	5.6	13.2	6.7	5.8	14.0	. . .
35-39 years	9.5	10.7	9.6	*	*	10.2	21.3	9.0	7.9	17.2	. . .
40-44 years	14.6	15.2	15.3	*	*	*	*	13.8	12.2	28.1	. . .
45-49 years	20.6	*	*	*	*	*	*	21.4	*	*	. . .

[1] Includes races other than white and black.
[2] Includes fetal deaths that occurred in States that did not report Hispanic origin on the report of fetal death.
[3] Figures for origin not stated included in "All origins" but not distributed among origins.

Section 4. Perinatal Mortality

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Table 4-1. Perinatal Mortality Rates for Three Definitions, by Race: United States, 1950-90

[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more. Beginning 1989 race for fetal deaths and live births is tabulated according to race of mother; see Technical Appendix. Presumed gestational age not stated was changed beginning in 1969; see Technical Appendix. Beginning 1970 excludes infant and fetal deaths and live births occurring to nonresidents of the United States; see Technical Appendix. Rates per 1,000 live births and specified fetal deaths]

Year	Perinatal Definition I [1]				Perinatal Definition II				Perinatal Definition III			
	All races	White	All other		All races	White	All other		All races	White	All other	
			Total	Black			Total	Black			Total	Black
	Race of mother and child [2]											
1990	9.1	7.7	14.3	16.4	13.3	11.1	21.5	24.7	12.3	10.2	19.9	22.9
1989	9.6	8.2	14.8	16.8	13.7	11.5	21.8	24.9	12.6	10.6	20.1	23.0
	Race of child [3]											
1990	9.1	7.8	13.6	15.7	13.3	11.2	20.4	23.7	12.3	10.3	19.0	22.0
1989	9.6	8.3	14.1	16.2	13.7	11.6	20.8	24.0	12.6	10.7	19.2	22.3
1988	9.7	8.4	14.3	16.5	13.7	11.7	20.8	24.1	12.7	10.8	19.3	22.4
1987	10.0	8.7	14.8	16.9	14.1	12.1	21.2	24.4	13.0	11.1	19.7	22.7
1986	10.3	9.1	15.0	17.0	14.3	12.5	21.1	24.1	13.2	11.5	19.7	22.5
1985	10.7	9.6	15.2	17.4	14.7	13.0	21.4	24.5	13.6	12.0	19.9	22.7
1984	11.0	9.9	15.4	17.4	15.1	13.4	21.5	24.4	14.0	12.4	20.1	22.8
1983	11.5	10.3	16.2	18.2	15.6	13.8	22.9	25.7	14.5	12.7	21.3	24.0
1982	12.3	11.0	17.1	19.1	16.4	14.6	23.7	26.7	15.2	13.5	22.0	24.7
1981	12.6	11.3	17.5	19.4	16.9	15.0	24.3	27.1	15.6	13.8	22.5	25.0
1980	13.2	11.9	18.7	20.7	17.5	15.6	25.6	28.3	16.1	14.3	23.6	26.1
1979	13.8	12.5	19.3	21.1	18.1	16.1	26.3	28.9	16.7	14.8	24.4	26.8
1978	14.6	13.0	20.9	---	19.0	16.7	28.3	---	17.5	15.4	26.3	---
1977	15.4	13.9	21.7	---	19.6	17.4	29.1	---	18.1	16.1	26.7	---
1976	16.7	15.1	23.8	---	21.1	18.8	31.0	---	19.6	17.4	28.7	---
1975	17.7	16.0	25.0	---	22.1	19.7	32.3	---	20.5	18.3	29.9	---
1974	18.9	17.3	26.0	---	23.5	21.2	33.6	---	21.9	19.8	31.3	---
1973	20.1	18.3	27.6	---	24.9	22.4	35.8	---	23.4	21.0	33.6	---
1972	21.2	19.3	29.6	---	26.0	23.3	38.0	---	24.5	22.0	35.7	---
1971	21.7	19.8	30.2	---	27.3	24.5	40.0	---	25.9	23.3	37.9	---
1970	23.0	21.0	32.7	---	28.9	25.9	43.1	---	27.4	24.6	40.8	---
1969	23.9	21.8	34.3	---	29.3	26.2	44.1	---	27.8	25.0	41.5	---
1968	25.8	23.5	37.0	---	31.4	28.1	47.4	---	30.0	26.9	44.9	---
1967	26.2	23.7	38.2	---	31.6	28.2	48.3	---	30.1	26.8	45.7	---
1966	26.9	24.3	39.2	---	32.4	28.8	49.7	---	30.8	27.5	46.6	---
1965	27.6	25.0	40.6	---	33.3	29.6	51.2	---	31.5	28.1	48.0	---
1964	28.0	25.2	42.3	---	33.7	29.8	53.2	---	31.9	28.4	49.8	---
1963 [4]	27.9	25.3	41.1	---	33.5	29.9	51.4	---	31.7	28.4	48.2	---
1962 [4]	28.1	25.7	40.9	---	33.7	30.4	51.4	---	31.9	28.9	47.9	---
1961	28.3	25.9	40.9	---	34.0	30.6	51.8	---	32.1	29.0	48.1	---
1960	28.6	26.2	41.6	---	34.3	30.9	52.2	---	32.3	29.3	48.3	---
1959	28.8	26.3	42.4	---	34.6	31.2	53.5	---	32.5	29.5	49.4	---
1958	29.3	26.7	43.6	---	35.4	31.9	55.0	---	33.1	30.0	50.5	---
1957	28.8	26.5	42.2	---	34.8	31.6	53.2	---	32.5	29.7	48.7	---
1956	28.9	26.6	41.9	---	34.8	31.6	52.8	---	32.6	29.8	48.5	---
1955	29.7	27.4	43.0	---	35.6	32.4	54.1	---	33.5	30.6	50.0	---
1954	29.8	27.5	43.4	---	35.9	32.8	54.3	---	33.6	30.9	50.1	---
1953	30.6	28.3	44.4	---	36.7	33.6	55.3	---	34.3	31.6	50.8	---
1952	31.1	28.7	46.4	---	37.4	34.1	58.4	---	34.9	32.0	53.5	---
1951	31.8	29.4	46.3	---	38.1	35.0	57.6	---	35.6	32.8	53.1	---
1950	32.5	30.1	47.0	---	39.0	35.8	58.1	---	36.4	33.6	53.5	---

[1] Figures for gestational age not stated are distributed for fetal deaths; see Technical Appendix.
[2] Fetal deaths and live births by race of mother; infant deaths by race of child.
[3] Fetal deaths by race of fetus; live births and infant deaths by race of child.
[4] Figures by race exclude data for residents of New Jersey; see Technical Appendix.

Table 4-2. Perinatal Deaths and Mortality Ratios and Rates for Three Definitions, by Race and Sex: United States, 1990

[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Beginning 1989 race for fetal deaths and live births is tabulated according to race of mother; see Technical Appendix. Ratios per 1,000 live births. Rates per 1,000 live births and specified fetal deaths]

Race and sex	Perinatal Definition I [1]			Perinatal Definition II			Perinatal Definition III		
	Deaths	Ratio	Rate	Deaths	Ratio	Rate	Deaths	Ratio	Rate
All races [2]	37,979	9.1	9.1	55,695	13.4	13.3	51,406	12.4	12.3
Male	20,798	9.8	9.7	30,662	14.4	14.3	28,171	13.2	13.1
Female	17,181	8.5	8.4	25,033	12.3	12.3	23,235	11.5	11.4
White	25,487	7.7	7.7	36,832	11.2	11.1	33,912	10.3	10.2
Male	13,967	8.3	8.2	20,277	12.0	11.9	18,539	11.0	10.9
Female	11,520	7.2	7.2	16,555	10.3	10.3	15,373	9.6	9.5
Black	11,306	16.5	16.4	17,106	25.0	24.7	15,871	23.2	22.9
Male	6,194	17.8	17.7	9,424	27.2	26.8	8,748	25.2	24.8
Female	5,112	15.2	15.1	7,682	22.8	22.5	7,123	21.1	20.9

[1] Figures for gestational age not stated are distributed for fetal deaths; see Technical Appendix.
[2] Includes races other than white and black.

Table 4-3. Perinatal Deaths and Mortality Ratios and Rates for Three Definitions, by Race, for Metropolitan and Nonmetropolitan Counties: United States, 1990

[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Frequencies for Perinatal Definition I may not add to totals; see Technical Appendix. Beginning 1989 race for fetal deaths and live births is tabulated according to race of mother; see Technical Appendix. Ratios per 1,000 live births. Rates per 1,000 live births and specified fetal deaths]

Geographic area and race [1]	Perinatal Definition I [2]			Perinatal Definition II			Perinatal Definition III		
	Deaths	Ratio	Rate	Deaths	Ratio	Rate	Deaths	Ratio	Rate
United States	37,979	9.1	9.1	55,695	13.4	13.3	51,406	12.4	12.3
White	25,487	7.7	7.7	36,832	11.2	11.1	33,912	10.3	10.2
Black	11,306	16.5	16.4	17,106	25.0	24.7	15,871	23.2	22.9
Metropolitan counties	30,192	9.1	9.0	44,330	13.3	13.2	40,869	12.3	12.2
White	19,593	7.5	7.5	28,403	10.9	10.9	26,093	10.0	10.0
Black	9,670	16.5	16.4	14,564	24.9	24.6	13,504	23.1	22.8
Nonmetropolitan counties	7,782	9.4	9.4	11,365	13.8	13.7	10,537	12.8	12.7
White	5,891	8.5	8.5	8,429	12.2	12.1	7,819	11.3	11.2
Black	1,635	16.5	16.4	2,542	25.6	25.2	2,367	23.9	23.5

[1] Totals for geographic areas include races other than white and black.
[2] Figures for gestational age not stated are distributed for fetal deaths; see Technical Appendix.

Table 4-4. Perinatal Mortality Rates for Three Definitions, by Race: United States and Each State, 1987-90

(Page 1 of 3)

[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Beginning 1989 race for fetal deaths and live births is tabulated according to race of mother; see Technical Appendix. Rates per 1,000 live births and specified fetal deaths]

Area and race	Perinatal Definition I [1]						Perinatal Definition II						Perinatal Definition III					
	1990 [2]	1990 [3]	1989 [2]	1989 [3]	1988 [3]	1987 [3]	1990 [2]	1990 [3]	1989 [2]	1989 [3]	1988 [3]	1987 [3]	1990 [2]	1990 [3]	1989 [2]	1989 [3]	1988 [3]	1987 [3]
United States	9.1	9.1	9.6	9.6	9.7	10.0	13.3	13.3	13.7	13.7	13.7	14.1	12.3	12.3	12.6	12.6	12.7	13.0
White	7.7	7.8	8.2	8.3	8.4	8.7	11.1	11.2	11.5	11.6	11.7	12.1	10.2	10.3	10.6	10.7	10.8	11.1
All other	14.3	13.6	14.8	14.1	14.3	14.8	21.5	20.4	21.8	20.8	20.8	21.2	19.9	19.0	20.1	19.2	19.3	19.7
Black	16.4	15.7	16.8	16.2	16.5	16.9	24.7	23.7	24.9	24.0	24.1	24.4	22.9	22.0	23.0	22.3	22.4	22.7
Alabama	11.8	11.8	11.6	11.6	12.1	12.6	17.7	17.7	17.9	17.9	18.3	18.1	16.7	16.7	16.3	16.3	16.7	16.2
White	9.5	9.6	9.1	9.1	9.7	10.1	13.7	13.7	13.8	13.8	14.2	14.1	13.0	13.0	12.3	12.4	13.1	12.8
All other	15.9	15.7	16.3	16.1	16.3	17.3	25.0	24.8	25.5	25.2	25.5	25.5	23.5	23.2	23.4	23.2	23.3	22.5
Black	16.1	15.9	16.6	16.5	16.4	17.7	25.3	25.2	25.9	25.8	25.8	26.1	23.7	23.6	23.9	23.8	23.6	23.0
Alaska	6.5	6.5	5.8	5.8	7.2	7.2	10.1	10.1	8.8	8.8	11.1	11.5	8.3	8.3	8.0	8.0	9.9	9.9
White	6.4	6.3	5.1	5.2	5.8	6.5	8.7	8.6	7.0	7.1	8.8	9.7	7.5	7.3	6.5	6.5	7.7	8.7
All other	6.8	7.0	7.2	6.9	9.5	8.5	13.0	12.8	12.5	11.8	15.5	15.1	9.9	10.0	11.2	10.6	14.0	12.3
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Arizona	8.0	8.0	8.1	8.1	8.6	9.1	11.3	11.3	10.9	10.9	12.2	12.5	10.2	10.2	9.9	9.9	11.1	11.5
White	7.5	7.6	7.9	8.0	8.2	8.5	10.6	10.7	10.7	10.7	11.8	11.8	9.6	9.7	9.7	9.7	10.7	10.9
All other	11.1	10.1	9.2	8.7	10.9	11.8	15.5	14.5	12.3	12.0	14.1	16.1	13.9	13.1	11.0	10.9	13.3	14.6
Black	19.7	16.3	15.7	13.5	18.8	17.3	26.9	22.7	21.1	19.5	24.2	23.0	24.6	20.8	20.3	18.8	22.6	22.0
Arkansas	8.7	8.7	9.6	9.6	10.5	9.5	12.7	12.7	13.4	13.4	14.7	13.5	11.5	11.5	12.1	12.1	13.2	12.3
White	7.5	7.5	7.8	7.9	8.5	8.2	10.8	10.9	11.2	11.3	11.7	11.9	9.8	9.8	10.0	10.1	10.6	10.8
All other	12.6	12.4	15.1	14.6	16.6	13.4	18.6	18.1	20.0	19.3	23.5	18.5	17.0	16.6	18.4	17.8	20.8	16.7
Black	13.0	12.8	14.6	14.3	17.5	13.7	19.1	18.8	19.6	19.2	24.6	19.0	17.4	17.2	17.9	17.6	21.8	17.2
California	8.1	8.1	8.7	8.7	8.7	9.0	11.3	11.3	11.9	11.9	11.8	12.3	10.4	10.4	10.9	10.9	10.8	11.3
White	7.8	7.9	8.0	8.2	8.3	8.6	10.7	10.9	11.0	11.2	11.1	11.6	9.8	9.9	10.0	10.2	10.2	10.5
All other	9.6	8.9	11.5	10.5	10.1	10.8	14.1	13.1	15.9	14.5	14.6	15.1	13.0	12.1	14.5	13.3	13.3	13.9
Black	14.8	13.2	16.8	15.1	14.7	15.5	21.7	19.3	23.7	21.1	21.6	22.2	20.0	17.9	21.7	19.4	19.5	20.5
Colorado	8.2	8.2	8.7	8.7	8.7	9.4	11.6	11.6	12.3	12.3	13.1	14.3	10.5	10.5	11.4	11.4	12.0	13.3
White	7.8	7.9	8.3	8.3	8.6	9.2	11.1	11.2	11.5	11.7	12.7	13.9	10.1	10.2	10.7	10.9	11.6	12.9
All other	12.8	11.1	13.3	11.8	9.7	11.7	17.6	15.5	20.8	18.1	16.8	17.8	15.4	13.6	18.8	16.4	15.9	16.8
Black	15.2	13.5	16.9	15.0	11.0	15.4	21.3	19.0	24.4	21.3	21.2	23.7	18.5	16.6	21.9	19.1	20.0	22.1
Connecticut	8.4	8.4	9.8	9.8	9.1	9.0	12.6	12.6	13.6	13.6	12.9	12.8	11.9	11.9	13.0	13.0	12.1	12.0
White	7.2	7.3	8.5	8.6	8.4	7.7	10.9	11.0	11.7	11.8	11.5	11.1	10.4	10.5	11.2	11.3	10.8	10.6
All other	14.7	13.4	16.7	15.6	13.4	16.7	21.9	20.4	24.3	22.4	20.6	22.5	20.4	19.1	23.1	21.3	19.2	20.6
Black	15.8	14.5	18.5	17.5	14.6	18.8	24.1	22.4	26.7	24.8	22.4	25.5	22.3	20.9	25.4	23.7	20.9	23.3
Delaware	10.7	10.7	12.0	12.0	11.7	12.9	13.7	13.7	16.0	16.0	14.8	16.0	13.0	13.0	14.8	14.8	14.1	15.3
White	8.3	8.5	10.4	10.3	8.7	10.5	10.8	11.0	13.6	13.5	11.8	12.4	10.3	10.5	12.4	12.2	11.1	11.9
All other	18.0	17.3	16.5	16.8	20.8	19.7	22.3	21.4	23.0	23.2	23.8	26.3	20.9	20.1	21.9	22.1	23.4	25.1
Black	19.2	18.6	16.9	17.3	21.8	21.1	23.8	23.0	23.8	24.1	25.1	28.1	22.2	21.5	22.6	22.9	24.7	26.8
District of Columbia	20.7	20.7	22.6	22.6	21.2	19.9	27.9	27.9	29.2	29.2	29.9	26.2	25.9	25.9	27.7	27.7	27.8	24.4
White	*	*	12.1	12.8	13.8	*	15.2	16.0	13.7	14.6	22.6	17.0	12.5	13.2	13.2	14.0	20.9	15.8
All other	22.7	22.5	24.4	24.2	22.6	21.8	30.2	29.9	32.0	31.7	31.2	28.1	28.3	28.1	30.3	30.0	29.1	26.1
Black	24.9	24.7	26.5	26.3	24.4	23.6	33.2	32.9	34.7	34.4	33.8	30.5	31.1	30.9	32.8	32.6	31.5	28.3
Florida	9.8	9.8	10.4	10.4	11.2	10.8	14.2	14.2	14.7	14.7	15.4	14.8	13.2	13.2	13.6	13.6	14.2	13.8
White	7.8	7.8	8.4	8.4	9.0	8.3	11.3	11.4	11.7	11.8	12.3	11.4	10.3	10.4	10.8	10.9	11.2	10.5
All other	16.0	15.5	16.4	15.9	17.5	18.1	23.1	22.5	23.9	23.2	24.1	24.7	21.7	21.0	22.1	21.5	22.8	23.1
Black	16.6	16.2	17.0	16.6	18.2	18.7	23.9	23.4	24.6	24.1	25.2	25.6	22.4	21.9	22.8	22.3	23.8	24.0
Georgia	12.0	12.0	11.8	11.8	12.3	12.9	20.0	20.0	18.9	18.9	19.4	20.2	18.6	18.6	17.5	17.5	18.2	19.0
White	8.8	8.8	8.5	8.6	9.1	10.4	14.3	14.3	13.1	13.2	14.1	16.2	13.1	13.1	11.9	12.0	13.2	15.1
All other	17.4	17.2	17.4	17.1	17.8	17.1	29.5	29.1	28.7	28.2	28.2	27.2	27.7	27.3	26.8	26.3	26.4	25.9
Black	17.8	17.6	18.0	17.7	18.2	17.6	30.1	29.7	29.5	29.0	28.9	27.9	28.2	27.9	27.5	27.2	27.1	26.6
Hawaii	6.9	6.9	6.4	6.4	8.4	8.5	11.1	11.1	11.1	11.1	14.1	12.4	10.5	10.5	10.0	10.0	13.2	11.7
White	6.3	7.6	4.7	5.8	9.1	7.4	9.9	12.1	9.5	10.9	15.6	13.1	9.3	11.2	9.3	10.6	15.3	12.7
All other	7.2	6.7	7.1	6.6	8.2	8.8	11.6	10.8	11.8	11.1	13.6	12.2	11.0	10.2	10.3	9.8	12.5	11.4
Black	*	*	*	*	*	*	*	20.6	*	*	*	*	*	20.6	*	*	*	*
Idaho	8.5	8.5	8.9	8.9	6.6	8.6	11.2	11.2	13.3	13.3	9.9	12.4	10.8	10.8	11.9	11.9	9.1	11.2
White	8.3	8.4	8.6	8.7	6.7	8.4	11.1	11.2	13.1	13.2	9.7	12.1	10.6	10.7	11.7	11.8	9.0	10.9
All other	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Illinois	10.3	10.3	11.1	11.1	10.7	11.4	14.6	14.6	15.0	15.0	14.5	15.3	13.3	13.3	13.8	13.8	13.3	14.0
White	8.0	8.1	8.8	8.9	8.7	9.4	11.3	11.4	12.1	12.1	11.8	12.6	10.3	10.4	11.0	11.1	10.8	11.5
All other	17.2	16.5	17.6	17.0	16.5	17.3	24.5	23.6	23.5	22.9	22.4	23.3	22.4	21.5	21.7	21.1	20.8	21.3
Black	18.4	17.8	19.1	18.5	17.9	18.8	26.5	25.6	25.5	24.9	24.1	25.1	24.1	23.3	23.6	23.0	22.5	23.0
Indiana	9.7	9.7	10.3	10.3	10.0	10.8	13.1	13.1	13.9	13.9	13.7	14.2	12.2	12.2	12.9	12.9	12.6	13.3
White	9.1	9.2	9.5	9.5	9.0	9.4	12.0	12.1	12.7	12.8	12.5	12.3	11.3	11.3	11.7	11.7	11.5	11.4
All other	14.5	13.5	16.9	16.1	16.9	21.3	21.0	19.8	22.5	21.5	21.9	28.6	19.2	18.1	21.5	20.6	20.2	27.4
Black	15.3	14.6	18.1	17.7	18.6	20.6	22.7	21.8	24.0	23.3	23.7	28.2	20.6	19.9	22.9	22.3	22.1	27.0
Iowa	8.0	8.0	8.4	8.4	8.9	8.7	11.4	11.4	11.8	11.8	12.0	11.9	10.4	10.4	10.9	10.9	11.0	11.1
White	7.5	7.5	7.8	7.8	8.9	8.5	10.8	10.9	11.1	11.0	11.8	11.7	9.9	9.9	10.3	10.2	10.8	10.8
All other	17.3	15.5	20.2	18.5	*	12.8	23.6	21.2	26.6	25.3	15.8	17.2	21.9	19.7	24.3	23.3	14.7	16.7
Black	24.6	21.0	23.4	22.0	*	*	34.7	30.1	29.9	28.9	18.0	20.9	31.9	27.8	28.0	27.3	*	20.0
Kansas	7.7	7.7	7.3	7.3	8.1	9.1	10.6	10.6	10.8	10.8	10.7	12.0	9.7	9.7	9.8	9.8	10.0	11.2
White	7.3	7.3	6.8	6.9	7.3	8.4	9.8	9.8	9.9	10.0	9.6	10.8	9.0	9.0	9.0	9.1	9.1	10.0
All other	11.7	10.4	10.8	9.6	13.7	14.1	16.9	15.7	17.7	16.0	18.0	20.6	15.6	14.5	15.9	14.4	16.8	19.7
Black	12.5	11.7	12.6	11.4	15.4	16.2	18.4	17.3	20.7	19.0	21.0	24.9	16.6	15.8	18.6	17.2	19.7	23.8

Table 4-4. Perinatal Mortality Rates for Three Definitions, by Race: United States and Each State, 1987-90—Con.

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[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Beginning 1989 race for fetal deaths and live births is tabulated according to race of mother; see Technical Appendix. Rates per 1,000 live births and specified fetal deaths]

Area and race	Perinatal Definition I [1]						Perinatal Definition II						Perinatal Definition III					
	1990 [2]	1990 [3]	1989 [2]	1989 [3]	1988 [3]	1987 [3]	1990 [2]	1990 [3]	1989 [2]	1989 [3]	1988 [3]	1987 [3]	1990 [2]	1990 [3]	1989 [2]	1989 [3]	1988 [3]	1987 [3]
Kentucky	8.3	8.3	9.1	9.1	10.3	9.6	12.5	12.5	13.2	13.2	14.6	13.9	11.4	11.4	12.2	12.2	13.3	12.7
White	7.9	7.9	8.4	8.4	9.7	9.4	11.6	11.6	12.1	12.2	13.7	13.1	10.7	10.8	11.1	11.2	12.5	11.9
All other	12.1	11.7	14.7	14.2	15.4	11.9	20.1	19.4	22.3	21.4	22.1	21.0	17.6	17.1	21.6	20.7	20.5	19.8
Black	12.7	12.4	15.0	14.7	16.3	12.5	21.3	20.8	23.2	22.5	23.3	21.9	18.6	18.2	22.4	21.7	21.6	20.7
Louisiana	10.6	10.6	11.2	11.2	11.0	11.2	15.0	15.0	15.5	15.5	15.1	15.5	13.7	13.7	14.4	14.4	14.0	14.1
White	7.9	7.9	8.3	8.4	8.8	8.2	11.3	11.3	11.6	11.7	12.2	11.3	10.3	10.3	10.6	10.7	11.1	10.4
All other	14.1	14.0	15.1	14.9	14.0	15.4	19.9	19.7	20.8	20.6	19.0	21.1	18.2	18.0	19.4	19.2	17.8	19.2
Black	14.4	14.4	15.6	15.5	14.5	16.0	20.3	20.2	21.5	21.3	19.6	21.8	18.6	18.5	19.9	19.8	18.4	19.8
Maine	7.0	7.0	7.5	7.5	8.7	8.0	9.8	9.8	10.7	10.7	11.9	10.6	9.3	9.3	9.7	9.7	11.0	9.9
White	6.9	6.9	7.5	7.4	8.3	7.9	9.8	9.9	10.6	10.5	11.4	10.5	9.3	9.3	9.7	9.5	10.5	9.7
All other	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maryland	9.7	9.7	[4] 9.4	[4] 9.4	10.6	11.5	14.3	14.3	[4] 13.5	[4] 13.5	15.2	16.3	13.2	13.2	[4] 12.3	[4] 12.3	14.1	14.9
White	6.6	6.7	6.8	6.9	8.0	8.9	10.0	10.2	9.7	9.9	11.3	12.7	9.0	9.2	8.6	8.8	10.3	11.5
All other	15.5	14.8	14.3	13.7	15.4	16.5	22.3	21.4	20.6	19.7	22.5	22.9	21.1	20.2	19.4	18.6	20.9	21.3
Black	16.9	16.2	15.4	14.9	16.8	17.7	24.3	23.5	22.3	21.6	24.3	24.7	22.9	22.2	21.0	20.3	22.6	23.1
Massachusetts	7.4	7.4	7.9	7.9	8.2	7.9	10.6	10.6	11.1	11.1	11.6	10.9	9.8	9.8	10.2	10.2	10.9	10.2
White	6.9	7.0	7.2	7.4	7.7	7.3	9.9	10.0	10.0	10.1	10.8	10.0	9.1	9.2	9.1	9.3	10.0	9.3
All other	10.4	9.5	12.5	11.2	11.5	11.9	15.3	13.9	18.3	16.4	17.0	16.7	13.8	12.6	17.4	15.6	16.5	16.2
Black	12.9	11.7	15.3	13.6	15.2	14.5	19.1	17.4	23.0	20.6	22.5	20.4	17.2	15.7	22.0	19.8	21.9	19.6
Michigan	8.8	8.8	9.4	9.4	9.4	9.7	12.2	12.2	12.9	12.9	12.8	12.9	11.0	11.0	11.8	11.8	11.6	11.8
White	6.9	6.9	7.5	7.5	7.2	7.7	9.6	9.5	10.1	10.1	9.9	10.4	8.7	8.7	9.3	9.4	8.8	9.4
All other	15.4	15.0	16.4	15.9	17.8	17.7	21.2	20.8	23.0	22.3	24.0	22.8	18.9	18.5	20.8	20.1	22.2	21.3
Black	16.0	15.8	17.3	17.0	18.9	18.9	22.2	21.9	24.2	23.7	25.6	24.3	19.7	19.5	22.0	21.5	23.7	22.6
Minnesota	7.7	7.7	7.3	7.3	7.9	7.6	10.5	10.5	10.2	10.2	11.3	11.1	9.8	9.8	9.5	9.5	10.6	10.0
White	7.3	7.4	6.9	6.9	7.3	7.1	9.8	9.9	9.5	9.6	10.6	10.6	9.2	9.3	8.8	8.9	10.0	9.5
All other	11.7	10.4	11.4	10.6	12.7	11.8	18.2	16.3	17.4	15.8	17.1	17.0	16.7	15.0	16.1	14.7	16.7	15.8
Black	18.5	15.4	18.6	16.8	18.6	16.5	26.4	22.6	27.7	24.4	23.9	24.0	24.5	21.0	24.9	22.1	23.9	22.0
Mississippi	12.3	12.3	11.3	11.3	11.7	13.5	18.9	18.9	16.7	16.7	17.5	19.7	17.5	17.5	15.5	15.5	16.2	18.2
White	8.6	8.6	8.6	8.6	8.8	9.5	11.8	11.9	11.7	11.7	12.5	13.4	10.8	10.8	10.6	10.6	11.3	12.0
All other	16.3	16.2	14.1	14.0	14.7	18.0	26.2	26.1	21.9	21.8	22.8	26.6	24.5	24.4	20.7	20.6	21.3	24.9
Black	16.5	16.4	14.3	14.3	14.9	18.4	26.5	26.4	22.2	22.1	23.0	27.1	24.7	24.6	20.9	20.9	21.6	25.4
Missouri	8.8	8.8	8.7	8.7	9.5	9.1	12.4	12.4	12.3	12.3	13.0	13.2	11.3	11.3	11.1	11.1	12.0	12.1
White	7.6	7.7	8.0	8.0	8.6	8.1	10.3	10.4	11.0	11.1	11.6	11.6	9.4	9.4	10.0	10.0	10.6	10.6
All other	14.0	13.4	12.0	11.6	13.7	13.8	21.4	20.4	18.4	17.7	19.3	20.7	20.1	19.1	16.4	15.8	17.9	18.8
Black	14.9	14.4	12.2	12.1	14.3	14.5	22.8	22.0	19.1	18.8	20.3	21.6	21.4	20.6	16.9	16.7	18.8	19.6
Montana	8.2	8.2	8.8	8.8	9.0	8.4	11.9	11.9	12.7	12.7	12.1	12.2	10.9	10.9	11.4	11.4	11.4	11.1
White	7.6	7.7	7.7	8.0	9.0	8.4	11.1	11.3	11.5	11.8	12.1	12.1	10.3	10.5	10.3	10.6	11.3	11.0
All other	*	10.8	15.9	13.2	*	*	16.9	14.8	20.4	17.5	11.9	13.2	15.0	13.3	18.4	15.9	11.9	11.5
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nebraska	7.7	7.7	7.4	7.4	9.2	9.1	11.4	11.4	10.7	10.7	12.0	12.0	10.2	10.2	9.6	9.6	11.2	11.0
White	6.9	6.9	6.9	6.9	8.6	8.7	10.3	10.2	9.8	9.9	11.2	11.3	9.4	9.3	8.8	8.9	10.4	10.2
All other	16.5	15.6	13.4	11.8	15.9	13.4	22.9	22.5	21.3	18.7	20.5	19.8	19.4	19.5	18.8	16.5	18.6	18.8
Black	18.0	17.2	15.1	13.5	19.4	14.6	23.7	22.3	22.2	19.9	25.5	23.2	20.8	19.7	20.8	18.6	23.4	22.5
Nevada	8.5	8.5	8.1	8.1	7.8	9.0	12.8	12.8	12.3	12.3	11.4	12.4	11.7	11.7	11.5	11.5	11.0	11.6
White	7.8	8.0	7.8	7.7	7.0	8.6	12.0	12.2	11.1	11.0	10.1	11.5	11.1	11.3	10.5	10.4	9.8	10.8
All other	12.5	11.1	9.8	10.0	11.5	10.5	18.0	16.1	19.8	18.9	17.2	16.5	15.4	13.9	17.4	16.8	16.6	14.9
Black	16.1	14.7	12.5	13.6	17.0	15.0	22.8	21.0	25.3	25.6	23.9	21.6	19.1	17.8	22.0	22.7	23.4	19.4
New Hampshire	7.0	7.0	8.8	8.8	8.2	8.4	9.6	9.6	11.8	11.8	11.2	11.7	8.9	8.9	11.2	11.2	10.2	10.5
White	7.0	7.0	8.8	8.8	8.1	8.5	9.6	9.6	11.7	11.7	11.0	11.7	8.9	8.9	11.1	11.1	10.1	10.4
All other	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
New Jersey	9.5	9.5	9.7	9.7	10.2	10.4	14.2	14.2	13.9	13.9	14.5	14.6	13.3	13.3	13.0	13.0	13.3	13.6
White	7.5	7.5	8.1	8.1	8.2	8.7	11.0	11.0	11.2	11.3	11.7	11.9	10.2	10.2	10.5	10.5	10.7	11.0
All other	16.4	15.9	15.1	14.6	16.2	16.2	25.0	24.1	22.5	21.9	23.2	24.0	23.4	22.6	21.1	20.6	21.6	22.6
Black	17.6	16.9	16.9	16.3	17.4	17.2	27.2	26.2	25.2	24.6	25.4	25.7	25.3	24.4	23.7	23.2	23.7	24.3
New Mexico	7.1	7.1	7.2	7.2	8.9	7.4	[5] 10.0	[5] 10.0	[5] 9.5	[5] 9.5	[5] 11.8	[5] 9.7	[5] 8.7	[5] 8.7	[5] 8.4	[5] 8.4	[5] 10.6	[5] 8.9
White	7.1	7.2	6.8	6.9	8.7	7.1	10.2	10.3	8.9	9.0	11.4	9.1	8.8	8.9	7.8	7.8	10.3	8.4
All other	6.9	6.6	9.2	8.7	9.8	9.0	9.1	8.7	12.3	11.7	13.5	12.2	8.5	8.1	11.2	10.7	11.6	10.8
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
New York	10.3	10.3	10.8	10.8	11.1	11.4	16.7	16.7	17.1	17.1	16.6	16.8	15.6	15.6	16.0	16.0	15.4	15.8
White	8.5	8.6	9.1	9.2	9.2	9.8	13.6	13.8	14.1	14.2	13.8	14.4	12.7	12.8	13.2	13.4	12.8	13.5
All other	15.6	15.0	15.7	15.1	16.0	15.6	25.5	24.5	25.8	24.9	23.9	23.4	24.1	23.2	23.8	23.0	22.3	22.0
Black	17.8	17.2	17.9	17.3	18.1	17.3	29.0	28.0	29.4	28.3	27.1	26.1	27.3	26.4	27.2	26.2	25.4	24.7
North Carolina	11.1	11.1	11.3	11.3	11.9	11.8	15.7	15.7	16.1	16.1	16.4	16.5	14.8	14.8	15.0	15.0	15.3	15.3
White	8.4	8.5	8.5	8.6	9.3	9.6	11.8	11.9	11.9	12.0	12.8	13.4	10.9	11.0	11.0	11.1	11.7	12.5
All other	16.8	16.4	17.4	16.9	17.3	16.7	24.1	23.5	24.9	24.2	24.0	23.1	22.9	22.3	23.4	22.7	22.7	21.5
Black	17.7	17.3	17.9	17.6	18.1	17.5	25.3	24.8	25.7	25.3	25.2	24.1	24.0	23.5	24.2	23.8	23.9	22.5
North Dakota	8.6	8.6	7.9	7.9	8.2	7.8	13.1	13.1	10.8	10.8	12.3	10.7	12.0	12.0	9.8	9.8	10.7	10.2
White	8.9	9.1	7.5	7.7	7.8	7.7	13.1	13.3	10.6	10.9	11.5	10.7	12.1	12.3	9.6	9.8	10.0	10.3
All other	*	*	*	*	*	*	*	*	*	*	18.6	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Table 4-4. Perinatal Mortality Rates for Three Definitions, by Race: United States and Each State, 1987-90—Con.

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[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Beginning 1989 race for fetal deaths and live births is tabulated according to race of mother; see Technical Appendix. Rates per 1,000 live births and specified fetal deaths]

Area and race	Perinatal Definition I [1]						Perinatal Definition II						Perinatal Definition III					
	1990 [2]	1990 [3]	1989 [2]	1989 [3]	1988 [3]	1987 [3]	1990 [2]	1990 [3]	1989 [2]	1989 [3]	1988 [3]	1987 [3]	1990 [2]	1990 [3]	1989 [2]	1989 [3]	1988 [3]	1987 [3]
Ohio	9.5	9.5	9.6	9.6	9.3	9.3	13.2	13.2	13.1	13.1	13.0	13.1	12.2	12.2	12.1	12.1	11.9	12.0
White	8.3	8.3	8.6	8.6	8.6	8.6	11.5	11.5	11.6	11.7	11.9	11.8	10.6	10.7	10.7	10.8	10.8	10.8
All other	15.5	14.8	14.8	14.2	12.8	12.8	21.9	20.9	20.7	19.9	18.5	19.6	20.3	19.4	19.1	18.5	17.0	18.0
Black	16.1	15.5	15.5	14.9	13.2	13.3	22.8	21.9	21.6	20.8	19.3	20.2	21.1	20.3	19.9	19.3	17.7	18.6
Oklahoma	8.4	8.4	9.3	9.3	9.2	10.0	11.9	11.9	13.1	13.1	12.4	13.5	10.9	10.9	12.0	12.0	11.5	12.5
White	8.0	8.3	8.5	8.9	9.1	9.4	11.0	11.4	11.9	12.3	12.3	12.6	10.1	10.4	10.9	11.2	11.4	11.5
All other	10.1	8.8	12.3	10.6	9.6	11.9	15.4	13.4	17.9	15.7	12.7	16.5	14.0	12.3	16.2	14.3	11.9	15.7
Black	10.4	11.1	15.4	14.2	12.4	16.6	17.5	17.0	22.5	21.0	16.7	23.6	15.5	15.2	20.7	19.4	15.9	22.8
Oregon	6.9	6.9	7.5	7.5	7.5	7.9	10.2	10.2	10.3	10.3	10.5	11.3	9.5	9.5	9.5	9.5	9.6	10.3
White	6.7	6.9	7.5	7.7	7.4	8.0	10.0	10.2	10.3	10.4	10.5	11.5	9.3	9.5	9.4	9.5	9.6	10.5
All other	8.7	6.7	7.3	5.8	8.1	6.5	12.6	10.2	10.7	9.5	10.2	8.4	12.0	9.7	10.0	8.9	9.6	7.8
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pennsylvania	9.6	9.6	10.5	10.5	10.3	10.5	15.3	15.3	15.7	15.7	15.2	16.0	14.3	14.3	14.6	14.6	14.2	14.9
White	8.2	8.4	9.0	9.1	9.0	9.2	13.0	13.2	13.3	13.3	13.0	13.5	12.2	12.3	12.4	12.4	12.1	12.6
All other	16.3	15.1	17.9	17.2	16.5	17.3	26.5	24.7	27.6	26.5	25.6	28.4	24.6	23.1	25.5	24.6	23.9	26.1
Black	17.5	16.3	18.7	18.0	17.7	18.5	28.1	26.5	29.2	28.1	27.3	30.3	26.2	24.8	27.0	26.1	25.5	27.9
Rhode Island	7.7	7.7	11.4	11.4	8.2	8.4	11.4	11.4	16.1	16.1	12.9	12.3	10.7	10.7	14.9	14.9	11.9	11.3
White	7.8	8.0	11.3	11.4	7.6	7.9	11.6	11.8	15.6	15.9	12.0	11.6	10.9	11.2	14.5	14.7	11.0	10.4
All other	*	*	12.2	11.3	12.9	12.6	*	*	19.7	17.8	19.8	18.1	*	*	18.0	16.3	18.1	18.1
Black	*	*	18.1	16.3	*	*	*	*	27.8	24.7	20.4	20.5	*	*	26.0	23.2	18.7	20.5
South Carolina	12.0	12.0	12.7	12.7	12.6	13.1	17.9	17.9	18.4	18.4	18.7	18.8	16.7	16.7	17.1	17.1	17.5	17.6
White	8.9	9.0	8.8	8.8	10.2	9.9	12.9	13.0	12.0	12.0	14.6	14.0	11.9	12.1	11.0	11.0	13.8	12.9
All other	17.0	16.7	18.6	18.4	16.3	18.0	25.5	25.1	28.1	27.8	24.7	26.1	24.0	23.7	26.3	26.0	23.1	24.7
Black	17.3	17.1	18.9	18.7	16.4	18.3	25.9	25.6	28.5	28.3	24.9	26.4	24.4	24.1	26.7	26.4	23.3	25.0
South Dakota	9.0	9.0	7.7	7.7	9.0	8.7	[5] 11.4	[5] 11.4	[5] 10.9	[5] 10.9	[5] 11.9	[5] 11.4	[5] 10.2	[5] 10.2	[5] 9.7	[5] 9.7	[5] 11.0	[5] 10.4
White	8.0	8.1	6.7	6.8	8.7	8.3	10.1	10.2	9.3	9.4	12.0	10.3	8.8	8.9	8.5	8.5	11.0	9.7
All other	14.1	13.2	12.4	11.9	10.3	10.8	17.9	16.6	18.6	17.6	11.3	16.6	17.3	16.1	15.5	14.7	10.8	13.7
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tennessee	9.6	9.6	10.0	10.0	10.1	11.5	[5] 12.5	[5] 12.5	[5] 12.4	[5] 12.4	[5] 12.9	[5] 14.1	[5] 11.1	[5] 11.1	[5] 11.3	[5] 11.3	[5] 11.7	[5] 12.9
White	8.0	8.1	8.4	8.5	7.6	9.8	10.1	10.2	10.2	10.3	9.9	11.6	9.0	9.1	9.4	9.5	9.1	10.8
All other	14.7	14.3	14.8	14.4	17.4	16.8	20.0	19.4	19.2	18.7	21.9	21.7	17.4	16.8	17.1	16.6	19.8	19.4
Black	15.2	14.8	15.0	14.7	17.7	17.1	20.6	20.1	19.5	19.1	22.2	22.1	18.0	17.5	17.3	16.9	20.1	19.6
Texas	8.0	8.0	8.9	8.9	8.7	9.2	11.3	11.3	12.3	12.3	12.0	12.6	10.4	10.4	11.2	11.2	11.0	11.5
White	7.0	7.1	7.9	7.9	8.1	8.5	10.0	10.0	10.9	10.9	11.1	11.6	9.1	9.2	9.9	9.9	10.1	10.5
All other	12.8	12.3	14.2	13.7	11.8	12.9	18.3	17.6	19.7	18.9	16.7	17.8	17.0	16.4	18.1	17.5	15.4	16.4
Black	13.7	13.2	15.3	14.7	13.2	14.2	19.8	19.2	21.1	20.4	18.5	19.6	18.4	17.9	19.4	18.9	17.1	18.1
Utah	5.6	5.6	7.2	7.2	5.7	7.5	8.8	8.8	10.6	10.6	8.7	11.1	7.8	7.8	9.5	9.5	7.8	10.3
White	5.4	5.5	6.9	6.9	5.8	7.5	8.7	8.8	10.3	10.3	8.9	11.2	7.6	7.7	9.3	9.3	7.9	10.4
All other	*	*	11.5	10.7	*	*	10.9	9.4	14.7	13.7	*	9.8	*	8.9	13.1	12.4	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Vermont	6.3	6.3	6.3	6.3	6.6	8.2	9.1	9.1	9.8	9.8	10.1	11.2	8.8	8.8	8.9	8.9	9.3	10.3
White	6.2	6.2	6.4	6.4	6.7	8.3	8.6	8.7	9.9	10.0	10.2	11.4	8.2	8.3	9.0	9.0	9.4	10.4
All other	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Virginia	10.1	10.1	10.1	10.1	10.5	10.1	16.0	16.0	15.9	15.9	16.8	15.9	14.9	14.9	14.7	14.7	15.6	14.9
White	7.6	7.7	8.0	8.1	8.3	8.2	12.0	12.1	12.7	12.8	13.0	13.0	11.2	11.3	11.8	11.9	12.1	12.2
All other	16.6	16.0	15.7	15.2	16.3	15.1	26.7	25.6	24.5	23.7	26.7	23.9	24.9	24.0	22.8	22.0	24.8	22.4
Black	18.1	17.6	16.9	16.5	17.8	16.5	29.2	28.2	26.3	25.6	29.3	26.0	27.3	26.4	24.4	23.8	27.2	24.5
Washington	6.9	6.9	7.2	7.2	7.1	7.5	10.1	10.1	10.2	10.2	9.8	11.0	9.3	9.3	9.2	9.2	8.8	9.8
White	6.5	6.6	7.2	7.3	6.8	7.2	9.6	9.7	9.9	10.1	9.4	10.6	8.8	8.9	8.9	9.0	8.4	9.4
All other	10.2	8.8	7.7	7.1	8.5	9.4	14.4	12.6	12.1	10.8	12.3	13.6	13.2	11.6	11.0	10.0	11.4	12.0
Black	15.4	11.8	14.4	12.2	11.6	13.7	21.5	16.7	23.1	18.8	16.5	19.0	19.7	15.5	21.4	17.6	15.7	17.0
West Virginia	9.7	9.7	10.1	10.1	9.8	10.6	14.1	14.1	14.7	14.7	13.2	14.6	13.0	13.0	13.4	13.4	12.3	13.5
White	9.1	9.2	10.1	10.1	9.4	10.2	13.4	13.5	14.6	14.7	12.7	14.2	12.2	12.2	13.4	13.5	11.7	13.0
All other	23.0	20.5	*	*	*	*	29.7	27.4	*	*	23.6	22.8	29.7	27.4	*	*	22.7	22.8
Black	26.3	23.6	*	*	*	*	34.1	31.5	*	*	24.5	24.5	34.1	31.5	*	*	23.5	24.5
Wisconsin	7.6	7.6	8.7	8.7	8.1	8.2	10.9	10.9	12.0	12.0	10.9	11.2	10.0	10.0	11.0	11.0	10.2	10.5
White	6.8	6.8	8.1	8.2	7.6	7.6	9.7	9.8	10.9	10.9	9.8	10.3	8.8	8.8	10.0	10.0	9.1	9.6
All other	12.5	12.0	12.3	11.9	11.7	12.5	18.8	17.9	18.9	18.3	18.7	18.0	17.5	16.8	17.8	17.2	17.2	16.8
Black	14.3	13.8	13.5	13.2	13.6	14.3	21.6	20.8	21.4	20.9	22.2	21.2	20.2	19.5	20.2	19.8	20.6	19.6
Wyoming	7.6	7.6	10.8	10.8	7.9	11.0	10.8	10.8	12.8	12.8	11.2	13.4	10.2	10.2	12.2	12.2	10.5	12.9
White	7.7	7.7	10.2	10.2	8.2	10.7	11.0	11.0	12.3	12.3	11.5	13.2	10.4	10.4	11.7	11.7	10.9	12.6
All other	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

[1] Figures for gestational age not stated are distributed for fetal deaths; see Technical Appendix.
[2] Fetal deaths and live births based on race of mother; infant deaths based on race of child; see Technical Appendix.
[3] Fetal deaths by race of fetus; live births and infant deaths by race of child; see Technical Appendix.
[4] Underreporting of fetal deaths may have occurred; see Technical Appendix.
[5] Minimum fetal death reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

Table 4-5. Perinatal Deaths and Mortality Ratios and Rates for Three Definitions, by Race: United States and Each State, 1990

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[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Frequencies for Perinatal Definition I may not add to totals; see Technical Appendix. Beginning 1989 race for fetal deaths and live births is tabulated according to race of mother; see Technical Appendix. Ratios per 1,000 live births. Rates per 1,000 live births and specified fetal deaths]

Area and race [1]	Perinatal Definition I [2]			Perinatal Definition II			Perinatal Definition III		
	Deaths	Ratio	Rate	Deaths	Ratio	Rate	Deaths	Ratio	Rate
United States	37,979	9.1	9.1	55,695	13.4	13.3	51,406	12.4	12.3
White	25,487	7.7	7.7	36,832	11.2	11.1	33,912	10.3	10.2
Black	11,306	16.5	16.4	17,106	25.0	24.7	15,871	23.2	22.9
Alabama	752	11.8	11.8	1,135	17.9	17.7	1,070	16.9	16.7
White	393	9.6	9.5	566	13.8	13.7	537	13.1	13.0
Black	354	16.2	16.1	562	25.7	25.3	526	24.1	23.7
Alaska	78	6.6	6.5	121	10.2	10.1	99	8.3	8.3
White	52	6.4	6.4	71	8.8	8.7	61	7.5	7.5
Black	3	*	*	6	*	*	5	*	*
Arizona	552	8.0	8.0	782	11.3	11.3	709	10.3	10.2
White	443	7.5	7.5	629	10.6	10.6	572	9.7	9.6
Black	51	19.9	19.7	70	27.3	26.9	64	24.9	24.6
Arkansas	320	8.8	8.7	467	12.8	12.7	424	11.6	11.5
White	206	7.5	7.5	299	10.9	10.8	270	9.8	9.8
Black	111	13.1	13.0	164	19.3	19.1	150	17.6	17.4
California	5,004	8.2	8.1	6,984	11.4	11.3	6,412	10.5	10.4
White	3,941	7.8	7.8	5,421	10.8	10.7	4,971	9.9	9.8
Black	732	14.9	14.8	1,074	21.9	21.7	990	20.2	20.0
Colorado	441	8.2	8.2	626	11.7	11.6	566	10.6	10.5
White	383	7.8	7.8	546	11.1	11.1	496	10.1	10.1
Black	44	15.2	15.2	62	21.5	21.3	54	18.7	18.5
Connecticut	420	8.4	8.4	635	12.7	12.6	601	12.0	11.9
White	309	7.2	7.2	469	11.0	10.9	446	10.5	10.4
Black	101	15.9	15.8	155	24.4	24.1	144	22.6	22.3
Delaware	120	10.8	10.7	153	13.8	13.7	145	13.0	13.0
White	70	8.4	8.3	91	10.9	10.8	87	10.4	10.3
Black	50	19.4	19.2	62	24.0	23.8	58	22.5	22.2
District of Columbia	247	20.8	20.7	335	28.3	27.9	311	26.2	25.9
White	18	*	*	28	15.3	15.2	23	12.6	12.5
Black	228	25.1	24.9	306	33.7	33.2	287	31.6	31.1
Florida	1,968	9.9	9.8	2,863	14.4	14.2	2,645	13.3	13.2
White	1,171	7.8	7.8	1,706	11.4	11.3	1,562	10.4	10.3
Black	778	16.8	16.6	1,126	24.3	23.9	1,054	22.7	22.4
Georgia	1,360	12.1	12.0	2,281	20.2	20.0	2,118	18.8	18.6
White	621	8.8	8.8	1,018	14.4	14.3	932	13.2	13.1
Black	725	17.9	17.8	1,241	30.6	30.1	1,165	28.8	28.2
Hawaii	142	6.9	6.9	229	11.2	11.1	216	10.5	10.5
White	39	6.3	6.3	62	10.0	9.9	58	9.4	9.3
Black	7	*	*	17	*	*	17	*	*
Idaho	140	8.5	8.5	186	11.3	11.2	178	10.8	10.8
White	133	8.3	8.3	178	11.2	11.1	170	10.7	10.6
Black	–	*	*	–	*	*	–	*	*
Illinois	2,022	10.3	10.3	2,878	14.7	14.6	2,632	13.4	13.3
White	1,182	8.0	8.0	1,674	11.4	11.3	1,533	10.4	10.3
Black	804	18.6	18.4	1,161	26.8	26.5	1,058	24.4	24.1
Indiana	844	9.8	9.7	1,141	13.2	13.1	1,061	12.3	12.2
White	692	9.1	9.1	919	12.1	12.0	859	11.3	11.3
Black	146	15.4	15.3	217	22.9	22.7	197	20.8	20.6
Iowa	315	8.0	8.0	452	11.5	11.4	413	10.5	10.4
White	285	7.6	7.5	411	10.9	10.8	375	9.9	9.9
Black	26	24.8	24.6	37	35.3	34.7	34	32.4	31.9

Table 4-5. Perinatal Deaths and Mortality Ratios and Rates for Three Definitions, by Race: United States and Each State, 1990—Con.

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[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Frequencies for Perinatal Definition I may not add to totals; see Technical Appendix. Beginning 1989 race for fetal deaths and live births is tabulated according to race of mother; see Technical Appendix. Ratios per 1,000 live births. Rates per 1,000 live births and specified fetal deaths]

Area and race [1]	Perinatal Definition I [2]			Perinatal Definition II			Perinatal Definition III		
	Deaths	Ratio	Rate	Deaths	Ratio	Rate	Deaths	Ratio	Rate
Kansas	303	7.8	7.7	416	10.7	10.6	382	9.8	9.7
White	253	7.3	7.3	343	9.9	9.8	315	9.1	9.0
Black	42	12.6	12.5	62	18.6	18.4	56	16.8	16.6
Kentucky	454	8.4	8.3	683	12.6	12.5	627	11.5	11.4
White	387	7.9	7.9	571	11.7	11.6	529	10.8	10.7
Black	65	12.8	12.7	110	21.6	21.3	96	18.8	18.6
Louisiana	767	10.6	10.6	1,090	15.1	15.0	996	13.8	13.7
White	327	7.9	7.9	469	11.4	11.3	428	10.4	10.3
Black	432	14.5	14.4	610	20.5	20.3	558	18.8	18.6
Maine	121	7.0	7.0	171	9.9	9.8	162	9.3	9.3
White	118	6.9	6.9	168	9.9	9.8	159	9.3	9.3
Black	1	*	*	1	*	*	1	*	*
Maryland	780	9.7	9.7	1,155	14.4	14.3	1,070	13.3	13.2
White	345	6.6	6.6	527	10.1	10.0	477	9.1	9.0
Black	424	17.0	16.9	612	24.6	24.3	578	23.2	22.9
Massachusetts	687	7.4	7.4	992	10.7	10.6	911	9.8	9.8
White	554	6.9	6.9	796	10.0	9.9	734	9.2	9.1
Black	117	13.0	12.9	174	19.3	19.1	157	17.4	17.2
Michigan	1,360	8.8	8.8	1,883	12.3	12.2	1,701	11.1	11.0
White	827	6.9	6.9	1,143	9.6	9.6	1,044	8.8	8.7
Black	513	16.1	16.0	716	22.4	22.2	635	19.9	19.7
Minnesota	524	7.7	7.7	720	10.6	10.5	674	9.9	9.8
White	453	7.3	7.3	609	9.8	9.8	572	9.2	9.2
Black	48	18.6	18.5	69	26.8	26.4	64	24.8	24.5
Mississippi	541	12.4	12.3	832	19.1	18.9	772	17.7	17.5
White	192	8.6	8.6	265	11.9	11.8	242	10.9	10.8
Black	345	16.6	16.5	559	26.9	26.5	522	25.2	24.7
Missouri	699	8.8	8.8	987	12.5	12.4	905	11.4	11.3
White	493	7.6	7.6	670	10.4	10.3	608	9.4	9.4
Black	203	15.0	14.9	313	23.1	22.8	294	21.7	21.4
Montana	96	8.3	8.2	139	12.0	11.9	128	11.0	10.9
White	77	7.7	7.6	112	11.2	11.1	104	10.4	10.3
Black	1	*	*	1	*	*	1	*	*
Nebraska	188	7.7	7.7	279	11.4	11.4	251	10.3	10.2
White	155	6.9	6.9	233	10.4	10.3	212	9.5	9.4
Black	25	18.1	18.0	33	23.9	23.7	29	21.0	20.8
Nevada	184	8.5	8.5	279	12.9	12.8	255	11.8	11.7
White	146	7.9	7.8	224	12.1	12.0	208	11.2	11.1
Black	31	16.3	16.1	44	23.1	22.8	37	19.4	19.1
New Hampshire	123	7.0	7.0	170	9.7	9.6	158	9.0	8.9
White	121	7.0	7.0	167	9.7	9.6	155	9.0	8.9
Black	1	*	*	2	*	*	2	*	*
New Jersey	1,169	9.6	9.5	1,750	14.3	14.2	1,634	13.4	13.3
White	707	7.5	7.5	1,041	11.0	11.0	972	10.3	10.2
Black	410	17.8	17.6	639	27.7	27.2	594	25.7	25.3
New Mexico	195	7.1	7.1	[3] 275	10.0	10.0	[3] 240	8.8	8.7
White	162	7.2	7.1	231	10.2	10.2	199	8.8	8.8
Black	7	*	*	7	*	*	7	*	*
New York	3,090	10.4	10.3	5,021	16.9	16.7	4,699	15.8	15.6
White	1,881	8.5	8.5	3,030	13.7	13.6	2,820	12.8	12.7
Black	1,137	18.0	17.8	1,869	29.5	29.0	1,761	27.8	27.3
North Carolina	1,166	11.2	11.1	1,660	15.9	15.7	1,556	14.9	14.8
White	601	8.4	8.4	845	11.9	11.8	783	11.0	10.9
Black	547	17.8	17.7	789	25.6	25.3	749	24.3	24.0

Table 4-5. Perinatal Deaths and Mortality Ratios and Rates for Three Definitions, by Race: United States and Each State, 1990—Con.
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[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Frequencies for Perinatal Definition I may not add to totals; see Technical Appendix. Beginning 1989 race for fetal deaths and live births is tabulated according to race of mother; see Technical Appendix. Ratios per 1,000 live births. Rates per 1,000 live births and specified fetal deaths]

Area and race [1]	*Perinatal Definition I* [2]			Perinatal Definition II			Perinatal Definition III		
	Deaths	Ratio	Rate	Deaths	Ratio	Rate	Deaths	Ratio	Rate
North Dakota	80	8.6	8.6	122	13.2	13.1	112	12.1	12.0
White	75	9.0	8.9	110	13.2	13.1	102	12.2	12.1
Black	–	*	*	–	*	*	–	*	*
Ohio	1,587	9.5	9.5	2,221	13.3	13.2	2,057	12.3	12.2
White	1,154	8.3	8.3	1,608	11.6	11.5	1,488	10.7	10.6
Black	421	16.2	16.1	598	23.0	22.8	554	21.3	21.1
Oklahoma	404	8.5	8.4	573	12.0	11.9	522	11.0	10.9
White	304	8.0	8.0	420	11.1	11.0	383	10.1	10.1
Black	53	10.4	10.4	90	17.6	17.5	80	15.7	15.5
Oregon	295	6.9	6.9	440	10.3	10.2	409	9.5	9.5
White	269	6.7	6.7	402	10.1	10.0	373	9.3	9.3
Black	13	*	*	17	*	*	16	*	*
Pennsylvania	1,654	9.6	9.6	2,650	15.4	15.3	2,479	14.4	14.3
White	1,188	8.3	8.2	1,887	13.1	13.0	1,769	12.3	12.2
Black	449	17.6	17.5	728	28.5	28.1	680	26.6	26.2
Rhode Island	118	7.8	7.7	174	11.5	11.4	164	10.8	10.7
White	105	7.9	7.8	156	11.7	11.6	147	11.0	10.9
Black	13	*	*	17	*	*	17	*	*
South Carolina	710	12.1	12.0	1,059	18.1	17.9	989	16.9	16.7
White	317	8.9	8.9	463	13.0	12.9	428	12.0	11.9
Black	390	17.4	17.3	589	26.3	25.9	554	24.7	24.4
South Dakota	100	9.1	9.0	[3] 126	11.5	11.4	[3] 113	10.3	10.2
White	74	8.1	8.0	93	10.1	10.1	81	8.8	8.8
Black	–	*	*	1	*	*	1	*	*
Tennessee	726	9.7	9.6	[3] 946	12.6	12.5	[3] 836	11.2	11.1
White	454	8.0	8.0	575	10.2	10.1	514	9.1	9.0
Black	269	15.3	15.2	366	20.8	20.6	319	18.1	18.0
Texas	2,526	8.0	8.0	3,608	11.4	11.3	3,312	10.5	10.4
White	1,881	7.1	7.0	2,677	10.1	10.0	2,447	9.2	9.1
Black	597	13.8	13.7	868	20.0	19.8	805	18.6	18.4
Utah	204	5.6	5.6	322	8.9	8.8	283	7.8	7.8
White	188	5.5	5.4	302	8.8	8.7	264	7.7	7.6
Black	1	*	*	1	*	*	1	*	*
Vermont	52	6.3	6.3	76	9.2	9.1	73	8.8	8.8
White	51	6.2	6.2	71	8.7	8.6	68	8.3	8.2
Black	1	*	*	3	*	*	3	*	*
Virginia	1,005	10.1	10.1	1,603	16.1	16.0	1,498	15.1	14.9
White	553	7.6	7.6	871	12.0	12.0	814	11.3	11.2
Black	436	18.3	18.1	707	29.6	29.2	661	27.7	27.3
Washington	547	6.9	6.9	805	10.2	10.1	740	9.3	9.3
White	459	6.5	6.5	680	9.6	9.6	626	8.9	8.8
Black	45	15.5	15.4	63	21.7	21.5	58	19.9	19.7
West Virginia	221	9.8	9.7	322	14.3	14.1	296	13.1	13.0
White	198	9.2	9.1	292	13.5	13.4	266	12.3	12.2
Black	23	26.7	26.3	30	34.8	34.1	30	34.8	34.1
Wisconsin	553	7.6	7.6	802	11.0	10.9	730	10.0	10.0
White	432	6.8	6.8	620	9.8	9.7	560	8.8	8.8
Black	103	14.4	14.3	157	21.9	21.6	147	20.5	20.2
Wyoming	53	7.6	7.6	76	10.9	10.8	72	10.3	10.2
White	51	7.8	7.7	73	11.1	11.0	69	10.5	10.4
Black	–	*	*	1	*	*	1	*	*

[1] Totals for geographic areas include races other than white and black.
[2] Figures for gestational age not stated are distributed for fetal deaths; see Technical Appendix.
[3] *Minimum fetal death reporting requirements* are assumed to exceed 20 weeks gestation; see Technical Appendix.

Table 4-6. Perinatal Deaths by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 36 States and the District of Columbia and Each State, 1990

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[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Frequencies for Perinatal Definition I may not add to totals; see Technical Appendix. Fetal deaths based on race and Hispanic origin of mother, infant deaths based on race and Hispanic origin of child; see Technical Appendix]

State	All origins	Hispanic						Non-Hispanic			Not stated [2]
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [1]	White	Black	
Perinatal Definition I											
All areas	28,288	4,238	3,116	248	86	342	445	23,394	14,886	7,688	655
Alabama	752	3	1	–	–	1	1	745	389	353	4
Alaska	78	2	1	–	–	–	1	70	45	3	6
Arizona	552	175	163	3	–	2	8	371	266	50	6
Arkansas	320	1	1	–	–	–	–	313	203	107	6
California	5,004	2,090	1,725	12	6	204	143	2,811	1,810	692	102
Colorado	441	74	34	–	–	–	40	351	294	43	16
Delaware	120	5	1	–	–	–	4	114	65	49	1
District of Columbia	247	9	2	–	–	6	1	221	11	210	17
Florida	1,968	262	41	40	58	50	72	1,675	946	713	31
Georgia	1,360	29	18	3	–	2	6	1,286	566	709	45
Hawaii	142	18	2	6	1	–	9	112	30	7	12
Idaho	140	17	14	–	–	–	3	118	111	–	5
Illinois	2,022	243	183	29	–	4	27	1,671	906	735	108
Indiana	844	11	7	2	–	–	2	806	659	142	27
Iowa	315	6	5	1	–	–	–	308	278	26	1
Kansas	303	21	17	1	–	–	3	274	227	40	8
Kentucky	454	2	–	–	–	–	2	440	379	60	12
Minnesota	524	15	7	2	–	–	5	496	429	46	13
Mississippi	541	2	1	–	–	–	1	534	186	344	5
Missouri	699	6	3	–	–	–	3	690	487	200	3
Montana	96	–	–	–	–	–	–	92	73	1	4
Nebraska	188	4	2	–	–	–	2	171	138	24	13
Nevada	184	32	24	–	3	1	4	148	112	30	4
New Jersey	1,169	176	6	96	15	41	18	944	535	380	48
North Carolina	1,166	13	8	2	–	1	2	1,146	586	543	7
Ohio	1,587	21	11	5	1	–	4	1,548	1,122	415	18
Oregon	295	28	22	1	–	–	5	266	240	13	1
Pennsylvania	1,654	54	1	37	–	–	16	1,562	1,113	432	38
South Carolina	710	6	4	–	–	–	2	701	310	388	3
South Dakota	100	3	3	–	–	–	–	95	70	–	2
Tennessee	726	3	2	–	–	–	1	685	441	242	38
Texas	2,526	895	803	7	2	31	52	1,608	981	583	23
Utah	204	16	8	–	–	2	6	188	174	–	–
Vermont	52	–	–	–	–	–	–	41	41	–	11
West Virginia	221	1	1	–	–	–	–	218	195	23	2
Wisconsin	553	7	4	1	1	1	–	523	408	99	23
Wyoming	53	3	2	–	–	–	1	50	48	–	–
Perinatal Definition II											
All areas	41,026	5,780	4,172	348	131	471	658	34,153	21,441	11,499	1,093
Alabama	1,135	7	3	1	–	1	2	1,124	558	559	4
Alaska	121	2	1	–	–	–	1	111	62	6	8
Arizona	782	233	217	3	–	4	9	539	393	67	10
Arkansas	467	1	1	–	–	–	–	457	293	160	9
California	6,984	2,738	2,259	12	8	260	199	4,101	2,622	1,013	145
Colorado	626	101	46	–	–	–	55	500	421	61	25
Delaware	153	8	1	–	–	–	7	143	84	59	2
District of Columbia	335	12	2	–	–	6	4	295	17	278	28
Florida	2,863	387	61	60	92	73	101	2,423	1,370	1,026	53
Georgia	2,281	38	22	5	–	3	8	2,126	915	1,196	117
Hawaii	229	26	2	8	1	–	15	180	50	15	23
Idaho	186	18	14	–	–	–	4	159	152	–	9
Illinois	2,878	338	240	42	1	9	46	2,374	1,293	1,047	166
Indiana	1,141	17	10	4	–	–	3	1,078	870	203	46
Iowa	452	7	6	1	–	–	–	444	403	37	1
Kansas	416	30	23	1	–	–	6	374	306	59	12
Kentucky	683	2	–	–	–	–	2	667	562	104	14
Minnesota	720	16	8	2	–	–	6	683	579	65	21
Mississippi	832	2	1	–	–	–	1	819	255	556	11
Missouri	987	7	3	–	–	–	4	975	662	309	5
Montana	139	2	1	–	–	–	1	130	105	1	7
Nebraska	279	6	4	–	–	–	2	257	212	32	16
Nevada	279	43	31	–	3	1	8	228	175	43	8
New Jersey	1,750	263	9	133	20	64	37	1,417	780	593	70
North Carolina	1,660	14	8	2	–	1	3	1,637	828	784	9
Ohio	2,221	27	13	8	1	–	5	2,156	1,556	586	38
Oregon	440	45	33	1	1	–	10	394	358	16	1
Pennsylvania	2,650	94	3	55	–	1	35	2,478	1,759	684	78
South Carolina	1,059	7	5	–	–	–	2	1,038	453	579	14
South Dakota	126	3	3	–	–	–	–	121	89	1	2
Tennessee	946	5	2	–	–	–	3	892	557	331	49
Texas	3,608	1,242	1,119	8	3	44	68	2,332	1,429	846	34
Utah	322	20	9	–	–	2	9	301	283	–	1
Vermont	76	–	–	–	–	–	–	60	57	1	16
West Virginia	322	2	2	–	–	–	–	313	283	30	7
Wisconsin	802	11	6	2	1	2	–	757	583	151	34
Wyoming	76	6	4	–	–	–	2	70	67	1	–

Table 4-6. Perinatal Deaths by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 36 States and the District of Columbia and Each State, 1990—Con.

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[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Frequencies for Perinatal Definition I may not add to totals; see Technical Appendix. Fetal deaths based on race and Hispanic origin of mother, infant deaths based on race and Hispanic origin of child; see Technical Appendix]

State	All origins	Hispanic						Non-Hispanic			Not stated [2]
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [1]	White	Black	
Perinatal Definition III											
All areas	37,832	5,336	3,834	323	120	443	616	31,446	19,669	10,665	1,050
Alabama	1,070	5	2	-	-	1	2	1,061	530	524	4
Alaska	99	2	1	-	-	-	1	89	52	5	8
Arizona	709	218	203	3	-	3	9	481	350	62	10
Arkansas	424	1	1	-	-	-	-	415	265	146	8
California	6,412	2,531	2,078	12	8	243	190	3,740	2,378	933	141
Colorado	566	89	42	-	-	-	47	452	383	53	25
Delaware	145	8	1	-	-	-	7	135	80	55	2
District of Columbia	311	12	2	-	-	6	4	272	12	260	27
Florida	2,645	363	55	56	83	69	100	2,233	1,249	959	49
Georgia	2,118	38	22	5	-	3	8	1,965	829	1,122	115
Hawaii	216	23	2	6	1	-	14	170	46	15	23
Idaho	178	18	14	-	-	-	4	151	144	-	9
Illinois	2,632	301	219	38	-	6	38	2,174	1,190	952	157
Indiana	1,061	15	9	3	-	-	3	1,002	813	184	44
Iowa	413	6	5	1	-	-	-	406	368	34	1
Kansas	382	28	22	1	-	-	5	343	281	53	11
Kentucky	627	2	-	-	-	-	2	613	521	91	12
Minnesota	674	16	8	2	-	-	6	637	542	60	21
Mississippi	772	2	1	-	-	-	1	762	234	520	8
Missouri	905	7	3	-	-	-	4	893	600	290	5
Montana	128	2	1	-	-	-	1	120	98	1	6
Nebraska	251	6	4	-	-	-	2	229	191	28	16
Nevada	255	41	30	-	3	1	7	206	161	36	8
New Jersey	1,634	243	8	123	19	62	31	1,323	729	551	68
North Carolina	1,556	14	8	2	-	1	3	1,533	766	744	9
Ohio	2,057	26	13	7	1	-	5	1,995	1,438	543	36
Oregon	409	41	29	1	1	-	10	367	332	16	1
Pennsylvania	2,479	89	2	53	-	1	33	2,313	1,647	636	77
South Carolina	989	7	5	-	-	-	2	968	418	544	14
South Dakota	113	3	3	-	-	-	-	108	77	1	2
Tennessee	836	4	2	-	-	-	2	788	498	288	44
Texas	3,312	1,141	1,022	8	3	43	65	2,139	1,299	786	32
Utah	283	20	9	-	-	2	9	262	245	-	1
Vermont	73	-	-	-	-	-	-	58	55	1	15
West Virginia	296	1	1	-	-	-	-	288	258	30	7
Wisconsin	730	9	4	2	1	2	-	687	525	141	34
Wyoming	72	4	3	-	-	-	1	68	65	1	-

[1] Includes races other than white and black.
[2] Includes perinatal deaths that occurred in States that did not report Hispanic origin, on the report of fetal death.

Table 4-7. Perinatal Mortality Rates by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 36 States and the District of Columbia and Each State, 1990

(Page 1 of 2)

[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Fetal deaths and live births based on race and Hispanic origin of mother, infant deaths based on race and Hispanic origin of child; see Technical Appendix. Rates per 1,000 live births and specified fetal deaths]

State	All origins [1]	Hispanic					Non-Hispanic		
		Total	Mexican	Puerto Rican	Cuban	Other Hispanic [2]	Total [3]	White	Black
Perinatal Definition I									
All areas	9.1	8.5	8.4	9.5	8.4	8.7	9.0	7.5	15.9
Alabama	11.8	*	*	*	*	*	11.7	9.5	16.1
Alaska	6.5	*	*	*	*	*	6.0	5.8	*
Arizona	8.0	8.9	8.6	*	*	*	7.5	6.7	19.6
Arkansas	8.7	*	*	*	*	*	8.7	7.5	12.5
California	8.1	8.5	8.6	*	*	8.1	7.7	7.0	14.3
Colorado	8.2	7.9	7.3	*	*	8.9	7.9	7.4	15.1
Delaware	10.7	*	*	*	*	*	10.5	8.0	19.0
District of Columbia	20.7	*	*	*	*	*	20.1	*	23.1
Florida	9.8	9.4	8.2	9.3	7.8	11.1	9.7	7.6	15.6
Georgia	12.0	12.7	*	*	*	*	11.6	8.3	17.4
Hawaii	6.9	*	*	*	*	*	6.2	5.5	*
Idaho	8.5	*	*	*	*	*	7.9	7.6	*
Illinois	10.3	10.0	10.3	8.5	*	10.5	9.8	7.3	17.5
Indiana	9.7	*	*	*	*	*	9.5	8.9	15.0
Iowa	8.0	*	*	*	*	*	7.9	7.5	24.8
Kansas	7.7	10.7	*	*	*	*	7.4	6.9	12.0
Kentucky	8.3	*	*	*	*	*	8.1	7.8	11.8
Minnesota	7.7	*	*	*	*	*	7.7	7.3	20.6
Mississippi	12.3	*	*	*	*	*	12.2	8.4	16.5
Missouri	8.8	*	*	*	*	*	8.8	7.6	14.7
Montana	8.2	*	*	*	*	*	8.4	7.8	*
Nebraska	7.7	*	*	*	*	*	7.3	6.4	17.3
Nevada	8.5	9.7	9.6	*	*	*	8.1	7.3	15.7
New Jersey	9.5	10.3	*	13.5	*	7.3	9.0	6.8	17.0
North Carolina	11.1	*	*	*	*	*	11.1	8.4	17.5
Ohio	9.5	8.6	*	*	*	*	9.4	8.2	16.0
Oregon	6.9	9.4	8.3	*	*	*	6.6	6.5	*
Pennsylvania	9.6	9.6	*	8.6	*	*	9.4	8.0	17.0
South Carolina	12.0	*	*	*	*	*	12.0	8.8	17.2
South Dakota	9.0	*	*	*	*	*	8.7	7.7	*
Tennessee	9.6	*	*	*	*	*	9.2	7.8	13.7
Texas	8.0	7.7	7.8	*	*	7.0	8.0	6.5	13.4
Utah	5.6	*	*	*	*	*	5.5	5.3	*
Vermont	6.3	*	*	*	*	*	5.6	5.7	*
West Virginia	9.7	*	*	*	*	*	9.6	9.0	26.4
Wisconsin	7.6	*	*	*	*	*	7.3	6.6	13.8
Wyoming	7.6	*	*	*	*	*	7.7	7.9	*
Perinatal Definition II									
All areas	13.1	11.5	11.2	13.3	12.8	12.4	13.1	10.8	23.7
Alabama	17.7	*	*	*	*	*	17.6	13.6	25.2
Alaska	10.1	*	*	*	*	*	9.6	7.9	*
Arizona	11.3	11.8	11.4	*	*	*	10.9	9.8	26.1
Arkansas	12.7	*	*	*	*	*	12.6	10.8	18.6
California	11.3	11.1	11.2	*	*	10.7	11.2	10.2	20.9
Colorado	11.6	10.8	9.8	*	*	12.2	11.3	10.5	21.4
Delaware	13.7	*	*	*	*	*	13.2	10.4	22.8
District of Columbia	27.9	*	*	*	*	*	26.8	*	30.4
Florida	14.2	13.9	12.1	13.9	12.4	15.8	14.0	11.0	22.3
Georgia	20.0	16.6	16.6	*	*	*	19.1	13.4	29.1
Hawaii	11.1	10.6	*	*	*	*	9.9	9.1	*
Idaho	11.2	*	*	*	*	*	10.6	10.4	*
Illinois	14.6	13.8	13.5	12.2	*	18.5	13.9	10.5	24.7
Indiana	13.1	*	*	*	*	*	12.7	11.7	21.4
Iowa	11.4	*	*	*	*	*	11.4	10.8	35.0
Kansas	10.6	15.2	14.3	*	*	*	10.1	9.3	17.6
Kentucky	12.5	*	*	*	*	*	12.3	11.5	20.3
Minnesota	10.5	*	*	*	*	*	10.6	9.8	28.9
Mississippi	18.9	*	*	*	*	*	18.7	11.4	26.4
Missouri	12.4	*	*	*	*	*	12.4	10.4	22.5
Montana	11.9	*	*	*	*	*	11.8	11.1	*
Nebraska	11.4	*	*	*	*	*	11.0	9.9	23.0
Nevada	12.8	13.1	12.4	*	*	*	12.4	11.3	22.5
New Jersey	14.2	15.4	*	18.6	22.6	12.3	13.4	9.9	26.4
North Carolina	15.7	*	*	*	*	*	15.8	11.8	25.2
Ohio	13.2	11.0	*	*	*	*	13.0	11.3	22.5
Oregon	10.2	15.0	12.4	*	*	*	9.8	9.6	*
Pennsylvania	15.3	16.5	*	12.7	*	40.9	14.8	12.6	26.8
South Carolina	17.9	*	*	*	*	*	17.7	12.8	25.6
South Dakota	11.4	*	*	*	*	*	11.1	9.8	*
Tennessee	12.5	*	*	*	*	*	11.9	9.9	18.7
Texas	11.3	10.7	10.8	*	*	9.4	11.6	9.5	19.4
Utah	8.8	9.7	*	*	*	*	8.8	8.7	*
Vermont	9.1	*	*	*	*	*	8.2	7.9	*
West Virginia	14.1	*	*	*	*	*	13.8	13.0	34.2
Wisconsin	10.9	*	*	*	*	*	10.6	9.4	21.0
Wyoming	10.8	*	*	*	*	*	10.8	10.9	*

Table 4-7. Perinatal Mortality Rates by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 36 States and the District of Columbia and Each State, 1990—Con.

(Page 2 of 2)

[Perinatal Definition I includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 28 weeks or more; Perinatal Definition II includes infant deaths of less than 28 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; Perinatal Definition III includes infant deaths of less than 7 days and fetal deaths with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix. Fetal deaths and live births based on race and Hispanic origin of mother, infant deaths based on race and Hispanic origin of child; see Technical Appendix. Rates per 1,000 live births and specified fetal deaths]

State	All origins [1]	Hispanic					Non-Hispanic		
		Total	Mexican	Puerto Rican	Cuban	Other Hispanic [2]	Total [3]	White	Black
Perinatal Definition III									
All areas	12.1	10.7	10.3	12.4	11.7	11.6	12.1	9.9	22.0
Alabama	16.7	*	*	*	*	*	16.6	12.9	23.6
Alaska	8.3	*	*	*	*	*	7.7	6.7	*
Arizona	10.2	11.0	10.7	*	*	*	9.7	8.8	24.2
Arkansas	11.5	*	*	*	*	*	11.5	9.7	17.0
California	10.4	10.2	10.3	*	*	10.1	10.2	9.2	19.2
Colorado	10.5	9.5	8.9	*	*	10.5	10.2	9.6	18.6
Delaware	13.0	*	*	*	*	*	12.4	9.9	21.3
District of Columbia	25.9	*	*	*	*	*	24.7	*	28.4
Florida	13.2	13.0	10.9	12.9	11.2	15.3	12.9	10.1	20.9
Georgia	18.6	16.6	16.6	*	*	*	17.7	12.1	27.3
Hawaii	10.5	9.4	*	*	*	*	9.4	8.4	*
Idaho	10.8	*	*	*	*	*	10.0	9.9	*
Illinois	13.3	12.3	12.3	11.1	*	14.8	12.7	9.6	22.5
Indiana	12.2	*	*	*	*	*	11.8	10.9	19.4
Iowa	10.4	*	*	*	*	*	10.4	9.9	32.2
Kansas	9.7	14.2	13.7	*	*	*	9.3	8.6	15.8
Kentucky	11.4	*	*	*	*	*	11.3	10.6	17.7
Minnesota	9.8	*	*	*	*	*	9.9	9.2	26.7
Mississippi	17.5	*	*	*	*	*	17.4	10.5	24.7
Missouri	11.3	*	*	*	*	*	11.4	9.4	21.1
Montana	10.9	*	*	*	*	*	10.9	10.4	*
Nebraska	10.2	*	*	*	*	*	9.8	8.9	20.1
Nevada	11.7	12.5	12.0	*	*	*	11.2	10.4	18.8
New Jersey	13.3	14.2	*	17.2	*	11.3	12.5	9.2	24.5
North Carolina	14.8	*	*	*	*	*	14.8	10.9	23.9
Ohio	12.2	10.6	*	*	*	*	12.1	10.5	20.8
Oregon	9.5	13.7	10.9	*	*	*	9.1	8.9	*
Pennsylvania	14.3	15.6	*	12.2	*	38.6	13.8	11.8	24.9
South Carolina	16.7	*	*	*	*	*	16.5	11.8	24.0
South Dakota	10.2	*	*	*	*	*	9.9	8.4	*
Tennessee	11.1	*	*	*	*	*	10.5	8.8	16.2
Texas	10.4	9.8	9.9	*	*	9.1	10.6	8.6	18.0
Utah	7.8	9.7	*	*	*	*	7.6	7.5	*
Vermont	8.8	*	*	*	*	*	8.0	7.6	*
West Virginia	13.0	*	*	*	*	*	12.7	11.9	34.2
Wisconsin	10.0	*	*	*	*	*	9.6	8.5	19.6
Wyoming	10.2	*	*	*	*	*	10.4	10.6	*

[1] Figures for origin not stated included in "All origins" but not distributed among origins.
[2] Includes Central and South American and other and unknown Hispanic.
[3] Includes races other than white and black.

Section 5. Accident Mortality

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Table 5-1. Deaths From Motor Vehicle Accidents, by Person Injured, Cause of Death, Race, and Sex: United States, 1990

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[Includes each three-digit category from E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Cause of death, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
Motor vehicle traffic accidents (E810-E819)	45,827	18,630	9,095	2,340	260	1	5	814	6,804	31	7,847
Male	31,647	13,576	4,764	2,280	119	1	4	710	4,712	24	5,457
Female	14,180	5,054	4,331	60	141	–	1	104	2,092	7	2,390
White	38,770	16,267	7,537	2,128	241	1	4	657	5,168	27	6,740
Male	26,609	11,742	3,883	2,069	106	1	3	571	3,535	21	4,678
Female	12,161	4,525	3,654	59	135	–	1	86	1,633	6	2,062
All other	7,057	2,363	1,558	212	19	–	1	157	1,636	4	1,107
Male	5,038	1,834	881	211	13	–	1	139	1,177	3	779
Female	2,019	529	677	1	6	–	–	18	459	1	328
Black	5,482	1,826	1,138	180	10	–	1	135	1,323	1	868
Male	3,989	1,431	655	179	8	–	1	121	973	1	620
Female	1,493	395	483	1	2	–	–	14	350	–	248
Involving collision with train (E810)	623	319	146	7	–	–	–	–	2	5	144
Male	420	220	82	7	–	–	–	–	2	5	104
Female	203	99	64	–	–	–	–	–	–	–	40
White	555	294	123	7	–	–	–	–	1	4	126
Male	374	204	65	7	–	–	–	–	1	4	93
Female	181	90	58	–	–	–	–	–	–	–	33
All other	68	25	23	–	–	–	–	–	1	1	18
Male	46	16	17	–	–	–	–	–	1	1	11
Female	22	9	6	–	–	–	–	–	–	–	7
Black	53	21	13	–	–	–	–	–	1	1	17
Male	35	13	9	–	–	–	–	–	1	1	11
Female	18	8	4	–	–	–	–	–	–	–	6
Involving re-entrant collision with another motor vehicle (E811)	22	17	5	–	–	–	–	–	–	–	–
Male	17	12	5	–	–	–	–	–	–	–	–
Female	5	5	–	–	–	–	–	–	–	–	–
White	20	15	5	–	–	–	–	–	–	–	–
Male	15	10	5	–	–	–	–	–	–	–	–
Female	5	5	–	–	–	–	–	–	–	–	–
All other	2	2	–	–	–	–	–	–	–	–	–
Male	2	2	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Black	2	2	–	–	–	–	–	–	–	–	–
Male	2	2	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Other accident involving collision with another motor vehicle (E812)	17,275	9,070	4,493	1,255	145	–	–	2	7	7	2,296
Male	10,858	6,095	1,984	1,221	62	–	–	2	7	5	1,482
Female	6,417	2,975	2,509	34	83	–	–	–	–	2	814
White	15,113	7,999	3,793	1,135	133	–	–	2	7	7	2,037
Male	9,413	5,293	1,636	1,102	55	–	–	2	7	5	1,313
Female	5,700	2,706	2,157	33	78	–	–	–	–	2	724
All other	2,162	1,071	700	120	12	–	–	–	–	–	259
Male	1,445	802	348	119	7	–	–	–	–	–	169
Female	717	269	352	1	5	–	–	–	–	–	90
Black	1,674	828	541	102	6	–	–	–	–	–	197
Male	1,138	618	283	101	5	–	–	–	–	–	131
Female	536	210	258	1	1	–	–	–	–	–	66
Involving collision with other vehicle (E813)	838	5	1	5	–	–	3	800	2	8	14
Male	730	4	1	5	–	–	2	700	1	5	12
Female	108	1	–	–	–	–	1	100	1	3	2
White	676	5	–	3	–	–	2	646	2	5	13
Male	587	4	–	3	–	–	1	564	1	3	11
Female	89	1	–	–	–	–	1	82	1	2	2
All other	162	–	1	2	–	–	1	154	–	3	1
Male	143	–	1	2	–	–	1	136	–	2	1
Female	19	–	–	–	–	–	–	18	–	1	–
Black	137	–	1	2	–	–	1	132	–	–	1
Male	123	–	1	2	–	–	1	118	–	–	1
Female	14	–	–	–	–	–	–	14	–	–	–
Involving collision with pedestrian (E814)	6,800	3	1	2	1	–	2	7	6,779	–	5
Male	4,705	2	–	2	–	–	2	5	4,691	–	3
Female	2,095	1	1	–	1	–	–	2	2,088	–	2
White	5,164	3	1	2	1	–	2	5	5,146	–	4
Male	3,528	2	–	2	–	–	2	3	3,516	–	3
Female	1,636	1	1	–	1	–	–	2	1,630	–	1
All other	1,636	–	–	–	–	–	–	2	1,633	–	1
Male	1,177	–	–	–	–	–	–	2	1,175	–	–
Female	459	–	–	–	–	–	–	–	458	–	1
Black	1,322	–	–	–	–	–	–	2	1,320	–	–
Male	973	–	–	–	–	–	–	2	971	–	–
Female	349	–	–	–	–	–	–	–	349	–	–

Table 5-1. Deaths From Motor Vehicle Accidents, by Person Injured, Cause of Death, Race, and Sex: United States, 1990—Con.

(Page 2 of 3)

[Includes each three-digit category from E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Cause of death, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
Motor vehicle traffic accidents-Con.											
Other accident involving collision on the highway (E815)	6,532	3,667	1,508	516	47	–	–	2	1	–	791
Male	4,998	2,916	947	502	19	–	–	1	1	–	612
Female	1,534	751	561	14	28	–	–	1	–	–	179
White	5,561	3,110	1,230	471	44	–	–	2	1	–	703
Male	4,264	2,470	777	457	16	–	–	1	1	–	542
Female	1,297	640	453	14	28	–	–	1	–	–	161
All other	971	557	278	45	3	–	–	–	–	–	88
Male	734	446	170	45	3	–	–	–	–	–	70
Female	237	111	108	–	–	–	–	–	–	–	18
Black	773	450	210	39	2	–	–	–	–	–	72
Male	594	368	127	39	2	–	–	–	–	–	58
Female	179	82	83	–	–	–	–	–	–	–	14
Due to loss of control without collision on the highway (E816)	7,625	4,266	1,828	388	35	1	–	1	3	2	1,101
Male	5,695	3,344	1,128	383	20	1	–	–	2	2	815
Female	1,930	922	700	5	15	–	–	1	1	–	286
White	6,573	3,744	1,505	362	34	1	–	1	3	2	921
Male	4,913	2,917	930	357	19	1	–	–	2	2	685
Female	1,660	827	575	5	15	–	–	1	1	–	236
All other	1,052	522	323	26	1	–	–	–	–	–	180
Male	782	427	198	26	1	–	–	–	–	–	130
Female	270	95	125	–	–	–	–	–	–	–	50
Black	735	377	206	21	1	–	–	–	–	–	130
Male	567	319	128	21	1	–	–	–	–	–	98
Female	168	58	78	–	–	–	–	–	–	–	32
Noncollision accident while boarding or alighting (E817)	13	1	2	–	–	–	–	–	–	–	10
Male	7	1	1	–	–	–	–	–	–	–	5
Female	6	–	1	–	–	–	–	–	–	–	5
White	11	1	1	–	–	–	–	–	–	–	9
Male	6	1	1	–	–	–	–	–	–	–	4
Female	5	–	–	–	–	–	–	–	–	–	5
All other	2	–	1	–	–	–	–	–	–	–	1
Male	1	–	–	–	–	–	–	–	–	–	1
Female	1	–	1	–	–	–	–	–	–	–	–
Black	2	–	1	–	–	–	–	–	–	–	1
Male	1	–	–	–	–	–	–	–	–	–	1
Female	1	–	1	–	–	–	–	–	–	–	–
Other noncollision accident (E818)	954	154	351	21	13	–	–	1	8	8	398
Male	680	124	220	21	4	–	–	1	6	6	298
Female	274	30	131	–	9	–	–	–	2	2	100
White	777	131	274	20	12	–	–	1	6	8	325
Male	554	106	171	20	4	–	–	1	5	6	241
Female	223	25	103	–	8	–	–	–	1	2	84
All other	177	23	77	1	1	–	–	–	2	–	73
Male	126	18	49	1	–	–	–	–	1	–	57
Female	51	5	28	–	1	–	–	–	1	–	16
Black	125	19	51	–	1	–	–	–	2	–	52
Male	90	14	34	–	–	–	–	–	1	–	41
Female	35	5	17	–	1	–	–	–	1	–	11
Of unspecified nature (E819)	5,145	1,128	760	146	19	–	–	1	2	1	3,088
Male	3,537	858	396	139	14	–	–	1	2	1	2,126
Female	1,608	270	364	7	5	–	–	–	–	–	962
White	4,320	965	605	128	17	–	–	–	2	1	2,602
Male	2,955	735	298	121	12	–	–	–	2	1	1,786
Female	1,365	230	307	7	5	–	–	–	–	–	816
All other	825	163	155	18	2	–	–	1	–	–	486
Male	582	123	98	18	2	–	–	1	–	–	340
Female	243	40	57	–	–	–	–	–	–	–	146
Black	659	129	115	16	–	–	–	1	–	–	398
Male	466	97	73	16	–	–	–	1	–	–	279
Female	193	32	42	–	–	–	–	–	–	–	119
Motor vehicle nontraffic accidents (E820-E825)	987	187	65	42	1	1	1	10	401	18	261
Male	759	160	40	40	–	1	1	8	275	14	220
Female	228	27	25	2	1	–	–	2	126	4	41
White	881	171	60	40	1	1	1	9	346	15	237
Male	679	147	38	38	–	1	1	7	236	12	199
Female	202	24	22	2	1	–	–	2	110	3	38
All other	106	16	5	2	–	–	–	1	55	3	24
Male	80	13	2	2	–	–	–	1	39	2	21
Female	26	3	3	–	–	–	–	–	16	1	3
Black	78	9	5	2	–	–	–	1	39	2	20
Male	57	7	2	2	–	–	–	1	27	1	17
Female	21	2	3	–	–	–	–	–	12	1	3

Table 5-1. Deaths From Motor Vehicle Accidents, by Person Injured, Cause of Death, Race, and Sex: United States, 1990—Con.
(Page 3 of 3)

[Includes each three-digit category from E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Cause of death, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
Motor vehicle nontraffic accidents-Con.											
Involving motor-driven snow vehicle (E820)	64	17	6	–	–	–	–	–	1	2	38
Male	56	17	3	–	–	–	–	–	–	1	35
Female	8	–	3	–	–	–	–	–	1	1	3
White	61	15	6	–	–	–	–	–	1	2	37
Male	53	15	3	–	–	–	–	–	–	1	34
Female	8	–	3	–	–	–	–	–	1	1	3
All other	3	2	–	–	–	–	–	–	–	–	1
Male	3	2	–	–	–	–	–	–	–	–	1
Female	–	–	–	–	–	–	–	–	–	–	–
Black	1	1	–	–	–	–	–	–	–	–	–
Male	1	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Involving other off-road motor vehicle (E821)	188	79	16	6	–	–	–	–	7	6	74
Male	161	75	8	6	–	–	–	–	5	5	62
Female	27	4	8	–	–	–	–	–	2	1	12
White	181	76	16	6	–	–	–	–	5	6	72
Male	154	72	8	6	–	–	–	–	3	5	60
Female	27	4	8	–	–	–	–	–	2	1	12
All other	7	3	–	–	–	–	–	–	2	–	2
Male	7	3	–	–	–	–	–	–	2	–	2
Female	–	–	–	–	–	–	–	–	–	–	–
Black	4	1	–	–	–	–	–	–	1	–	2
Male	4	1	–	–	–	–	–	–	1	–	2
Female	–	–	–	–	–	–	–	–	–	–	–
Other accident involving collision with moving object (E822)	420	15	5	6	–	–	1	9	367	3	14
Male	302	13	2	6	–	–	1	8	256	3	13
Female	118	2	3	–	–	–	–	1	111	–	1
White	361	13	5	5	–	–	1	8	317	2	10
Male	257	11	2	5	–	–	1	7	220	2	9
Female	104	2	3	–	–	–	–	1	97	–	1
All other	59	2	–	1	–	–	–	1	50	1	4
Male	45	2	–	1	–	–	–	1	36	1	4
Female	14	–	–	–	–	–	–	–	14	–	–
Black	43	1	–	1	–	–	–	1	36	1	3
Male	32	1	–	1	–	–	–	1	25	1	3
Female	11	–	–	–	–	–	–	–	11	–	–
Other accident involving collision with stationary object (E823)	75	29	5	16	1	–	–	–	4	2	18
Male	57	21	5	14	–	–	–	–	2	1	14
Female	18	8	–	2	1	–	–	–	2	1	4
White	68	26	5	15	1	–	–	–	4	1	16
Male	52	19	5	13	–	–	–	–	2	1	12
Female	16	7	–	2	1	–	–	–	2	–	4
All other	7	3	–	1	–	–	–	–	–	1	2
Male	5	2	–	1	–	–	–	–	–	–	2
Female	2	1	–	–	–	–	–	–	–	1	–
Black	7	3	–	1	–	–	–	–	–	1	2
Male	5	2	–	1	–	–	–	–	–	–	2
Female	2	1	–	–	–	–	–	–	–	1	–
Other accident while boarding and alighting (E824)	18	4	2	–	–	–	–	1	1	–	10
Male	6	1	1	–	–	–	–	–	–	–	4
Female	12	3	1	–	–	–	–	1	1	–	6
White	17	4	2	–	–	–	–	1	1	–	9
Male	6	1	1	–	–	–	–	–	–	–	4
Female	11	3	1	–	–	–	–	1	1	–	5
All other	1	–	–	–	–	–	–	–	–	–	1
Male	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	1
Black	1	–	–	–	–	–	–	–	–	–	1
Male	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	1
Other accident of other and unspecified nature (E825)	222	43	31	14	–	1	–	–	21	5	107
Male	177	33	21	14	–	1	–	–	12	4	92
Female	45	10	10	–	–	–	–	–	9	1	15
White	193	37	26	14	–	1	–	–	18	4	93
Male	157	29	19	14	–	1	–	–	11	3	80
Female	36	8	7	–	–	–	–	–	7	1	13
All other	29	6	5	–	–	–	–	–	3	1	14
Male	20	4	2	–	–	–	–	–	1	1	12
Female	9	2	3	–	–	–	–	–	2	–	2
Black	22	3	5	–	–	–	–	–	2	–	12
Male	15	2	2	–	–	–	–	–	1	–	10
Female	7	1	3	–	–	–	–	–	1	–	2

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1990

(Page 1 of 10)

[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Person injured, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
All motor vehicle accidents (E810-E825)	46,814	195	249	241	216	222	1,123	970	1,089	5,918	6,689	5,606	4,564	3,608
Male	32,406	100	127	139	122	135	623	595	665	4,172	5,189	4,254	3,442	2,651
Female	14,408	95	122	102	94	87	500	375	424	1,746	1,500	1,352	1,122	957
White	39,651	148	174	180	156	158	816	736	893	5,187	5,745	4,686	3,777	2,979
Male	27,288	77	91	103	84	93	448	441	539	3,637	4,445	3,558	2,846	2,185
Female	12,363	71	83	77	72	65	368	295	354	1,550	1,300	1,128	931	794
All other	7,163	47	75	61	60	64	307	234	196	731	944	920	787	629
Male	5,118	23	36	36	38	42	175	154	126	535	744	696	596	466
Female	2,045	24	39	25	22	22	132	80	70	196	200	224	191	163
Black	5,560	40	60	48	45	52	245	186	155	524	707	710	637	510
Male	4,046	18	29	27	30	31	135	122	105	393	570	536	488	387
Female	1,514	22	31	21	15	21	110	64	50	131	137	174	149	123
Driver of motor vehicle other than motorcycle (.0)	18,817	3	–	–	–	–	3	7	71	2,229	2,891	2,518	2,085	1,632
Male	13,736	3	–	–	–	–	3	4	50	1,636	2,228	1,894	1,584	1,210
Female	5,081	–	–	–	–	–	–	3	21	593	663	624	501	422
White	16,438	3	–	–	–	–	3	6	67	2,014	2,536	2,151	1,756	1,396
Male	11,889	3	–	–	–	–	3	4	48	1,466	1,936	1,608	1,325	1,029
Female	4,549	–	–	–	–	–	–	2	19	548	600	543	431	367
All other	2,379	–	–	–	–	–	–	1	4	215	355	367	329	236
Male	1,847	–	–	–	–	–	–	–	2	170	292	286	259	181
Female	532	–	–	–	–	–	–	1	2	45	63	81	70	55
Black	1,835	–	–	–	–	–	–	1	4	149	252	278	260	187
Male	1,438	–	–	–	–	–	–	–	2	120	211	215	208	147
Female	397	–	–	–	–	–	–	1	2	29	41	63	52	40
Passenger in motor vehicle other than motorcycle (.1)	9,160	152	100	111	93	97	553	380	462	1,790	1,366	838	606	451
Male	4,804	76	41	60	47	51	275	190	208	1,116	935	548	370	241
Female	4,356	76	59	51	46	46	278	190	254	674	431	290	236	210
White	7,597	117	68	83	71	80	419	307	376	1,508	1,141	680	508	350
Male	3,921	59	29	44	35	41	208	145	167	921	782	446	311	183
Female	3,676	58	39	39	36	39	211	162	209	587	359	234	197	167
All other	1,563	35	32	28	22	17	134	73	86	282	225	158	98	101
Male	883	17	12	16	12	10	67	45	41	195	153	102	59	58
Female	680	18	20	12	10	7	67	28	45	87	72	56	39	43
Black	1,143	29	29	24	16	15	113	51	61	200	173	114	76	76
Male	657	13	10	13	7	8	51	31	29	141	122	74	47	48
Female	486	16	19	11	9	7	62	20	32	59	51	40	29	28
Motorcyclist (.2)	2,382	–	–	1	–	–	1	2	28	303	577	484	345	263
Male	2,320	–	–	–	–	–	–	1	27	297	569	470	332	259
Female	62	–	–	1	–	–	1	1	1	6	8	14	13	4
White	2,168	–	–	1	–	–	1	2	26	279	505	446	318	238
Male	2,107	–	–	–	–	–	–	1	25	273	497	432	305	235
Female	61	–	–	1	–	–	1	1	1	6	8	14	13	3
All other	214	–	–	–	–	–	–	–	2	24	72	38	27	25
Male	213	–	–	–	–	–	–	–	2	24	72	38	27	24
Female	1	–	–	–	–	–	–	–	–	–	–	–	–	1
Black	182	–	–	–	–	–	–	–	2	20	64	33	23	17
Male	181	–	–	–	–	–	–	–	2	20	64	33	23	16
Female	1	–	–	–	–	–	–	–	–	–	–	–	–	1
Passenger on motorcycle (.3)	261	–	–	–	–	–	–	5	8	53	74	50	29	21
Male	119	–	–	–	–	–	–	4	7	29	43	14	7	9
Female	142	–	–	–	–	–	–	1	1	24	31	36	22	12
White	242	–	–	–	–	–	–	4	7	51	65	49	27	20
Male	106	–	–	–	–	–	–	3	6	28	36	14	7	8
Female	136	–	–	–	–	–	–	1	1	23	29	35	20	12
All other	19	–	–	–	–	–	–	1	1	2	9	1	2	1
Male	13	–	–	–	–	–	–	1	1	1	7	–	–	1
Female	6	–	–	–	–	–	–	–	–	1	2	1	2	–
Black	10	–	–	–	–	–	–	1	1	2	4	1	–	–
Male	8	–	–	–	–	–	–	1	1	1	4	–	–	–
Female	2	–	–	–	–	–	–	–	–	1	–	1	–	–
Occupant of streetcar (.4)	2	–	–	–	–	–	–	–	–	–	1	–	–	–
Male	2	–	–	–	–	–	–	–	–	–	1	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	2	–	–	–	–	–	–	–	–	–	1	–	–	–
Male	2	–	–	–	–	–	–	–	–	–	1	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rider of animal; occupant of animal-drawn vehicle (.5)	6	–	–	–	–	–	–	–	–	1	2	–	2	–
Male	5	–	–	–	–	–	–	–	–	1	1	–	2	–
Female	1	–	–	–	–	–	–	–	–	–	1	–	–	–
White	5	–	–	–	–	–	–	–	–	1	1	–	2	–
Male	4	–	–	–	–	–	–	–	–	1	–	–	2	–
Female	1	–	–	–	–	–	–	–	–	–	1	–	–	–
All other	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
(Page 2 of 10)
[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Person injured, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
All motor vehicle accidents (E810-E825)	2,710	2,135	1,782	1,640	1,725	1,730	1,620	1,666	1,251	687	213	39	4	45
Male	1,917	1,487	1,202	1,075	1,088	1,007	910	871	673	400	123	20	–	42
Female	793	648	580	565	637	723	710	795	578	287	90	19	4	3
White	2,234	1,755	1,473	1,368	1,470	1,489	1,457	1,529	1,139	642	196	36	4	40
Male	1,570	1,220	976	903	916	864	811	792	603	363	114	19	–	38
Female	664	535	497	465	554	625	646	737	536	279	82	17	4	2
All other	476	380	309	272	255	241	163	137	112	45	17	3	–	5
Male	347	267	226	172	172	143	99	79	70	37	9	1	–	4
Female	129	113	83	100	83	98	64	58	42	8	8	2	–	1
Black	363	298	239	208	215	192	133	106	81	33	11	2	–	5
Male	271	218	183	135	150	120	84	63	50	28	4	–	–	4
Female	92	80	56	73	65	72	49	43	31	5	7	2	–	1
Driver of motor vehicle other than motorcycle (.0)	1,292	1,006	818	735	757	763	654	621	450	223	55	4	–	3
Male	928	729	586	513	523	512	428	398	294	166	43	4	–	3
Female	364	277	232	222	234	251	226	223	156	57	12	–	–	–
White	1,095	852	701	644	670	673	602	583	417	212	54	4	–	2
Male	773	612	495	450	461	447	387	372	269	156	42	4	–	2
Female	322	240	206	194	209	226	215	211	148	56	12	–	–	–
All other	197	154	117	91	87	90	52	38	33	11	1	–	–	1
Male	155	117	91	63	62	65	41	26	25	10	1	–	–	1
Female	42	37	26	28	25	25	11	12	8	1	–	–	–	–
Black	151	123	89	69	76	79	46	35	25	9	1	–	–	1
Male	120	94	70	49	55	57	36	24	20	8	1	–	–	1
Female	31	29	19	20	21	22	10	11	5	1	–	–	–	–
Passenger in motor vehicle other than motorcycle (.1)	324	299	238	239	256	286	287	325	228	148	60	13	2	9
Male	154	141	93	86	70	65	79	88	70	44	23	–	–	8
Female	170	158	145	153	186	221	208	237	158	104	37	13	2	1
White	250	239	195	182	216	244	254	297	210	143	56	12	2	8
Male	121	112	74	63	56	54	69	77	63	40	22	–	–	7
Female	129	127	121	119	160	190	185	220	147	103	34	12	2	1
All other	74	60	43	57	40	42	33	28	18	5	4	1	–	1
Male	33	29	19	23	14	11	10	11	7	4	1	–	–	1
Female	41	31	24	34	26	31	23	17	11	1	3	1	–	–
Black	45	37	36	38	28	29	26	18	13	5	2	1	–	1
Male	20	21	17	15	11	6	9	7	3	4	–	–	–	1
Female	25	16	19	23	17	23	17	11	10	1	2	1	–	–
Motorcyclist (.2)	138	82	43	44	22	23	11	12	2	1	1	–	–	–
Male	135	81	40	42	19	22	11	11	2	1	1	–	–	–
Female	3	1	3	2	3	1	–	1	–	–	–	–	–	–
White	126	76	39	43	22	21	11	12	1	1	1	–	–	–
Male	123	75	36	41	19	20	11	11	1	1	1	–	–	–
Female	3	1	3	2	3	1	–	1	–	–	–	–	–	–
All other	12	6	4	1	–	2	–	–	1	–	–	–	–	–
Male	12	6	4	1	–	2	–	–	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	10	6	4	–	–	2	–	–	1	–	–	–	–	–
Male	10	6	4	–	–	2	–	–	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Passenger on motorcycle (.3)	5	6	5	2	3	–	–	–	–	–	–	–	–	–
Male	1	1	2	–	2	–	–	–	–	–	–	–	–	–
Female	4	5	3	2	1	–	–	–	–	–	–	–	–	–
White	5	6	3	2	3	–	–	–	–	–	–	–	–	–
Male	1	1	–	–	2	–	–	–	–	–	–	–	–	–
Female	4	5	3	2	1	–	–	–	–	–	–	–	–	–
All other	–	–	2	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	2	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	1	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	1	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Occupant of streetcar (.4)	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rider of animal; occupant of animal-drawn vehicle (.5)	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Person injured, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Pedal cyclist (.6)	824	-	1	-	7	9	17	97	138	115	58	91	56	57
Male	718	-	1	-	4	7	12	77	122	106	52	78	51	50
Female	106	-	-	-	3	2	5	20	16	9	6	13	5	7
White	666	-	-	-	6	8	14	72	113	97	52	67	42	49
Male	578	-	-	-	3	7	10	55	98	92	46	59	38	42
Female	88	-	-	-	3	1	4	17	15	5	6	8	4	7
All other	158	-	1	-	1	1	3	25	25	18	6	24	14	8
Male	140	-	1	-	1	-	2	22	24	14	6	19	13	8
Female	18	-	-	-	-	1	1	3	1	4	-	5	1	-
Black	136	-	1	-	1	1	3	22	24	13	5	19	12	7
Male	122	-	1	-	1	-	2	20	23	11	5	15	11	7
Female	14	-	-	-	-	1	1	2	1	2	-	4	1	-
Pedestrian (.7)	7,205	18	132	116	97	93	456	406	240	339	506	587	602	569
Male	4,987	9	77	70	66	65	287	278	162	244	402	456	464	429
Female	2,218	9	55	46	31	28	169	128	78	95	104	131	138	140
White	5,514	10	97	86	64	53	310	282	184	267	404	421	430	401
Male	3,771	5	56	53	43	35	192	197	119	191	322	332	333	302
Female	1,743	5	41	33	21	18	118	85	65	76	82	89	97	99
All other	1,691	8	35	30	33	40	146	124	56	72	102	166	172	168
Male	1,216	4	21	17	23	30	95	81	43	53	80	124	131	127
Female	475	4	14	13	10	10	51	43	13	19	22	42	41	41
Black	1,362	8	25	22	26	31	112	104	48	53	83	136	145	144
Male	1,000	4	17	12	20	22	75	66	37	39	66	104	110	111
Female	362	4	8	10	6	9	37	38	11	14	17	32	35	33
Other specified person (.8)	49	1	2	-	-	2	5	1	5	7	8	1	5	4
Male	38	1	1	-	-	2	4	1	4	5	8	-	3	3
Female	11	-	1	-	-	-	1	-	1	2	-	1	2	1
White	42	1	-	-	-	1	2	1	4	7	7	1	5	4
Male	33	1	-	-	-	1	2	1	3	5	7	-	3	3
Female	9	-	-	-	-	-	-	-	1	2	-	1	2	1
All other	7	-	2	-	-	1	3	-	1	-	1	-	-	-
Male	5	-	1	-	-	1	2	-	1	-	1	-	-	-
Female	2	-	1	-	-	-	1	-	-	-	-	-	-	-
Black	3	-	-	-	-	-	-	-	1	-	-	-	-	-
Male	2	-	-	-	-	-	-	-	1	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified person (.9)	8,108	21	14	13	19	21	88	72	137	1,081	1,206	1,037	834	611
Male	5,677	11	7	9	5	10	42	40	85	738	950	794	629	450
Female	2,431	10	7	4	14	11	46	32	52	343	256	243	205	161
White	6,977	17	9	10	15	16	67	62	116	963	1,033	871	689	521
Male	4,877	9	6	6	3	9	33	35	73	660	818	667	522	383
Female	2,100	8	3	4	12	7	34	27	43	303	215	204	167	138
All other	1,131	4	5	3	4	5	21	10	21	118	173	166	145	90
Male	800	2	1	3	2	1	9	5	12	78	132	127	107	67
Female	331	2	4	-	2	4	12	5	9	40	41	39	38	23
Black	888	3	5	2	2	5	17	7	14	87	125	129	121	79
Male	637	1	1	2	2	1	7	4	10	61	97	95	89	58
Female	251	2	4	-	-	4	10	3	4	26	28	34	32	21
Motor vehicle traffic accidents (E810-E819)	45,827	190	184	199	197	203	973	932	1,043	5,846	6,590	5,512	4,502	3,548
Male	31,647	97	87	117	109	117	527	568	628	4,115	5,103	4,166	3,388	2,605
Female	14,180	93	97	82	88	86	446	364	415	1,731	1,487	1,346	1,114	943
White	38,770	145	123	146	143	143	700	702	849	5,120	5,653	4,600	3,725	2,923
Male	26,609	75	59	85	76	79	374	416	503	3,584	4,365	3,478	2,799	2,142
Female	12,161	70	64	61	67	64	326	286	346	1,536	1,288	1,122	926	781
All other	7,057	45	61	53	54	60	273	230	194	726	937	912	777	625
Male	5,038	22	28	32	33	38	153	152	125	531	738	688	589	463
Female	2,019	23	33	21	21	22	120	78	69	195	199	224	188	162
Black	5,482	38	52	42	39	50	221	182	153	521	704	703	629	507
Male	3,989	17	24	24	25	29	119	120	104	391	568	529	482	385
Female	1,493	21	28	18	14	21	102	62	49	130	136	174	147	122
Driver of motor vehicle other than motorcycle (.0)	18,630	3	-	-	-	-	3	4	55	2,210	2,871	2,485	2,072	1,622
Male	13,576	3	-	-	-	-	3	2	36	1,619	2,208	1,862	1,575	1,201
Female	5,054	-	-	-	-	-	-	2	19	591	663	623	497	421
White	16,267	3	-	-	-	-	3	3	51	1,997	2,517	2,119	1,747	1,388
Male	11,742	3	-	-	-	-	3	2	34	1,451	1,917	1,577	1,318	1,021
Female	4,525	-	-	-	-	-	-	1	17	546	600	542	429	367
All other	2,363	-	-	-	-	-	-	1	4	213	354	366	325	234
Male	1,834	-	-	-	-	-	-	-	2	168	291	285	257	180
Female	529	-	-	-	-	-	-	1	2	45	63	81	68	54
Black	1,826	-	-	-	-	-	-	1	4	148	252	277	258	186
Male	1,431	-	-	-	-	-	-	-	2	119	211	214	207	147
Female	395	-	-	-	-	-	-	1	2	29	41	63	51	39
Passenger in motor vehicle other than motorcycle (.1)	9,095	151	100	107	88	94	540	373	458	1,776	1,354	836	603	448
Male	4,764	75	41	57	45	48	266	185	206	1,107	926	547	368	240
Female	4,331	76	59	50	43	46	274	188	252	669	428	289	235	208
White	7,537	117	68	80	67	77	409	300	373	1,495	1,129	678	505	347
Male	3,883	59	29	42	33	38	201	140	165	912	773	445	309	182
Female	3,654	58	39	38	34	39	208	160	208	583	356	233	196	165
All other	1,558	34	32	27	21	17	131	73	85	281	225	158	98	101
Male	881	16	12	15	12	10	65	45	41	195	153	102	59	58
Female	677	18	20	12	9	7	66	28	44	86	72	56	39	43
Black	1,138	28	29	23	15	15	110	51	60	199	173	114	76	76
Male	655	12	10	12	7	8	49	31	29	141	122	74	47	48
Female	483	16	19	11	8	7	61	20	31	58	51	40	29	28

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Person injured, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Pedal cyclist (.6)	39	31	19	18	24	21	15	13	9	3	2	–	–	1
Male	31	26	17	17	21	20	13	11	8	3	2	–	–	1
Female	8	5	2	1	3	1	2	2	1	–	–	–	–	–
White	32	27	13	15	16	18	14	13	6	3	2	–	–	1
Male	25	22	11	14	14	17	12	11	6	3	2	–	–	1
Female	7	5	2	1	2	1	2	2	–	–	–	–	–	–
All other	7	4	6	3	8	3	1	–	3	–	–	–	–	–
Male	6	4	6	3	7	3	1	–	2	–	–	–	–	–
Female	1	–	–	–	1	–	–	–	1	–	–	–	–	–
Black	7	3	6	3	8	1	–	–	3	–	–	–	–	–
Male	6	3	6	3	7	1	–	–	2	–	–	–	–	–
Female	1	–	–	–	1	–	–	–	1	–	–	–	–	–
Pedestrian (.7)	426	339	323	322	351	339	359	400	331	197	67	15	1	30
Male	317	261	241	225	244	208	207	205	164	119	36	10	–	28
Female	109	78	82	97	107	131	152	195	167	78	31	5	1	2
White	308	250	245	246	276	276	301	353	287	174	58	13	1	27
Male	228	191	179	173	186	170	172	178	138	102	31	9	–	26
Female	80	59	66	73	90	106	129	175	149	72	27	4	1	1
All other	118	89	78	76	75	63	58	47	44	23	9	2	–	3
Male	89	70	62	52	58	38	35	27	26	17	5	1	–	2
Female	29	19	16	24	17	25	23	20	18	6	4	1	–	1
Black	97	76	59	64	66	49	44	31	28	14	5	1	–	3
Male	73	60	52	45	51	34	29	18	16	11	1	–	–	2
Female	24	16	7	19	15	15	15	13	12	3	4	1	–	1
Other specified person (.8)	3	2	2	1	–	1	1	–	2	1	–	–	–	–
Male	2	1	2	1	–	1	1	–	1	1	–	–	–	–
Female	1	1	–	–	–	–	–	–	1	–	–	–	–	–
White	2	1	2	1	–	1	1	–	2	1	–	–	–	–
Male	1	1	2	1	–	1	1	–	1	1	–	–	–	–
Female	1	–	–	–	–	–	–	–	1	–	–	–	–	–
All other	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Black	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Unspecified person (.9)	483	370	334	279	311	296	293	295	229	114	28	7	1	2
Male	349	247	221	191	208	178	171	158	134	66	18	6	–	2
Female	134	123	113	88	103	118	122	137	95	48	10	1	1	–
White	416	304	275	235	266	255	274	271	216	108	25	7	1	2
Male	298	206	179	161	177	154	159	143	125	60	16	6	–	2
Female	118	98	96	74	89	101	115	128	91	48	9	1	1	–
All other	67	66	59	44	45	41	19	24	13	6	3	–	–	–
Male	51	41	42	30	31	24	12	15	9	6	2	–	–	–
Female	16	25	17	14	14	17	7	9	4	–	1	–	–	–
Black	52	52	44	34	37	32	17	22	11	5	3	–	–	–
Male	41	34	33	23	26	20	10	14	8	5	2	–	–	–
Female	11	18	11	11	11	12	7	8	3	–	1	–	–	–
Motor vehicle traffic accidents (E810-E819)	2,650	2,100	1,743	1,605	1,694	1,695	1,582	1,631	1,227	663	204	38	4	45
Male	1,863	1,457	1,172	1,045	1,065	977	883	856	662	386	119	20	–	42
Female	787	643	571	560	629	718	699	775	565	277	85	18	4	3
White	2,185	1,725	1,437	1,338	1,440	1,454	1,420	1,497	1,117	619	187	35	4	40
Male	1,526	1,194	949	877	894	834	784	779	594	350	110	19	–	38
Female	659	531	488	461	546	620	636	718	523	269	77	16	4	2
All other	465	375	306	267	254	241	162	134	110	44	17	3	–	5
Male	337	263	223	168	171	143	99	77	68	36	9	1	–	4
Female	128	112	83	99	83	98	63	57	42	8	8	2	–	1
Black	354	293	237	203	215	192	132	105	81	32	11	2	–	5
Male	263	214	181	131	150	120	84	63	50	27	4	–	–	4
Female	91	79	56	72	65	72	48	42	31	5	7	2	–	1
Driver of motor vehicle other than motorcycle (.0)	1,278	1,000	811	728	752	757	648	615	443	216	53	4	–	3
Male	916	724	580	506	518	507	423	394	291	162	42	4	–	3
Female	362	276	231	222	234	250	225	221	152	54	11	–	–	–
White	1,084	846	695	637	665	667	596	578	410	206	52	4	–	2
Male	764	607	490	443	456	442	382	369	266	153	41	4	–	2
Female	320	239	205	194	209	225	214	209	144	53	11	–	–	–
All other	194	154	116	91	87	90	52	37	33	10	1	–	–	1
Male	152	117	90	63	62	65	41	25	25	9	1	–	–	1
Female	42	37	26	28	25	25	11	12	8	1	–	–	–	–
Black	149	123	88	69	76	79	46	35	25	8	1	–	–	1
Male	118	94	69	49	55	57	36	24	20	7	1	–	–	1
Female	31	29	19	20	21	22	10	11	5	1	–	–	–	–
Passenger in motor vehicle other than motorcycle (.1)	323	298	237	238	256	286	286	324	228	148	59	13	2	9
Male	153	141	93	86	70	65	78	88	70	44	23	–	–	8
Female	170	157	144	152	186	221	208	236	158	104	36	13	2	1
White	249	238	194	181	216	244	253	296	210	143	55	12	2	8
Male	120	112	74	63	56	54	68	77	63	40	22	–	–	7
Female	129	126	120	118	160	190	185	219	147	103	33	12	2	1
All other	74	60	43	57	40	42	33	28	18	5	4	1	–	1
Male	33	29	19	23	14	11	10	11	7	4	1	–	–	1
Female	41	31	24	34	26	31	23	17	11	1	3	1	–	–
Black	45	37	36	38	28	29	26	18	13	5	2	1	–	1
Male	20	21	17	15	11	6	9	7	3	4	–	–	–	1
Female	25	16	19	23	17	23	17	11	10	1	2	1	–	–

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Person injured, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Motorcyclist (.2)	2,340	–	–	1	–	–	1	2	27	294	567	477	341	258
Male	2,280	–	–	–	–	–	–	1	26	288	559	463	328	255
Female	60	–	–	1	–	–	1	1	1	6	8	14	13	3
White	2,128	–	–	1	–	–	1	2	25	271	495	439	315	233
Male	2,069	–	–	–	–	–	–	1	24	265	487	425	302	231
Female	59	–	–	1	–	–	1	1	1	6	8	14	13	2
All other	212	–	–	–	–	–	–	–	2	23	72	38	26	25
Male	211	–	–	–	–	–	–	–	2	23	72	38	26	24
Female	1	–	–	–	–	–	–	–	–	–	–	–	–	1
Black	180	–	–	–	–	–	–	–	2	19	64	33	22	17
Male	179	–	–	–	–	–	–	–	2	19	64	33	22	16
Female	1	–	–	–	–	–	–	–	–	–	–	–	–	1
Passenger on motorcycle (.3)	260	–	–	–	–	–	–	5	8	53	73	50	29	21
Male	119	–	–	–	–	–	–	4	7	29	43	14	7	9
Female	141	–	–	–	–	–	–	1	1	24	30	36	22	12
White	241	–	–	–	–	–	–	4	7	51	64	49	27	20
Male	106	–	–	–	–	–	–	3	6	28	36	14	7	8
Female	135	–	–	–	–	–	–	1	1	23	28	35	20	12
All other	19	–	–	–	–	–	–	1	1	2	9	1	2	1
Male	13	–	–	–	–	–	–	1	1	1	7	–	–	1
Female	6	–	–	–	–	–	–	–	–	1	2	1	2	–
Black	10	–	–	–	–	–	–	1	1	2	4	1	–	–
Male	8	–	–	–	–	–	–	1	1	1	4	–	–	–
Female	2	–	–	–	–	–	–	–	–	1	–	1	–	–
Occupant of streetcar (.4)	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rider of animal; occupant of animal-drawn vehicle (.5)	5	–	–	–	–	–	–	–	–	1	2	–	2	–
Male	4	–	–	–	–	–	–	–	–	1	1	–	2	–
Female	1	–	–	–	–	–	–	–	–	–	1	–	–	–
White	4	–	–	–	–	–	–	–	–	1	1	–	2	–
Male	3	–	–	–	–	–	–	–	–	1	–	–	2	–
Female	1	–	–	–	–	–	–	–	–	–	1	–	–	–
All other	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pedal cyclist (.6)	814	–	1	–	6	9	16	95	137	114	56	90	56	57
Male	710	–	1	–	4	7	12	75	121	105	51	77	51	50
Female	104	–	–	–	2	2	4	20	16	9	5	13	5	7
White	657	–	–	–	5	8	13	71	112	96	50	66	42	49
Male	571	–	–	–	3	7	10	54	97	91	45	58	38	42
Female	86	–	–	–	2	1	3	17	15	5	5	8	4	7
All other	157	–	1	–	1	1	3	24	25	18	6	24	14	8
Male	139	–	1	–	1	–	2	21	24	14	6	19	13	8
Female	18	–	–	–	–	1	1	3	1	4	–	5	1	–
Black	135	–	1	–	1	1	3	21	24	13	5	19	12	7
Male	121	–	1	–	1	–	2	19	23	11	5	15	11	7
Female	14	–	–	–	–	1	1	2	1	2	–	4	1	–
Pedestrian (.7)	6,804	15	68	80	85	79	327	387	238	337	479	571	586	542
Male	4,712	7	38	52	56	52	205	266	160	243	382	441	449	411
Female	2,092	8	30	28	29	27	122	121	78	94	97	130	137	131
White	5,168	7	47	57	56	43	210	266	182	265	381	409	417	375
Male	3,535	3	25	38	37	26	129	186	117	190	305	321	321	285
Female	1,633	4	22	19	19	17	81	80	65	75	76	88	96	90
All other	1,636	8	21	23	29	36	117	121	56	72	98	162	169	167
Male	1,177	4	13	14	19	26	76	80	43	53	77	120	128	126
Female	459	4	8	9	10	10	41	41	13	19	21	42	41	41
Black	1,323	8	17	17	22	29	93	101	48	53	81	132	142	143
Male	973	4	12	10	16	20	62	65	37	39	65	100	107	110
Female	350	4	5	7	6	9	31	36	11	14	16	32	35	33
Other specified person (.8)	31	1	2	–	–	2	5	1	4	5	3	1	5	1
Male	24	1	1	–	–	2	4	1	3	5	3	–	3	1
Female	7	–	1	–	–	–	1	–	1	–	–	1	2	–
White	27	1	–	–	–	1	2	1	3	5	3	1	5	1
Male	21	1	–	–	–	1	2	1	2	5	3	–	3	1
Female	6	–	–	–	–	–	–	–	1	–	–	1	2	–
All other	4	–	2	–	–	1	3	–	1	–	–	–	–	–
Male	3	–	1	–	–	1	2	–	1	–	–	–	–	–
Female	1	–	1	–	–	–	1	–	–	–	–	–	–	–
Black	1	–	–	–	–	–	–	–	1	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Person injured, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Motorcyclist (.2)	136	81	42	44	22	22	11	12	2	–	1	–	–	–
Male	133	80	40	42	19	21	11	11	2	–	1	–	–	–
Female	3	1	2	2	3	1	–	1	–	–	–	–	–	–
White	124	75	38	43	22	20	11	12	1	–	1	–	–	–
Male	121	74	36	41	19	19	11	11	1	–	1	–	–	–
Female	3	1	2	2	3	1	–	1	–	–	–	–	–	–
All other	12	6	4	1	–	2	–	–	1	–	–	–	–	–
Male	12	6	4	1	–	2	–	–	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	10	6	4	–	–	2	–	–	1	–	–	–	–	–
Male	10	6	4	–	–	2	–	–	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Passenger on motorcycle (.3)	5	6	5	2	3	–	–	–	–	–	–	–	–	–
Male	1	1	2	–	2	–	–	–	–	–	–	–	–	–
Female	4	5	3	2	1	–	–	–	–	–	–	–	–	–
White	5	6	3	2	3	–	–	–	–	–	–	–	–	–
Male	1	1	–	–	2	–	–	–	–	–	–	–	–	–
Female	4	5	3	2	1	–	–	–	–	–	–	–	–	–
All other	–	–	2	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	2	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	1	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	1	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Occupant of streetcar (.4)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rider of animal; occupant of animal-drawn vehicle (.5)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pedal cyclist (.6)	39	30	18	18	24	21	15	13	9	3	2	–	–	1
Male	31	25	16	17	21	20	13	11	8	3	2	–	–	1
Female	8	5	2	1	3	1	2	2	1	–	–	–	–	–
White	32	26	12	15	16	18	14	13	6	3	2	–	–	1
Male	25	21	10	14	14	17	12	11	6	3	2	–	–	1
Female	7	5	2	1	2	1	2	2	–	–	–	–	–	–
All other	7	4	6	3	8	3	1	–	3	–	–	–	–	–
Male	6	4	6	3	7	3	1	–	2	–	–	–	–	–
Female	1	–	–	–	1	–	–	–	1	–	–	–	–	–
Black	7	3	6	3	8	1	–	–	3	–	–	–	–	–
Male	6	3	6	3	7	1	–	–	2	–	–	–	–	–
Female	1	–	–	–	1	–	–	–	1	–	–	–	–	–
Pedestrian (.7)	410	326	308	307	333	322	338	375	322	188	63	14	1	30
Male	303	249	230	214	232	195	192	195	160	113	34	10	–	28
Female	107	77	78	93	101	127	146	180	162	75	29	4	1	2
White	293	239	231	233	258	259	281	330	280	165	54	12	1	27
Male	215	181	169	163	174	157	157	169	136	96	29	9	–	26
Female	78	58	62	70	84	102	124	161	144	69	25	3	1	1
All other	117	87	77	74	75	63	57	45	42	23	9	2	–	3
Male	88	68	61	51	58	38	35	26	24	17	5	1	–	2
Female	29	19	16	23	17	25	22	19	18	6	4	1	–	1
Black	97	74	58	62	66	49	43	30	28	14	5	1	–	3
Male	73	58	51	44	51	34	29	18	16	11	1	–	–	2
Female	24	16	7	18	15	15	14	12	12	3	4	1	–	1
Other specified person (.8)	2	1	1	1	–	–	–	–	1	–	–	–	–	–
Male	1	1	1	1	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	1	–	–	–	–	–
White	2	1	1	1	–	–	–	–	1	–	–	–	–	–
Male	1	1	1	1	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	1	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.

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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Person injured, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Unspecified person (.9)	7,847	20	13	11	18	19	81	65	116	1,056	1,184	1,002	808	599
Male	5,457	11	6	8	4	8	37	34	69	718	929	762	605	438
Female	2,390	9	7	3	14	11	44	31	47	338	255	240	203	161
White	6,740	17	8	8	15	14	62	55	96	939	1,012	839	665	510
Male	4,678	9	5	5	3	7	29	29	58	641	798	638	499	372
Female	2,062	8	3	3	12	7	33	26	38	298	214	201	166	138
All other	1,107	3	5	3	3	5	19	10	20	117	172	163	143	89
Male	779	2	1	3	1	1	8	5	11	77	131	124	106	66
Female	328	1	4	–	2	4	11	5	9	40	41	39	37	23
Black	868	2	5	2	1	5	15	7	13	87	124	127	119	78
Male	620	1	1	2	1	1	6	4	9	61	96	93	88	57
Female	248	1	4	–	–	4	9	3	4	26	28	34	31	21
Motor vehicle nontraffic accidents (E820-E825)	987	5	65	42	19	19	150	38	46	72	99	94	62	60
Male	759	3	40	22	13	18	96	27	37	57	86	88	54	46
Female	228	2	25	20	6	1	54	11	9	15	13	6	8	14
White	881	3	51	34	13	15	116	34	44	67	92	86	52	56
Male	679	2	32	18	8	14	74	25	36	53	80	80	47	43
Female	202	1	19	16	5	1	42	9	8	14	12	6	5	13
All other	106	2	14	8	6	4	34	4	2	5	7	8	10	4
Male	80	1	8	4	5	4	22	2	1	4	6	8	7	3
Female	26	1	6	4	1	–	12	2	1	1	1	–	3	1
Black	78	2	8	6	6	2	24	4	2	3	3	7	8	3
Male	57	1	5	3	5	2	16	2	1	2	2	7	6	2
Female	21	1	3	3	1	–	8	2	1	1	1	–	2	1
Driver of motor vehicle other than motorcycle (.0)	187	–	–	–	–	–	–	3	16	19	20	33	13	10
Male	160	–	–	–	–	–	–	2	14	17	20	32	9	9
Female	27	–	–	–	–	–	–	1	2	2	–	1	4	1
White	171	–	–	–	–	–	–	3	16	17	19	32	9	8
Male	147	–	–	–	–	–	–	2	14	15	19	31	7	8
Female	24	–	–	–	–	–	–	1	2	2	–	1	2	–
All other	16	–	–	–	–	–	–	–	–	2	1	1	4	2
Male	13	–	–	–	–	–	–	–	–	2	1	1	2	1
Female	3	–	–	–	–	–	–	–	–	–	–	–	2	1
Black	9	–	–	–	–	–	–	–	–	1	–	1	2	1
Male	7	–	–	–	–	–	–	–	–	1	–	1	1	–
Female	2	–	–	–	–	–	–	–	–	–	–	–	1	1
Passenger in motor vehicle other than motorcycle (.1)	65	1	–	4	5	3	13	7	4	14	12	2	3	3
Male	40	1	–	3	2	3	9	5	2	9	9	1	2	1
Female	25	–	–	1	3	–	4	2	2	5	3	1	1	2
White	60	–	–	3	4	3	10	7	3	13	12	2	3	3
Male	38	–	–	2	2	3	7	5	2	9	9	1	2	1
Female	22	–	–	1	2	–	3	2	1	4	3	1	1	2
All other	5	1	–	1	1	–	3	–	1	1	–	–	–	–
Male	2	1	–	1	–	–	2	–	–	–	–	–	–	–
Female	3	–	–	–	1	–	1	–	1	1	–	–	–	–
Black	5	1	–	1	1	–	3	–	1	1	–	–	–	–
Male	2	1	–	1	–	–	2	–	–	–	–	–	–	–
Female	3	–	–	–	1	–	1	–	1	1	–	–	–	–
Motorcyclist (.2)	42	–	–	–	–	–	–	–	1	9	10	7	4	5
Male	40	–	–	–	–	–	–	–	1	9	10	7	4	4
Female	2	–	–	–	–	–	–	–	–	–	–	–	–	1
White	40	–	–	–	–	–	–	–	1	8	10	7	3	5
Male	38	–	–	–	–	–	–	–	1	8	10	7	3	4
Female	2	–	–	–	–	–	–	–	–	–	–	–	–	1
All other	2	–	–	–	–	–	–	–	–	1	–	–	1	–
Male	2	–	–	–	–	–	–	–	–	1	–	–	1	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	2	–	–	–	–	–	–	–	–	1	–	–	1	–
Male	2	–	–	–	–	–	–	–	–	1	–	–	1	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Passenger on motorcycle (.3)	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	1	–	–	–
White	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	1	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Occupant of streetcar (.4)	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Person injured, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Unspecified person (.9)	457	358	321	267	304	287	284	292	222	108	26	7	1	2
Male	325	236	210	179	203	169	166	157	131	64	17	6	–	2
Female	132	122	111	88	101	118	118	135	91	44	9	1	1	–
White	396	294	263	226	260	246	265	268	209	102	23	7	1	2
Male	279	197	169	152	173	145	154	142	122	58	15	6	–	2
Female	117	97	94	74	87	101	111	126	87	44	8	1	1	–
All other	61	64	58	41	44	41	19	24	13	6	3	–	–	–
Male	46	39	41	27	30	24	12	15	9	6	2	–	–	–
Female	15	25	17	14	14	17	7	9	4	–	1	–	–	–
Black	46	50	44	31	37	32	17	22	11	5	3	–	–	–
Male	36	32	33	20	26	20	10	14	8	5	2	–	–	–
Female	10	18	11	11	11	12	7	8	3	–	1	–	–	–
Motor vehicle nontraffic accidents (E820-E825)	60	35	39	35	31	35	38	35	24	24	9	1	–	–
Male	54	30	30	30	23	30	27	15	11	14	4	–	–	–
Female	6	5	9	5	8	5	11	20	13	10	5	1	–	–
White	49	30	36	30	30	35	37	32	22	23	9	1	–	–
Male	44	26	27	26	22	30	27	13	9	13	4	–	–	–
Female	5	4	9	4	8	5	10	19	13	10	5	1	–	–
All other	11	5	3	5	1	–	1	3	2	1	–	–	–	–
Male	10	4	3	4	1	–	–	2	2	1	–	–	–	–
Female	1	1	–	1	–	–	1	1	–	–	–	–	–	–
Black	9	5	2	5	–	–	1	1	–	1	–	–	–	–
Male	8	4	2	4	–	–	–	–	–	1	–	–	–	–
Female	1	1	–	1	–	–	1	1	–	–	–	–	–	–
Driver of motor vehicle other than motorcycle (.0)	14	6	7	7	5	6	6	6	7	7	2	–	–	–
Male	12	5	6	7	5	5	5	4	3	4	1	–	–	–
Female	2	1	1	–	–	1	1	2	4	3	1	–	–	–
White	11	6	6	7	5	6	6	5	7	6	2	–	–	–
Male	9	5	5	7	5	5	5	3	3	3	1	–	–	–
Female	2	1	1	–	–	1	1	2	4	3	1	–	–	–
All other	3	–	1	–	–	–	–	1	–	1	–	–	–	–
Male	3	–	1	–	–	–	–	1	–	1	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	2	–	1	–	–	–	–	–	–	1	–	–	–	–
Male	2	–	1	–	–	–	–	–	–	1	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Passenger in motor vehicle other than motorcycle (.1)	1	1	1	1	–	–	1	1	–	–	1	–	–	–
Male	1	–	–	–	–	–	1	–	–	–	–	–	–	–
Female	–	1	1	1	–	–	–	1	–	–	1	–	–	–
White	1	1	1	1	–	–	1	1	–	–	1	–	–	–
Male	1	–	–	–	–	–	1	–	–	–	–	–	–	–
Female	–	1	1	1	–	–	–	1	–	–	1	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Motorcyclist (.2)	2	1	1	–	–	1	–	–	–	1	–	–	–	–
Male	2	1	–	–	–	1	–	–	–	1	–	–	–	–
Female	–	–	1	–	–	–	–	–	–	–	–	–	–	–
White	2	1	1	–	–	1	–	–	–	1	–	–	–	–
Male	2	1	–	–	–	1	–	–	–	1	–	–	–	–
Female	–	–	1	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Passenger on motorcycle (.3)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Occupant of streetcar (.4)	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Person injured, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Rider of animal; occupant of animal-drawn vehicle (.5)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pedal cyclist (.6)	10	-	-	-	1	-	1	2	1	1	2	1	-	-
Male	8	-	-	-	-	-	-	2	1	1	1	1	-	-
Female	2	-	-	-	1	-	1	-	-	-	1	-	-	-
White	9	-	-	-	1	-	1	1	1	1	2	1	-	-
Male	7	-	-	-	-	-	-	1	1	1	1	1	-	-
Female	2	-	-	-	1	-	1	-	-	-	1	-	-	-
All other	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Male	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Male	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pedestrian (.7)	401	3	64	36	12	14	129	19	2	2	27	16	16	27
Male	275	2	39	18	10	13	82	12	2	1	20	15	15	18
Female	126	1	25	18	2	1	47	7	-	1	7	1	1	9
White	346	3	50	29	8	10	100	16	2	2	23	12	13	26
Male	236	2	31	15	6	9	63	11	2	1	17	11	12	17
Female	110	1	19	14	2	1	37	5	-	1	6	1	1	9
All other	55	-	14	7	4	4	29	3	-	-	4	4	3	1
Male	39	-	8	3	4	4	19	1	-	-	3	4	3	1
Female	16	-	6	4	-	-	10	2	-	-	1	-	-	-
Black	39	-	8	5	4	2	19	3	-	-	2	4	3	1
Male	27	-	5	2	4	2	13	1	-	-	1	4	3	1
Female	12	-	3	3	-	-	6	2	-	-	1	-	-	-
Other specified person (.8)	18	-	-	-	-	-	-	-	1	2	5	-	-	3
Male	14	-	-	-	-	-	-	-	1	-	5	-	-	2
Female	4	-	-	-	-	-	-	-	-	2	-	-	-	1
White	15	-	-	-	-	-	-	-	1	2	4	-	-	3
Male	12	-	-	-	-	-	-	-	1	-	4	-	-	2
Female	3	-	-	-	-	-	-	-	-	2	-	-	-	1
All other	3	-	-	-	-	-	-	-	-	-	1	-	-	-
Male	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified person (.9)	261	1	1	2	1	2	7	7	21	25	22	35	26	12
Male	220	-	1	1	1	2	5	6	16	20	21	32	24	12
Female	41	1	-	1	-	-	2	1	5	5	1	3	2	-
White	237	-	1	2	-	2	5	7	20	24	21	32	24	11
Male	199	-	1	1	-	2	4	6	15	19	20	29	23	11
Female	38	-	-	1	-	-	1	1	5	5	1	3	1	-
All other	24	1	-	-	1	-	2	-	1	1	1	3	2	1
Male	21	-	-	-	1	-	1	-	1	1	1	3	1	1
Female	3	1	-	-	-	-	1	-	-	-	-	-	1	-
Black	20	1	-	-	1	-	2	-	1	-	1	2	2	1
Male	17	-	-	-	1	-	1	-	1	-	1	2	1	1
Female	3	1	-	-	-	-	1	-	-	-	-	-	1	-

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Person injured, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Rider of animal; occupant of animal-drawn vehicle (.5)	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pedal cyclist (.6)	–	1	1	–	–	–	–	–	–	–	–	–	–	–
Male	–	1	1	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	–	1	1	–	–	–	–	–	–	–	–	–	–	–
Male	–	1	1	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pedestrian (.7)	16	13	15	15	18	17	21	25	9	9	4	1	–	–
Male	14	12	11	11	12	13	15	10	4	6	2	–	–	–
Female	2	1	4	4	6	4	6	15	5	3	2	1	–	–
White	15	11	14	13	18	17	20	23	7	9	4	1	–	–
Male	13	10	10	10	12	13	15	9	2	6	2	–	–	–
Female	2	1	4	3	6	4	5	14	5	3	2	1	–	–
All other	1	2	1	2	–	–	1	2	2	–	–	–	–	–
Male	1	2	1	1	–	–	–	1	2	–	–	–	–	–
Female	–	–	–	1	–	–	1	1	–	–	–	–	–	–
Black	–	2	1	2	–	–	1	1	–	–	–	–	–	–
Male	–	2	1	1	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	1	–	–	1	1	–	–	–	–	–	–
Other specified person (.8)	1	1	1	–	–	1	1	–	1	1	–	–	–	–
Male	1	–	1	–	–	1	1	–	1	1	–	–	–	–
Female	–	1	–	–	–	–	–	–	–	–	–	–	–	–
White	–	–	1	–	–	1	1	–	1	1	–	–	–	–
Male	–	–	1	–	–	1	1	–	1	1	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Black	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Male	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Unspecified person (.9)	26	12	13	12	7	9	9	3	7	6	2	–	–	–
Male	24	11	11	12	5	9	5	1	3	2	1	–	–	–
Female	2	1	2	–	2	–	4	2	4	4	1	–	–	–
White	20	10	12	9	6	9	9	3	7	6	2	–	–	–
Male	19	9	10	9	4	9	5	1	3	2	1	–	–	–
Female	1	1	2	–	2	–	4	2	4	4	1	–	–	–
All other	6	2	1	3	1	–	–	–	–	–	–	–	–	–
Male	5	2	1	3	1	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	6	2	–	3	–	–	–	–	–	–	–	–	–	–
Male	5	2	–	3	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 5-3. Deaths From Motor Vehicle Accidents, by Person Injured, Race, and Sex: United States and Each State, 1990

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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Area, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
United States	46,814	18,817	9,160	2,382	261	2	6	824	7,205	49	8,108
Male	32,406	13,736	4,804	2,320	119	2	5	718	4,987	38	5,677
Female	14,408	5,081	4,356	62	142	-	1	106	2,218	11	2,431
White	39,651	16,438	7,597	2,168	242	2	5	666	5,514	42	6,977
Male	27,288	11,889	3,921	2,107	106	2	4	578	3,771	33	4,877
Female	12,363	4,549	3,676	61	136	-	1	88	1,743	9	2,100
All other	7,163	2,379	1,563	214	19	-	1	158	1,691	7	1,131
Male	5,118	1,847	883	213	13	-	1	140	1,216	5	800
Female	2,045	532	680	1	6	-	-	18	475	2	331
Black	5,560	1,835	1,143	182	10	-	1	136	1,362	3	888
Male	4,046	1,438	657	181	8	-	1	122	1,000	2	637
Female	1,514	397	486	1	2	-	-	14	362	1	251
Alabama	1,241	461	199	17	1	1	-	16	123	1	422
Male	868	339	111	17	-	1	-	14	93	1	292
Female	373	122	88	-	1	-	-	2	30	-	130
White	966	373	141	12	1	1	-	9	83	-	346
Male	657	270	74	12	-	1	-	7	63	-	230
Female	309	103	67	-	1	-	-	2	20	-	116
All other	275	88	58	5	-	-	-	7	40	1	76
Male	211	69	37	5	-	-	-	7	30	1	62
Female	64	19	21	-	-	-	-	-	10	-	14
Black	268	82	58	4	-	-	-	7	40	1	76
Male	205	64	37	4	-	-	-	7	30	1	62
Female	63	18	21	-	-	-	-	-	10	-	14
Alaska	100	39	12	5	1	-	-	2	8	-	33
Male	77	30	6	5	-	-	-	2	7	-	27
Female	23	9	6	-	1	-	-	-	1	-	6
White	74	30	8	5	1	-	-	1	4	-	25
Male	58	22	5	5	-	-	-	1	4	-	21
Female	16	8	3	-	1	-	-	-	-	-	4
All other	26	9	4	-	-	-	-	1	4	-	8
Male	19	8	1	-	-	-	-	1	3	-	6
Female	7	1	3	-	-	-	-	-	1	-	2
Black	6	4	2	-	-	-	-	-	-	-	-
Male	3	3	-	-	-	-	-	-	-	-	-
Female	3	1	2	-	-	-	-	-	-	-	-
Arizona	893	271	179	51	11	-	-	31	148	-	202
Male	614	183	96	49	6	-	-	26	107	-	147
Female	279	88	83	2	5	-	-	5	41	-	55
White	706	229	138	49	10	-	-	28	106	-	146
Male	480	152	74	47	5	-	-	24	75	-	103
Female	226	77	64	2	5	-	-	4	31	-	43
All other	187	42	41	2	1	-	-	3	42	-	56
Male	134	31	22	2	1	-	-	2	32	-	44
Female	53	11	19	-	-	-	-	1	10	-	12
Black	23	10	10	-	-	-	-	2	1	-	-
Male	14	8	4	-	-	-	-	1	1	-	-
Female	9	2	6	-	-	-	-	1	-	-	-
Arkansas	633	183	97	10	2	-	-	2	69	3	267
Male	421	137	49	10	2	-	-	2	45	1	175
Female	212	46	48	-	-	-	-	-	24	2	92
White	535	158	79	10	2	-	-	-	47	3	236
Male	354	116	37	10	2	-	-	-	31	1	157
Female	181	42	42	-	-	-	-	-	16	2	79
All other	98	25	18	-	-	-	-	2	22	-	31
Male	67	21	12	-	-	-	-	2	14	-	18
Female	31	4	6	-	-	-	-	-	8	-	13
Black	94	23	17	-	-	-	-	2	22	-	30
Male	64	19	11	-	-	-	-	2	14	-	18
Female	30	4	6	-	-	-	-	-	8	-	12
California	5,454	1,968	1,109	459	50	-	1	120	1,056	1	690
Male	3,902	1,464	613	447	20	-	-	113	728	1	516
Female	1,552	504	496	12	30	-	1	7	328	-	174
White	4,669	1,706	934	429	46	-	1	107	861	1	584
Male	3,366	1,255	526	417	17	-	-	101	604	1	445
Female	1,303	451	408	12	29	-	1	6	257	-	139
All other	785	262	175	30	4	-	-	13	195	-	106
Male	536	209	87	30	3	-	-	12	124	-	71
Female	249	53	88	-	1	-	-	1	71	-	35
Black	388	126	62	26	2	-	-	5	120	-	47
Male	285	106	32	26	2	-	-	5	79	-	35
Female	103	20	30	-	-	-	-	-	41	-	12
Colorado	574	280	133	44	11	-	-	10	63	1	32
Male	387	196	71	44	5	-	-	8	40	-	23
Female	187	84	62	-	6	-	-	2	23	1	9
White	543	267	124	42	11	-	-	9	60	1	29
Male	367	187	64	42	5	-	-	8	39	-	22
Female	176	80	60	-	6	-	-	1	21	1	7
All other	31	13	9	2	-	-	-	1	3	-	3
Male	20	9	7	2	-	-	-	-	1	-	1
Female	11	4	2	-	-	-	-	1	2	-	2
Black	21	9	7	2	-	-	-	-	1	-	2
Male	15	6	6	2	-	-	-	-	-	-	1
Female	6	3	1	-	-	-	-	-	1	-	1

Table 5-3. Deaths From Motor Vehicle Accidents, by Person Injured, Race, and Sex: United States and Each State, 1990—Con.
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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Area, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
Connecticut	419	180	71	44	2	-	-	6	76	1	39
Male	297	133	39	44	1	-	-	4	45	1	30
Female	122	47	32	-	1	-	-	2	31	-	9
White	385	172	60	42	1	-	-	5	70	1	34
Male	271	127	32	42	-	-	-	3	40	1	26
Female	114	45	28	-	1	-	-	2	30	-	8
All other	34	8	11	2	1	-	-	1	6	-	5
Male	26	6	7	2	1	-	-	1	5	-	4
Female	8	2	4	-	-	-	-	-	1	-	1
Black	28	4	10	2	1	-	-	1	6	-	4
Male	21	3	6	2	1	-	-	1	5	-	3
Female	7	1	4	-	-	-	-	-	1	-	1
Delaware	142	64	34	8	-	-	-	2	20	-	14
Male	86	46	14	8	-	-	-	2	5	-	11
Female	56	18	20	-	-	-	-	-	15	-	3
White	123	58	26	8	-	-	-	2	16	-	13
Male	75	43	10	8	-	-	-	2	2	-	10
Female	48	15	16	-	-	-	-	-	14	-	3
All other	19	6	8	-	-	-	-	-	4	-	1
Male	11	3	4	-	-	-	-	-	3	-	1
Female	8	3	4	-	-	-	-	-	1	-	-
Black	18	6	8	-	-	-	-	-	3	-	1
Male	10	3	4	-	-	-	-	-	2	-	1
Female	8	3	4	-	-	-	-	-	1	-	-
District of Columbia	71	22	12	4	-	-	-	2	17	-	14
Male	52	20	5	4	-	-	-	2	11	-	10
Female	19	2	7	-	-	-	-	-	6	-	4
White	18	5	4	1	-	-	-	-	4	-	4
Male	14	5	2	1	-	-	-	-	3	-	3
Female	4	-	2	-	-	-	-	-	1	-	1
All other	53	17	8	3	-	-	-	2	13	-	10
Male	38	15	3	3	-	-	-	2	8	-	7
Female	15	2	5	-	-	-	-	-	5	-	3
Black	53	17	8	3	-	-	-	2	13	-	10
Male	38	15	3	3	-	-	-	2	8	-	7
Female	15	2	5	-	-	-	-	-	5	-	3
Florida	2,879	1,144	525	163	18	-	-	125	553	3	348
Male	1,998	837	253	159	8	-	-	114	376	1	250
Female	881	307	272	4	10	-	-	11	177	2	98
White	2,448	1,004	444	150	17	-	-	101	432	2	298
Male	1,677	731	203	146	7	-	-	92	289	1	208
Female	771	273	241	4	10	-	-	9	143	1	90
All other	431	140	81	13	1	-	-	24	121	1	50
Male	321	106	50	13	1	-	-	22	87	-	42
Female	110	34	31	-	-	-	-	2	34	1	8
Black	408	129	76	13	1	-	-	24	117	1	47
Male	307	98	48	13	1	-	-	22	85	-	40
Female	101	31	28	-	-	-	-	2	32	1	7
Georgia	1,650	465	249	44	3	-	-	7	216	-	666
Male	1,105	324	129	43	3	-	-	7	158	-	441
Female	545	141	120	1	-	-	-	-	58	-	225
White	1,238	357	184	34	2	-	-	4	133	-	524
Male	813	240	93	33	2	-	-	4	96	-	345
Female	425	117	91	1	-	-	-	-	37	-	179
All other	412	108	65	10	1	-	-	3	83	-	142
Male	292	84	36	10	1	-	-	3	62	-	96
Female	120	24	29	-	-	-	-	-	21	-	46
Black	392	99	60	10	1	-	-	3	79	-	140
Male	280	77	33	10	1	-	-	3	60	-	96
Female	112	22	27	-	-	-	-	-	19	-	44
Hawaii	179	53	49	16	2	-	-	-	31	4	24
Male	131	41	32	16	-	-	-	-	21	3	18
Female	48	12	17	-	2	-	-	-	10	1	6
White	52	12	14	10	1	-	-	-	6	-	9
Male	42	11	10	10	-	-	-	-	5	-	6
Female	10	1	4	-	1	-	-	-	1	-	3
All other	127	41	35	6	1	-	-	-	25	4	15
Male	89	30	22	6	-	-	-	-	16	3	12
Female	38	11	13	-	1	-	-	-	9	1	3
Black	2	-	1	-	-	-	-	-	-	-	1
Male	2	-	1	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Idaho	250	120	71	15	4	-	-	6	24	-	10
Male	160	81	35	15	2	-	-	5	17	-	5
Female	90	39	36	-	2	-	-	1	7	-	5
White	242	118	69	14	3	-	-	6	23	-	9
Male	154	79	33	14	1	-	-	5	17	-	5
Female	88	39	36	-	2	-	-	1	6	-	4
All other	8	2	2	1	1	-	-	-	1	-	1
Male	6	2	2	1	1	-	-	-	-	-	-
Female	2	-	-	-	-	-	-	-	1	-	1
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-

Table 5-3. Deaths From Motor Vehicle Accidents, by Person Injured, Race, and Sex: United States and Each State, 1990—Con.

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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Area, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
Illinois	1,845	601	293	95	13	–	1	29	328	3	482
Male	1,240	432	131	93	5	–	1	24	213	2	339
Female	605	169	162	2	8	–	–	5	115	1	143
White	1,551	530	234	83	12	–	1	23	240	3	425
Male	1,044	380	108	81	5	–	1	19	148	2	300
Female	507	150	126	2	7	–	–	4	92	1	125
All other	294	71	59	12	1	–	–	6	88	–	57
Male	196	52	23	12	–	–	–	5	65	–	39
Female	98	19	36	–	1	–	–	1	23	–	18
Black	269	67	49	12	1	–	–	5	87	–	48
Male	185	48	19	12	–	–	–	5	65	–	36
Female	84	19	30	–	1	–	–	–	22	–	12
Indiana	1,088	518	214	58	10	–	–	19	132	2	135
Male	723	365	116	57	4	–	–	16	82	1	82
Female	365	153	98	1	6	–	–	3	50	1	53
White	1,019	491	198	57	10	–	–	19	111	2	131
Male	679	349	106	56	4	–	–	16	67	1	80
Female	340	142	92	1	6	–	–	3	44	1	51
All other	69	27	16	1	–	–	–	–	21	–	4
Male	44	16	10	1	–	–	–	–	15	–	2
Female	25	11	6	–	–	–	–	–	6	–	2
Black	63	24	15	1	–	–	–	–	20	–	3
Male	41	14	9	1	–	–	–	–	15	–	2
Female	22	10	6	–	–	–	–	–	5	–	1
Iowa	492	274	100	35	3	–	–	8	47	–	25
Male	351	214	51	34	3	–	–	4	32	–	13
Female	141	60	49	1	–	–	–	4	15	–	12
White	480	273	95	33	3	–	–	7	44	–	25
Male	341	213	47	32	3	–	–	3	30	–	13
Female	139	60	48	1	–	–	–	4	14	–	12
All other	12	1	5	2	–	–	–	1	3	–	–
Male	10	1	4	2	–	–	–	1	2	–	–
Female	2	–	1	–	–	–	–	–	1	–	–
Black	8	–	5	2	–	–	–	–	1	–	–
Male	7	–	4	2	–	–	–	–	1	–	–
Female	1	–	1	–	–	–	–	–	–	–	–
Kansas	475	245	101	31	5	–	–	5	40	1	47
Male	329	182	54	31	2	–	–	3	25	1	31
Female	146	63	47	–	3	–	–	2	15	–	16
White	440	230	92	29	5	–	–	5	36	1	42
Male	302	170	48	29	2	–	–	3	22	1	27
Female	138	60	44	–	3	–	–	2	14	–	15
All other	35	15	9	2	–	–	–	–	4	–	5
Male	27	12	6	2	–	–	–	–	3	–	4
Female	8	3	3	–	–	–	–	–	1	–	1
Black	28	12	6	2	–	–	–	–	4	–	4
Male	22	9	4	2	–	–	–	–	3	–	4
Female	6	3	2	–	–	–	–	–	1	–	–
Kentucky	858	425	193	20	2	–	–	8	76	–	134
Male	583	301	98	20	2	–	–	7	57	–	98
Female	275	124	95	–	–	–	–	1	19	–	36
White	828	414	184	20	2	–	–	6	73	–	129
Male	564	293	93	20	2	–	–	5	55	–	96
Female	264	121	91	–	–	–	–	1	18	–	33
All other	30	11	9	–	–	–	–	2	3	–	5
Male	19	8	5	–	–	–	–	2	2	–	2
Female	11	3	4	–	–	–	–	–	1	–	3
Black	27	10	7	–	–	–	–	2	3	–	5
Male	19	8	5	–	–	–	–	2	2	–	2
Female	8	2	2	–	–	–	–	–	1	–	3
Louisiana	979	217	112	17	1	–	–	23	134	1	474
Male	690	169	62	16	1	–	–	21	96	1	324
Female	289	48	50	1	–	–	–	2	38	–	150
White	686	167	83	12	1	–	–	15	70	1	337
Male	477	130	42	11	1	–	–	14	47	1	231
Female	209	37	41	1	–	–	–	1	23	–	106
All other	293	50	29	5	–	–	–	8	64	–	137
Male	213	39	20	5	–	–	–	7	49	–	93
Female	80	11	9	–	–	–	–	1	15	–	44
Black	277	46	27	5	–	–	–	8	60	–	131
Male	201	36	19	5	–	–	–	7	45	–	89
Female	76	10	8	–	–	–	–	1	15	–	42
Maine	210	94	47	19	3	–	–	1	20	1	25
Male	146	64	27	18	3	–	–	1	14	1	18
Female	64	30	20	1	–	–	–	–	6	–	7
White	206	93	45	19	3	–	–	1	20	1	24
Male	143	63	26	18	3	–	–	1	14	1	17
Female	63	30	19	1	–	–	–	–	6	–	7
All other	4	1	2	–	–	–	–	–	–	–	1
Male	3	1	1	–	–	–	–	–	–	–	1
Female	1	–	1	–	–	–	–	–	–	–	–
Black	1	–	1	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	1	–	–	–	–	–	–	–	–

Table 5-3. Deaths From Motor Vehicle Accidents, by Person Injured, Race, and Sex: United States and Each State, 1990—Con.

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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Area, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
Maryland	702	290	123	36	3	–	–	13	129	2	106
Male	525	223	75	36	2	–	–	13	102	2	72
Female	177	67	48	–	1	–	–	–	27	–	34
White	520	225	91	29	3	–	–	8	79	2	83
Male	380	167	56	29	2	–	–	8	63	2	53
Female	140	58	35	–	1	–	–	–	16	–	30
All other	182	65	32	7	–	–	–	5	50	–	23
Male	145	56	19	7	–	–	–	5	39	–	19
Female	37	9	13	–	–	–	–	–	11	–	4
Black	164	59	30	7	–	–	–	5	43	–	20
Male	132	52	18	7	–	–	–	5	34	–	16
Female	32	7	12	–	–	–	–	–	9	–	4
Massachusetts	680	274	141	47	5	–	–	6	156	1	50
Male	449	191	76	45	3	–	–	4	95	1	34
Female	231	83	65	2	2	–	–	2	61	–	16
White	633	262	126	47	5	–	–	6	139	1	47
Male	419	184	65	45	3	–	–	4	84	1	33
Female	214	78	61	2	2	–	–	2	55	–	14
All other	47	12	15	–	–	–	–	–	17	–	3
Male	30	7	11	–	–	–	–	–	11	–	1
Female	17	5	4	–	–	–	–	–	6	–	2
Black	31	8	10	–	–	–	–	–	10	–	3
Male	20	4	8	–	–	–	–	–	7	–	1
Female	11	4	2	–	–	–	–	–	3	–	2
Michigan	1,687	839	334	78	6	–	–	27	241	1	161
Male	1,141	598	159	77	3	–	–	22	174	–	108
Female	546	241	175	1	3	–	–	5	67	1	53
White	1,468	760	289	73	6	–	–	23	168	1	148
Male	987	539	137	72	3	–	–	19	118	–	99
Female	481	221	152	1	3	–	–	4	50	1	49
All other	219	79	45	5	–	–	–	4	73	–	13
Male	154	59	22	5	–	–	–	3	56	–	9
Female	65	20	23	–	–	–	–	1	17	–	4
Black	184	64	40	4	–	–	–	3	65	–	8
Male	129	48	19	4	–	–	–	3	50	–	5
Female	55	16	21	–	–	–	–	–	15	–	3
Minnesota	660	257	141	38	7	–	1	7	87	–	122
Male	449	183	74	36	3	–	1	6	58	–	88
Female	211	74	67	2	4	–	–	1	29	–	34
White	614	244	127	37	6	–	1	7	74	–	118
Male	420	173	68	35	2	–	1	6	51	–	84
Female	194	71	59	2	4	–	–	1	23	–	34
All other	46	13	14	1	1	–	–	–	13	–	4
Male	29	10	6	1	1	–	–	–	7	–	4
Female	17	3	8	–	–	–	–	–	6	–	–
Black	7	2	1	–	–	–	–	–	4	–	–
Male	3	1	–	–	–	–	–	–	2	–	–
Female	4	1	1	–	–	–	–	–	2	–	–
Mississippi	857	393	158	16	1	–	–	8	80	–	201
Male	592	289	88	15	1	–	–	7	56	–	136
Female	265	104	70	1	–	–	–	1	24	–	65
White	523	267	78	11	1	–	–	3	38	–	125
Male	356	189	42	10	1	–	–	3	25	–	86
Female	167	78	36	1	–	–	–	–	13	–	39
All other	334	126	80	5	–	–	–	5	42	–	76
Male	236	100	46	5	–	–	–	4	31	–	50
Female	98	26	34	–	–	–	–	1	11	–	26
Black	329	124	79	4	–	–	–	5	41	–	76
Male	233	98	46	4	–	–	–	4	31	–	50
Female	96	26	33	–	–	–	–	1	10	–	26
Missouri	1,082	555	284	44	4	–	–	14	113	–	68
Male	752	414	163	41	2	–	–	13	73	–	46
Female	330	141	121	3	2	–	–	1	40	–	22
White	978	523	247	40	4	–	–	11	94	–	59
Male	679	388	140	37	2	–	–	10	61	–	41
Female	299	135	107	3	2	–	–	1	33	–	18
All other	104	32	37	4	–	–	–	3	19	–	9
Male	73	26	23	4	–	–	–	3	12	–	5
Female	31	6	14	–	–	–	–	–	7	–	4
Black	91	27	33	3	–	–	–	3	16	–	9
Male	67	24	22	3	–	–	–	3	10	–	5
Female	24	3	11	–	–	–	–	–	6	–	4
Montana	205	95	55	10	–	–	–	3	16	–	26
Male	131	62	29	9	–	–	–	2	11	–	18
Female	74	33	26	1	–	–	–	1	5	–	8
White	163	79	38	10	–	–	–	3	14	–	19
Male	109	56	20	9	–	–	–	2	9	–	13
Female	54	23	18	1	–	–	–	1	5	–	6
All other	42	16	17	–	–	–	–	–	2	–	7
Male	22	6	9	–	–	–	–	–	2	–	5
Female	20	10	8	–	–	–	–	–	–	–	2
Black	1	1	–	–	–	–	–	–	–	–	–
Male	1	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–

Table 5-3. Deaths From Motor Vehicle Accidents, by Person Injured, Race, and Sex: United States and Each State, 1990—Con.

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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Area, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
Nebraska	283	127	65	6	1	-	-	1	32	4	47
Male	189	92	34	6	-	-	-	1	21	4	31
Female	94	35	31	-	1	-	-	-	11	-	16
White	269	124	59	5	1	-	-	1	30	4	45
Male	182	91	31	5	-	-	-	1	20	4	30
Female	87	33	28	-	1	-	-	-	10	-	15
All other	14	3	6	1	-	-	-	-	2	-	2
Male	7	1	3	1	-	-	-	-	1	-	1
Female	7	2	3	-	-	-	-	-	1	-	1
Black	11	2	5	1	-	-	-	-	2	-	1
Male	5	1	2	1	-	-	-	-	1	-	-
Female	6	1	3	-	-	-	-	-	1	-	1
Nevada	320	117	57	22	2	-	-	7	56	-	59
Male	228	79	35	21	1	-	-	7	43	-	42
Female	92	38	22	1	1	-	-	-	13	-	17
White	287	104	52	22	2	-	-	6	48	-	53
Male	203	69	31	21	1	-	-	6	37	-	38
Female	84	35	21	1	1	-	-	-	11	-	15
All other	33	13	5	-	-	-	-	1	8	-	6
Male	25	10	4	-	-	-	-	1	6	-	4
Female	8	3	1	-	-	-	-	-	2	-	2
Black	18	7	3	-	-	-	-	1	5	-	2
Male	16	5	3	-	-	-	-	1	5	-	2
Female	2	2	-	-	-	-	-	-	-	-	-
New Hampshire	164	81	37	14	-	-	-	4	15	1	12
Male	112	57	20	14	-	-	-	4	8	1	8
Female	52	24	17	-	-	-	-	-	7	-	4
White	163	81	37	14	-	-	-	4	15	1	11
Male	111	57	20	14	-	-	-	4	8	1	7
Female	52	24	17	-	-	-	-	-	7	-	4
All other	1	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Black	1	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
New Jersey	936	276	156	46	2	-	-	21	225	-	210
Male	625	192	73	44	2	-	-	18	151	-	145
Female	311	84	83	2	-	-	-	3	74	-	65
White	744	215	118	40	2	-	-	17	174	-	178
Male	497	146	55	38	2	-	-	15	116	-	125
Female	247	69	63	2	-	-	-	2	58	-	53
All other	192	61	38	6	-	-	-	4	51	-	32
Male	128	46	18	6	-	-	-	3	35	-	20
Female	64	15	20	-	-	-	-	1	16	-	12
Black	162	46	33	5	-	-	-	4	44	-	30
Male	109	35	16	5	-	-	-	3	31	-	19
Female	53	11	17	-	-	-	-	1	13	-	11
New Mexico	455	181	111	34	5	-	-	3	89	-	32
Male	327	144	56	32	1	-	-	3	67	-	24
Female	128	37	55	2	4	-	-	-	22	-	8
White	351	151	89	31	3	-	-	3	51	-	23
Male	247	120	40	29	-	-	-	3	39	-	16
Female	104	31	49	2	3	-	-	-	12	-	7
All other	104	30	22	3	2	-	-	-	38	-	9
Male	80	24	16	3	1	-	-	-	28	-	8
Female	24	6	6	-	1	-	-	-	10	-	1
Black	8	2	4	-	-	-	-	-	2	-	-
Male	6	2	2	-	-	-	-	-	2	-	-
Female	2	-	2	-	-	-	-	-	-	-	-
New York	2,409	788	454	93	7	-	2	41	643	5	376
Male	1,663	600	216	91	4	-	2	34	440	5	271
Female	746	188	238	2	3	-	-	7	203	-	105
White	2,017	692	357	79	7	-	1	34	500	5	342
Male	1,395	522	166	77	4	-	1	29	342	5	249
Female	622	170	191	2	3	-	-	5	158	-	93
All other	392	96	97	14	-	-	1	7	143	-	34
Male	268	78	50	14	-	-	1	5	98	-	22
Female	124	18	47	-	-	-	-	2	45	-	12
Black	327	77	80	13	-	-	1	7	123	-	26
Male	225	62	41	13	-	-	1	5	84	-	19
Female	102	15	39	-	-	-	-	2	39	-	7
North Carolina	1,467	774	295	69	3	-	-	27	202	1	96
Male	1,021	553	161	69	3	-	-	20	145	1	69
Female	446	221	134	-	-	-	-	7	57	-	27
White	1,089	611	209	57	2	-	-	15	118	1	76
Male	737	424	111	57	2	-	-	10	79	1	53
Female	352	187	98	-	-	-	-	5	39	-	23
All other	378	163	86	12	1	-	-	12	84	-	20
Male	284	129	50	12	1	-	-	10	66	-	16
Female	94	34	36	-	-	-	-	2	18	-	4
Black	345	148	78	11	1	-	-	10	79	-	18
Male	259	117	46	11	1	-	-	8	62	-	14
Female	86	31	32	-	-	-	-	2	17	-	4

Table 5-3. Deaths From Motor Vehicle Accidents, by Person Injured, Race, and Sex: United States and Each State, 1990—Con.
(Page 6 of 8)

[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Area, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
North Dakota	120	57	30	8	1	–	–	1	14	–	9
Male	83	44	17	8	–	–	–	1	6	–	7
Female	37	13	13	–	1	–	–	–	8	–	2
White	104	52	22	8	1	–	–	1	14	–	6
Male	72	40	13	8	–	–	–	1	6	–	4
Female	32	12	9	–	1	–	–	–	8	–	2
All other	16	5	8	–	–	–	–	–	–	–	3
Male	11	4	4	–	–	–	–	–	–	–	3
Female	5	1	4	–	–	–	–	–	–	–	–
Black	1	1	–	–	–	–	–	–	–	–	–
Male	1	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Ohio	1,729	514	253	111	12	–	1	25	220	–	593
Male	1,162	350	136	106	7	–	1	21	151	–	390
Female	567	164	117	5	5	–	–	4	69	–	203
White	1,566	456	229	99	11	–	1	21	189	–	560
Male	1,049	312	126	94	6	–	1	17	127	–	366
Female	517	144	103	5	5	–	–	4	62	–	194
All other	163	58	24	12	1	–	–	4	31	–	33
Male	113	38	10	12	1	–	–	4	24	–	24
Female	50	20	14	–	–	–	–	–	7	–	9
Black	152	55	20	11	1	–	–	4	30	–	31
Male	106	36	8	11	1	–	–	4	23	–	23
Female	46	19	12	–	–	–	–	–	7	–	8
Oklahoma	717	359	178	31	7	–	–	5	70	–	67
Male	464	249	87	30	1	–	–	4	48	–	45
Female	253	110	91	1	6	–	–	1	22	–	22
White	617	315	150	29	7	–	–	4	54	–	58
Male	398	220	70	28	1	–	–	3	37	–	39
Female	219	95	80	1	6	–	–	1	17	–	19
All other	100	44	28	2	–	–	–	1	16	–	9
Male	66	29	17	2	–	–	–	1	11	–	6
Female	34	15	11	–	–	–	–	–	5	–	3
Black	46	18	12	2	–	–	–	1	9	–	4
Male	30	12	8	2	–	–	–	1	4	–	3
Female	16	6	4	–	–	–	–	–	5	–	1
Oregon	559	254	161	21	3	–	–	14	67	1	38
Male	378	187	90	20	1	–	–	12	39	1	28
Female	181	67	71	1	2	–	–	2	28	–	10
White	534	246	153	21	3	–	–	13	60	1	37
Male	360	179	85	20	1	–	–	11	35	1	28
Female	174	67	68	1	2	–	–	2	25	–	9
All other	25	8	8	–	–	–	–	1	7	–	1
Male	18	8	5	–	–	–	–	1	4	–	–
Female	7	–	3	–	–	–	–	–	3	–	1
Black	3	1	–	–	–	–	–	–	2	–	–
Male	3	1	–	–	–	–	–	–	2	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Pennsylvania	1,840	495	260	46	5	–	–	29	313	1	691
Male	1,290	365	133	45	2	–	–	27	203	1	514
Female	550	130	127	1	3	–	–	2	110	–	177
White	1,678	451	215	40	5	–	–	24	279	1	663
Male	1,178	332	107	39	2	–	–	22	182	1	493
Female	500	119	108	1	3	–	–	2	97	–	170
All other	162	44	45	6	–	–	–	5	34	–	28
Male	112	33	26	6	–	–	–	5	21	–	21
Female	50	11	19	–	–	–	–	–	13	–	7
Black	142	37	39	6	–	–	–	4	31	–	25
Male	101	29	23	6	–	–	–	4	20	–	19
Female	41	8	16	–	–	–	–	–	11	–	6
Rhode Island	104	45	17	13	–	–	–	–	23	–	6
Male	72	32	8	13	–	–	–	–	15	–	4
Female	32	13	9	–	–	–	–	–	8	–	2
White	99	42	15	13	–	–	–	–	23	–	6
Male	68	29	7	13	–	–	–	–	15	–	4
Female	31	13	8	–	–	–	–	–	8	–	2
All other	5	3	2	–	–	–	–	–	–	–	–
Male	4	3	1	–	–	–	–	–	–	–	–
Female	1	–	1	–	–	–	–	–	–	–	–
Black	5	3	2	–	–	–	–	–	–	–	–
Male	4	3	1	–	–	–	–	–	–	–	–
Female	1	–	1	–	–	–	–	–	–	–	–
South Carolina	942	513	202	37	2	–	–	22	122	–	44
Male	673	388	106	35	1	–	–	19	94	–	30
Female	269	125	96	2	1	–	–	3	28	–	14
White	645	378	138	32	2	–	–	8	54	–	33
Male	435	277	64	30	1	–	–	7	36	–	20
Female	210	101	74	2	1	–	–	1	18	–	13
All other	297	135	64	5	–	–	–	14	68	–	11
Male	238	111	42	5	–	–	–	12	58	–	10
Female	59	24	22	–	–	–	–	2	10	–	1
Black	295	135	63	4	–	–	–	14	68	–	11
Male	237	111	42	4	–	–	–	12	58	–	10
Female	58	24	21	–	–	–	–	2	10	–	1

Table 5-3. Deaths From Motor Vehicle Accidents, by Person Injured, Race, and Sex: United States and Each State, 1990—Con.
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[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Area, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
South Dakota	163	80	33	13	3	1	-	4	20	-	9
Male	116	62	17	13	1	1	-	2	14	-	6
Female	47	18	16	-	2	-	-	2	6	-	3
White	120	65	19	12	3	1	-	4	12	-	4
Male	85	47	11	12	1	1	-	2	9	-	2
Female	35	18	8	-	2	-	-	2	3	-	2
All other	43	15	14	1	-	-	-	-	8	-	5
Male	31	15	6	1	-	-	-	-	5	-	4
Female	12	-	8	-	-	-	-	-	3	-	1
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Tennessee	1,210	624	265	52	6	-	-	14	120	3	126
Male	829	461	119	51	4	-	-	13	85	3	93
Female	381	163	146	1	2	-	-	1	35	-	33
White	1,035	550	236	44	6	-	-	10	78	3	108
Male	707	402	107	43	4	-	-	10	59	3	79
Female	328	148	129	1	2	-	-	-	19	-	29
All other	175	74	29	8	-	-	-	4	42	-	18
Male	122	59	12	8	-	-	-	3	26	-	14
Female	53	15	17	-	-	-	-	1	16	-	4
Black	163	68	25	8	-	-	-	4	41	-	17
Male	114	54	10	8	-	-	-	3	26	-	13
Female	49	14	15	-	-	-	-	1	15	-	4
Texas	3,359	1,585	761	171	21	-	-	44	561	3	213
Male	2,424	1,177	444	165	7	-	-	39	438	3	151
Female	935	408	317	6	14	-	-	5	123	-	62
White	2,900	1,404	651	153	19	-	-	38	438	2	195
Male	2,075	1,035	373	147	6	-	-	34	338	2	140
Female	825	369	278	6	13	-	-	4	100	-	55
All other	459	181	110	18	2	-	-	6	123	1	18
Male	349	142	71	18	1	-	-	5	100	1	11
Female	110	39	39	-	1	-	-	1	23	-	7
Black	418	166	96	16	2	-	-	6	116	1	15
Male	317	129	62	16	1	-	-	5	94	1	9
Female	101	37	34	-	1	-	-	1	22	-	6
Utah	292	129	81	20	-	-	-	8	41	-	13
Male	181	90	27	20	-	-	-	7	31	-	6
Female	111	39	54	-	-	-	-	1	10	-	7
White	272	121	79	19	-	-	-	7	36	-	10
Male	168	85	26	19	-	-	-	6	26	-	6
Female	104	36	53	-	-	-	-	1	10	-	4
All other	20	8	2	1	-	-	-	1	5	-	3
Male	13	5	1	1	-	-	-	1	5	-	-
Female	7	3	1	-	-	-	-	-	-	-	3
Black	2	-	-	-	-	-	-	-	-	-	2
Male	-	-	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	-	-	-	-	2
Vermont	90	17	14	2	-	-	-	1	13	-	43
Male	65	13	3	2	-	-	-	1	11	-	35
Female	25	4	11	-	-	-	-	-	2	-	8
White	87	17	14	2	-	-	-	1	12	-	41
Male	62	13	3	2	-	-	-	1	10	-	33
Female	25	4	11	-	-	-	-	-	2	-	8
All other	3	-	-	-	-	-	-	-	1	-	2
Male	3	-	-	-	-	-	-	-	1	-	2
Female	-	-	-	-	-	-	-	-	-	-	-
Black	1	-	-	-	-	-	-	-	1	-	-
Male	1	-	-	-	-	-	-	-	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Virginia	1,059	483	215	29	2	-	-	20	122	1	187
Male	733	351	118	28	1	-	-	16	84	1	134
Female	326	132	97	1	1	-	-	4	38	-	53
White	831	383	169	28	2	-	-	15	83	1	150
Male	567	273	92	27	1	-	-	11	57	1	105
Female	264	110	77	1	1	-	-	4	26	-	45
All other	228	100	46	1	-	-	-	5	39	-	37
Male	166	78	26	1	-	-	-	5	27	-	29
Female	62	22	20	-	-	-	-	-	12	-	8
Black	214	92	42	1	-	-	-	4	39	-	36
Male	157	73	23	1	-	-	-	4	27	-	29
Female	57	19	19	-	-	-	-	-	12	-	7
Washington	912	467	235	64	4	-	-	16	105	1	20
Male	650	354	134	63	-	-	-	13	74	-	12
Female	262	113	101	1	4	-	-	3	31	1	8
White	810	423	201	61	4	-	-	15	85	1	20
Male	577	318	114	60	-	-	-	12	61	-	12
Female	233	105	87	1	4	-	-	3	24	1	8
All other	102	44	34	3	-	-	-	1	20	-	-
Male	73	36	20	3	-	-	-	1	13	-	-
Female	29	8	14	-	-	-	-	-	7	-	-
Black	35	14	14	1	-	-	-	-	6	-	-
Male	30	13	10	1	-	-	-	-	6	-	-
Female	5	1	4	-	-	-	-	-	-	-	-

Table 5-3. Deaths From Motor Vehicle Accidents, by Person Injured, Race, and Sex: United States and Each State, 1990—Con.

[Deaths are those assigned to category numbers E810-E825 of the Ninth Revision International Classification of Diseases, 1975. Numbers after person injured are fourth-digit subcategory numbers]

Area, race, and sex	Total deaths	Person injured									
		Driver of motor vehicle other than motorcycle (.0)	Passenger in motor vehicle other than motorcycle (.1)	Motor-cyclist (.2)	Passenger on motorcycle (.3)	Occupant of streetcar (.4)	Rider of animal; occupant of animal-drawn vehicle (.5)	Pedal cyclist (.6)	Pedestrian (.7)	Other specified person (.8)	Unspecified person (.9)
West Virginia	472	149	68	9	-	-	-	3	35	-	208
Male	331	110	40	9	-	-	-	3	28	-	141
Female	141	39	28	-	-	-	-	-	7	-	67
White	460	144	67	9	-	-	-	3	33	-	204
Male	322	106	39	9	-	-	-	3	26	-	139
Female	138	38	28	-	-	-	-	-	7	-	65
All other	12	5	1	-	-	-	-	-	2	-	4
Male	9	4	1	-	-	-	-	-	2	-	2
Female	3	1	-	-	-	-	-	-	-	-	2
Black	8	3	-	-	-	-	-	-	2	-	3
Male	5	2	-	-	-	-	-	-	2	-	1
Female	3	1	-	-	-	-	-	-	-	-	2
Wisconsin	808	330	149	44	4	-	-	13	84	2	182
Male	525	233	61	43	2	-	-	11	43	1	131
Female	283	97	88	1	2	-	-	2	41	1	51
White	772	322	140	41	3	-	-	12	77	2	175
Male	502	225	57	41	2	-	-	10	39	1	127
Female	270	97	83	-	1	-	-	2	38	1	48
All other	36	8	9	3	1	-	-	1	7	-	7
Male	23	8	4	2	-	-	-	1	4	-	4
Female	13	-	5	1	1	-	-	-	3	-	3
Black	22	7	5	3	-	-	-	-	6	-	1
Male	15	7	2	2	-	-	-	-	3	-	1
Female	7	-	3	1	-	-	-	-	3	-	-
Wyoming	99	45	27	3	3	-	-	1	10	-	10
Male	66	35	13	3	-	-	-	-	7	-	8
Female	33	10	14	-	3	-	-	1	3	-	2
White	93	44	26	3	3	-	-	1	6	-	10
Male	63	35	12	3	-	-	-	-	5	-	8
Female	30	9	14	-	3	-	-	1	1	-	2
All other	6	1	1	-	-	-	-	-	4	-	-
Male	3	-	1	-	-	-	-	-	2	-	-
Female	3	1	-	-	-	-	-	-	2	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-

Table 5-4. Deaths From Accidental Poisoning, by Age, Race, and Sex: United States, 1990

(Page 1 of 4)

[Includes each three-digit category and selected four-digit subcategories E850-E869 of the Ninth Revision International Classification of Diseases, 1975]

Cause of death, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-14 years	15-24 years	25-44 years	45-64 years	65 years and over	Not stated
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	4,506	10	19	2	5	2	38	13	317	2,947	647	537	7
Male	3,161	4	9	1	1	1	16	5	229	2,281	384	241	5
Female	1,345	6	10	1	4	1	22	8	88	666	263	296	2
White	3,477	8	13	1	4	-	26	9	232	2,226	497	480	7
Male	2,437	3	8	-	1	-	12	3	174	1,760	273	210	5
Female	1,040	5	5	1	3	-	14	6	58	466	224	270	2
All other	1,029	2	6	1	1	2	12	4	85	721	150	57	-
Male	724	1	1	1	-	1	4	2	55	521	111	31	-
Female	305	1	5	-	1	1	8	2	30	200	39	26	-
Black	959	2	6	1	1	2	12	3	75	680	139	50	-
Male	675	1	1	1	-	1	4	1	49	489	106	26	-
Female	284	1	5	-	1	1	8	2	26	191	33	24	-
By analgesics, antipyretics, antirheumatics (E850)	1,278	1	5	-	1	-	7	4	90	943	187	46	1
Male	1,022	1	2	-	-	-	3	-	68	791	132	27	1
Female	256	-	3	-	1	-	4	4	22	152	55	19	-
White	1,038	1	3	-	1	-	5	2	75	763	154	38	1
Male	838	1	2	-	-	-	3	-	57	649	106	22	1
Female	200	-	1	-	1	-	2	2	18	114	48	16	-
All other	240	-	2	-	-	-	2	2	15	180	33	8	-
Male	184	-	-	-	-	-	-	-	11	142	26	5	-
Female	56	-	2	-	-	-	2	2	4	38	7	3	-
Black	224	-	2	-	-	-	2	2	9	171	33	7	-
Male	172	-	-	-	-	-	-	-	8	134	26	4	-
Female	52	-	2	-	-	-	2	2	1	37	7	3	-
Opiates and related narcotics (E850.0)	931	-	3	-	-	-	3	2	55	739	117	14	1
Male	798	-	2	-	-	-	2	-	42	646	96	11	1
Female	133	-	1	-	-	-	1	2	13	93	21	3	-
White	727	-	2	-	-	-	2	-	44	579	90	11	1
Male	633	-	2	-	-	-	2	-	34	516	72	8	1
Female	94	-	-	-	-	-	-	-	10	63	18	3	-
All other	204	-	1	-	-	-	1	2	11	160	27	3	-
Male	165	-	-	-	-	-	-	-	8	130	24	3	-
Female	39	-	1	-	-	-	1	2	3	30	3	-	-
Black	192	-	1	-	-	-	1	2	6	153	27	3	-
Male	156	-	-	-	-	-	-	-	5	124	24	3	-
Female	36	-	1	-	-	-	1	2	1	29	3	-	-
Salicylates (E850.1)	44	-	1	-	-	-	1	-	2	13	10	18	-
Male	18	-	-	-	-	-	-	-	-	7	3	8	-
Female	26	-	1	-	-	-	1	-	2	6	7	10	-
White	33	-	1	-	-	-	1	-	2	10	7	13	-
Male	14	-	-	-	-	-	-	-	-	5	3	6	-
Female	19	-	1	-	-	-	1	-	2	5	4	7	-
All other	11	-	-	-	-	-	-	-	-	3	3	5	-
Male	4	-	-	-	-	-	-	-	-	2	-	2	-
Female	7	-	-	-	-	-	-	-	-	1	3	3	-
Black	10	-	-	-	-	-	-	-	-	3	3	4	-
Male	3	-	-	-	-	-	-	-	-	2	-	1	-
Female	7	-	-	-	-	-	-	-	-	1	3	3	-
All other analgesics, antipyretics, antirheumatics (E850.2-E850.9)	303	1	1	-	1	-	3	2	33	191	60	14	-
Male	206	1	-	-	-	-	1	-	26	138	33	8	-
Female	97	-	1	-	1	-	2	2	7	53	27	6	-
White	278	1	-	-	1	-	2	2	29	174	57	14	-
Male	191	1	-	-	-	-	1	-	23	128	31	8	-
Female	87	-	-	-	1	-	1	2	6	46	26	6	-
All other	25	-	1	-	-	-	1	-	4	17	3	-	-
Male	15	-	-	-	-	-	-	-	3	10	2	-	-
Female	10	-	1	-	-	-	1	-	1	7	1	-	-
Black	22	-	1	-	-	-	1	-	3	15	3	-	-
Male	13	-	-	-	-	-	-	-	3	8	2	-	-
Female	9	-	1	-	-	-	1	-	-	7	1	-	-
By barbiturates (E851)	22	-	-	-	-	-	-	-	2	14	4	2	-
Male	14	-	-	-	-	-	-	-	1	10	2	1	-
Female	8	-	-	-	-	-	-	-	1	4	2	1	-
White	17	-	-	-	-	-	-	-	1	11	4	1	-
Male	11	-	-	-	-	-	-	-	1	8	2	-	-
Female	6	-	-	-	-	-	-	-	-	3	2	1	-
All other	5	-	-	-	-	-	-	-	1	3	-	1	-
Male	3	-	-	-	-	-	-	-	-	2	-	1	-
Female	2	-	-	-	-	-	-	-	1	1	-	-	-
Black	4	-	-	-	-	-	-	-	1	2	-	1	-
Male	2	-	-	-	-	-	-	-	-	1	-	1	-
Female	2	-	-	-	-	-	-	-	1	1	-	-	-
By other sedatives and hypnotics (E852)	26	-	-	-	-	-	-	1	1	15	6	3	-
Male	14	-	-	-	-	-	-	1	-	10	2	1	-
Female	12	-	-	-	-	-	-	-	1	5	4	2	-
White	25	-	-	-	-	-	-	1	1	14	6	3	-
Male	14	-	-	-	-	-	-	1	-	10	2	1	-
Female	11	-	-	-	-	-	-	-	1	4	4	2	-
All other	1	-	-	-	-	-	-	-	-	1	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5-4. Deaths From Accidental Poisoning, by Age, Race, and Sex: United States, 1990—Con.
(Page 2 of 4)
[Includes each three-digit category and selected four-digit subcategories E850-E869 of the Ninth Revision International Classification of Diseases, 1975]

Cause of death, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-14 years	15-24 years	25-44 years	45-64 years	65 years and over	Not stated
By tranquilizers (E853)	67	–	–	1	–	1	2	–	–	34	19	12	–
Male	41	–	–	1	–	1	2	–	–	20	12	7	–
Female	26	–	–	–	–	–	–	–	–	14	7	5	–
White	59	–	–	–	–	–	–	–	–	30	17	12	–
Male	36	–	–	–	–	–	–	–	–	18	11	7	–
Female	23	–	–	–	–	–	–	–	–	12	6	5	–
All other	8	–	–	1	–	1	2	–	–	4	2	–	–
Male	5	–	–	1	–	1	2	–	–	2	1	–	–
Female	3	–	–	–	–	–	–	–	–	2	1	–	–
Black	6	–	–	1	–	1	2	–	–	3	1	–	–
Male	5	–	–	1	–	1	2	–	–	2	1	–	–
Female	1	–	–	–	–	–	–	–	–	1	–	–	–
By other psychotropic agents (E854)	217	–	3	–	2	–	5	3	16	133	47	13	–
Male	128	–	1	–	1	–	2	1	12	93	16	4	–
Female	89	–	2	–	1	–	3	2	4	40	31	9	–
White	193	–	3	–	2	–	5	3	14	117	41	13	–
Male	112	–	1	–	1	–	2	1	10	82	13	4	–
Female	81	–	2	–	1	–	3	2	4	35	28	9	–
All other	24	–	–	–	–	–	–	–	2	16	6	–	–
Male	16	–	–	–	–	–	–	–	2	11	3	–	–
Female	8	–	–	–	–	–	–	–	–	5	3	–	–
Black	19	–	–	–	–	–	–	–	1	14	4	–	–
Male	12	–	–	–	–	–	–	–	1	9	2	–	–
Female	7	–	–	–	–	–	–	–	–	5	2	–	–
By other drugs acting on central and autonomic nervous systems (E855)	821	2	4	1	1	–	8	4	90	614	78	26	1
Male	626	2	1	–	–	–	3	3	63	480	61	16	–
Female	195	–	3	1	1	–	5	1	27	134	17	10	1
White	463	1	3	1	1	–	6	2	52	349	33	20	1
Male	364	1	1	–	–	–	2	1	41	282	26	12	–
Female	99	–	2	1	1	–	4	1	11	67	7	8	1
All other	358	1	1	–	–	–	2	2	38	265	45	6	–
Male	262	1	–	–	–	–	1	2	22	198	35	4	–
Female	96	–	1	–	–	–	1	–	16	67	10	2	–
Black	342	1	1	–	–	–	2	1	36	254	44	5	–
Male	249	1	–	–	–	–	1	1	20	189	35	3	–
Female	93	–	1	–	–	–	1	–	16	65	9	2	–
By antibiotics (E856)	51	1	–	–	–	–	1	–	1	3	24	22	–
Male	25	1	–	–	–	–	1	–	–	1	10	13	–
Female	26	–	–	–	–	–	–	–	1	2	14	9	–
White	48	1	–	–	–	–	1	–	–	1	24	22	–
Male	25	1	–	–	–	–	1	–	–	1	10	13	–
Female	23	–	–	–	–	–	–	–	–	–	14	9	–
All other	3	–	–	–	–	–	–	–	1	2	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	3	–	–	–	–	–	–	–	1	2	–	–	–
Black	2	–	–	–	–	–	–	–	–	2	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	2	–	–	–	–	–	–	–	–	2	–	–	–
By anti-infectives (E857)	7	–	–	–	–	–	–	1	–	3	–	3	–
Male	3	–	–	–	–	–	–	–	–	2	–	1	–
Female	4	–	–	–	–	–	–	1	–	1	–	2	–
White	7	–	–	–	–	–	–	1	–	3	–	3	–
Male	3	–	–	–	–	–	–	–	–	2	–	1	–
Female	4	–	–	–	–	–	–	1	–	1	–	2	–
All other	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
By other drugs (E858)	2,017	6	7	–	1	1	15	–	117	1,188	282	410	5
Male	1,288	–	5	–	–	–	5	–	85	874	149	171	4
Female	729	6	2	–	1	1	10	–	32	314	133	239	1
White	1,627	5	4	–	–	–	9	–	89	938	218	368	5
Male	1,034	–	4	–	–	–	4	–	65	708	103	150	4
Female	593	5	–	–	–	–	5	–	24	230	115	218	1
All other	390	1	3	–	1	1	6	–	28	250	64	42	–
Male	254	–	1	–	–	–	1	–	20	166	46	21	–
Female	136	1	2	–	1	1	5	–	8	84	18	21	–
Black	362	1	3	–	1	1	6	–	28	234	57	37	–
Male	235	–	1	–	–	–	1	–	20	154	42	18	–
Female	127	1	2	–	1	1	5	–	8	80	15	19	–
Agents primarily affecting cardiovascular system (E858.3)	257	–	–	–	–	–	–	–	3	10	27	217	–
Male	104	–	–	–	–	–	–	–	3	5	16	80	–
Female	153	–	–	–	–	–	–	–	–	5	11	137	–
White	220	–	–	–	–	–	–	–	1	4	20	195	–
Male	82	–	–	–	–	–	–	–	1	2	12	67	–
Female	138	–	–	–	–	–	–	–	–	2	8	128	–
All other	37	–	–	–	–	–	–	–	2	6	7	22	–
Male	22	–	–	–	–	–	–	–	2	3	4	13	–
Female	15	–	–	–	–	–	–	–	–	3	3	9	–
Black	33	–	–	–	–	–	–	–	2	6	6	19	–
Male	19	–	–	–	–	–	–	–	2	3	3	11	–
Female	14	–	–	–	–	–	–	–	–	3	3	8	–

Table 5-4. Deaths From Accidental Poisoning, by Age, Race, and Sex: United States, 1990—Con.
(Page 3 of 4)
[Includes each three-digit category and selected four-digit subcategories E850-E869 of the Ninth Revision International Classification of Diseases, 1975]

Cause of death, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-14 years	15-24 years	25-44 years	45-64 years	65 years and over	Not stated
By other drugs-Con.													
Agents primarily affecting gastrointestinal system (E858.4)	3	–	–	–	–	–	–	–	–	–	–	3	–
Male	3	–	–	–	–	–	–	–	–	–	–	3	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
White	2	–	–	–	–	–	–	–	–	–	–	2	–
Male	2	–	–	–	–	–	–	–	–	–	–	2	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	1	–	–	–	–	–	–	–	–	–	–	1	–
Male	1	–	–	–	–	–	–	–	–	–	–	1	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	1	–	–	–	–	–	–	–	–	–	–	1	–
Male	1	–	–	–	–	–	–	–	–	–	–	1	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
All other and unspecified drugs (E858.0-E858.2,E858.5-E858.9)	1,757	6	7	–	1	1	15	–	114	1,178	255	190	5
Male	1,181	–	5	–	–	–	5	–	82	869	133	88	4
Female	576	6	2	–	1	1	10	–	32	309	122	102	1
White	1,405	5	4	–	–	–	9	–	88	934	198	171	5
Male	950	–	4	–	–	–	4	–	64	706	91	81	4
Female	455	5	–	–	–	–	5	–	24	228	107	90	1
All other	352	1	3	–	1	1	6	–	26	244	57	19	–
Male	231	–	1	–	–	–	1	–	18	163	42	7	–
Female	121	1	2	–	1	1	5	–	8	81	15	12	–
Black	328	1	3	–	1	1	6	–	26	228	51	17	–
Male	215	–	1	–	–	–	1	–	18	151	39	6	–
Female	113	1	2	–	1	1	5	–	8	77	12	11	–
Accidental poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	1,297	5	12	6	6	2	31	31	202	535	294	204	–
Male	1,038	3	10	4	4	2	23	24	174	443	230	144	–
Female	259	2	2	2	2	–	8	7	28	92	64	60	–
White	1,065	5	4	4	3	2	18	26	179	439	232	171	–
Male	867	3	2	4	3	2	14	20	159	367	186	121	–
Female	198	2	2	–	–	–	4	6	20	72	46	50	–
All other	232	–	8	2	3	–	13	5	23	96	62	33	–
Male	171	–	8	–	1	–	9	4	15	76	44	23	–
Female	61	–	–	2	2	–	4	1	8	20	18	10	–
Black	197	–	6	2	2	–	10	3	20	80	55	29	–
Male	146	–	6	–	–	–	6	3	13	66	38	20	–
Female	51	–	–	2	2	–	4	–	7	14	17	9	–
By alcohol, not elsewhere classified (E860)	369	1	–	1	–	–	2	1	32	197	101	36	–
Male	287	1	–	1	–	–	2	–	24	158	75	28	–
Female	82	–	–	–	–	–	–	1	8	39	26	8	–
White	280	1	–	1	–	–	2	1	25	149	76	27	–
Male	222	1	–	1	–	–	2	–	20	119	61	20	–
Female	58	–	–	–	–	–	–	1	5	30	15	7	–
All other	89	–	–	–	–	–	–	–	7	48	25	9	–
Male	65	–	–	–	–	–	–	–	4	39	14	8	–
Female	24	–	–	–	–	–	–	–	3	9	11	1	–
Black	75	–	–	–	–	–	–	–	5	39	23	8	–
Male	55	–	–	–	–	–	–	–	2	34	12	7	–
Female	20	–	–	–	–	–	–	–	3	5	11	1	–
By cleansing and polishing agents, disinfectants, paints, and varnishes (E861)	15	–	1	–	–	–	1	–	2	1	4	7	–
Male	13	–	1	–	–	–	1	–	1	1	4	6	–
Female	2	–	–	–	–	–	–	–	1	–	–	1	–
White	11	–	–	–	–	–	–	–	1	1	3	6	–
Male	10	–	–	–	–	–	–	–	1	1	3	5	–
Female	1	–	–	–	–	–	–	–	–	–	–	1	–
All other	4	–	1	–	–	–	1	–	1	–	1	1	–
Male	3	–	1	–	–	–	1	–	–	–	1	1	–
Female	1	–	–	–	–	–	–	–	1	–	–	–	–
Black	2	–	1	–	–	–	1	–	1	–	–	–	–
Male	1	–	1	–	–	–	1	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	1	–	–	–	–
By petroleum products, other solvents, and their vapors, not elsewhere classified (E862)	80	–	3	1	–	–	4	7	25	32	8	4	–
Male	70	–	3	1	–	–	4	5	22	28	8	3	–
Female	10	–	–	–	–	–	–	2	3	4	–	1	–
White	73	–	1	1	–	–	2	6	25	30	7	3	–
Male	64	–	1	1	–	–	2	5	22	26	7	2	–
Female	9	–	–	–	–	–	–	1	3	4	–	1	–
All other	7	–	2	–	–	–	2	1	–	2	1	1	–
Male	6	–	2	–	–	–	2	–	–	2	1	1	–
Female	1	–	–	–	–	–	–	1	–	–	–	–	–
Black	5	–	2	–	–	–	2	–	–	1	1	1	–
Male	5	–	2	–	–	–	2	–	–	1	1	1	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
By agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E863)	10	–	2	–	–	–	2	–	–	6	–	2	–
Male	8	–	1	–	–	–	1	–	–	5	–	2	–
Female	2	–	1	–	–	–	1	–	–	1	–	–	–
White	4	–	1	–	–	–	1	–	–	2	–	1	–
Male	2	–	–	–	–	–	–	–	–	1	–	1	–
Female	2	–	1	–	–	–	1	–	–	1	–	–	–
All other	6	–	1	–	–	–	1	–	–	4	–	1	–
Male	6	–	1	–	–	–	1	–	–	4	–	1	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	5	–	1	–	–	–	1	–	–	4	–	–	–
Male	5	–	1	–	–	–	1	–	–	4	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 5-4. Deaths From Accidental Poisoning, by Age, Race, and Sex: United States, 1990—Con.
(Page 4 of 4)
[Includes each three-digit category and selected four-digit subcategories E850-E869 of the Ninth Revision International Classification of Diseases, 1975]

Cause of death, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-14 years	15-24 years	25-44 years	45-64 years	65 years and over	Not stated
By corrosives and caustics, not elsewhere classified (E864)	12	–	–	–	–	–	–	1	2	5	1	3	–
Male	8	–	–	–	–	–	–	1	1	5	1	–	–
Female	4	–	–	–	–	–	–	–	1	–	–	3	–
White	11	–	–	–	–	–	–	–	2	5	1	3	–
Male	7	–	–	–	–	–	–	–	1	5	1	–	–
Female	4	–	–	–	–	–	–	–	1	–	–	3	–
All other	1	–	–	–	–	–	–	1	–	–	–	–	–
Male	1	–	–	–	–	–	–	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	1	–	–	–	–	–	–	1	–	–	–	–	–
Male	1	–	–	–	–	–	–	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–
From foodstuffs and poisonous plants (E865)	12	–	–	–	–	–	–	1	1	6	3	1	–
Male	6	–	–	–	–	–	–	1	–	4	1	–	–
Female	6	–	–	–	–	–	–	–	1	2	2	1	–
White	10	–	–	–	–	–	–	1	–	6	2	1	–
Male	6	–	–	–	–	–	–	1	–	4	1	–	–
Female	4	–	–	–	–	–	–	–	–	2	1	1	–
All other	2	–	–	–	–	–	–	–	1	–	1	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	2	–	–	–	–	–	–	–	1	–	1	–	–
Black	2	–	–	–	–	–	–	–	1	–	1	–	–
Male	–	–	–	–	–	–	–	–	–	–	–	–	–
Female	2	–	–	–	–	–	–	–	1	–	1	–	–
By other and unspecified solid and liquid substances (E866)	51	–	1	1	–	–	2	1	9	10	17	12	–
Male	35	–	1	1	–	–	2	–	9	7	10	7	–
Female	16	–	–	–	–	–	–	1	–	3	7	5	–
White	41	–	–	1	–	–	1	1	9	8	11	11	–
Male	28	–	–	1	–	–	1	–	9	6	6	6	–
Female	13	–	–	–	–	–	–	1	–	2	5	5	–
All other	10	–	1	–	–	–	1	–	–	2	6	1	–
Male	7	–	1	–	–	–	1	–	–	1	4	1	–
Female	3	–	–	–	–	–	–	–	–	1	2	–	–
Black	9	–	–	–	–	–	–	–	–	2	6	1	–
Male	6	–	–	–	–	–	–	–	–	1	4	1	–
Female	3	–	–	–	–	–	–	–	–	1	2	–	–
By gas distributed by pipeline (E867)	33	2	–	–	–	–	2	4	2	9	2	14	–
Male	22	–	–	–	–	–	–	3	2	7	1	9	–
Female	11	2	–	–	–	–	2	1	–	2	1	5	–
White	25	2	–	–	–	–	2	4	2	7	2	8	–
Male	18	–	–	–	–	–	–	3	2	6	1	6	–
Female	7	2	–	–	–	–	2	1	–	1	1	2	–
All other	8	–	–	–	–	–	–	–	–	2	–	6	–
Male	4	–	–	–	–	–	–	–	–	1	–	3	–
Female	4	–	–	–	–	–	–	–	–	1	–	3	–
Black	8	–	–	–	–	–	–	–	–	2	–	6	–
Male	4	–	–	–	–	–	–	–	–	1	–	3	–
Female	4	–	–	–	–	–	–	–	–	1	–	3	–
By other utility gas and other carbon monoxide (E868)	582	1	1	–	4	2	8	13	97	226	133	105	–
Male	474	1	1	–	3	2	7	11	83	189	110	74	–
Female	108	–	–	–	1	–	1	2	14	37	23	31	–
White	503	1	1	–	2	2	6	12	85	195	110	95	–
Male	414	1	1	–	2	2	6	10	74	165	90	69	–
Female	89	–	–	–	–	–	–	2	11	30	20	26	–
All other	79	–	–	–	2	–	2	1	12	31	23	10	–
Male	60	–	–	–	1	–	1	1	9	24	20	5	–
Female	19	–	–	–	1	–	1	–	3	7	3	5	–
Black	67	–	–	–	1	–	1	1	11	26	19	9	–
Male	52	–	–	–	–	–	–	1	9	20	17	5	–
Female	15	–	–	–	1	–	1	–	2	6	2	4	–
By other gases and vapors (E869)	133	1	4	3	2	–	10	3	32	43	25	20	–
Male	115	1	3	1	1	–	6	3	32	39	20	15	–
Female	18	–	1	2	1	–	4	–	–	4	5	5	–
White	107	1	1	1	1	–	4	1	30	36	20	16	–
Male	96	1	–	1	1	–	3	1	30	34	16	12	–
Female	11	–	1	–	–	–	1	–	–	2	4	4	–
All other	26	–	3	2	1	–	6	2	2	7	5	4	–
Male	19	–	3	–	–	–	3	2	2	5	4	3	–
Female	7	–	–	2	1	–	3	–	–	2	1	1	–
Black	23	–	2	2	1	–	5	1	2	6	5	4	–
Male	17	–	2	–	–	–	2	1	2	5	4	3	–
Female	6	–	–	2	1	–	3	–	–	1	1	1	–

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990

(Page 1 of 16)

[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	4,506	2,082	1	–	6	20	105	200	76	288	1,728
Male	3,161	1,466	–	–	4	19	91	164	48	236	1,133
Female	1,345	616	1	–	2	1	14	36	28	52	595
White	3,477	1,602	–	–	5	17	54	152	59	218	1,370
Male	2,437	1,134	–	–	4	16	45	125	38	183	892
Female	1,040	468	–	–	1	1	9	27	21	35	478
All other	1,029	480	1	–	1	3	51	48	17	70	358
Male	724	332	–	–	–	3	46	39	10	53	241
Female	305	148	1	–	1	–	5	9	7	17	117
Black	959	442	1	–	1	2	51	44	17	65	336
Male	675	307	–	–	–	2	46	36	10	48	226
Female	284	135	1	–	1	–	5	8	7	17	110
By analgesics, antipyretics, antirheumatics (E850)	1,278	650	–	–	1	7	25	68	21	115	391
Male	1,022	513	–	–	1	6	22	59	12	100	309
Female	256	137	–	–	–	1	3	9	9	15	82
White	1,038	512	–	–	1	6	19	55	16	102	327
Male	838	404	–	–	1	5	16	49	10	89	264
Female	200	108	–	–	–	1	3	6	6	13	63
All other	240	138	–	–	–	1	6	13	5	13	64
Male	184	109	–	–	–	1	6	10	2	11	45
Female	56	29	–	–	–	–	–	3	3	2	19
Black	224	128	–	–	–	–	6	12	5	12	61
Male	172	102	–	–	–	–	6	9	2	10	43
Female	52	26	–	–	–	–	–	3	3	2	18
Opiates and related narcotics (E850.0)	931	481	–	–	–	6	20	52	17	99	256
Male	798	415	–	–	–	6	17	43	10	88	219
Female	133	66	–	–	–	–	3	9	7	11	37
White	727	363	–	–	–	5	14	39	13	86	207
Male	633	318	–	–	–	5	11	33	8	77	181
Female	94	45	–	–	–	–	3	6	5	9	26
All other	204	118	–	–	–	1	6	13	4	13	49
Male	165	97	–	–	–	1	6	10	2	11	38
Female	39	21	–	–	–	–	–	3	2	2	11
Black	192	110	–	–	–	–	6	12	4	12	48
Male	156	92	–	–	–	–	6	9	2	10	37
Female	36	18	–	–	–	–	–	3	2	2	11
Salicylates (E850.1)	44	16	–	–	–	–	–	1	2	4	21
Male	18	7	–	–	–	–	–	1	–	1	9
Female	26	9	–	–	–	–	–	–	2	3	12
White	33	11	–	–	–	–	–	1	1	4	16
Male	14	4	–	–	–	–	–	1	–	1	8
Female	19	7	–	–	–	–	–	–	1	3	8
All other	11	5	–	–	–	–	–	–	1	–	5
Male	4	3	–	–	–	–	–	–	–	–	1
Female	7	2	–	–	–	–	–	–	1	–	4
Black	10	4	–	–	–	–	–	–	1	–	5
Male	3	2	–	–	–	–	–	–	–	–	1
Female	7	2	–	–	–	–	–	–	1	–	4
All other analgesics, antipyretics, antirheumatics (E850.2-E850.9)	303	153	–	–	1	1	5	15	2	12	114
Male	206	91	–	–	1	–	5	15	2	11	81
Female	97	62	–	–	–	1	–	–	–	1	33
White	278	138	–	–	1	1	5	15	2	12	104
Male	191	82	–	–	1	–	5	15	2	11	75
Female	87	56	–	–	–	1	–	–	–	1	29
All other	25	15	–	–	–	–	–	–	–	–	10
Male	15	9	–	–	–	–	–	–	–	–	6
Female	10	6	–	–	–	–	–	–	–	–	4
Black	22	14	–	–	–	–	–	–	–	–	8
Male	13	8	–	–	–	–	–	–	–	–	5
Female	9	6	–	–	–	–	–	–	–	–	3
By barbiturates (E851)	22	13	–	–	–	–	–	–	–	–	9
Male	14	7	–	–	–	–	–	–	–	–	7
Female	8	6	–	–	–	–	–	–	–	–	2
White	17	11	–	–	–	–	–	–	–	–	6
Male	11	6	–	–	–	–	–	–	–	–	5
Female	6	5	–	–	–	–	–	–	–	–	1
All other	5	2	–	–	–	–	–	–	–	–	3
Male	3	1	–	–	–	–	–	–	–	–	2
Female	2	1	–	–	–	–	–	–	–	–	1
Black	4	1	–	–	–	–	–	–	–	–	3
Male	2	–	–	–	–	–	–	–	–	–	2
Female	2	1	–	–	–	–	–	–	–	–	1
By other sedatives and hypnotics (E852)	26	14	–	–	–	–	–	3	–	2	7
Male	14	9	–	–	–	–	–	3	–	–	2
Female	12	5	–	–	–	–	–	–	–	2	5
White	25	14	–	–	–	–	–	3	–	2	6
Male	14	9	–	–	–	–	–	3	–	–	2
Female	11	5	–	–	–	–	–	–	–	2	4
All other	1	–	–	–	–	–	–	–	–	–	1
Male	–	–	–	–	–	–	–	–	–	–	–
Female	1	–	–	–	–	–	–	–	–	–	1
Black	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.
(Page 2 of 16)

[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
By tranquilizers (E853)	67	27	-	-	-	1	1	1	-	4	33
Male	41	14	-	-	-	1	1	1	-	3	21
Female	26	13	-	-	-	-	-	-	-	1	12
White	59	23	-	-	-	1	-	1	-	3	31
Male	36	12	-	-	-	1	-	1	-	3	19
Female	23	11	-	-	-	-	-	-	-	-	12
All other	8	4	-	-	-	-	1	-	-	1	2
Male	5	2	-	-	-	-	1	-	-	-	2
Female	3	2	-	-	-	-	-	-	-	1	-
Black	6	2	-	-	-	-	1	-	-	1	2
Male	5	2	-	-	-	-	1	-	-	-	2
Female	1	-	-	-	-	-	-	-	-	1	-
By other psychotropic agents (E854)	217	123	-	-	-	1	2	8	3	9	71
Male	128	64	-	-	-	1	2	7	2	8	44
Female	89	59	-	-	-	-	-	1	1	1	27
White	193	108	-	-	-	1	1	6	3	8	66
Male	112	56	-	-	-	1	1	6	2	7	39
Female	81	52	-	-	-	-	-	-	1	1	27
All other	24	15	-	-	-	-	1	2	-	1	5
Male	16	8	-	-	-	-	1	1	-	1	5
Female	8	7	-	-	-	-	-	1	-	-	-
Black	19	13	-	-	-	-	1	1	-	1	3
Male	12	6	-	-	-	-	1	1	-	1	3
Female	7	7	-	-	-	-	-	-	-	-	-
By other drugs acting on central and autonomic nervous systems (E855)	821	364	1	-	2	5	41	54	20	74	260
Male	626	274	-	-	2	5	35	46	14	53	197
Female	195	90	1	-	-	-	6	8	6	21	63
White	463	228	-	-	2	3	7	32	14	36	141
Male	364	183	-	-	2	3	4	27	10	27	108
Female	99	45	-	-	-	-	3	5	4	9	33
All other	358	136	1	-	-	2	34	22	6	38	119
Male	262	91	-	-	-	2	31	19	4	26	89
Female	96	45	1	-	-	-	3	3	2	12	30
Black	342	129	1	-	-	2	34	20	6	36	114
Male	249	87	-	-	-	2	31	17	4	24	84
Female	93	42	1	-	-	-	3	3	2	12	30
By antibiotics (E856)	51	-	-	-	-	-	-	-	1	-	50
Male	25	-	-	-	-	-	-	-	1	-	24
Female	26	-	-	-	-	-	-	-	-	-	26
White	48	-	-	-	-	-	-	-	1	-	47
Male	25	-	-	-	-	-	-	-	1	-	24
Female	23	-	-	-	-	-	-	-	-	-	23
All other	3	-	-	-	-	-	-	-	-	-	3
Male	-	-	-	-	-	-	-	-	-	-	-
Female	3	-	-	-	-	-	-	-	-	-	3
Black	2	-	-	-	-	-	-	-	-	-	2
Male	-	-	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	-	-	-	-	2
By anti-infectives (E857)	7	-	-	-	-	-	-	-	-	-	7
Male	3	-	-	-	-	-	-	-	-	-	3
Female	4	-	-	-	-	-	-	-	-	-	4
White	7	-	-	-	-	-	-	-	-	-	7
Male	3	-	-	-	-	-	-	-	-	-	3
Female	4	-	-	-	-	-	-	-	-	-	4
All other	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
By other drugs (E858)	2,017	891	-	-	3	6	36	66	31	84	900
Male	1,288	585	-	-	1	6	31	48	19	72	526
Female	729	306	-	-	2	-	5	18	12	12	374
White	1,627	706	-	-	2	6	27	55	25	67	739
Male	1,034	464	-	-	1	6	24	39	15	57	428
Female	593	242	-	-	1	-	3	16	10	10	311
All other	390	185	-	-	1	-	9	11	6	17	161
Male	254	121	-	-	-	-	7	9	4	15	98
Female	136	64	-	-	1	-	2	2	2	2	63
Black	362	169	-	-	1	-	9	11	6	15	151
Male	235	110	-	-	-	-	7	9	4	13	92
Female	127	59	-	-	1	-	2	2	2	2	59
Agents primarily affecting cardiovascular system (E858.3)	257	14	-	-	-	-	-	-	5	-	238
Male	104	7	-	-	-	-	-	-	3	-	94
Female	153	7	-	-	-	-	-	-	2	-	144
White	220	10	-	-	-	-	-	-	5	-	205
Male	82	4	-	-	-	-	-	-	3	-	75
Female	138	6	-	-	-	-	-	-	2	-	130
All other	37	4	-	-	-	-	-	-	-	-	33
Male	22	3	-	-	-	-	-	-	-	-	19
Female	15	1	-	-	-	-	-	-	-	-	14
Black	33	4	-	-	-	-	-	-	-	-	29
Male	19	3	-	-	-	-	-	-	-	-	16
Female	14	1	-	-	-	-	-	-	-	-	13

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

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[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
By other drugs-Con.											
Agents primarily affecting gastrointestinal system (E858.4)	3	–	–	–	–	–	–	–	–	–	3
Male	3	–	–	–	–	–	–	–	–	–	3
Female	–	–	–	–	–	–	–	–	–	–	–
White	2	–	–	–	–	–	–	–	–	–	2
Male	2	–	–	–	–	–	–	–	–	–	2
Female	–	–	–	–	–	–	–	–	–	–	–
All other	1	–	–	–	–	–	–	–	–	–	1
Male	1	–	–	–	–	–	–	–	–	–	1
Female	–	–	–	–	–	–	–	–	–	–	–
Black	1	–	–	–	–	–	–	–	–	–	1
Male	1	–	–	–	–	–	–	–	–	–	1
Female	–	–	–	–	–	–	–	–	–	–	–
All other and unspecified drugs (E858.0-E858.2,E858.5-E858.9)	1,757	877	–	–	3	6	36	66	26	84	659
Male	1,181	578	–	–	1	6	31	48	16	72	429
Female	576	299	–	–	2	–	5	18	10	12	230
White	1,405	696	–	–	2	6	27	55	20	67	532
Male	950	460	–	–	1	6	24	39	12	57	351
Female	455	236	–	–	1	–	3	16	8	10	181
All other	352	181	–	–	1	–	9	11	6	17	127
Male	231	118	–	–	–	–	7	9	4	15	78
Female	121	63	–	–	1	–	2	2	2	2	49
Black	328	165	–	–	1	–	9	11	6	15	121
Male	215	107	–	–	–	–	7	9	4	13	75
Female	113	58	–	–	1	–	2	2	2	2	46
Accidental poisoning by other solid and liquid substances, gases and vapors (E860-E869)	1,297	627	12	1	58	17	37	40	10	137	358
Male	1,038	481	12	1	57	15	28	36	9	124	275
Female	259	146	–	–	1	2	9	4	1	13	83
White	1,065	512	12	1	50	17	34	34	9	114	282
Male	867	397	12	1	49	15	27	31	8	105	222
Female	198	115	–	–	1	2	7	3	1	9	60
All other	232	115	–	–	8	–	3	6	1	23	76
Male	171	84	–	–	8	–	1	5	1	19	53
Female	61	31	–	–	–	–	2	1	–	4	23
Black	197	104	–	–	8	–	1	4	1	16	63
Male	146	76	–	–	8	–	1	3	1	13	44
Female	51	28	–	–	–	–	–	1	–	3	19
By alcohol, not elsewhere classified (E860)	369	162	–	–	1	3	8	17	1	28	149
Male	287	118	–	–	1	3	7	13	1	27	117
Female	82	44	–	–	–	–	1	4	–	1	32
White	280	117	–	–	1	3	7	15	–	22	115
Male	222	85	–	–	1	3	7	12	–	21	93
Female	58	32	–	–	–	–	–	3	–	1	22
All other	89	45	–	–	–	–	1	2	1	6	34
Male	65	33	–	–	–	–	–	1	1	6	24
Female	24	12	–	–	–	–	1	1	–	–	10
Black	75	42	–	–	–	–	–	1	1	4	27
Male	55	31	–	–	–	–	–	–	1	4	19
Female	20	11	–	–	–	–	–	1	–	–	8
By cleansing and polishing agents, disinfectants, paints and varnishes (E861)	15	10	–	–	–	–	1	–	1	–	3
Male	13	9	–	–	–	–	1	–	1	–	2
Female	2	1	–	–	–	–	–	–	–	–	1
White	11	7	–	–	–	–	1	–	1	–	2
Male	10	7	–	–	–	–	1	–	1	–	1
Female	1	–	–	–	–	–	–	–	–	–	1
All other	4	3	–	–	–	–	–	–	–	–	1
Male	3	2	–	–	–	–	–	–	–	–	1
Female	1	1	–	–	–	–	–	–	–	–	–
Black	2	2	–	–	–	–	–	–	–	–	–
Male	1	1	–	–	–	–	–	–	–	–	–
Female	1	1	–	–	–	–	–	–	–	–	–
By petroleum products, other solvents and their vapors, not elsewhere classified (E862)	80	38	1	–	8	–	1	2	1	10	19
Male	70	34	1	–	8	–	–	2	1	9	15
Female	10	4	–	–	–	–	1	–	–	1	4
White	73	37	1	–	8	–	–	2	1	9	15
Male	64	33	1	–	8	–	–	2	1	8	11
Female	9	4	–	–	–	–	–	–	–	1	4
All other	7	1	–	–	–	–	1	–	–	1	4
Male	6	1	–	–	–	–	–	–	–	1	4
Female	1	–	–	–	–	–	1	–	–	–	–
Black	5	1	–	–	–	–	–	–	–	–	4
Male	5	1	–	–	–	–	–	–	–	–	4
Female	–	–	–	–	–	–	–	–	–	–	–

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

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[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
By agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E863)	10	4	–	–	–	–	–	–	–	1	5
Male	8	3	–	–	–	–	–	–	–	1	4
Female	2	1	–	–	–	–	–	–	–	–	1
White	4	3	–	–	–	–	–	–	–	–	1
Male	2	2	–	–	–	–	–	–	–	–	–
Female	2	1	–	–	–	–	–	–	–	–	1
All other	6	1	–	–	–	–	–	–	–	1	4
Male	6	1	–	–	–	–	–	–	–	1	4
Female	–	–	–	–	–	–	–	–	–	–	–
Black	5	1	–	–	–	–	–	–	–	1	3
Male	5	1	–	–	–	–	–	–	–	1	3
Female	–	–	–	–	–	–	–	–	–	–	–
By corrosives and caustics, not elsewhere classified (E864)	12	4	–	–	–	–	–	1	2	1	4
Male	8	2	–	–	–	–	–	1	2	1	2
Female	4	2	–	–	–	–	–	–	–	–	2
White	11	3	–	–	–	–	–	1	2	1	4
Male	7	1	–	–	–	–	–	1	2	1	2
Female	4	2	–	–	–	–	–	–	–	–	2
All other	1	1	–	–	–	–	–	–	–	–	–
Male	1	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Black	1	1	–	–	–	–	–	–	–	–	–
Male	1	1	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
From foodstuffs and poisonous plants (E865)	12	3	–	–	–	–	–	–	–	2	7
Male	6	2	–	–	–	–	–	–	–	1	3
Female	6	1	–	–	–	–	–	–	–	1	4
White	10	3	–	–	–	–	–	–	–	2	5
Male	6	2	–	–	–	–	–	–	–	1	3
Female	4	1	–	–	–	–	–	–	–	1	2
All other	2	–	–	–	–	–	–	–	–	–	2
Male	–	–	–	–	–	–	–	–	–	–	–
Female	2	–	–	–	–	–	–	–	–	–	2
Black	2	–	–	–	–	–	–	–	–	–	2
Male	–	–	–	–	–	–	–	–	–	–	–
Female	2	–	–	–	–	–	–	–	–	–	2
By other and unspecified solid and liquid substances (E866)	51	13	–	–	1	–	–	1	2	2	32
Male	35	11	–	–	1	–	–	1	1	2	19
Female	16	2	–	–	–	–	–	–	1	–	13
White	41	12	–	–	1	–	–	1	2	1	24
Male	28	10	–	–	1	–	–	1	1	1	14
Female	13	2	–	–	–	–	–	–	1	–	10
All other	10	1	–	–	–	–	–	–	–	1	8
Male	7	1	–	–	–	–	–	–	–	1	5
Female	3	–	–	–	–	–	–	–	–	–	3
Black	9	1	–	–	–	–	–	–	–	–	8
Male	6	1	–	–	–	–	–	–	–	–	5
Female	3	–	–	–	–	–	–	–	–	–	3
By gas distributed by pipeline (E867)	33	29	–	–	–	–	1	–	–	1	2
Male	22	19	–	–	–	–	1	–	–	1	1
Female	11	10	–	–	–	–	–	–	–	–	1
White	25	22	–	–	–	–	1	–	–	1	1
Male	18	15	–	–	–	–	1	–	–	1	1
Female	7	7	–	–	–	–	–	–	–	–	–
All other	8	7	–	–	–	–	–	–	–	–	1
Male	4	4	–	–	–	–	–	–	–	–	–
Female	4	3	–	–	–	–	–	–	–	–	1
Black	8	7	–	–	–	–	–	–	–	–	1
Male	4	4	–	–	–	–	–	–	–	–	–
Female	4	3	–	–	–	–	–	–	–	–	1
By other utility gas and other carbon monoxide (E868)	582	316	10	1	32	14	23	16	–	75	95
Male	474	249	10	1	31	12	16	16	–	65	74
Female	108	67	–	–	1	2	7	–	–	10	21
White	503	269	10	1	26	14	23	13	–	62	85
Male	414	211	10	1	25	12	16	13	–	56	70
Female	89	58	–	–	1	2	7	–	–	6	15
All other	79	47	–	–	6	–	–	3	–	13	10
Male	60	38	–	–	6	–	–	3	–	9	4
Female	19	9	–	–	–	–	–	–	–	4	6
Black	67	41	–	–	6	–	–	2	–	10	8
Male	52	33	–	–	6	–	–	2	–	7	4
Female	15	8	–	–	–	–	–	–	–	3	4
By other gases and vapors (E869)	133	48	1	–	16	–	3	3	3	17	42
Male	115	34	1	–	16	–	3	3	3	17	38
Female	18	14	–	–	–	–	–	–	–	–	4
White	107	39	1	–	14	–	2	2	3	16	30
Male	96	31	1	–	14	–	2	2	3	16	27
Female	11	8	–	–	–	–	–	–	–	–	3
All other	26	9	–	–	2	–	1	1	–	1	12
Male	19	3	–	–	2	–	1	1	–	1	11
Female	7	6	–	–	–	–	–	–	–	–	1
Black	23	8	–	–	2	–	1	1	–	1	10
Male	17	3	–	–	2	–	1	1	–	1	9
Female	6	5	–	–	–	–	–	–	–	–	1

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

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[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Accidental falls (E880-E888)	12,313	5,293	48	5	289	86	402	406	1,646	585	3,553
Male	6,311	2,710	45	5	282	71	322	287	657	483	1,449
Female	6,002	2,583	3	-	7	15	80	119	989	102	2,104
White	11,131	4,714	46	5	260	77	336	364	1,573	496	3,260
Male	5,565	2,362	43	5	253	66	260	254	616	408	1,298
Female	5,566	2,352	3	-	7	11	76	110	957	88	1,962
All other	1,182	579	2	-	29	9	66	42	73	89	293
Male	746	348	2	-	29	5	62	33	41	75	151
Female	436	231	-	-	-	4	4	9	32	14	142
Black	1,005	494	2	-	23	8	56	36	57	70	259
Male	629	304	2	-	23	4	52	29	31	57	127
Female	376	190	-	-	-	4	4	7	26	13	132
Fall on or from stairs or steps (E880)	1,148	916	2	-	3	7	7	73	23	36	81
Male	683	544	1	-	3	5	4	42	11	25	48
Female	465	372	1	-	-	2	3	31	12	11	33
White	1,024	814	2	-	2	7	6	68	22	26	77
Male	585	466	1	-	2	5	3	37	10	17	44
Female	439	348	1	-	-	2	3	31	12	9	33
All other	124	102	-	-	1	-	1	5	1	10	4
Male	98	78	-	-	1	-	1	5	1	8	4
Female	26	24	-	-	-	-	-	-	-	2	-
Black	111	91	-	-	-	-	1	4	1	10	4
Male	88	70	-	-	-	-	1	4	1	8	4
Female	23	21	-	-	-	-	-	-	-	2	-
Fall on or from ladders or scaffolding (E881)	316	164	11	-	58	-	16	21	-	22	24
Male	295	147	11	-	57	-	15	21	-	21	23
Female	21	17	-	-	1	-	1	-	-	1	1
White	294	153	10	-	55	-	14	19	-	22	21
Male	273	136	10	-	54	-	13	19	-	21	20
Female	21	17	-	-	1	-	1	-	-	1	1
All other	22	11	1	-	3	-	2	2	-	-	3
Male	22	11	1	-	3	-	2	2	-	-	3
Female	-	-	-	-	-	-	-	-	-	-	-
Black	16	7	1	-	3	-	2	1	-	-	2
Male	16	7	1	-	3	-	2	1	-	-	2
Female	-	-	-	-	-	-	-	-	-	-	-
Fall from or out of building or other structure (E882)	615	237	6	-	94	5	52	64	17	96	44
Male	535	180	6	-	93	3	50	57	14	89	43
Female	80	57	-	-	1	2	2	7	3	7	1
White	503	187	6	-	84	3	46	57	13	72	35
Male	441	142	6	-	83	2	44	51	12	67	34
Female	62	45	-	-	1	1	2	6	1	5	1
All other	112	50	-	-	10	2	6	7	4	24	9
Male	94	38	-	-	10	1	6	6	2	22	9
Female	18	12	-	-	-	1	-	1	2	2	-
Black	99	45	-	-	8	2	6	7	4	19	8
Male	84	36	-	-	8	1	6	6	2	17	8
Female	15	9	-	-	-	1	-	1	2	2	-
Fall into hole or other opening in surface (E883)	84	14	7	4	13	5	3	11	1	18	8
Male	72	9	6	4	13	5	1	9	1	17	7
Female	12	5	1	-	-	-	2	2	-	1	1
White	72	13	7	4	10	5	2	7	1	16	7
Male	63	9	6	4	10	5	1	6	1	15	6
Female	9	4	1	-	-	-	1	1	-	1	1
All other	12	1	-	-	3	-	1	4	-	2	1
Male	9	-	-	-	3	-	-	3	-	2	1
Female	3	1	-	-	-	-	1	1	-	-	-
Black	11	1	-	-	3	-	1	4	-	1	1
Male	8	-	-	-	3	-	-	3	-	1	1
Female	3	1	-	-	-	-	1	1	-	-	-
Other fall from one level to another (E884)	1,031	341	13	1	61	33	38	33	263	174	74
Male	688	197	13	1	60	28	33	28	122	150	56
Female	343	144	-	-	1	5	5	5	141	24	18
White	915	292	12	1	57	28	31	27	247	156	64
Male	611	170	12	1	56	26	27	24	114	135	46
Female	304	122	-	-	1	2	4	3	133	21	18
All other	116	49	1	-	4	5	7	6	16	18	10
Male	77	27	1	-	4	2	6	4	8	15	10
Female	39	22	-	-	-	3	1	2	8	3	-
Black	90	43	1	-	2	4	5	5	14	9	7
Male	58	25	1	-	2	1	4	4	7	7	7
Female	32	18	-	-	-	3	1	1	7	2	-
Fall on same level from slipping, tripping, or stumbling (E885)	491	281	1	-	3	13	27	16	89	33	28
Male	237	123	1	-	3	10	18	7	38	23	14
Female	254	158	-	-	-	3	9	9	51	10	14
White	469	269	1	-	3	13	26	16	85	30	26
Male	224	119	1	-	3	10	17	7	34	21	12
Female	245	150	-	-	-	3	9	9	51	9	14
All other	22	12	-	-	-	-	1	-	4	3	2
Male	13	4	-	-	-	-	1	-	4	2	2
Female	9	8	-	-	-	-	-	-	-	1	-
Black	15	10	-	-	-	-	-	-	2	2	1
Male	7	3	-	-	-	-	-	-	2	1	1
Female	8	7	-	-	-	-	-	-	-	1	-

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.
(Page 6 of 16)

[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fall on same level from collision, pushing, or shoving, by or with other person (E886)	8	2	-	-	-	1	-	-	3	1	1
Male	6	1	-	-	-	1	-	-	2	1	1
Female	2	1	-	-	-	-	-	-	1	-	-
White	7	2	-	-	-	1	-	-	3	1	-
Male	5	1	-	-	-	1	-	-	2	1	-
Female	2	1	-	-	-	-	-	-	1	-	-
All other	1	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Black	1	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Fracture, cause unspecified (E887)	2,837	85	-	-	2	-	5	4	96	5	2,640
Male	992	30	-	-	2	-	3	1	32	3	921
Female	1,845	55	-	-	-	-	2	3	64	2	1,719
White	2,656	79	-	-	2	-	5	4	91	5	2,470
Male	932	29	-	-	2	-	3	1	31	3	863
Female	1,724	50	-	-	-	-	2	3	60	2	1,607
All other	181	6	-	-	-	-	-	-	5	-	170
Male	60	1	-	-	-	-	-	-	1	-	58
Female	121	5	-	-	-	-	-	-	4	-	112
Black	162	5	-	-	-	-	-	-	3	-	154
Male	51	1	-	-	-	-	-	-	1	-	49
Female	111	4	-	-	-	-	-	-	2	-	105
Other and unspecified fall (E888)	5,783	3,253	8	-	55	22	254	184	1,154	200	653
Male	2,803	1,479	7	-	51	19	198	122	437	154	336
Female	2,980	1,774	1	-	4	3	56	62	717	46	317
White	5,191	2,905	8	-	47	20	206	166	1,111	168	560
Male	2,431	1,290	7	-	43	17	152	109	412	128	273
Female	2,760	1,615	1	-	4	3	54	57	699	40	287
All other	592	348	-	-	8	2	48	18	43	32	93
Male	372	189	-	-	8	2	46	13	25	26	63
Female	220	159	-	-	-	-	2	5	18	6	30
Black	500	292	-	-	7	2	41	15	33	29	81
Male	316	162	-	-	7	2	39	11	18	23	54
Female	184	130	-	-	-	-	2	4	15	6	27
Accidents caused by fire and flames (E890-E899)	4,175	3,813	9	-	41	2	14	35	21	120	120
Male	2,571	2,295	9	-	41	2	13	29	14	100	68
Female	1,604	1,518	-	-	-	-	1	6	7	20	52
White	2,848	2,569	8	-	33	2	13	26	17	92	88
Male	1,765	1,549	8	-	33	2	12	23	10	79	49
Female	1,083	1,020	-	-	-	-	1	3	7	13	39
All other	1,327	1,244	1	-	8	-	1	9	4	28	32
Male	806	746	1	-	8	-	1	6	4	21	19
Female	521	498	-	-	-	-	-	3	-	7	13
Black	1,254	1,176	1	-	8	-	1	8	4	26	30
Male	755	699	1	-	8	-	1	6	4	19	17
Female	499	477	-	-	-	-	-	2	-	7	13
By conflagration in private dwelling (E890)	3,509	3,466	-	-	-	1	-	-	-	42	-
Male	2,117	2,084	-	-	-	1	-	-	-	32	-
Female	1,392	1,382	-	-	-	-	-	-	-	10	-
White	2,332	2,304	-	-	-	1	-	-	-	27	-
Male	1,415	1,391	-	-	-	1	-	-	-	23	-
Female	917	913	-	-	-	-	-	-	-	4	-
All other	1,177	1,162	-	-	-	-	-	-	-	15	-
Male	702	693	-	-	-	-	-	-	-	9	-
Female	475	469	-	-	-	-	-	-	-	6	-
Black	1,120	1,105	-	-	-	-	-	-	-	15	-
Male	664	655	-	-	-	-	-	-	-	9	-
Female	456	450	-	-	-	-	-	-	-	6	-
By conflagration in other unspecified building or structure (E891)	95	5	2	-	18	-	-	28	9	18	15
Male	74	3	2	-	18	-	-	22	7	16	6
Female	21	2	-	-	-	-	-	6	2	2	9
White	72	3	2	-	14	-	-	20	7	13	13
Male	55	2	2	-	14	-	-	17	5	11	4
Female	17	1	-	-	-	-	-	3	2	2	9
All other	23	2	-	-	4	-	-	8	2	5	2
Male	19	1	-	-	4	-	-	5	2	5	2
Female	4	1	-	-	-	-	-	3	-	-	-
Black	22	2	-	-	4	-	-	7	2	5	2
Male	19	1	-	-	4	-	-	5	2	5	2
Female	3	1	-	-	-	-	-	2	-	-	-
By conflagration not in building or structure (E892)	70	20	1	-	4	-	4	3	-	31	7
Male	60	15	1	-	4	-	4	3	-	27	6
Female	10	5	-	-	-	-	-	-	-	4	1
White	63	18	1	-	4	-	4	2	-	27	7
Male	53	13	1	-	4	-	4	2	-	23	6
Female	10	5	-	-	-	-	-	-	-	4	1
All other	7	2	-	-	-	-	-	1	-	4	-
Male	7	2	-	-	-	-	-	1	-	4	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	3	-	-	-	-	-	-	1	-	2	-
Male	3	-	-	-	-	-	-	1	-	2	-
Female	-	-	-	-	-	-	-	-	-	-	-

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

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[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
By ignition of clothing (E893)	161	133	3	-	2	-	2	1	3	12	5
Male	85	63	3	-	2	-	2	1	1	10	3
Female	76	70	-	-	-	-	-	-	2	2	2
White	133	109	3	-	1	-	2	1	2	11	4
Male	67	49	3	-	1	-	2	1	-	9	2
Female	66	60	-	-	-	-	-	-	2	2	2
All other	28	24	-	-	1	-	-	-	1	1	1
Male	18	14	-	-	1	-	-	-	1	1	1
Female	10	10	-	-	-	-	-	-	-	-	-
Black	25	21	-	-	1	-	-	-	1	1	1
Male	16	12	-	-	1	-	-	-	1	1	1
Female	9	9	-	-	-	-	-	-	-	-	-
By ignition of highly inflammable material (E894)	53	37	-	-	5	-	-	2	-	5	4
Male	47	31	-	-	5	-	-	2	-	5	4
Female	6	6	-	-	-	-	-	-	-	-	-
White	42	28	-	-	4	-	-	2	-	5	3
Male	38	24	-	-	4	-	-	2	-	5	3
Female	4	4	-	-	-	-	-	-	-	-	-
All other	11	9	-	-	1	-	-	-	-	-	1
Male	9	7	-	-	1	-	-	-	-	-	1
Female	2	2	-	-	-	-	-	-	-	-	-
Black	9	7	-	-	1	-	-	-	-	-	1
Male	7	5	-	-	1	-	-	-	-	-	1
Female	2	2	-	-	-	-	-	-	-	-	-
By controlled fire in private dwelling (E895)	32	32	-	-	-	-	-	-	-	-	-
Male	18	18	-	-	-	-	-	-	-	-	-
Female	14	14	-	-	-	-	-	-	-	-	-
White	19	19	-	-	-	-	-	-	-	-	-
Male	10	10	-	-	-	-	-	-	-	-	-
Female	9	9	-	-	-	-	-	-	-	-	-
All other	13	13	-	-	-	-	-	-	-	-	-
Male	8	8	-	-	-	-	-	-	-	-	-
Female	5	5	-	-	-	-	-	-	-	-	-
Black	12	12	-	-	-	-	-	-	-	-	-
Male	8	8	-	-	-	-	-	-	-	-	-
Female	4	4	-	-	-	-	-	-	-	-	-
By controlled fire in other and unspecified building or structure (E896)	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
White	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
By controlled fire not in building or structure (E897)	19	13	1	-	-	1	1	-	-	3	-
Male	17	11	1	-	-	1	1	-	-	3	-
Female	2	2	-	-	-	-	-	-	-	-	-
White	15	9	1	-	-	1	1	-	-	3	-
Male	14	8	1	-	-	1	1	-	-	3	-
Female	1	1	-	-	-	-	-	-	-	-	-
All other	4	4	-	-	-	-	-	-	-	-	-
Male	3	3	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-
Black	4	4	-	-	-	-	-	-	-	-	-
Male	3	3	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-
By other specified fire or flames (E898)	98	79	2	-	3	-	-	1	7	2	4
Male	64	50	2	-	3	-	-	1	4	2	2
Female	34	29	-	-	-	-	-	-	3	-	2
White	74	57	1	-	3	-	-	1	6	2	4
Male	49	37	1	-	3	-	-	1	3	2	2
Female	25	20	-	-	-	-	-	-	3	-	2
All other	24	22	1	-	-	-	-	-	1	-	-
Male	15	13	1	-	-	-	-	-	1	-	-
Female	9	9	-	-	-	-	-	-	-	-	-
Black	22	20	1	-	-	-	-	-	1	-	-
Male	13	11	1	-	-	-	-	-	1	-	-
Female	9	9	-	-	-	-	-	-	-	-	-
By unspecified fire (E899)	138	28	-	-	9	-	7	-	2	7	85
Male	89	20	-	-	9	-	6	-	2	5	47
Female	49	8	-	-	-	-	1	-	-	2	38
White	98	22	-	-	7	-	6	-	2	4	57
Male	64	15	-	-	7	-	5	-	2	3	32
Female	34	7	-	-	-	-	1	-	-	1	25
All other	40	6	-	-	2	-	1	-	-	3	28
Male	25	5	-	-	2	-	1	-	-	2	15
Female	15	1	-	-	-	-	-	-	-	1	13
Black	37	5	-	-	2	-	1	-	-	3	26
Male	22	4	-	-	2	-	1	-	-	2	13
Female	15	1	-	-	-	-	-	-	-	1	13

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

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[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Accidents due to natural and environmental factors (E900-E909)	1,453	385	67	2	17	45	126	29	11	281	490
Male	1,005	226	51	2	17	41	98	24	8	228	310
Female	448	159	16	–	–	4	28	5	3	53	180
White	1,085	288	65	1	14	38	88	23	8	204	356
Male	758	179	50	1	14	35	65	18	5	169	222
Female	327	109	15	–	–	3	23	5	3	35	134
All other	368	97	2	1	3	7	38	6	3	77	134
Male	247	47	1	1	3	6	33	6	3	59	88
Female	121	50	1	–	–	1	5	–	–	18	46
Black	290	81	1	1	2	7	33	6	3	40	116
Male	191	40	–	1	2	6	29	6	3	29	75
Female	99	41	1	–	–	1	4	–	–	11	41
Excessive heat (E900)	300	111	8	–	7	8	19	5	3	54	85
Male	194	59	6	–	7	5	14	4	3	42	54
Female	106	52	2	–	–	3	5	1	–	12	31
White	221	77	7	–	7	6	13	5	2	45	59
Male	152	47	6	–	7	3	9	4	2	36	38
Female	69	30	1	–	–	3	4	1	–	9	21
All other	79	34	1	–	–	2	6	–	1	9	26
Male	42	12	–	–	–	2	5	–	1	6	16
Female	37	22	1	–	–	–	1	–	–	3	10
Black	73	32	1	–	–	2	6	–	1	6	25
Male	41	12	–	–	–	2	5	–	1	5	16
Female	32	20	1	–	–	–	1	–	–	1	9
Excessive cold (E901)	596	132	13	–	4	11	64	13	6	139	214
Male	437	85	7	–	4	11	53	12	3	113	149
Female	159	47	6	–	–	–	11	1	3	26	65
White	381	88	12	–	1	9	39	7	5	86	134
Male	277	57	6	–	1	9	30	6	2	73	93
Female	104	31	6	–	–	–	9	1	3	13	41
All other	215	44	1	–	3	2	25	6	1	53	80
Male	160	28	1	–	3	2	23	6	1	40	56
Female	55	16	–	–	–	–	2	–	–	13	24
Black	155	33	–	–	2	2	21	6	1	23	67
Male	114	23	–	–	2	2	19	6	1	15	46
Female	41	10	–	–	–	–	2	–	–	8	21
High and low air pressure and changes in air pressure (E902)	23	–	–	–	–	–	–	–	–	6	17
Male	16	–	–	–	–	–	–	–	–	5	11
Female	7	–	–	–	–	–	–	–	–	1	6
White	17	–	–	–	–	–	–	–	–	6	11
Male	14	–	–	–	–	–	–	–	–	5	9
Female	3	–	–	–	–	–	–	–	–	1	2
All other	6	–	–	–	–	–	–	–	–	–	6
Male	2	–	–	–	–	–	–	–	–	–	2
Female	4	–	–	–	–	–	–	–	–	–	4
Black	5	–	–	–	–	–	–	–	–	–	5
Male	1	–	–	–	–	–	–	–	–	–	1
Female	4	–	–	–	–	–	–	–	–	–	4
Travel and motion (E903)	1	–	–	–	–	–	–	–	–	–	1
Male	1	–	–	–	–	–	–	–	–	–	1
Female	–	–	–	–	–	–	–	–	–	–	–
White	1	–	–	–	–	–	–	–	–	–	1
Male	1	–	–	–	–	–	–	–	–	–	1
Female	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Hunger, thirst, exposure, neglect (E904)	132	18	2	–	–	1	1	–	–	16	94
Male	68	12	2	–	–	1	–	–	–	12	41
Female	64	6	–	–	–	–	1	–	–	4	53
White	113	12	2	–	–	–	1	–	–	14	84
Male	58	10	2	–	–	–	–	–	–	10	36
Female	55	2	–	–	–	–	1	–	–	4	48
All other	19	6	–	–	–	1	–	–	–	2	10
Male	10	2	–	–	–	1	–	–	–	2	5
Female	9	4	–	–	–	–	–	–	–	–	5
Black	14	5	–	–	–	1	–	–	–	1	7
Male	6	1	–	–	–	1	–	–	–	1	3
Female	8	4	–	–	–	–	–	–	–	–	4
Venomous animals and plants as the cause of poisoning and toxic reactions (E905)	55	23	1	–	–	3	–	3	1	4	20
Male	43	19	1	–	–	3	–	3	1	3	13
Female	12	4	–	–	–	–	–	–	–	1	7
White	50	21	1	–	–	3	–	3	–	4	18
Male	39	17	1	–	–	3	–	3	–	3	12
Female	11	4	–	–	–	–	–	–	–	1	6
All other	5	2	–	–	–	–	–	–	1	–	2
Male	4	2	–	–	–	–	–	–	1	–	1
Female	1	–	–	–	–	–	–	–	–	–	1
Black	4	1	–	–	–	–	–	–	1	–	2
Male	3	1	–	–	–	–	–	–	1	–	1
Female	1	–	–	–	–	–	–	–	–	–	1

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

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[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Other injury caused by animals (E906)	106	38	30	–	–	4	3	1	–	11	19
Male	66	18	23	–	–	4	2	1	–	8	10
Female	40	20	7	–	–	–	1	–	–	3	9
White	96	35	30	–	–	4	3	1	–	9	14
Male	61	18	23	–	–	4	2	1	–	6	7
Female	35	17	7	–	–	–	1	–	–	3	7
All other	10	3	–	–	–	–	–	–	–	2	5
Male	5	–	–	–	–	–	–	–	–	2	3
Female	5	3	–	–	–	–	–	–	–	–	2
Black	7	2	–	–	–	–	–	–	–	–	5
Male	3	–	–	–	–	–	–	–	–	–	3
Female	4	2	–	–	–	–	–	–	–	–	2
Lightning (E907)	89	11	10	2	5	13	4	–	1	24	19
Male	81	10	9	2	5	13	4	–	1	19	18
Female	8	1	1	–	–	–	–	–	–	5	1
White	75	9	10	1	5	12	3	–	1	20	14
Male	70	9	9	1	5	12	3	–	1	17	13
Female	5	–	1	–	–	–	–	–	–	3	1
All other	14	2	–	1	–	1	1	–	–	4	5
Male	11	1	–	1	–	1	1	–	–	2	5
Female	3	1	–	–	–	–	–	–	–	2	–
Black	14	2	–	1	–	1	1	–	–	4	5
Male	11	1	–	1	–	1	1	–	–	2	5
Female	3	1	–	–	–	–	–	–	–	2	–
Cataclysmic storms, and floods resulting from storms (E908)	138	50	3	–	–	1	35	7	–	22	20
Male	87	22	3	–	–	–	25	4	–	21	12
Female	51	28	–	–	–	1	10	3	–	1	8
White	119	44	3	–	–	–	29	7	–	16	20
Male	75	20	3	–	–	–	21	4	–	15	12
Female	44	24	–	–	–	–	8	3	–	1	8
All other	19	6	–	–	–	1	6	–	–	6	–
Male	12	2	–	–	–	–	4	–	–	6	–
Female	7	4	–	–	–	1	2	–	–	–	–
Black	17	6	–	–	–	1	5	–	–	5	–
Male	11	2	–	–	–	–	4	–	–	5	–
Female	6	4	–	–	–	1	1	–	–	–	–
Cataclysmic earth surface movements and eruptions (E909)	13	2	–	–	1	4	–	–	–	5	1
Male	12	1	–	–	1	4	–	–	–	5	1
Female	1	1	–	–	–	–	–	–	–	–	–
White	12	2	–	–	1	4	–	–	–	4	1
Male	11	1	–	–	1	4	–	–	–	4	1
Female	1	1	–	–	–	–	–	–	–	–	–
All other	1	–	–	–	–	–	–	–	–	1	–
Male	1	–	–	–	–	–	–	–	–	1	–
Female	–	–	–	–	–	–	–	–	–	–	–
Black	1	–	–	–	–	–	–	–	–	1	–
Male	1	–	–	–	–	–	–	–	–	1	–
Female	–	–	–	–	–	–	–	–	–	–	–
Accidents caused by submersion, suffocation and foreign bodies (E910-E915)	8,204	1,883	89	25	73	718	28	137	310	1,884	3,057
Male	5,528	1,189	77	22	72	610	23	100	152	1,655	1,628
Female	2,676	694	12	3	1	108	5	37	158	229	1,429
White	6,479	1,502	73	20	61	523	22	99	275	1,396	2,508
Male	4,275	940	62	18	60	439	17	71	131	1,236	1,301
Female	2,204	562	11	2	1	84	5	28	144	160	1,207
All other	1,725	381	16	5	12	195	6	38	35	488	549
Male	1,253	249	15	4	12	171	6	29	21	419	327
Female	472	132	1	1	–	24	–	9	14	69	222
Black	1,432	314	15	3	9	166	6	35	29	364	491
Male	1,029	211	14	3	9	146	6	26	15	314	285
Female	403	103	1	–	–	20	–	9	14	50	206
Accidental drowning and submersion (E910)	3,979	896	61	25	16	699	12	64	16	1,796	394
Male	3,203	542	51	22	15	594	12	46	8	1,584	329
Female	776	354	10	3	1	105	–	18	8	212	65
White	3,006	732	46	20	12	506	11	35	13	1,327	304
Male	2,390	426	37	18	11	425	11	24	6	1,180	252
Female	616	306	9	2	1	81	–	11	7	147	52
All other	973	164	15	5	4	193	1	29	3	469	90
Male	813	116	14	4	4	169	1	22	2	404	77
Female	160	48	1	1	–	24	–	7	1	65	13
Black	777	131	14	3	3	165	1	27	3	352	78
Male	655	99	13	3	3	145	1	20	2	304	65
Female	122	32	1	–	–	20	–	7	1	48	13
In recreation activities (E910.0-E910.2)	843	36	11	9	1	257	–	15	1	475	38
Male	754	31	10	8	1	227	–	11	1	433	32
Female	89	5	1	1	–	30	–	4	–	42	6
White	634	22	8	7	–	185	–	12	1	372	27
Male	563	18	7	7	–	159	–	8	1	341	22
Female	71	4	1	–	–	26	–	4	–	31	5
All other	209	14	3	2	1	72	–	3	–	103	11
Male	191	13	3	1	1	68	–	3	–	92	10
Female	18	1	–	1	–	4	–	–	–	11	1
Black	170	12	2	1	1	66	–	3	–	75	10
Male	159	11	2	1	1	62	–	3	–	70	9
Female	11	1	–	–	–	4	–	–	–	5	1

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

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[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Accidental drowning and submersion-Con.											
All other and unspecified (E910.3-E910.9)	3,136	860	50	16	15	442	12	49	15	1,321	356
Male	2,449	511	41	14	14	367	12	35	7	1,151	297
Female	687	349	9	2	1	75	-	14	8	170	59
White	2,372	710	38	13	12	321	11	23	12	955	277
Male	1,827	408	30	11	11	266	11	16	5	839	230
Female	545	302	8	2	1	55	-	7	7	116	47
All other	764	150	12	3	3	121	1	26	3	366	79
Male	622	103	11	3	3	101	1	19	2	312	67
Female	142	47	1	-	-	20	-	7	1	54	12
Black	607	119	12	2	2	99	1	24	3	277	68
Male	496	88	11	2	2	83	1	17	2	234	56
Female	111	31	1	-	-	16	-	7	1	43	12
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation (E911)	1,374	366	1	-	1	8	5	46	198	22	727
Male	750	211	-	-	1	7	4	31	99	13	384
Female	624	155	1	-	-	1	1	15	99	9	343
White	1,144	302	1	-	1	7	3	41	176	18	595
Male	616	178	-	-	1	6	2	28	87	12	302
Female	528	124	1	-	-	1	1	13	89	6	293
All other	230	64	-	-	-	1	2	5	22	4	132
Male	134	33	-	-	-	1	2	3	12	1	82
Female	96	31	-	-	-	-	-	2	10	3	50
Black	203	57	-	-	-	-	2	4	18	3	119
Male	115	29	-	-	-	-	2	2	8	1	73
Female	88	28	-	-	-	-	-	2	10	2	46
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation (E912)	1,929	85	1	-	5	3	3	7	25	4	1,796
Male	901	55	1	-	5	3	2	5	15	3	812
Female	1,028	30	-	-	-	-	1	2	10	1	984
White	1,597	65	1	-	4	2	3	5	19	1	1,497
Male	729	40	1	-	4	2	2	3	11	1	665
Female	868	25	-	-	-	-	1	2	8	-	832
All other	332	20	-	-	1	1	-	2	6	3	299
Male	172	15	-	-	1	1	-	2	4	2	147
Female	160	5	-	-	-	-	-	-	2	1	152
Black	299	14	-	-	1	1	-	2	6	2	273
Male	154	11	-	-	1	1	-	2	4	2	133
Female	145	3	-	-	-	-	-	-	2	-	140
Accidental mechanical suffocation (E913)	892	533	26	-	51	8	7	20	65	62	120
Male	657	378	25	-	51	6	5	18	28	55	91
Female	235	155	1	-	-	2	2	2	37	7	29
White	708	402	25	-	44	8	4	18	61	50	96
Male	528	295	24	-	44	6	2	16	25	43	73
Female	180	107	1	-	-	2	2	2	36	7	23
All other	184	131	1	-	7	-	3	2	4	12	24
Male	129	83	1	-	7	-	3	2	3	12	18
Female	55	48	-	-	-	-	-	-	1	-	6
Black	148	110	1	-	5	-	3	2	2	7	18
Male	101	70	1	-	5	-	3	2	1	7	12
Female	47	40	-	-	-	-	-	-	1	-	6
In bed or cradle (E913.0)	207	159	-	-	-	-	-	1	26	5	16
Male	112	90	-	-	-	-	-	1	7	3	11
Female	95	69	-	-	-	-	-	-	19	2	5
White	144	105	-	-	-	-	-	1	25	5	8
Male	72	56	-	-	-	-	-	1	7	3	5
Female	72	49	-	-	-	-	-	-	18	2	3
All other	63	54	-	-	-	-	-	-	1	-	8
Male	40	34	-	-	-	-	-	-	-	-	6
Female	23	20	-	-	-	-	-	-	1	-	2
Black	56	48	-	-	-	-	-	-	1	-	7
Male	35	30	-	-	-	-	-	-	-	-	5
Female	21	18	-	-	-	-	-	-	1	-	2
Other and unspecified (E913.1-E913.9)	685	374	26	-	51	8	7	19	39	57	104
Male	545	288	25	-	51	6	5	17	21	52	80
Female	140	86	1	-	-	2	2	2	18	5	24
White	564	297	25	-	44	8	4	17	36	45	88
Male	456	239	24	-	44	6	2	15	18	40	68
Female	108	58	1	-	-	2	2	2	18	5	20
All other	121	77	1	-	7	-	3	2	3	12	16
Male	89	49	1	-	7	-	3	2	3	12	12
Female	32	28	-	-	-	-	-	-	-	-	4
Black	92	62	1	-	5	-	3	2	1	7	11
Male	66	40	1	-	5	-	3	2	1	7	7
Female	26	22	-	-	-	-	-	-	-	-	4
Foreign body accidentally entering eye or adnexa (E914)	1	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
White	1	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.
(Page 11 of 16)

[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Foreign bodies accidentally entering other orifice (E915)	29	3	-	-	-	-	1	-	6	-	19
Male	16	3	-	-	-	-	-	-	2	-	11
Female	13	-	-	-	-	-	1	-	4	-	8
White	23	1	-	-	-	-	1	-	6	-	15
Male	11	1	-	-	-	-	-	-	2	-	8
Female	12	-	-	-	-	-	1	-	4	-	7
All other	6	2	-	-	-	-	-	-	-	-	4
Male	5	2	-	-	-	-	-	-	-	-	3
Female	1	-	-	-	-	-	-	-	-	-	1
Black	5	2	-	-	-	-	-	-	-	-	3
Male	4	2	-	-	-	-	-	-	-	-	2
Female	1	-	-	-	-	-	-	-	-	-	1
Other accidents (E916-E928)	6,762	1,696	553	49	848	64	203	148	70	656	2,475
Male	5,599	1,390	518	48	829	57	179	125	38	623	1,792
Female	1,163	306	35	1	19	7	24	23	32	33	683
White	5,666	1,406	540	48	717	57	157	117	58	548	2,018
Male	4,695	1,159	505	48	701	52	141	98	30	522	1,439
Female	971	247	35	-	16	5	16	19	28	26	579
All other	1,096	290	13	1	131	7	46	31	12	108	457
Male	904	231	13	-	128	5	38	27	8	101	353
Female	192	59	-	1	3	2	8	4	4	7	104
Black	932	248	11	-	109	6	37	26	12	83	400
Male	773	197	11	-	107	4	31	22	8	77	316
Female	159	51	-	-	2	2	6	4	4	6	84
Struck accidentally by falling object (E916)	797	250	59	25	158	11	41	21	3	156	73
Male	745	226	55	24	155	10	35	17	2	150	71
Female	52	24	4	1	3	1	6	4	1	6	2
White	682	223	56	24	127	11	31	17	2	127	64
Male	637	200	52	24	125	10	27	13	1	122	63
Female	45	23	4	-	2	1	4	4	1	5	1
All other	115	27	3	1	31	-	10	4	1	29	9
Male	108	26	3	-	30	-	8	4	1	28	8
Female	7	1	-	1	1	-	2	-	-	1	1
Black	96	23	3	-	28	-	6	4	1	23	8
Male	92	22	3	-	27	-	5	4	1	22	8
Female	4	1	-	-	1	-	1	-	-	1	-
Striking against or struck accidentally by objects or persons (E917)	215	54	8	-	47	20	6	17	10	29	24
Male	178	34	7	-	46	17	5	15	6	26	22
Female	37	20	1	-	1	3	1	2	4	3	2
White	176	44	8	-	39	17	5	15	6	26	16
Male	145	29	7	-	38	14	4	13	3	23	14
Female	31	15	1	-	1	3	1	2	3	3	2
All other	39	10	-	-	8	3	1	2	4	3	8
Male	33	5	-	-	8	3	1	2	3	3	8
Female	6	5	-	-	-	-	-	-	1	-	-
Black	29	7	-	-	7	2	1	1	4	1	6
Male	25	4	-	-	7	2	1	1	3	1	6
Female	4	3	-	-	-	-	-	-	1	-	-
Caught accidentally in or between objects (E918)	99	34	4	1	25	-	4	3	6	14	8
Male	79	25	4	1	24	-	3	1	1	13	7
Female	20	9	-	-	1	-	1	2	5	1	1
White	82	28	3	1	20	-	4	2	6	11	7
Male	65	21	3	1	19	-	3	1	1	10	6
Female	17	7	-	-	1	-	1	1	5	1	1
All other	17	6	1	-	5	-	-	1	-	3	1
Male	14	4	1	-	5	-	-	-	-	3	1
Female	3	2	-	-	-	-	-	1	-	-	-
Black	13	4	1	-	3	-	-	1	-	3	1
Male	10	2	1	-	3	-	-	-	-	3	1
Female	3	2	-	-	-	-	-	1	-	-	-
Accident caused by machinery (E919)	1,184	141	403	11	286	6	32	24	8	136	137
Male	1,113	129	376	11	277	6	31	23	6	131	123
Female	71	12	27	-	9	-	1	1	2	5	14
White	1,088	138	396	11	241	5	28	20	8	122	119
Male	1,021	126	369	11	233	5	27	19	6	117	108
Female	67	12	27	-	8	-	1	1	2	5	11
All other	96	3	7	-	45	1	4	4	-	14	18
Male	92	3	7	-	44	1	4	4	-	14	15
Female	4	-	-	-	1	-	-	-	-	-	3
Black	71	3	6	-	35	1	3	2	-	7	14
Male	69	3	6	-	34	1	3	2	-	7	13
Female	2	-	-	-	1	-	-	-	-	-	1
Accident caused by cutting or piercing instruments or objects (E920)	108	50	-	-	7	1	3	6	-	16	25
Male	89	35	-	-	7	1	3	6	-	15	22
Female	19	15	-	-	-	-	-	-	-	1	3
White	80	37	-	-	3	1	3	5	-	14	17
Male	64	24	-	-	3	1	3	5	-	14	14
Female	16	13	-	-	-	-	-	-	-	-	3
All other	28	13	-	-	4	-	-	1	-	2	8
Male	25	11	-	-	4	-	-	1	-	1	8
Female	3	2	-	-	-	-	-	-	-	1	-
Black	20	9	-	-	2	-	-	1	-	1	7
Male	18	7	-	-	2	-	-	1	-	1	7
Female	2	2	-	-	-	-	-	-	-	-	-

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

(Page 12 of 16)

[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Accident caused by cutting or piercing instruments or objects-Con.											
Powered hand tools (E920.0-E920.1)	20	8	-	-	3	-	1	-	-	4	4
Male	18	6	-	-	3	-	1	-	-	4	4
Female	2	2	-	-	-	-	-	-	-	-	-
White	18	8	-	-	2	-	1	-	-	3	4
Male	16	6	-	-	2	-	1	-	-	3	4
Female	2	2	-	-	-	-	-	-	-	-	-
All other	2	-	-	-	1	-	-	-	-	1	-
Male	2	-	-	-	1	-	-	-	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	1	-	-	-	-	-	-	-	-	1	-
Male	1	-	-	-	-	-	-	-	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-
Powered household appliances and implements (E920.2)	1	-	-	-	-	-	-	-	-	1	-
Male	1	-	-	-	-	-	-	-	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-
White	1	-	-	-	-	-	-	-	-	1	-
Male	1	-	-	-	-	-	-	-	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
All other hand tools and implements (E920.3-E920.4)	7	4	-	-	1	-	-	1	-	-	1
Male	6	3	-	-	1	-	-	1	-	-	1
Female	1	1	-	-	-	-	-	-	-	-	-
White	5	3	-	-	-	-	-	1	-	-	1
Male	4	2	-	-	-	-	-	1	-	-	1
Female	1	1	-	-	-	-	-	-	-	-	-
All other	2	1	-	-	1	-	-	-	-	-	-
Male	2	1	-	-	1	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	2	1	-	-	1	-	-	-	-	-	-
Male	2	1	-	-	1	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Other (E920.8)	49	28	-	-	2	1	-	5	-	8	5
Male	40	20	-	-	2	1	-	5	-	7	5
Female	9	8	-	-	-	-	-	-	-	1	-
White	37	21	-	-	1	1	-	4	-	7	3
Male	30	14	-	-	1	1	-	4	-	7	3
Female	7	7	-	-	-	-	-	-	-	-	-
All other	12	7	-	-	1	-	-	1	-	1	2
Male	10	6	-	-	1	-	-	1	-	-	2
Female	2	1	-	-	-	-	-	-	-	1	-
Black	7	4	-	-	-	-	-	1	-	-	2
Male	6	3	-	-	-	-	-	1	-	-	2
Female	1	1	-	-	-	-	-	-	-	-	-
Unspecified (E920.9)	31	10	-	-	1	-	2	-	-	3	15
Male	24	6	-	-	1	-	2	-	-	3	12
Female	7	4	-	-	-	-	-	-	-	-	3
White	19	5	-	-	-	-	2	-	-	3	9
Male	13	2	-	-	-	-	2	-	-	3	6
Female	6	3	-	-	-	-	-	-	-	-	3
All other	12	5	-	-	1	-	-	-	-	-	6
Male	11	4	-	-	1	-	-	-	-	-	6
Female	1	1	-	-	-	-	-	-	-	-	-
Black	10	4	-	-	1	-	-	-	-	-	5
Male	9	3	-	-	1	-	-	-	-	-	5
Female	1	1	-	-	-	-	-	-	-	-	-
Accident caused by explosion of pressure vessel (E921)	52	6	1	1	27	-	1	9	1	1	5
Male	50	4	1	1	27	-	1	9	1	1	5
Female	2	2	-	-	-	-	-	-	-	-	-
White	43	4	1	1	24	-	1	6	1	1	4
Male	41	2	1	1	24	-	1	6	1	1	4
Female	2	2	-	-	-	-	-	-	-	-	-
All other	9	2	-	-	3	-	-	3	-	-	1
Male	9	2	-	-	3	-	-	3	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Black	8	2	-	-	3	-	-	2	-	-	1
Male	8	2	-	-	3	-	-	2	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Boilers (E921.0)	8	2	-	-	5	-	-	1	-	-	-
Male	8	2	-	-	5	-	-	1	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
White	7	1	-	-	5	-	-	1	-	-	-
Male	7	1	-	-	5	-	-	1	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
All other	1	1	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	1	1	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

(Page 13 of 16)

[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Accident caused by explosion of pressure vessel-Con.											
Gas cylinders (E921.1)	9	1	-	-	4	-	1	2	-	-	1
Male	9	1	-	-	4	-	1	2	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
White	4	-	-	-	3	-	1	-	-	-	-
Male	4	-	-	-	3	-	1	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
All other	5	1	-	-	1	-	-	2	-	-	1
Male	5	1	-	-	1	-	-	2	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Black	4	1	-	-	1	-	-	1	-	-	1
Male	4	1	-	-	1	-	-	1	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified (E921.8-E921.9)	35	3	1	1	18	-	-	6	1	1	4
Male	33	1	1	1	18	-	-	6	1	1	4
Female	2	2	-	-	-	-	-	-	-	-	-
White	32	3	1	1	16	-	-	5	1	1	4
Male	30	1	1	1	16	-	-	5	1	1	4
Female	2	2	-	-	-	-	-	-	-	-	-
All other	3	-	-	-	2	-	-	1	-	-	-
Male	3	-	-	-	2	-	-	1	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	3	-	-	-	2	-	-	1	-	-	-
Male	3	-	-	-	2	-	-	1	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Accident caused by firearm missile (E922)	1,416	706	42	-	5	12	49	20	2	178	402
Male	1,255	617	40	-	5	11	43	18	2	171	348
Female	161	89	2	-	-	1	6	2	-	7	54
White	1,113	559	41	-	5	11	30	14	2	144	307
Male	997	492	39	-	5	11	27	13	2	139	269
Female	116	67	2	-	-	-	3	1	-	5	38
All other	303	147	1	-	-	1	19	6	-	34	95
Male	258	125	1	-	-	-	16	5	-	32	79
Female	45	22	-	-	-	1	3	1	-	2	16
Black	259	124	-	-	-	1	17	5	-	29	83
Male	221	105	-	-	-	-	15	4	-	27	70
Female	38	19	-	-	-	1	2	1	-	2	13
Handgun (E922.0)	241	170	3	-	1	2	9	4	-	12	40
Male	212	150	3	-	1	2	8	3	-	10	35
Female	29	20	-	-	-	-	1	1	-	2	5
White	187	128	3	-	1	2	7	3	-	10	33
Male	164	112	3	-	1	2	6	3	-	9	28
Female	23	16	-	-	-	-	1	-	-	1	5
All other	54	42	-	-	-	-	2	1	-	2	7
Male	48	38	-	-	-	-	2	-	-	1	7
Female	6	4	-	-	-	-	-	1	-	1	-
Black	46	35	-	-	-	-	2	1	-	2	6
Male	41	32	-	-	-	-	2	-	-	1	6
Female	5	3	-	-	-	-	-	1	-	1	-
Shotgun (automatic) (E922.1)	160	75	20	-	2	-	9	-	-	22	32
Male	147	67	19	-	2	-	8	-	-	22	29
Female	13	8	1	-	-	-	1	-	-	-	3
White	128	61	19	-	2	-	4	-	-	18	24
Male	120	56	18	-	2	-	4	-	-	18	22
Female	8	5	1	-	-	-	-	-	-	-	2
All other	32	14	1	-	-	-	5	-	-	4	8
Male	27	11	1	-	-	-	4	-	-	4	7
Female	5	3	-	-	-	-	1	-	-	-	1
Black	26	11	-	-	-	-	4	-	-	4	7
Male	22	8	-	-	-	-	4	-	-	4	6
Female	4	3	-	-	-	-	-	-	-	-	1
Hunting rifle (E922.2)	73	35	7	-	-	-	4	-	-	18	9
Male	67	31	7	-	-	-	3	-	-	18	8
Female	6	4	-	-	-	-	1	-	-	-	1
White	67	32	7	-	-	-	3	-	-	17	8
Male	61	28	7	-	-	-	2	-	-	17	7
Female	6	4	-	-	-	-	1	-	-	-	1
All other	6	3	-	-	-	-	1	-	-	1	1
Male	6	3	-	-	-	-	1	-	-	1	1
Female	-	-	-	-	-	-	-	-	-	-	-
Black	5	3	-	-	-	-	-	-	-	1	1
Male	5	3	-	-	-	-	-	-	-	1	1
Female	-	-	-	-	-	-	-	-	-	-	-
Military firearms and other (E922.3-E922.8)	5	3	-	-	-	-	-	-	-	1	1
Male	5	3	-	-	-	-	-	-	-	1	1
Female	-	-	-	-	-	-	-	-	-	-	-
White	3	2	-	-	-	-	-	-	-	-	1
Male	3	2	-	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
All other	2	1	-	-	-	-	-	-	-	1	-
Male	2	1	-	-	-	-	-	-	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	1	1	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

(Page 14 of 16)

[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Accident caused by firearm missile-Con.											
Unspecified (E922.9)	937	423	12	-	2	10	27	16	2	125	320
Male	824	366	11	-	2	9	24	15	2	120	275
Female	113	57	1	-	-	1	3	1	-	5	45
White	728	336	12	-	2	9	16	11	2	99	241
Male	649	294	11	-	2	9	15	10	2	95	211
Female	79	42	1	-	-	-	1	1	-	4	30
All other	209	87	-	-	-	1	11	5	-	26	79
Male	175	72	-	-	-	-	9	5	-	25	64
Female	34	15	-	-	-	1	2	-	-	1	15
Black	181	74	-	-	-	1	11	4	-	22	69
Male	152	61	-	-	-	-	9	4	-	21	57
Female	29	13	-	-	-	1	2	-	-	1	12
Accident caused by explosive material (E923)	202	60	2	7	61	-	5	10	1	40	16
Male	185	50	2	7	60	-	5	6	1	40	14
Female	17	10	-	-	1	-	-	4	-	-	2
White	177	53	2	7	51	-	3	10	1	36	14
Male	162	45	2	7	50	-	3	6	1	36	12
Female	15	8	-	-	1	-	-	4	-	-	2
All other	25	7	-	-	10	-	2	-	-	4	2
Male	23	5	-	-	10	-	2	-	-	4	2
Female	2	2	-	-	-	-	-	-	-	-	-
Black	23	7	-	-	9	-	1	-	-	4	2
Male	21	5	-	-	9	-	1	-	-	4	2
Female	2	2	-	-	-	-	-	-	-	-	-
Fireworks (E923.0)	5	1	-	-	2	-	1	-	-	-	1
Male	5	1	-	-	2	-	1	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
White	1	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
All other	4	1	-	-	2	-	1	-	-	-	-
Male	4	1	-	-	2	-	1	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	3	1	-	-	2	-	-	-	-	-	-
Male	3	1	-	-	2	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Blasting materials (E923.1)	6	1	-	1	1	-	-	-	-	2	1
Male	4	-	-	1	1	-	-	-	-	2	-
Female	2	1	-	-	-	-	-	-	-	-	1
White	6	1	-	1	1	-	-	-	-	2	1
Male	4	-	-	1	1	-	-	-	-	2	-
Female	2	1	-	-	-	-	-	-	-	-	1
All other	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Explosive gases (E923.2)	98	40	1	2	27	-	3	5	-	11	9
Male	87	32	1	2	26	-	3	4	-	11	8
Female	11	8	-	-	1	-	-	1	-	-	1
White	87	36	1	2	24	-	2	5	-	10	7
Male	78	30	1	2	23	-	2	4	-	10	6
Female	9	6	-	-	1	-	-	1	-	-	1
All other	11	4	-	-	3	-	1	-	-	1	2
Male	9	2	-	-	3	-	1	-	-	1	2
Female	2	2	-	-	-	-	-	-	-	-	-
Black	11	4	-	-	3	-	1	-	-	1	2
Male	9	2	-	-	3	-	1	-	-	1	2
Female	2	2	-	-	-	-	-	-	-	-	-
Other (E923.8)	31	11	-	1	14	-	-	1	-	4	-
Male	30	10	-	1	14	-	-	1	-	4	-
Female	1	1	-	-	-	-	-	-	-	-	-
White	27	10	-	1	12	-	-	1	-	3	-
Male	26	9	-	1	12	-	-	1	-	3	-
Female	1	1	-	-	-	-	-	-	-	-	-
All other	4	1	-	-	2	-	-	-	-	1	-
Male	4	1	-	-	2	-	-	-	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	4	1	-	-	2	-	-	-	-	1	-
Male	4	1	-	-	2	-	-	-	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-
Unspecified (E923.9)	62	7	1	3	17	-	1	4	1	23	5
Male	59	7	1	3	17	-	1	1	1	23	5
Female	3	-	-	-	-	-	-	3	-	-	-
White	56	6	1	3	14	-	1	4	1	21	5
Male	53	6	1	3	14	-	1	1	1	21	5
Female	3	-	-	-	-	-	-	3	-	-	-
All other	6	1	-	-	3	-	-	-	-	2	-
Male	6	1	-	-	3	-	-	-	-	2	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	5	1	-	-	2	-	-	-	-	2	-
Male	5	1	-	-	2	-	-	-	-	2	-
Female	-	-	-	-	-	-	-	-	-	-	-

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

(Page 15 of 16)

[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Accident caused by hot substance or object, caustic or corrosive material, and steam (E924)	131	96	-	-	7	-	2	2	6	3	15
Male	67	48	-	-	7	-	2	2	2	2	4
Female	64	48	-	-	-	-	-	-	4	1	11
White	91	66	-	-	5	-	2	2	3	2	11
Male	43	29	-	-	5	-	2	2	1	1	3
Female	48	37	-	-	-	-	-	-	2	1	8
All other	40	30	-	-	2	-	-	-	3	1	4
Male	24	19	-	-	2	-	-	-	1	1	1
Female	16	11	-	-	-	-	-	-	2	-	3
Black	38	28	-	-	2	-	-	-	3	1	4
Male	23	18	-	-	2	-	-	-	1	1	1
Female	15	10	-	-	-	-	-	-	2	-	3
Accident caused by electric current (E925)	670	149	26	2	197	6	26	23	3	45	193
Male	635	135	25	2	194	6	24	21	3	44	181
Female	35	14	1	-	3	-	2	2	-	1	12
White	606	140	25	2	179	6	23	18	3	38	172
Male	577	127	24	2	177	6	22	16	3	37	163
Female	29	13	1	-	2	-	1	2	-	1	9
All other	64	9	1	-	18	-	3	5	-	7	21
Male	58	8	1	-	17	-	2	5	-	7	18
Female	6	1	-	-	1	-	1	-	-	-	3
Black	57	8	1	-	15	-	3	5	-	7	18
Male	52	7	1	-	15	-	2	5	-	7	15
Female	5	1	-	-	-	-	1	-	-	-	3
Domestic wiring and appliances (E925.0)	100	100	-	-	-	-	-	-	-	-	-
Male	89	89	-	-	-	-	-	-	-	-	-
Female	11	11	-	-	-	-	-	-	-	-	-
White	94	94	-	-	-	-	-	-	-	-	-
Male	84	84	-	-	-	-	-	-	-	-	-
Female	10	10	-	-	-	-	-	-	-	-	-
All other	6	6	-	-	-	-	-	-	-	-	-
Male	5	5	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-
Black	5	5	-	-	-	-	-	-	-	-	-
Male	4	4	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-
Industrial wiring, appliances and electrical machinery (E925.2)	54	2	1	2	37	-	-	5	-	4	3
Male	54	2	1	2	37	-	-	5	-	4	3
Female	-	-	-	-	-	-	-	-	-	-	-
White	50	2	1	2	35	-	-	4	-	4	2
Male	50	2	1	2	35	-	-	4	-	4	2
Female	-	-	-	-	-	-	-	-	-	-	-
All other	4	-	-	-	2	-	-	1	-	-	1
Male	4	-	-	-	2	-	-	1	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Black	4	-	-	-	2	-	-	1	-	-	1
Male	4	-	-	-	2	-	-	1	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
All other (E925.1,E925.8)	370	47	25	-	160	6	26	18	3	41	44
Male	357	44	24	-	157	6	24	16	3	40	43
Female	13	3	1	-	3	-	2	2	-	1	1
White	332	44	24	-	144	6	23	14	3	34	40
Male	321	41	23	-	142	6	22	12	3	33	39
Female	11	3	1	-	2	-	1	2	-	1	1
All other	38	3	1	-	16	-	3	4	-	7	4
Male	36	3	1	-	15	-	2	4	-	7	4
Female	2	-	-	-	1	-	1	-	-	-	-
Black	35	3	1	-	13	-	3	4	-	7	4
Male	34	3	1	-	13	-	2	4	-	7	4
Female	1	-	-	-	-	-	1	-	-	-	-
Unspecified (E925.9)	146	-	-	-	-	-	-	-	-	-	146
Male	135	-	-	-	-	-	-	-	-	-	135
Female	11	-	-	-	-	-	-	-	-	-	11
White	130	-	-	-	-	-	-	-	-	-	130
Male	122	-	-	-	-	-	-	-	-	-	122
Female	8	-	-	-	-	-	-	-	-	-	8
All other	16	-	-	-	-	-	-	-	-	-	16
Male	13	-	-	-	-	-	-	-	-	-	13
Female	3	-	-	-	-	-	-	-	-	-	3
Black	13	-	-	-	-	-	-	-	-	-	13
Male	10	-	-	-	-	-	-	-	-	-	10
Female	3	-	-	-	-	-	-	-	-	-	3
Exposure to radiation (E926)	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
White	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1990—Con.

(Page 16 of 16)

[Includes each three-digit category and selected four-digit subcategories E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Cause of death, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Overexertion and strenuous movements (E927)	22	5	-	-	-	-	1	-	-	1	15
Male	16	4	-	-	-	-	-	-	-	1	11
Female	6	1	-	-	-	-	1	-	-	-	4
White	20	5	-	-	-	-	1	-	-	1	13
Male	14	4	-	-	-	-	-	-	-	1	9
Female	6	1	-	-	-	-	1	-	-	-	4
All other	2	-	-	-	-	-	-	-	-	-	2
Male	2	-	-	-	-	-	-	-	-	-	2
Female	-	-	-	-	-	-	-	-	-	-	-
Black	1	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified environmental and accidental causes (E928)	1,866	145	8	2	28	8	33	13	30	37	1,562
Male	1,187	83	8	2	27	6	27	7	14	29	984
Female	679	62	-	-	1	2	6	6	16	8	578
White	1,508	109	8	2	23	6	26	8	26	26	1,274
Male	929	60	8	2	22	5	22	4	11	21	774
Female	579	49	-	-	1	1	4	4	15	5	500
All other	358	36	-	-	5	2	7	5	4	11	288
Male	258	23	-	-	5	1	5	3	3	8	210
Female	100	13	-	-	-	1	2	2	1	3	78
Black	317	33	-	-	5	2	6	5	4	7	255
Male	233	22	-	-	5	1	4	3	3	4	191
Female	84	11	-	-	-	1	2	2	1	3	64

[1] Including home premises and any noninstitutional place of residence.
[2] Including buildings and land under cultivation, but excluding farm home and home premises.

Table 5-6. Deaths From Nontransport Accidents, by Place of Accident, 5-Year Age Groups, Race, and Sex: United States, 1990

(Page 1 of 4)

[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Place of accident, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
All nontransport accidents (E850-E869, E880-E928)	38,710	706	553	448	309	270	2,286	719	696	1,449	1,661	2,237	2,674	2,544
Male	25,213	393	342	299	201	179	1,414	478	555	1,237	1,441	1,847	2,211	2,115
Female	13,497	313	211	149	108	91	872	241	141	212	220	390	463	429
White	31,751	441	408	337	209	194	1,589	487	486	1,116	1,324	1,777	2,053	1,957
Male	20,362	244	248	233	140	131	996	341	394	960	1,163	1,495	1,734	1,626
Female	11,389	197	160	104	69	63	593	146	92	156	161	282	319	331
All other	6,959	265	145	111	100	76	697	232	210	333	337	460	621	587
Male	4,851	149	94	66	61	48	418	137	161	277	278	352	477	489
Female	2,108	116	51	45	39	28	279	95	49	56	59	108	144	98
Black	6,069	242	125	101	87	63	618	201	182	263	282	398	551	510
Male	4,198	136	82	58	51	38	365	116	139	218	230	305	426	419
Female	1,871	106	43	43	36	25	253	85	43	45	52	93	125	91
Home [1] (0)	15,779	523	429	332	232	168	1,684	398	284	464	550	801	1,025	1,048
Male	9,757	286	263	215	149	107	1,020	251	220	365	435	590	773	815
Female	6,022	237	166	117	83	61	664	147	64	99	115	211	252	233
White	12,593	325	314	242	148	117	1,146	257	213	350	440	636	781	792
Male	7,720	178	188	167	99	75	707	174	166	281	349	485	609	616
Female	4,873	147	126	75	49	42	439	83	47	69	91	151	172	176
All other	3,186	198	115	90	84	51	538	141	71	114	110	165	244	256
Male	2,037	108	75	48	50	32	313	77	54	84	86	105	164	199
Female	1,149	90	40	42	34	19	225	64	17	30	24	60	80	57
Black	2,859	182	101	83	76	44	486	128	66	98	93	151	219	237
Male	1,834	100	68	43	44	26	281	67	51	74	72	96	150	181
Female	1,025	82	33	40	32	18	205	61	15	24	21	55	69	56
Farm [2] (1)	779	1	8	8	7	12	36	36	27	40	35	42	37	43
Male	712	1	6	5	5	9	26	27	24	36	32	39	34	41
Female	67	-	2	3	2	3	10	9	3	4	3	3	3	2
White	744	1	8	8	7	11	35	33	25	37	29	40	35	42
Male	680	1	6	5	5	8	25	24	22	33	27	37	32	40
Female	64	-	2	3	2	3	10	9	3	4	2	3	3	2
All other	35	-	-	-	-	1	1	3	2	3	6	2	2	1
Male	32	-	-	-	-	1	1	3	2	3	5	2	2	1
Female	3	-	-	-	-	-	-	-	-	-	1	-	-	-
Black	31	-	-	-	-	-	-	3	2	2	5	2	2	1
Male	28	-	-	-	-	-	-	3	2	2	4	2	2	1
Female	3	-	-	-	-	-	-	-	-	-	1	-	-	-
Mine and quarry (2)	82	-	-	-	-	1	1	-	4	7	6	9	11	11
Male	78	-	-	-	-	1	1	-	3	7	5	8	11	10
Female	4	-	-	-	-	-	-	-	1	-	1	1	-	1
White	75	-	-	-	-	1	1	-	3	5	5	9	11	9
Male	73	-	-	-	-	1	1	-	2	5	5	8	11	9
Female	2	-	-	-	-	-	-	-	1	-	-	1	-	-
All other	7	-	-	-	-	-	-	-	1	2	1	-	-	2
Male	5	-	-	-	-	-	-	-	1	2	-	-	-	1
Female	2	-	-	-	-	-	-	-	-	-	1	-	-	1
Black	4	-	-	-	-	-	-	-	1	1	-	-	-	1
Male	4	-	-	-	-	-	-	-	1	1	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Industrial place and premises (3)	1,332	-	-	-	-	2	2	4	6	56	140	174	207	168
Male	1,302	-	-	-	-	2	2	4	5	56	135	172	207	166
Female	30	-	-	-	-	-	-	-	1	-	5	2	-	2
White	1,140	-	-	-	-	2	2	3	5	53	117	156	173	147
Male	1,114	-	-	-	-	2	2	3	4	53	114	154	173	145
Female	26	-	-	-	-	-	-	-	1	-	3	2	-	2
All other	192	-	-	-	-	-	-	1	1	3	23	18	34	21
Male	188	-	-	-	-	-	-	1	1	3	21	18	34	21
Female	4	-	-	-	-	-	-	-	-	-	2	-	-	-
Black	160	-	-	-	-	-	-	-	1	2	18	18	25	20
Male	157	-	-	-	-	-	-	-	1	2	17	18	25	20
Female	3	-	-	-	-	-	-	-	-	-	1	-	-	-
Place for recreation and sport (4)	952	-	14	23	20	18	75	48	65	130	104	91	107	65
Male	815	-	9	16	14	12	51	35	52	119	97	83	93	59
Female	137	-	5	7	6	6	24	13	13	11	7	8	14	6
White	731	-	12	18	17	12	59	29	36	101	79	69	80	53
Male	625	-	8	11	11	9	39	23	30	94	74	63	69	47
Female	106	-	4	7	6	3	20	6	6	7	5	6	11	6
All other	221	-	2	5	3	6	16	19	29	29	25	22	27	12
Male	190	-	1	5	3	3	12	12	22	25	23	20	24	12
Female	31	-	1	-	-	3	4	7	7	4	2	2	3	-
Black	189	-	1	5	2	5	13	19	27	27	21	14	24	10
Male	162	-	1	5	2	3	11	12	20	23	19	14	21	10
Female	27	-	-	-	-	2	2	7	7	4	2	-	3	-
Street and highway (5)	915	4	-	2	1	3	10	4	16	42	64	79	98	79
Male	754	3	-	2	1	3	9	3	13	32	55	66	87	70
Female	161	1	-	-	-	-	1	1	3	10	9	13	11	9
White	704	4	-	2	1	3	10	3	8	32	49	57	69	55
Male	567	3	-	2	1	3	9	2	7	24	43	46	62	48
Female	137	1	-	-	-	-	1	1	1	8	6	11	7	7
All other	211	-	-	-	-	-	-	1	8	10	15	22	29	24
Male	187	-	-	-	-	-	-	1	6	8	12	20	25	22
Female	24	-	-	-	-	-	-	-	2	2	3	2	4	2
Black	185	-	-	-	-	-	-	1	6	10	13	22	27	20
Male	166	-	-	-	-	-	-	1	5	8	10	20	24	19
Female	19	-	-	-	-	-	-	-	1	2	3	2	3	1

Table 5-6. Deaths From Nontransport Accidents, by Place of Accident, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
(Page 2 of 4)
[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Place of accident, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
All nontransport accidents (E850-E869, E880-E928)	2,012	1,449	1,335	1,381	1,769	1,949	2,169	2,845	3,269	3,103	2,100	842	160	61
Male	1,642	1,108	1,038	1,019	1,268	1,284	1,322	1,488	1,512	1,208	698	238	38	52
Female	370	341	297	362	501	665	847	1,357	1,757	1,895	1,402	604	122	9
White	1,523	1,108	1,049	1,116	1,430	1,625	1,860	2,498	2,959	2,871	1,944	784	143	52
Male	1,250	845	814	815	1,026	1,064	1,137	1,285	1,379	1,101	641	218	32	46
Female	273	263	235	301	404	561	723	1,213	1,580	1,770	1,303	566	111	6
All other	489	341	286	265	339	324	309	347	310	232	156	58	17	9
Male	392	263	224	204	242	220	185	203	133	107	57	20	6	6
Female	97	78	62	61	97	104	124	144	177	125	99	38	11	3
Black	438	307	253	237	302	279	269	305	263	203	132	51	16	9
Male	351	238	198	182	218	187	164	178	103	89	45	16	5	6
Female	87	69	55	55	84	92	105	127	160	114	87	35	11	3
Home [1] (0)	809	579	515	583	767	866	911	1,126	1,290	1,100	687	239	40	13
Male	599	382	359	376	530	536	532	572	590	458	257	79	12	6
Female	210	197	156	207	237	330	379	554	700	642	430	160	28	7
White	606	437	392	455	625	721	765	953	1,151	990	622	218	34	9
Male	444	288	265	280	428	441	457	476	529	409	231	70	10	5
Female	162	149	127	175	197	280	308	477	622	581	391	148	24	4
All other	203	142	123	128	142	145	146	173	139	110	65	21	6	4
Male	155	94	94	96	102	95	75	96	61	49	26	9	2	1
Female	48	48	29	32	40	50	71	77	78	61	39	12	4	3
Black	187	130	115	116	132	133	127	155	118	89	53	16	6	4
Male	141	89	89	89	96	89	68	89	48	36	20	5	2	1
Female	46	41	26	27	36	44	59	66	70	53	33	11	4	3
Farm [2] (1)	39	30	56	53	63	69	64	65	30	10	4	–	–	–
Male	37	27	52	51	62	64	59	61	27	10	3	–	–	–
Female	2	3	4	2	1	5	5	4	3	–	1	–	–	–
White	38	29	52	53	63	68	63	61	28	9	4	–	–	–
Male	36	26	48	51	62	63	59	57	26	9	3	–	–	–
Female	2	3	4	2	1	5	4	4	2	–	1	–	–	–
All other	1	1	4	–	–	1	1	4	2	1	–	–	–	–
Male	1	1	4	–	–	1	–	4	1	1	–	–	–	–
Female	–	–	–	–	–	–	1	–	1	–	–	–	–	–
Black	1	–	4	–	–	1	1	4	2	1	–	–	–	–
Male	1	–	4	–	–	1	–	4	1	1	–	–	–	–
Female	–	–	–	–	–	–	1	–	1	–	–	–	–	–
Mine and quarry (2)	12	5	6	4	1	1	2	1	1	–	–	–	–	–
Male	12	5	6	4	1	1	2	1	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White	12	5	6	4	1	1	2	1	–	–	–	–	–	–
Male	12	5	6	4	1	1	2	1	–	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Black	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Male	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Industrial place and premises (3)	145	121	107	86	53	28	13	13	7	1	1	–	–	–
Male	142	114	106	84	52	27	11	11	7	–	1	–	–	–
Female	3	7	1	2	1	1	2	2	–	1	–	–	–	–
White	126	98	92	71	46	19	12	11	7	1	1	–	–	–
Male	123	93	91	69	45	18	10	9	7	–	1	–	–	–
Female	3	5	1	2	1	1	2	2	–	1	–	–	–	–
All other	19	23	15	15	7	9	1	2	–	–	–	–	–	–
Male	19	21	15	15	7	9	1	2	–	–	–	–	–	–
Female	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Black	15	20	14	12	7	6	–	2	–	–	–	–	–	–
Male	15	18	14	12	7	6	–	2	–	–	–	–	–	–
Female	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Place for recreation and sport (4)	61	41	25	25	24	26	22	17	10	10	3	–	–	3
Male	56	34	23	22	21	20	19	13	6	6	3	–	–	3
Female	5	7	2	3	3	6	3	4	4	4	–	–	–	–
White	48	30	21	21	18	24	21	17	10	10	3	–	–	2
Male	43	24	19	18	16	18	18	13	6	6	3	–	–	2
Female	5	6	2	3	2	6	3	4	4	4	–	–	–	–
All other	13	11	4	4	6	2	1	–	–	–	–	–	–	1
Male	13	10	4	4	5	2	1	–	–	–	–	–	–	1
Female	–	1	–	–	1	–	–	–	–	–	–	–	–	–
Black	12	9	1	3	6	1	1	–	–	–	–	–	–	1
Male	12	8	1	3	5	1	1	–	–	–	–	–	–	1
Female	–	1	–	–	1	–	–	–	–	–	–	–	–	–
Street and highway (5)	77	52	71	42	57	45	38	47	50	26	15	2	–	1
Male	71	48	59	40	50	36	27	30	35	13	8	1	–	1
Female	6	4	12	2	7	9	11	17	15	13	7	1	–	–
White	51	33	57	32	47	41	32	40	46	25	15	2	–	–
Male	49	29	46	30	40	32	22	25	32	12	8	1	–	–
Female	2	4	11	2	7	9	10	15	14	13	7	1	–	–
All other	26	19	14	10	10	4	6	7	4	1	–	–	–	1
Male	22	19	13	10	10	4	5	5	3	1	–	–	–	1
Female	4	–	1	–	–	–	1	2	1	–	–	–	–	–
Black	23	18	13	8	6	4	5	4	3	1	–	–	–	1
Male	21	18	12	8	6	4	4	2	2	1	–	–	–	1
Female	2	–	1	–	–	–	1	2	1	–	–	–	–	–

Table 5-6. Deaths From Nontransport Accidents, by Place of Accident, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
(Page 3 of 4)

[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Place of accident, race, and sex	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
Public building (6)	995	4	3	6	7	4	24	17	28	34	70	85	117	101
Male	765	3	2	4	5	2	16	9	20	27	61	69	105	88
Female	230	1	1	2	2	2	8	8	8	7	9	16	12	13
White	815	3	3	5	5	3	19	10	18	26	55	59	94	81
Male	620	3	2	4	3	2	14	5	12	21	48	46	85	70
Female	195	-	1	1	2	1	5	5	6	5	7	13	9	11
All other	180	1	-	1	2	1	5	7	10	8	15	26	23	20
Male	145	-	-	-	2	-	2	4	8	6	13	23	20	18
Female	35	1	-	1	-	1	3	3	2	2	2	3	3	2
Black	159	1	-	1	2	1	5	6	10	7	13	24	20	18
Male	128	-	-	-	2	-	2	3	8	5	11	21	18	16
Female	31	1	-	1	-	1	3	3	2	2	2	3	2	2
Residential institution (7)	2,144	4	3	-	-	2	9	2	2	11	15	29	22	31
Male	926	3	2	-	-	1	6	2	1	5	13	26	19	24
Female	1,218	1	1	-	-	1	3	-	1	6	2	3	3	7
White	1,999	3	3	-	-	1	7	1	1	8	13	23	15	22
Male	838	2	2	-	-	1	5	1	-	4	12	21	13	17
Female	1,161	1	1	-	-	-	2	-	1	4	1	2	2	5
All other	145	1	-	-	-	1	2	1	1	3	2	6	7	9
Male	88	1	-	-	-	-	1	1	1	1	1	5	6	7
Female	57	-	-	-	-	1	1	-	-	2	1	1	1	2
Black	123	1	-	-	-	1	2	1	1	2	2	5	7	8
Male	72	1	-	-	-	-	1	1	1	-	1	4	6	6
Female	51	-	-	-	-	1	1	-	-	2	1	1	1	2
Other specified places (8)	3,951	15	35	48	24	41	163	123	172	400	370	425	422	411
Male	3,449	9	25	38	16	29	117	86	144	372	343	393	370	373
Female	502	6	10	10	8	12	46	37	28	28	27	32	52	38
White	3,068	12	28	40	16	31	127	82	103	292	300	339	320	322
Male	2,702	8	20	31	10	20	89	60	92	273	278	316	287	290
Female	366	4	8	9	6	11	38	22	11	19	22	23	33	32
All other	883	3	7	8	8	10	36	41	69	108	70	86	102	89
Male	747	1	5	7	6	9	28	26	52	99	65	77	83	83
Female	136	2	2	1	2	1	8	15	17	9	5	9	19	6
Black	664	3	4	6	4	7	24	28	54	69	53	64	86	62
Male	557	1	2	5	3	7	18	18	39	64	48	58	69	58
Female	107	2	2	1	1	-	6	10	15	5	5	6	17	4
Unspecified place (9)	11,781	155	61	29	18	19	282	87	92	265	307	502	628	587
Male	6,655	88	35	19	11	13	166	61	73	218	265	401	512	469
Female	5,126	67	26	10	7	6	116	26	19	47	42	101	116	118
White	9,882	93	40	22	15	13	183	69	74	212	237	389	475	434
Male	5,423	49	22	13	11	10	105	49	59	172	213	319	393	344
Female	4,459	44	18	9	4	3	78	20	15	40	24	70	82	90
All other	1,899	62	21	7	3	6	99	18	18	53	70	113	153	153
Male	1,232	39	13	6	-	3	61	12	14	46	52	82	119	125
Female	667	23	8	1	3	3	38	6	4	7	18	31	34	28
Black	1,695	55	19	6	3	5	88	15	14	45	64	98	141	133
Male	1,090	34	11	5	-	2	52	11	11	39	48	72	111	107
Female	605	21	8	1	3	3	36	4	3	6	16	26	30	26

Table 5-6. Deaths From Nontransport Accidents, by Place of Accident, 5-Year Age Groups, Race, and Sex: United States, 1990—Con.
(Page 4 of 4)

[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Place of accident, race, and sex	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 years and over	Not stated
Public building (6)	79	52	48	37	48	48	46	68	44	31	9	5	2	2
Male	70	40	41	34	41	33	32	36	20	14	4	3	1	1
Female	9	12	7	3	7	15	14	32	24	17	5	2	1	1
White	59	40	37	32	45	42	43	65	41	31	9	5	2	2
Male	52	33	32	30	39	28	29	35	18	14	4	3	1	1
Female	7	7	5	2	6	14	14	30	23	17	5	2	1	1
All other	20	12	11	5	3	6	3	3	3	-	-	-	-	-
Male	18	7	9	4	2	5	3	1	2	-	-	-	-	-
Female	2	5	2	1	1	1	-	2	1	-	-	-	-	-
Black	17	10	10	5	3	4	2	3	2	-	-	-	-	-
Male	15	7	8	4	2	4	2	1	1	-	-	-	-	-
Female	2	3	2	1	1	-	-	2	1	-	-	-	-	-
Residential institution (7)	31	34	17	38	50	71	142	286	376	453	327	161	37	-
Male	24	23	11	26	29	39	76	147	150	160	96	40	9	-
Female	7	11	6	12	21	32	66	139	226	293	231	121	28	-
White	21	27	14	35	38	68	130	269	356	440	317	159	35	-
Male	16	18	9	24	19	39	67	136	145	156	90	39	7	-
Female	5	9	5	11	19	29	63	133	211	284	227	120	28	-
All other	10	7	3	3	12	3	12	17	20	13	10	2	2	-
Male	8	5	2	2	10	-	9	11	5	4	6	1	2	-
Female	2	2	1	1	2	3	3	6	15	9	4	1	-	-
Black	10	6	2	2	11	3	12	14	14	12	7	1	1	-
Male	8	4	1	1	9	-	9	8	3	3	4	1	1	-
Female	2	2	1	1	2	3	3	6	11	9	3	-	-	-
Other specified places (8)	294	190	168	136	154	154	90	88	86	46	20	10	-	29
Male	271	173	147	128	139	131	70	60	62	26	12	3	-	29
Female	23	17	21	8	15	23	20	28	24	20	8	7	-	-
White	229	153	128	113	117	118	73	75	79	43	20	7	-	28
Male	211	137	118	108	106	103	57	52	59	24	12	2	-	28
Female	18	16	10	5	11	15	16	23	20	19	8	5	-	-
All other	65	37	40	23	37	36	17	13	7	3	-	3	-	1
Male	60	36	29	20	33	28	13	8	3	2	-	1	-	1
Female	5	1	11	3	4	8	4	5	4	1	-	2	-	-
Black	50	30	31	19	32	26	13	11	5	3	-	3	-	1
Male	48	29	21	16	30	19	10	6	2	2	-	1	-	1
Female	2	1	10	3	2	7	3	5	3	1	-	2	-	-
Unspecified place (9)	465	345	322	377	552	641	841	1,134	1,375	1,426	1,034	425	81	13
Male	360	262	234	254	343	397	494	557	614	521	314	112	16	12
Female	105	83	88	123	209	244	347	577	761	905	720	313	65	1
White	333	256	250	300	430	523	719	1,006	1,241	1,322	953	393	72	11
Male	264	192	180	201	270	321	416	481	557	471	289	103	14	10
Female	69	64	70	99	160	202	303	525	684	851	664	290	58	1
All other	132	89	72	77	122	118	122	128	134	104	81	32	9	2
Male	96	70	54	53	73	76	78	76	57	50	25	9	2	2
Female	36	19	18	24	49	42	44	52	77	54	56	23	7	-
Black	123	84	63	72	105	101	108	112	118	97	72	31	9	2
Male	90	65	48	49	63	63	70	66	45	46	21	9	2	2
Female	33	19	15	23	42	38	38	46	73	51	51	22	7	-

[1] Including home premises and any noninstitutional place of residence.
[2] Including buildings and land under cultivation, but excluding farm home and home premises.

Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1990

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[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Area, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
United States	38,710	15,779	779	82	1,332	952	915	995	2,144	3,951	11,781
Male	25,213	9,757	712	78	1,302	815	754	765	926	3,449	6,655
Female	13,497	6,022	67	4	30	137	161	230	1,218	502	5,126
White	31,751	12,593	744	75	1,140	731	704	815	1,999	3,068	9,882
Male	20,362	7,720	680	73	1,114	625	567	620	838	2,702	5,423
Female	11,389	4,873	64	2	26	106	137	195	1,161	366	4,459
All other	6,959	3,186	35	7	192	221	211	180	145	883	1,899
Male	4,851	2,037	32	5	188	190	187	145	88	747	1,232
Female	2,108	1,149	3	2	4	31	24	35	57	136	667
Black	6,069	2,859	31	4	160	189	185	159	123	664	1,695
Male	4,198	1,834	28	4	157	162	166	128	72	557	1,090
Female	1,871	1,025	3	–	3	27	19	31	51	107	605
Alabama	933	319	22	1	29	14	20	13	22	87	406
Male	637	205	21	1	28	12	17	10	12	77	254
Female	296	114	1	–	1	2	3	3	10	10	152
White	634	191	18	1	21	9	12	8	17	55	302
Male	432	121	18	1	20	8	11	7	9	52	185
Female	202	70	–	–	1	1	1	1	8	3	117
All other	299	128	4	–	8	5	8	5	5	32	104
Male	205	84	3	–	8	4	6	3	3	25	69
Female	94	44	1	–	–	1	2	2	2	7	35
Black	297	128	4	–	8	5	8	5	5	32	102
Male	203	84	3	–	8	4	6	3	3	25	67
Female	94	44	1	–	–	1	2	2	2	7	35
Alaska	214	62	–	2	6	6	1	2	1	55	79
Male	172	44	–	2	6	5	1	2	1	48	63
Female	42	18	–	–	–	1	–	–	–	7	16
White	119	31	–	2	5	2	1	2	1	27	48
Male	98	21	–	2	5	2	1	2	1	24	40
Female	21	10	–	–	–	–	–	–	–	3	8
All other	95	31	–	–	1	4	–	–	–	28	31
Male	74	23	–	–	1	3	–	–	–	24	23
Female	21	8	–	–	–	1	–	–	–	4	8
Black	5	3	–	–	–	1	–	–	–	–	1
Male	2	2	–	–	–	–	–	–	–	–	–
Female	3	1	–	–	–	1	–	–	–	–	1
Arizona	648	289	2	4	20	21	13	15	23	110	151
Male	444	175	2	3	20	19	10	13	7	100	95
Female	204	114	–	1	–	2	3	2	16	10	56
White	542	251	2	3	19	18	9	13	21	81	125
Male	364	148	2	3	19	16	7	11	5	75	78
Female	178	103	–	–	–	2	2	2	16	6	47
All other	106	38	–	1	1	3	4	2	2	29	26
Male	80	27	–	–	1	3	3	2	2	25	17
Female	26	11	–	1	–	–	1	–	–	4	9
Black	22	11	–	–	–	1	1	–	–	3	6
Male	13	7	–	–	–	1	1	–	–	2	2
Female	9	4	–	–	–	–	–	–	–	1	4
Arkansas	467	177	16	2	19	9	10	8	32	56	138
Male	321	111	15	2	18	9	10	6	21	49	80
Female	146	66	1	–	1	–	–	2	11	7	58
White	361	130	16	2	18	5	8	7	29	37	109
Male	244	83	15	2	17	5	8	5	18	30	61
Female	117	47	1	–	1	–	–	2	11	7	48
All other	106	47	–	–	1	4	2	1	3	19	29
Male	77	28	–	–	1	4	2	1	3	19	19
Female	29	19	–	–	–	–	–	–	–	–	10
Black	104	46	–	–	1	4	2	1	3	18	29
Male	75	27	–	–	1	4	2	1	3	18	19
Female	29	19	–	–	–	–	–	–	–	–	10
California	4,018	1,898	25	2	111	103	121	162	183	537	876
Male	2,828	1,243	24	2	108	90	97	125	86	468	585
Female	1,190	655	1	–	3	13	24	37	97	69	291
White	3,393	1,591	24	2	96	87	95	142	170	447	739
Male	2,386	1,049	24	2	93	75	73	111	79	387	493
Female	1,007	542	–	–	3	12	22	31	91	60	246
All other	625	307	1	–	15	16	26	20	13	90	137
Male	442	194	–	–	15	15	24	14	7	81	92
Female	183	113	1	–	–	1	2	6	6	9	45
Black	430	217	1	–	8	8	18	14	9	48	107
Male	306	143	–	–	8	7	18	10	5	42	73
Female	124	74	1	–	–	1	–	4	4	6	34
Colorado	477	188	6	2	18	18	17	13	46	46	123
Male	305	117	5	2	18	17	14	8	17	38	69
Female	172	71	1	–	–	1	3	5	29	8	54
White	461	181	6	2	16	18	17	13	46	44	118
Male	296	114	5	2	16	17	14	8	17	37	66
Female	165	67	1	–	–	1	3	5	29	7	52
All other	16	7	–	–	2	–	–	–	–	2	5
Male	9	3	–	–	2	–	–	–	–	1	3
Female	7	4	–	–	–	–	–	–	–	1	2
Black	12	6	–	–	1	–	–	–	–	1	4
Male	6	2	–	–	1	–	–	–	–	1	2
Female	6	4	–	–	–	–	–	–	–	–	2

Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1990—Con.

(Page 2 of 8)

[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Area, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Connecticut	457	151	2	-	9	11	9	14	29	26	206
Male	254	75	1	-	9	10	8	11	4	24	112
Female	203	76	1	-	-	1	1	3	25	2	94
White	417	135	2	-	8	10	7	12	29	23	191
Male	221	61	1	-	8	9	6	9	4	22	101
Female	196	74	1	-	-	1	1	3	25	1	90
All other	40	16	-	-	1	1	2	2	-	3	15
Male	33	14	-	-	1	1	2	2	-	2	11
Female	7	2	-	-	-	-	-	-	-	1	4
Black	38	15	-	-	1	1	2	2	-	3	14
Male	31	13	-	-	1	1	2	2	-	2	10
Female	7	2	-	-	-	-	-	-	-	1	4
Delaware	85	36	-	-	6	2	1	3	4	10	23
Male	55	26	-	-	6	2	1	2	2	9	7
Female	30	10	-	-	-	-	-	1	2	1	16
White	72	29	-	-	6	2	-	3	3	6	23
Male	44	19	-	-	6	2	-	2	2	6	7
Female	28	10	-	-	-	-	-	1	1	-	16
All other	13	7	-	-	-	-	1	-	1	4	-
Male	11	7	-	-	-	-	1	-	-	3	-
Female	2	-	-	-	-	-	-	-	1	1	-
Black	13	7	-	-	-	-	1	-	1	4	-
Male	11	7	-	-	-	-	1	-	-	3	-
Female	2	-	-	-	-	-	-	-	1	1	-
District of Columbia	110	20	-	-	1	-	3	1	5	19	61
Male	73	12	-	-	1	-	2	-	2	17	39
Female	37	8	-	-	-	-	1	1	3	2	22
White	23	3	-	-	1	-	1	-	2	6	10
Male	14	1	-	-	1	-	-	-	1	5	6
Female	9	2	-	-	-	-	1	-	1	1	4
All other	87	17	-	-	-	-	2	1	3	13	51
Male	59	11	-	-	-	-	2	-	1	12	33
Female	28	6	-	-	-	-	-	1	2	1	18
Black	86	17	-	-	-	-	2	1	3	12	51
Male	58	11	-	-	-	-	2	-	1	11	33
Female	28	6	-	-	-	-	-	1	2	1	18
Florida	1,915	963	10	7	96	105	30	60	109	201	334
Male	1,227	560	10	6	94	86	26	45	51	174	175
Female	688	403	-	1	2	19	4	15	58	27	159
White	1,580	811	10	4	74	70	23	53	103	142	290
Male	993	475	10	3	73	56	19	38	47	124	148
Female	587	336	-	1	1	14	4	15	56	18	142
All other	335	152	-	3	22	35	7	7	6	59	44
Male	234	85	-	3	21	30	7	7	4	50	27
Female	101	67	-	-	1	5	-	-	2	9	17
Black	327	151	-	3	22	34	7	7	6	55	42
Male	227	84	-	3	21	30	7	7	4	46	25
Female	100	67	-	-	1	4	-	-	2	9	17
Georgia	1,047	495	20	-	32	22	33	24	72	129	220
Male	695	302	19	-	30	18	28	20	37	112	129
Female	352	193	1	-	2	4	5	4	35	17	91
White	700	315	18	-	20	12	22	17	60	81	155
Male	460	191	17	-	18	9	19	13	31	73	89
Female	240	124	1	-	2	3	3	4	29	8	66
All other	347	180	2	-	12	10	11	7	12	48	65
Male	235	111	2	-	12	9	9	7	6	39	40
Female	112	69	-	-	-	1	2	-	6	9	25
Black	342	177	2	-	12	10	11	6	12	47	65
Male	231	109	2	-	12	9	9	6	6	38	40
Female	111	68	-	-	-	1	2	-	6	9	25
Hawaii	128	34	-	-	6	2	2	2	6	30	46
Male	99	24	-	-	5	2	2	1	2	28	35
Female	29	10	-	-	1	-	-	1	4	2	11
White	38	9	-	-	-	1	1	1	1	10	15
Male	28	6	-	-	-	1	1	-	-	9	11
Female	10	3	-	-	-	-	-	1	1	1	4
All other	90	25	-	-	6	1	1	1	5	20	31
Male	71	18	-	-	5	1	1	1	2	19	24
Female	19	7	-	-	1	-	-	-	3	1	7
Black	3	1	-	-	-	-	-	-	-	-	2
Male	3	1	-	-	-	-	-	-	-	-	2
Female	-	-	-	-	-	-	-	-	-	-	-
Idaho	174	73	9	-	4	9	4	3	9	32	31
Male	124	46	9	-	4	7	3	3	6	30	16
Female	50	27	-	-	-	2	1	-	3	2	15
White	169	70	9	-	4	9	4	3	9	30	31
Male	120	44	9	-	4	7	3	3	6	28	16
Female	49	26	-	-	-	2	1	-	3	2	15
All other	5	3	-	-	-	-	-	-	-	2	-
Male	4	2	-	-	-	-	-	-	-	2	-
Female	1	1	-	-	-	-	-	-	-	-	-
Black	2	-	-	-	-	-	-	-	-	2	-
Male	2	-	-	-	-	-	-	-	-	2	-
Female	-	-	-	-	-	-	-	-	-	-	-

Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1990—Con.

(Page 3 of 8)

[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Area, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Illinois	1,871	850	30	3	70	40	87	85	78	149	479
Male	1,225	554	28	3	70	31	76	68	30	127	238
Female	646	296	2	-	-	9	11	17	48	22	241
White	1,378	555	30	3	59	26	53	59	70	105	418
Male	877	369	28	3	59	20	44	45	25	89	195
Female	501	186	2	-	-	6	9	14	45	16	223
All other	493	295	-	-	11	14	34	26	8	44	61
Male	348	185	-	-	11	11	32	23	5	38	43
Female	145	110	-	-	-	3	2	3	3	6	18
Black	472	288	-	-	10	13	32	24	8	39	58
Male	331	180	-	-	10	10	31	21	5	33	41
Female	141	108	-	-	-	3	1	3	3	6	17
Indiana	845	333	34	5	31	12	18	18	41	60	293
Male	481	197	31	4	30	10	15	12	18	47	117
Female	364	136	3	1	1	2	3	6	23	13	176
White	772	291	34	5	30	11	18	17	39	44	283
Male	439	173	31	4	29	9	15	11	16	38	113
Female	333	118	3	1	1	2	3	6	23	6	170
All other	73	42	-	-	1	1	-	1	2	16	10
Male	42	24	-	-	1	1	-	1	2	9	4
Female	31	18	-	-	-	-	-	-	-	7	6
Black	71	42	-	-	1	1	-	1	2	15	9
Male	40	24	-	-	1	1	-	1	2	8	3
Female	31	18	-	-	-	-	-	-	-	7	6
Iowa	491	176	41	1	17	10	7	21	84	24	110
Male	291	108	40	1	17	10	4	12	28	22	49
Female	200	68	1	-	-	-	3	9	56	2	61
White	483	170	41	1	17	10	6	21	84	24	109
Male	287	104	40	1	17	10	4	12	28	22	49
Female	196	66	1	-	-	-	2	9	56	2	60
All other	8	6	-	-	-	-	1	-	-	-	1
Male	4	4	-	-	-	-	-	-	-	-	-
Female	4	2	-	-	-	-	1	-	-	-	1
Black	6	4	-	-	-	-	1	-	-	-	1
Male	4	4	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	1	-	-	-	1
Kansas	400	171	15	1	24	9	1	8	45	26	100
Male	242	98	15	1	23	6	1	4	13	24	57
Female	158	73	-	-	1	3	-	4	32	2	43
White	367	154	15	1	23	7	1	8	44	22	92
Male	219	86	15	1	22	5	1	4	13	20	52
Female	148	68	-	-	1	2	-	4	31	2	40
All other	33	17	-	-	1	2	-	-	1	4	8
Male	23	12	-	-	1	1	-	-	-	4	5
Female	10	5	-	-	-	1	-	-	1	-	3
Black	27	14	-	-	-	1	-	-	1	3	8
Male	20	11	-	-	-	1	-	-	-	3	5
Female	7	3	-	-	-	-	-	-	1	-	3
Kentucky	719	267	38	13	22	5	6	8	37	54	269
Male	491	168	36	13	22	5	5	7	21	49	165
Female	228	99	2	-	-	-	1	1	16	5	104
White	669	244	37	13	20	4	6	7	32	51	255
Male	459	153	35	13	20	4	5	6	19	46	158
Female	210	91	2	-	-	-	1	1	13	5	97
All other	50	23	1	-	2	1	-	1	5	3	14
Male	32	15	1	-	2	1	-	1	2	3	7
Female	18	8	-	-	-	-	-	-	3	-	7
Black	50	23	1	-	2	1	-	1	5	3	14
Male	32	15	1	-	2	1	-	1	2	3	7
Female	18	8	-	-	-	-	-	-	3	-	7
Louisiana	797	281	10	1	49	23	4	5	18	123	283
Male	507	168	9	1	49	21	4	4	5	107	139
Female	290	113	1	-	-	2	-	1	13	16	144
White	520	160	9	1	38	14	2	3	15	83	195
Male	317	89	8	1	38	13	2	3	4	73	86
Female	203	71	1	-	-	1	-	-	11	10	109
All other	277	121	1	-	11	9	2	2	3	40	88
Male	190	79	1	-	11	8	2	1	1	34	53
Female	87	42	-	-	-	1	-	1	2	6	35
Black	275	121	1	-	11	9	2	2	3	39	87
Male	189	79	1	-	11	8	2	1	1	33	53
Female	86	42	-	-	-	1	-	1	2	6	34
Maine	169	71	2	-	3	2	4	1	5	24	57
Male	104	46	1	-	3	2	3	1	1	21	26
Female	65	25	1	-	-	-	1	-	4	3	31
White	163	67	2	-	3	2	4	1	5	22	57
Male	99	43	1	-	3	2	3	1	1	19	26
Female	64	24	1	-	-	-	1	-	4	3	31
All other	6	4	-	-	-	-	-	-	-	2	-
Male	5	3	-	-	-	-	-	-	-	2	-
Female	1	1	-	-	-	-	-	-	-	-	-
Black	1	-	-	-	-	-	-	-	-	1	-
Male	1	-	-	-	-	-	-	-	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-

Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1990—Con.

(Page 4 of 8)

[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Area, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Maryland	612	211	1	-	13	8	13	9	31	47	279
Male	377	123	1	-	13	6	11	7	18	41	157
Female	235	88	-	-	-	2	2	2	13	6	122
White	412	146	1	-	9	3	10	7	26	26	184
Male	247	80	1	-	9	3	8	7	15	23	101
Female	165	66	-	-	-	-	2	-	11	3	83
All other	200	65	-	-	4	5	3	2	5	21	95
Male	130	43	-	-	4	3	3	-	3	18	56
Female	70	22	-	-	-	2	-	2	2	3	39
Black	192	64	-	-	3	5	3	2	5	20	90
Male	123	42	-	-	3	3	3	-	3	17	52
Female	69	22	-	-	-	2	-	2	2	3	38
Massachusetts	735	252	2	-	16	13	21	18	49	60	304
Male	412	149	2	-	16	11	16	14	21	55	128
Female	323	103	-	-	-	2	5	4	28	5	176
White	692	236	2	-	14	12	18	16	46	56	292
Male	381	138	2	-	14	11	13	12	18	52	121
Female	311	98	-	-	-	1	5	4	28	4	171
All other	43	16	-	-	2	1	3	2	3	4	12
Male	31	11	-	-	2	-	3	2	3	3	7
Female	12	5	-	-	-	1	-	-	-	1	5
Black	35	14	-	-	1	1	3	1	2	3	10
Male	24	10	-	-	1	-	3	1	2	2	5
Female	11	4	-	-	-	1	-	-	-	1	5
Michigan	1,260	557	23	2	44	49	28	29	47	62	419
Male	811	363	18	2	41	41	25	23	24	54	220
Female	449	194	5	-	3	8	3	6	23	8	199
White	1,040	429	23	2	41	40	19	21	44	52	369
Male	661	279	18	2	38	33	17	19	22	46	187
Female	379	150	5	-	3	7	2	2	22	6	182
All other	220	128	-	-	3	9	9	8	3	10	50
Male	150	84	-	-	3	8	8	4	2	8	33
Female	70	44	-	-	-	1	1	4	1	2	17
Black	204	126	-	-	1	7	8	8	3	6	45
Male	142	84	-	-	1	7	7	4	2	6	31
Female	62	42	-	-	-	-	1	4	1	-	14
Minnesota	713	266	28	2	13	15	8	13	104	46	218
Male	441	164	24	2	13	14	5	9	37	42	131
Female	272	102	4	-	-	1	3	4	67	4	87
White	685	254	28	2	13	15	8	12	100	41	212
Male	417	155	24	2	13	14	5	8	33	37	126
Female	268	99	4	-	-	1	3	4	67	4	86
All other	28	12	-	-	-	-	-	1	4	5	6
Male	24	9	-	-	-	-	-	1	4	5	5
Female	4	3	-	-	-	-	-	-	-	-	1
Black	13	8	-	-	-	-	-	-	1	2	2
Male	11	6	-	-	-	-	-	-	1	2	2
Female	2	2	-	-	-	-	-	-	-	-	-
Mississippi	571	220	19	1	46	18	10	5	23	50	179
Male	387	140	16	1	46	17	10	3	9	48	97
Female	184	80	3	-	-	1	-	2	14	2	82
White	329	115	12	1	27	11	7	2	19	27	108
Male	211	75	10	1	27	10	7	1	6	26	48
Female	118	40	2	-	-	1	-	1	13	1	60
All other	242	105	7	-	19	7	3	3	4	23	71
Male	176	65	6	-	19	7	3	2	3	22	49
Female	66	40	1	-	-	-	-	1	1	1	22
Black	240	105	7	-	18	7	3	3	4	23	70
Male	174	65	6	-	18	7	3	2	3	22	48
Female	66	40	1	-	-	-	-	1	1	1	22
Missouri	965	420	47	-	25	23	20	26	88	65	251
Male	569	247	42	-	24	20	14	21	27	55	119
Female	396	173	5	-	1	3	6	5	61	10	132
White	838	355	46	-	23	22	15	24	83	56	214
Male	484	201	41	-	22	19	10	19	25	50	97
Female	354	154	5	-	1	3	5	5	58	6	117
All other	127	65	1	-	2	1	5	2	5	9	37
Male	85	46	1	-	2	1	4	2	2	5	22
Female	42	19	-	-	-	-	1	-	3	4	15
Black	124	63	1	-	2	1	5	2	5	8	37
Male	83	44	1	-	2	1	4	2	2	5	22
Female	41	19	-	-	-	-	1	-	3	3	15
Montana	169	60	10	-	15	9	1	4	11	8	51
Male	115	45	10	-	15	7	1	3	5	7	22
Female	54	15	-	-	-	2	-	1	6	1	29
White	154	51	8	-	14	9	1	4	11	7	49
Male	106	39	8	-	14	7	1	3	5	7	22
Female	48	12	-	-	-	2	-	1	6	-	27
All other	15	9	2	-	1	-	-	-	-	1	2
Male	9	6	2	-	1	-	-	-	-	-	-
Female	6	3	-	-	-	-	-	-	-	1	2
Black	2	2	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-

Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1990—Con.
(Page 5 of 8)
[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Area, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Nebraska	252	91	26	1	12	4	3	6	34	10	65
Male	153	54	23	1	11	3	1	6	12	8	34
Female	99	37	3	-	1	1	2	-	22	2	31
White	239	83	26	1	12	3	1	6	34	10	63
Male	146	48	23	1	11	3	-	6	12	8	34
Female	93	35	3	-	1	-	1	-	22	2	29
All other	13	8	-	-	-	1	2	-	-	-	2
Male	7	6	-	-	-	-	1	-	-	-	-
Female	6	2	-	-	-	1	1	-	-	-	2
Black	7	4	-	-	-	1	-	-	-	-	2
Male	3	3	-	-	-	-	-	-	-	-	-
Female	4	1	-	-	-	1	-	-	-	-	2
Nevada	162	75	2	-	7	5	5	3	3	18	44
Male	118	57	1	-	7	5	3	3	1	17	24
Female	44	18	1	-	-	-	2	-	2	1	20
White	143	66	1	-	7	4	5	3	3	15	39
Male	100	49	-	-	7	4	3	3	1	14	19
Female	43	17	1	-	-	-	2	-	2	1	20
All other	19	9	1	-	-	1	-	-	-	3	5
Male	18	8	1	-	-	1	-	-	-	3	5
Female	1	1	-	-	-	-	-	-	-	-	-
Black	12	6	-	-	-	1	-	-	-	1	4
Male	11	5	-	-	-	1	-	-	-	1	4
Female	1	1	-	-	-	-	-	-	-	-	-
New Hampshire	144	75	-	-	3	2	3	2	12	19	28
Male	91	43	-	-	3	2	3	1	6	17	16
Female	53	32	-	-	-	-	-	1	6	2	12
White	143	75	-	-	3	2	3	2	12	19	27
Male	91	43	-	-	3	2	3	1	6	17	16
Female	52	32	-	-	-	-	-	1	6	2	11
All other	1	-	-	-	-	-	-	-	-	-	1
Male	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1
Black	1	-	-	-	-	-	-	-	-	-	1
Male	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1
New Jersey	1,006	327	5	-	29	20	30	29	35	82	449
Male	618	186	5	-	28	18	26	24	15	73	243
Female	388	141	-	-	1	2	4	5	20	9	206
White	807	247	5	-	22	14	23	20	34	63	379
Male	482	140	5	-	21	13	20	17	14	56	196
Female	325	107	-	-	1	1	3	3	20	7	183
All other	199	80	-	-	7	6	7	9	1	19	70
Male	136	46	-	-	7	5	6	7	1	17	47
Female	63	34	-	-	-	1	1	2	-	2	23
Black	187	74	-	-	7	6	7	8	1	16	68
Male	129	44	-	-	7	5	6	6	1	14	46
Female	58	30	-	-	-	1	1	2	-	2	22
New Mexico	309	156	2	1	13	10	10	8	19	44	46
Male	220	102	2	1	13	9	9	8	9	36	31
Female	89	54	-	-	-	1	1	-	10	8	15
White	253	140	1	1	11	9	7	7	18	24	35
Male	178	93	1	1	11	8	6	7	8	18	25
Female	75	47	-	-	-	1	1	-	10	6	10
All other	56	16	1	-	2	1	3	1	1	20	11
Male	42	9	1	-	2	1	3	1	1	18	6
Female	14	7	-	-	-	-	-	-	-	2	5
Black	5	3	-	-	-	-	1	-	-	-	1
Male	3	2	-	-	-	-	1	-	-	-	-
Female	2	1	-	-	-	-	-	-	-	-	1
New York	2,222	889	8	4	33	46	101	71	88	141	841
Male	1,440	522	8	3	33	37	81	51	45	125	535
Female	782	367	-	1	-	9	20	20	43	16	306
White	1,757	690	7	3	23	29	74	48	83	108	692
Male	1,124	403	7	3	23	24	58	32	41	98	435
Female	633	287	-	-	-	5	16	16	42	10	257
All other	465	199	1	1	10	17	27	23	5	33	149
Male	316	119	1	-	10	13	23	19	4	27	100
Female	149	80	-	1	-	4	4	4	1	6	49
Black	426	186	1	-	9	13	24	20	4	27	142
Male	296	116	1	-	9	10	20	18	3	24	95
Female	130	70	-	-	-	3	4	2	1	3	47
North Carolina	1,232	394	40	-	37	25	13	24	36	95	568
Male	823	274	39	-	37	21	8	19	17	86	320
Female	409	120	1	-	-	4	5	5	19	7	248
White	877	265	35	-	28	18	8	15	32	59	417
Male	561	180	34	-	28	15	5	11	15	55	218
Female	316	85	1	-	-	3	3	4	17	4	199
All other	355	129	5	-	9	7	5	9	4	36	151
Male	262	94	5	-	9	6	3	8	2	33	102
Female	93	35	-	-	-	1	2	1	2	3	49
Black	341	126	5	-	9	7	5	9	4	34	142
Male	255	93	5	-	9	6	3	8	2	32	97
Female	86	33	-	-	-	1	2	1	2	2	45

Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1990—Con.

(Page 6 of 8)

[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Area, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
North Dakota	92	29	10	1	4	2	4	4	8	9	21
Male	54	13	9	1	3	2	3	3	2	7	11
Female	38	16	1	–	1	–	1	1	6	2	10
White	86	27	10	1	4	2	3	4	8	7	20
Male	49	11	9	1	3	2	2	3	2	6	10
Female	37	16	1	–	1	–	1	1	6	1	10
All other	6	2	–	–	–	–	1	–	–	2	1
Male	5	2	–	–	–	–	1	–	–	1	1
Female	1	–	–	–	–	–	–	–	–	1	–
Black	1	–	–	–	–	–	1	–	–	–	–
Male	1	–	–	–	–	–	1	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–
Ohio	1,671	727	35	2	70	38	27	36	94	109	533
Male	998	424	34	2	68	32	20	22	39	91	266
Female	673	303	1	–	2	6	7	14	55	18	267
White	1,444	604	34	2	62	32	26	29	82	90	483
Male	848	344	33	2	60	27	19	17	30	77	239
Female	596	260	1	–	2	5	7	12	52	13	244
All other	227	123	1	–	8	6	1	7	12	19	50
Male	150	80	1	–	8	5	1	5	9	14	27
Female	77	43	–	–	–	1	–	2	3	5	23
Black	224	121	1	–	8	6	1	7	12	18	50
Male	148	79	1	–	8	5	1	5	9	13	27
Female	76	42	–	–	–	1	–	2	3	5	23
Oklahoma	569	194	16	–	28	15	9	7	28	61	211
Male	366	114	13	–	28	11	6	5	16	53	120
Female	203	80	3	–	–	4	3	2	12	8	91
White	501	168	16	–	27	9	7	7	27	55	185
Male	316	99	13	–	27	6	4	5	15	47	100
Female	185	69	3	–	–	3	3	2	12	8	85
All other	68	26	–	–	1	6	2	–	1	6	26
Male	50	15	–	–	1	5	2	–	1	6	20
Female	18	11	–	–	–	1	–	–	–	–	6
Black	44	16	–	–	–	5	2	–	1	5	15
Male	32	9	–	–	–	4	2	–	1	5	11
Female	12	7	–	–	–	1	–	–	–	–	4
Oregon	491	182	10	1	31	24	14	12	31	68	118
Male	334	105	9	1	30	22	11	11	13	65	67
Female	157	77	1	–	1	2	3	1	18	3	51
White	453	166	10	1	31	23	12	11	30	57	112
Male	304	93	9	1	30	21	9	10	12	55	64
Female	149	73	1	–	1	2	3	1	18	2	48
All other	38	16	–	–	–	1	2	1	1	11	6
Male	30	12	–	–	–	1	2	1	1	10	3
Female	8	4	–	–	–	–	–	–	–	1	3
Black	17	9	–	–	–	1	1	1	–	3	2
Male	14	7	–	–	–	1	1	1	–	3	1
Female	3	2	–	–	–	–	–	–	–	–	1
Pennsylvania	1,959	800	37	5	72	14	41	52	78	133	727
Male	1,239	500	33	5	71	11	35	39	42	121	382
Female	720	300	4	–	1	3	6	13	36	12	345
White	1,641	631	37	5	66	10	34	41	67	120	630
Male	1,040	393	33	5	66	8	29	30	36	109	331
Female	601	238	4	–	–	2	5	11	31	11	299
All other	318	169	–	–	6	4	7	11	11	13	97
Male	199	107	–	–	5	3	6	9	6	12	51
Female	119	62	–	–	1	1	1	2	5	1	46
Black	309	167	–	–	6	4	7	10	10	11	94
Male	192	106	–	–	5	3	6	8	5	10	49
Female	117	61	–	–	1	1	1	2	5	1	45
Rhode Island	139	64	–	–	2	1	2	2	13	11	44
Male	69	32	–	–	1	–	2	2	5	9	18
Female	70	32	–	–	1	1	–	–	8	2	26
White	130	61	–	–	2	1	1	2	13	8	42
Male	63	31	–	–	1	–	1	2	5	6	17
Female	67	30	–	–	1	1	–	–	8	2	25
All other	9	3	–	–	–	–	1	–	–	3	2
Male	6	1	–	–	–	–	1	–	–	3	1
Female	3	2	–	–	–	–	–	–	–	–	1
Black	5	3	–	–	–	–	–	–	–	–	2
Male	2	1	–	–	–	–	–	–	–	–	1
Female	3	2	–	–	–	–	–	–	–	–	1
South Carolina	633	247	9	–	19	22	15	19	15	77	210
Male	428	159	9	–	18	22	12	17	5	70	116
Female	205	88	–	–	1	–	3	2	10	7	94
White	391	144	5	–	11	13	10	9	12	44	143
Male	263	98	5	–	11	13	9	7	3	37	80
Female	128	46	–	–	–	–	1	2	9	7	63
All other	242	103	4	–	8	9	5	10	3	33	67
Male	165	61	4	–	7	9	3	10	2	33	36
Female	77	42	–	–	1	–	2	–	1	–	31
Black	241	103	4	–	7	9	5	10	3	33	67
Male	164	61	4	–	6	9	3	10	2	33	36
Female	77	42	–	–	1	–	2	–	1	–	31

Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1990—Con.

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[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Area, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
South Dakota	143	60	8	-	3	3	4	5	22	14	24
Male	94	40	7	-	3	3	4	4	11	11	11
Female	49	20	1	-	-	-	-	1	11	3	13
White	114	43	8	-	3	1	4	4	20	12	19
Male	78	31	7	-	3	1	4	3	9	10	10
Female	36	12	1	-	-	-	-	1	11	2	9
All other	29	17	-	-	-	2	-	1	2	2	5
Male	16	9	-	-	-	2	-	1	2	1	1
Female	13	8	-	-	-	-	-	-	-	1	4
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Tennessee	938	361	29	4	27	21	21	19	33	60	363
Male	619	220	27	4	26	19	16	17	14	52	224
Female	319	141	2	-	1	2	5	2	19	8	139
White	772	282	28	4	26	16	17	15	30	46	308
Male	501	164	26	4	25	15	12	14	13	43	185
Female	271	118	2	-	1	1	5	1	17	3	123
All other	166	79	1	-	1	5	4	4	3	14	55
Male	118	56	1	-	1	4	4	3	1	9	39
Female	48	23	-	-	-	1	-	1	2	5	16
Black	163	78	1	-	1	4	4	4	3	14	54
Male	115	55	1	-	1	3	4	3	1	9	38
Female	48	23	-	-	-	1	-	1	2	5	16
Texas	2,668	980	58	1	93	68	56	63	187	523	639
Male	1,858	623	52	1	91	59	51	50	84	437	410
Female	810	357	6	-	2	9	5	13	103	86	229
White	2,267	820	57	-	84	54	46	55	180	428	543
Male	1,582	524	51	-	82	47	41	45	81	369	342
Female	685	296	6	-	2	7	5	10	99	59	201
All other	401	160	1	1	9	14	10	8	7	95	96
Male	276	99	1	1	9	12	10	5	3	68	68
Female	125	61	-	-	-	2	-	3	4	27	28
Black	382	154	1	1	7	13	10	8	7	86	95
Male	262	97	1	1	7	11	10	5	3	60	67
Female	120	57	-	-	-	2	-	3	4	26	28
Utah	214	87	5	-	6	10	7	7	15	29	48
Male	143	47	4	-	6	8	7	6	8	21	36
Female	71	40	1	-	-	2	-	1	7	8	12
White	201	82	5	-	6	9	6	7	15	27	44
Male	132	43	4	-	6	7	6	6	8	20	32
Female	69	39	1	-	-	2	-	1	7	7	12
All other	13	5	-	-	-	1	1	-	-	2	4
Male	11	4	-	-	-	1	1	-	-	1	4
Female	2	1	-	-	-	-	-	-	-	1	-
Black	2	1	-	-	-	-	-	-	-	-	1
Male	2	1	-	-	-	-	-	-	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-
Vermont	83	29	1	-	2	-	-	-	7	11	33
Male	52	20	1	-	2	-	-	-	3	8	18
Female	31	9	-	-	-	-	-	-	4	3	15
White	83	29	1	-	2	-	-	-	7	11	33
Male	52	20	1	-	2	-	-	-	3	8	18
Female	31	9	-	-	-	-	-	-	4	3	15
All other	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Virginia	956	313	12	4	29	17	25	11	19	93	433
Male	629	189	11	4	29	15	21	9	8	87	256
Female	327	124	1	-	-	2	4	2	11	6	177
White	732	219	11	3	25	10	18	9	19	70	348
Male	462	127	10	3	25	8	14	7	8	65	195
Female	270	92	1	-	-	2	4	2	11	5	153
All other	224	94	1	1	4	7	7	2	-	23	85
Male	167	62	1	1	4	7	7	2	-	22	61
Female	57	32	-	-	-	-	-	-	-	1	24
Black	218	94	1	-	4	7	6	2	-	21	83
Male	162	62	1	-	4	7	6	2	-	20	60
Female	56	32	-	-	-	-	-	-	-	1	23
Washington	714	324	9	-	25	31	18	17	64	101	125
Male	471	202	7	-	25	24	14	14	27	90	68
Female	243	122	2	-	-	7	4	3	37	11	57
White	673	301	9	-	25	28	18	17	63	91	121
Male	441	188	7	-	25	21	14	14	27	80	65
Female	232	113	2	-	-	7	4	3	36	11	56
All other	41	23	-	-	-	3	-	-	1	10	4
Male	30	14	-	-	-	3	-	-	-	10	3
Female	11	9	-	-	-	-	-	-	1	-	1
Black	18	12	-	-	-	1	-	-	-	3	2
Male	13	8	-	-	-	1	-	-	-	3	1
Female	5	4	-	-	-	-	-	-	-	-	1

Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1990—Con.
(Page 8 of 8)

[Deaths are those assigned to category numbers E850-E869 and E880-E928 of the Ninth Revision International Classification of Diseases, 1975. Numbers after place of accident are special fifth-digit subcategory codes]

Area, race, and sex	Total deaths	Place of accident									
		Home [1]	Farm [2]	Mine and quarry	Industrial place and premises	Place for recreation and sport	Street and highway	Public building	Residential institution	Other specified places	Unspecified place
		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
West Virginia	324	151	9	6	13	3	2	5	20	40	75
Male	197	84	8	6	12	2	2	4	7	33	39
Female	127	67	1	-	1	1	-	1	13	7	36
White	309	141	9	6	13	3	2	5	20	38	72
Male	186	77	8	6	12	2	2	4	7	31	37
Female	123	64	1	-	1	1	-	1	13	7	35
All other	15	10	-	-	-	-	-	-	-	2	3
Male	11	7	-	-	-	-	-	-	-	2	2
Female	4	3	-	-	-	-	-	-	-	-	1
Black	15	10	-	-	-	-	-	-	-	2	3
Male	11	7	-	-	-	-	-	-	-	2	2
Female	4	3	-	-	-	-	-	-	-	-	1
Wisconsin	714	350	32	2	24	12	13	20	78	57	126
Male	454	213	27	2	23	11	10	13	31	48	76
Female	260	137	5	-	1	1	3	7	47	9	50
White	643	304	32	2	23	11	11	20	78	51	111
Male	403	182	27	2	22	10	9	13	31	44	63
Female	240	122	5	-	1	1	2	7	47	7	48
All other	71	46	-	-	1	1	2	-	-	6	15
Male	51	31	-	-	1	1	1	-	-	4	13
Female	20	15	-	-	-	-	1	-	-	2	2
Black	57	38	-	-	-	1	2	-	-	3	13
Male	40	23	-	-	-	1	1	-	-	3	12
Female	17	15	-	-	-	-	1	-	-	-	1
Wyoming	85	34	4	1	5	1	-	3	3	10	24
Male	58	24	4	1	5	1	-	3	1	9	10
Female	27	10	-	-	-	-	-	-	2	1	14
White	81	31	4	1	5	1	-	3	3	10	23
Male	56	22	4	1	5	1	-	3	1	9	10
Female	25	9	-	-	-	-	-	-	2	1	13
All other	4	3	-	-	-	-	-	-	-	-	1
Male	2	2	-	-	-	-	-	-	-	-	-
Female	2	1	-	-	-	-	-	-	-	-	1
Black	1	1	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-

[1] Including home premises and any noninstitutional place of residence.
[2] Including buildings and land under cultivation, but excluding farm home and home premises.

Section 6. Life Tables

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TABLE: 6	–1	–2	–3	–4	–5
PAGE:	7	11	12	13	19
Years:					
1900–1990					[1]5
1990 only	1	2	3		
Specified years and 1990			[2]4		
Type of entry:					
Proportion dying (${}_nq_x$)	1				
Number surviving (l_x)	1	2		4	
Number dying (${}_nd_x$)	1				
Stationary population (${}_nL_x$ and T_x)	1				
Average remaining lifetime ($\mathring{e}_x$)	1		3	4	
Average length of life ($\mathring{e}_o$)					5
Characteristics:					
Age by:					
Single years		2	3		
5-year intervals	1			4	
Race-specific	1	2	3	4	5
Sex-race specific	1	2	3	4	5
Sex-specific	1	2	3	4	5
Total population	1	2	3	4	5

[1]Entire United States for 1929–90; death-registration States for 1900–28.
[2]Entire United States for specified years from 1929 to 1990; death registration States for specified years from 1900 to 1921.

Death rates for a specific period may be summarized by the life table method to obtain measures of comparative longevity. There are two types of life tables—the generation or cohort life table and the current life table.

The generation life table provides a "longitudinal" perspective in that it follows the mortality experience of a particular cohort, all persons born in the year 1900, for example, from the moment of birth through consecutive ages in successive calendar years. Based on age-specific death rates observed through consecutive calendar years, the generation life table reflects the mortality experience of an actual cohort from birth until no lives remain in the group. To prepare just a single complete generation life table requires data over many years. It is not feasible to construct generation life tables entirely on the basis of actual data for cohorts born in this century (1). It is necessary to project data for the incomplete period for cohorts whose life spans are not yet complete (2).

The better-known current life table may, in contrast, be characterized as "cross sectional." Unlike the generation life table, the current life table does not represent the mortality experience of an actual cohort. Rather, the current life table considers a hypothetical cohort and assumes that it is subject to the age-specific death rates observed for an actual population during a particular period. Thus, for example, a current life table for 1990 assumes a hypothetical cohort subject throughout its lifetime to the age-specific death rates prevailing for the actual population in 1990. The current life table may thus be characterized as rendering a "snapshot" of current mortality experience, and shows the long-range implications of a set of age-specific death rates that prevailed in a given year. In this section the term "life table" refers only to the current life table and not to the generation life table.

The life table program

Three series of life tables are prepared by the National Center for Health Statistics—complete, provisional abridged, and final abridged. The complete life tables for the U.S. population contain life table values for single years of age. They are based on decennial census data and deaths for a 3-year period around the census year and have been prepared since 1900. The provisional abridged life tables contain values by 5-year age groups and are based on a 10-percent sample of deaths. The final abridged life tables (referred to in this section as "abridged life tables") also contain values by 5-year age groups but are based on a complete count of all reported deaths.

In response to a growing number of requests for postcensal life table values, a series of abridged life tables was initiated in 1945. Available annually since that year, the abridged life tables are based on deaths occurring during the calendar year and on midyear postcensal population estimates provided by the U.S. Bureau of the Census. Refinements in both the techniques for estimating the population and the methods for constructing abridged life tables permit these tables to be prepared in a way that provides reasonably accurate data on current trends in expectation of life and survivorship. Beginning with 1945, abridged life tables have been constructed by reference to a standard table (3). Methodology developed by Greville was used in constructing life tables for 1945–52. Since 1953 a modified method has been employed (4). U.S. life tables for the decennial period 1979–81 are used as the standard table in constructing the 1990 abridged life tables.

The 1945 abridged life tables were prepared for white and all other males and females. Since 1946 abridged life tables for the total population have also been available, and since 1948 abridged life tables have been calculated for total males and total females. Beginning with 1951, additional abridged life tables have been calculated for the total white and total all other populations.

Numerous requests have been received annually for current life table statistics that are more detailed than those available in the abridged life tables. Therefore, tables showing l_x and $\mathring{e}_x$ values by single years of age interpolated from the abridged life tables have been published since 1960.

The demand for information regarding up-to-date life table values was responsible for the introduction of a third series, provisional abridged life tables. Beginning with 1958, provisional abridged life tables have been published, for the total population only, in the "Annual Summary of Births, Marriages, Divorces, and Deaths, United States," *Monthly Vital Statistics Report*; unpublished provisional life table data by race and sex are also produced annually. Values in these life tables are based on population estimates provided by the U.S. Bureau of the Census and on the estimated number of deaths derived from the Current Mortality Sample (CMS). The CMS consists of one-tenth of the death certificates filed in the vital statistics registration offices of each State, the District of Columbia, and New York City. The sample is taken by selecting 1 of every 10 death certificates received between two dates a month apart, regardless of the month or year in which the death occurred.

Life table values

The data used to prepare the abridged U.S. life tables for 1990 are the final mortality statistics and the April 1, 1990,

Table A. Expectation of life at selected ages by race and sex: Death-registration States, 1900–1902, and United States, 1959–61, 1969–71, 1979–81, 1989, and 1990

Life table value, period, and age	Total	White		All other			
				Total		Black	
		Male	Female	Male	Female	Male	Female
Expectation of life							
At birth:							
1990	75.4	72.7	79.4	67.0	75.2	64.5	73.6
1989[1]	75.1	72.5	79.2	66.7	74.9	64.3	73.3
1979–81	73.88	70.82	78.22	65.63	74.00	64.10	73.88
1969–71	70.75	67.94	75.49	60.98	69.05	69.00	68.32
1959–61	69.89	67.55	74.19	61.48	66.47	---	---
1900–1902	49.24	48.23	51.08	---	---	32.54	35.04
At age 1 year:							
1990	75.1	72.3	78.9	67.2	75.3	65.8	73.8
1989[1]	74.9	72.2	78.8	66.9	75.0	64.6	73.6
1979–81	73.82	70.70	77.98	66.01	74.31	64.60	73.31
1969–71	71.19	68.33	75.66	62.13	70.01	61.24	69.37
1959–61	70.75	68.34	74.68	63.50	68.10	---	---
1900–1902	55.20	54.61	56.39	---	---	42.46	43.54
At age 20 years:							
1990	56.6	54.0	60.3	49.0	56.8	46.7	55.3
1989[1]	56.5	53.8	60.2	48.7	56.5	46.5	55.1
1979–81	55.46	52.45	59.44	47.87	55.88	46.48	54.90
1969–71	53.00	50.22	57.24	44.37	51.85	43.49	51.22
1959–61	52.58	50.25	56.29	45.78	50.07	---	---
1900–1902	42.79	42.19	43.77	---	---	35.11	36.89
At age 65 years:							
1990	17.2	15.2	19.1	14.0	17.8	13.2	17.2
1989[1]	17.1	15.1	18.9	13.9	17.5	13.0	16.9
1979–81	16.51	14.26	18.55	13.83	17.60	13.29	17.13
1969–71	15.00	13.02	16.93	12.87	15.99	12.53	15.67
1959–61	14.39	12.97	15.88	12.84	15.12	---	---
1900–1902	11.86	11.51	12.23	---	---	10.38	11.38

[1]Life table values are revised and, therefore, may differ from those published in *Vital Statistics of the United States, 1989 Life Tables, Volume II, Section 6* and earlier years.

census enumeration by age, race, and sex prepared by the U.S. Bureau of the Census. Selected life table values for 1900–1902, 1959–61, 1969–71, 1979–81, 1989, and 1990 are shown in tables A and B.

Expectation of life—The most frequently used life table statistic is life expectancy ($\mathring{e}_x$), which is the average number of years of life remaining for persons who have attained a given age (x). Life expectancy and other life table values at specified ages in 1990 are shown for the total population and by race and sex in table 6-1. In addition, life expectancies at single years of age by race and sex are shown in table 6-3.

Life expectancy at birth for 1990 for the total population was 75.4 years. This represents the average number of years that the members of the life table cohort may expect to live at the time of birth (tables A and 6–1).

Survivors to specified ages—Another way of assessing the longevity of the life table cohort is by determining the proportion who survive to specified ages. The l_x column provides the data for computing the proportion. For instance, for the total population, 79,590 out of the original 1990 life table cohort of 100,000 (or 79.6 percent) were alive at exact age 65 (tables B and 6–2).

Median length of life—In addition to determining the proportion alive at a specified age, one can also compute the median age at death, the age at which exactly half the cohort (50,000 persons) still remain alive and half have died. For example, in 1990 the median age at death for the total population was 79.0 years (table B).

Trends and comparisons

In 1990 life expectancy at birth reached a record high of 75.4 years. This continued the general upward trend in life expectancy in the United States.

The expectation of life at birth for 1990 represents the average number of years that a group of infants born in 1990 would expect to live if the infants were to experience throughout their life the age-specific death rates prevailing in 1990. In 1990 life expectancy at birth for females was 78.8 years compared with 71.8 years for males; both figures represent increases over 1989 (table A). The difference in life expectancy between the sexes was 7.0 years in 1990, higher than the difference of 6.8 years in 1989. Historically, the difference in life expectancy between the sexes has narrowed since 1979, in

Table B. Percent surviving from birth to selected ages, and median age at death, by race and sex: Death-registration States, 1900–1902, and United States, 1959–61, 1969–71, 1979–81, 1989, and 1990

Life table value, period, and age	Total	White		All other			
				Total		Black	
		Male	Female	Male	Female	Male	Female
Percent surviving from birth							
To age 1 year:							
1990	99.1	99.1	99.3	98.3	98.6	98.0	98.4
1989[1]	99.0	99.1	99.3	98.2	98.5	98.0	98.3
1979–81	98.7	98.8	99.0	97.9	98.3	97.7	98.1
1969–71	98.0	98.0	98.5	96.6	97.2	96.4	97.1
1959–61	97.4	97.4	98.0	95.3	96.2	---	---
1900–1902	87.6	86.7	88.9	---	---	74.7	78.5
To age 20 years:							
1990	98.2	98.1	98.8	96.8	97.9	96.3	97.6
1989[1]	98.1	98.1	98.7	96.8	97.8	96.4	97.5
1979–81	97.7	97.5	98.4	96.4	97.4	96.1	97.2
1969–71	96.7	96.5	97.6	94.3	95.9	94.1	95.7
1959–61	96.1	95.9	97.1	93.1	94.7	---	---
1900–1902	77.2	76.4	79.0	---	---	56.7	59.1
To age 65 years:							
1990	79.6	76.0	86.4	62.7	78.3	57.1	75.1
1989[1]	79.5	75.9	86.3	63.6	78.3	57.8	75.3
1979–81	77.1	72.4	84.8	58.5	75.4	55.1	73.3
1969–71	71.9	66.3	81.6	49.6	66.1	47.5	64.7
1959–61	71.1	65.8	80.7	51.4	60.8	---	---
1900–1902	40.9	39.2	43.8	---	---	19.0	22.0
Median age at death:							
1990	79.0	76.2	85.8	70.9	79.3	68.3	77.6
1989[1]	78.8	76.0	82.6	70.3	78.8	67.8	77.2
1979–81	77.6	74.2	81.8	69.0	77.8	67.4	76.6
1969–71	74.9	71.5	79.5	64.8	72.8	63.8	72.2
1959–61	74.3	71.4	78.5	65.6	70.6	---	---
1900–1902	58.4	57.2	60.6	---	---	29.8	34.3

[1]Life table values are revised and, therefore, may differ from those published in *Vital Statistics of the United States, 1989 Life Tables, Volume II Section 6* and earlier years.

contrast to widening from 1900 to 1972. The difference was 6.8 years in 1989 compared with 7.1 years in 1984, 7.8 years in 1975, 7.7 years and 7.8 years throughout the period 1972–79, 6.5 years in 1960, and 2.0 years in 1900.

Between 1989 and 1990 life expectancy for the white population increased from 75.9 years to a record high of 76.1 years, and for the black population from 68.8 years to 69.1 years. Although the difference in life expectancy between the black and white population narrowed from 7.6 years in 1970 to 5.7 years in 1982, it increased to 7.1 years in 1989 before declining to 7.0 years in 1990.

Among the four race-sex groups (white males and females; black males and females), white females continued to have the highest life expectancy at birth (79.4 years), followed by black females (73.6 years), white males (72.7 years), and black males (64.5 years) (table A). Between 1989 and 1990, life expectancy increased for black males (from 64.3 years in 1989 to 64.5 years in 1990) and for black females (from 73.3 years in 1989 to 73.6 years in 1990). Between 1984 and 1989, life expectancy for black males declined every year and, although life expectancy for black males increased between 1989 and 1990, it is still 0.8 years below the peak life expectancy of 65.3 years attained in 1984. Life expectancy for black females has fluctuated since 1982, showing no clear trend. Between 1985 and 1990, life expectancy at birth increased each year for white males; for white females, it increased for 4 of the 5 years; for black females, for 2 of the 5 years; and for black males, life expectancy decreased for 4 of the 5 years (table C). Overall, the largest gain in life expectancy between 1980 and 1990 was for white males (2.0 years), followed by white females (1.3 years), black females (1.1 years), and black males (0.7 years).

The 1990 life table can be used to compare life expectancies at any age from birth onward. For example, a person who has reached age 65 years may look forward to living to an older age, on the average, than one who has reached age 50 years. On the basis of mortality experienced in 1990, a person aged 50 years could expect to live an average of 29.0 more years for a total of 79.0 years, and a person aged 65 years could expect to live an average of 17.2 more years for a total of 82.2 years (table A).

Life expectancy differences between males and females widened for many years after the beginning of the century, but recently the differences have narrowed for the white population and have widened for the black population (table D). For the white population the difference between males and females

Table C. Average annual change in life expectancy at birth in years by race and sex: United States, 1900–1902 to 1969–71, 1969–71 to 1979–81, 1979–81 to 1984, 1984 to 1985, 1985 to 1986, 1986 to 1987, 1987 to 1988, 1988 to 1989, and 1989 to 1990

Period	White		Black	
	Male	Female	Male	Female
1989 to 1990[1]	+0.2	+0.2	+0.2	+0.3
1988 to 1989[1]	+0.3	+0.3	-0.1	+0.1
1987 to 1988[1]	+0.1	–	-0.3	-0.2
1986 to 1987[1]	+0.2	+0.1	-0.1	–
1985 to 1986[1]	+0.1	+0.1	-0.2	–
1984 to 1985[1]	–	–	-0.3	-0.2
1979–81 to 1984[1]	+0.3	+0.1	+0.4	+0.2
1969–71 to 1979–81	+0.3	+0.3	+0.4	+0.5
1900–1902 to 1969–71	+0.3	+0.4	+0.4	+0.5

[1]Life table values are revised and, therefore, may differ from those published in *Vital Statistics of the United States, 1989 Life Tables, Volume II, Section 6* and earlier years.

Table D. Differences in life expectancy at birth between males and females, by race; and between white and black persons, by sex: Death-registration States, 1900–1902, and United States, 1959–61, 1969–71, 1979–81, 1984, 1985, 1986, 1987, 1988, 1989, and 1990

Period	Female-Male		White-Black	
	White	Black	Male	Female
1990	6.7	9.1	8.2	5.8
1989[1]	6.7	9.0	8.2	5.9
1988[1]	6.7	8.8	7.8	5.7
1987[1]	6.8	8.7	7.4	5.5
1986[1]	6.9	8.6	7.1	5.4
1985[1]	6.9	8.4	6.8	5.3
1984[1]	6.9	8.3	6.5	5.1
1979–81	7.40	8.78	6.72	5.34
1969–71	7.55	8.32	7.94	7.17
1959–61	6.64	---	---	---
1900–1902	2.85	2.50	15.69	16.04

[1]Life table values are revised and, therefore, may differ from those published in *Vital Statistics of the United States, 1989 Life Tables, Volume II, Section 6* and earlier years.

increased from 2.9 years in 1900–1902 to 7.6 years by 1969–71; the difference has narrowed to 6.7 years for 1988–90. For the black population, the difference increased from 2.5 years in 1900–1902 to 8.8 years by 1979–81; it narrowed to 8.3 years by 1984, and increased to 9.1 years in 1990.

Technical appendix

The geographic areas covered in life tables before 1929–31 were limited to the death-registration areas. Life tables for 1900–1902 and 1909–11 were constructed using mortality data from the 1900 death-registration States (10 States and the District of Columbia) and for 1919–21 from the 1920 death-registration States (34 States and the District of Columbia). The tables for 1929–31 through 1958 cover the conterminous United States. Decennial life table values for the 3-year period 1959–61 were derived from data which include both Alaska and Hawaii for each year (table 6-4). Data for each year shown in table 6-5 include Alaska beginning in 1959 and Hawaii beginning in 1960. However, it is not believed that the inclusion of these two States materially affects life table values.

Revised life table values, 1961–89—Life table values for 1960–69, 1970–79, and 1980–89 are constructed using the U.S. decennial life tables for 1959–61, 1969–71, and 1979–81, respectively, as the standard tables. The life table values for 1981–89 appearing in this publication are based on revised intercensal estimates of the populations for those years. As a result, the life table values for 1981–89 may differ from the life table values for those years published in *Vital Statistics of the United States* for 1989 and earlier years.

New Jersey data, 1962–64—The life tables for 1962 and 1963 for the six population groups involving race do not include data from New Jersey. This State omitted the item on race from its certificates of live birth, death, and fetal death in use at the beginning of 1962. The item was restored during the latter part of 1962. However, the certificate revision without this item was used for most of 1962 as well as for 1963. For computing vital rates, populations by age, race, and sex (excluding New Jersey) were estimated to obtain comparable denominators. Approximately 7 percent of the New Jersey death records for 1964 did not contain the race designation. When the records were being electronically processed for this

State, the "race not stated" deaths were allocated to white or to black.

Nonresidents—Beginning in 1970 the deaths of nonresidents of the United States have been excluded from the life table statistics.

Estimates for single calendar years—There has been an increasing interest in data on the average length of life ($\mathring{e}_x$) for single calendar years prior to 1945, when the annual abridged life table series was initiated. The figures in table 6-5 for groups by race and sex for the following years were estimated to meet these needs (5).

Years	*Race and sex*
1900–45	Total
1900–47	Male
1900–47	Female
1900–50	White
1900–44	White male
1900–44	White female
1900–50	All other
1900–44	All other male
1900–44	All other female

Population bases for computing life tables

The population used for computing life table values in this section (furnished by the U.S. Bureau of the Census) represents the resident population of the United States. The populations used for computing the 1990 life table values are based on the April 1, 1990, census enumeration (6). The 1990 census counts by race and age were modified. Race was modified to be consistent with the Office of Management and Budget categories and historical categories for mortality data. The modification procedures for race and age are described in the census report (7).

Life table values in this report for 1981–89 are based on revised populations that are consistent with the 1990 census level (7). They are, therefore, not comparable with rates published in previous years.

Explanation of the columns of the life table

Column 1—Age interval (x to $x + n$)—This column shows the age interval between the two exact ages indicated. For instance, "20–25" means the 5-year interval between the 20th and 25th birthdays.

Column 2—Proportion dying ($_nq_x$)—This column shows the proportion of the cohort who are alive at the beginning of an indicated age interval and who will die before reaching the end of that age interval. For example, for males in the age interval 20–25, the proportion dying is 0.00828: Out of every 1,000 males alive and exactly 20 years of age at the beginning of the period, about 8 will die before reaching their 25th birthday. In other words, the $_nq_x$ values represent probabilities that persons who are alive at the beginning of a specific age interval will die before reaching the beginning of the next age interval. The "proportion dying" column forms the basis of the life table. The life table is so constructed that all other columns are derived from it.

Column 3—Number surviving (l_x)—This column shows the number of persons, starting with a cohort of 100,000 live births, who survive to the exact age marking the beginning of each age interval. The l_x values are computed from the $_nq_x$ values, which are successively applied to the remainder of the original 100,000 persons still alive at the beginning of each age interval. Thus out of 100,000 male babies born alive, 98,969 will complete the first year of life and enter the second; 98,765 will begin the sixth year; 97,863 will reach age 20; and 21,962 will live to age 85.

Column 4—Number dying ($_nd_x$)—This column shows the number dying in each successive age interval out of 100,000 live births. Out of 100,000 males born alive, 1,031 will die in the first year of life; 204 in the succeeding 4 years; 811 in the 5-year period between exact ages 20 and 25, and 21,962 will die after reaching age 85. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population ($_nL_x$ and T_x)—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year and that the proportions dying in each such group in each age interval throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given age group would never change. When individuals left the group, either by death or by growing older and entering the next higher age group, their places would immediately be taken by persons entering from the next lower age group. Thus a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the various age groups. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday that marks the beginning of the age interval indicated in column 1, and column 4 shows the number of persons who die each year in the indicated age interval.

Column 5 shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for males in the age interval 20–25 years is 487,331. This means that in a stationary population of males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 487,331 persons between exact ages 20 and 25 years.

Column 6 shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 5,211,935 persons who have passed their 20th birthday. The

male population at all ages 0 and above (the total male population of the stationary community) would be 7,183,880.

Column 7—Average remaining lifetime ($\mathring{e}_x$)—The average remaining lifetime (also called expectation of life) at any given age is the average number of years remaining to be lived by those surviving to that age on the basis of a given set of age-specific rates of dying. To arrive at this value, it is first necessary to observe that the figures in column 5 of the life table can also be interpreted in terms of a single life table cohort without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus the figure 487,331 for males in the age interval 20–25 is the total number of years lived between the 20th and 25th birthdays by the 97,863 (column 3) who reached the 20th birthday out of 100,000 males born alive. The corresponding figure 5,211,935 in column 6 is the total number of years lived after attaining age 20 by the 97,863 reaching that age. This number of years divided by the number of persons (5,211,935 divided by 97,863) gives 53.3 years as the average remaining lifetime of males at age 20.

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Symbols Used in Tables

Data not available	- - -
Category not applicable	. . .
Quantity zero	–
Quantity more than zero but less than 0.05	0.0
Quantity more than zero but less than 500 where numbers are rounded to thousands	Z
Figure does not meet standards of reliability or precision estimate is based on fewer than 20 events in numerator or denominator	*

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1990
(Page 1 of 4)

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years, race, and sex	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	$\mathring{e}_x$
ALL RACES						
0-1	0.00926	100,000	927	99,210	7,535,219	75.4
1-5	.00184	99,073	183	395,863	7,436,009	75.1
5-10	.00111	98,890	110	494,150	7,040,146	71.2
10-15	.00128	98,780	127	493,654	6,545,996	66.3
15-20	.00436	98,653	430	492,290	6,052,342	61.3
20-25	.00549	98,223	539	489,794	5,560,052	56.6
25-30	.00621	97,684	607	486,901	5,070,258	51.9
30-35	.00765	97,077	743	483,571	4,583,357	47.2
35-40	.00988	96,334	952	479,425	4,099,786	42.6
40-45	.01261	95,382	1,203	474,117	3,620,361	38.0
45-50	.01868	94,179	1,759	466,820	3,146,244	33.4
50-55	.02905	92,420	2,685	455,809	2,679,424	29.0
55-60	.04570	89,735	4,101	439,012	2,223,615	24.8
60-65	.07058	85,634	6,044	413,879	1,784,603	20.8
65-70	.10285	79,590	8,186	378,369	1,370,724	17.2
70-75	.15191	71,404	10,847	330,846	992,355	13.9
75-80	.22110	60,557	13,389	270,129	661,509	10.9
80-85	.32387	47,168	15,276	197,857	391,380	8.3
85 and over	1.00000	31,892	31,892	193,523	193,523	6.1
MALE						
0-1	.01031	100,000	1,031	99,119	7,183,880	71.8
1-5	.00206	98,969	204	395,403	7,084,761	71.6
5-10	.00129	98,765	127	493,479	6,689,358	67.7
10-15	.00156	98,638	153	492,911	6,195,879	62.8
15-20	.00632	98,485	622	491,033	5,702,968	57.9
20-25	.00828	97,863	811	487,331	5,211,935	53.3
25-30	.00920	97,052	893	483,003	4,724,604	48.7
30-35	.01113	96,159	1,070	478,152	4,241,601	44.1
35-40	.01405	95,089	1,336	472,274	3,763,449	39.6
40-45	.01713	93,753	1,606	465,027	3,291,175	35.1
45-50	.02426	92,147	2,235	455,563	2,826,148	30.7
50-55	.03710	89,912	3,336	441,751	2,370,585	26.4
55-60	.05881	86,576	5,091	420,868	1,928,834	22.3
60-65	.09123	81,485	7,434	389,800	1,507,966	18.5
65-70	.13352	74,051	9,887	346,465	1,118,166	15.1
70-75	.19707	64,164	12,645	289,929	771,701	12.0
75-80	.28476	51,519	14,671	221,047	481,772	9.4
80-85	.40399	36,848	14,886	146,168	260,725	7.1
85 and over	1.00000	21,962	21,962	114,557	114,557	5.2
FEMALE						
0-1	.00817	100,000	817	99,307	7,876,756	78.8
1-5	.00161	99,183	160	396,349	7,777,449	78.4
5-10	.00093	99,023	92	494,865	7,381,100	74.5
10-15	.00099	98,931	98	494,443	6,886,235	69.6
15-20	.00231	98,833	229	493,629	6,391,792	64.7
20-25	.00256	98,604	253	492,399	5,898,163	59.8
25-30	.00319	98,351	313	490,989	5,405,764	55.0
30-35	.00423	98,038	414	489,203	4,914,775	50.1
35-40	.00577	97,624	563	486,812	4,425,572	45.3
40-45	.00819	97,061	795	483,465	3,938,760	40.6
45-50	.01329	96,266	1,279	478,365	3,455,295	35.9
50-55	.02139	94,987	2,032	470,170	2,976,930	31.3
55-60	.03356	92,955	3,120	457,435	2,506,760	27.0
60-65	.05225	89,835	4,694	438,123	2,049,325	22.8
65-70	.07728	85,141	6,579	410,119	1,611,202	18.9
70-75	.11692	78,562	9,186	371,024	1,201,083	15.3
75-80	.17750	69,376	12,314	317,548	830,059	12.0
80-85	.27745	57,062	15,832	246,835	512,511	9.0
85 and over	1.00000	41,230	41,230	265,676	265,676	6.4

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1990—Con.
(Page 2 of 4)

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years, race, and sex	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	$\mathring{e}_x$
WHITE						
0-1	0.00760	100,000	760	99,352	7,611,070	76.1
1-5	.00163	99,240	162	396,581	7,511,718	75.7
5-10	.00102	99,078	101	495,115	7,115,137	71.8
10-15	.00120	98,977	119	494,658	6,620,022	66.9
15-20	.00404	98,858	400	493,379	6,125,364	62.0
20-25	.00486	98,458	479	491,107	5,631,985	57.2
25-30	.00537	97,979	527	488,564	5,140,878	52.5
30-35	.00652	97,452	635	485,707	4,652,314	47.7
35-40	.00841	96,817	815	482,165	4,166,607	43.0
40-45	.01101	96,002	1,057	477,563	3,684,442	38.4
45-50	.01666	94,945	1,582	471,080	3,206,879	33.8
50-55	.02648	93,363	2,472	461,048	2,735,799	29.3
55-60	.04253	90,891	3,866	445,380	2,274,751	25.0
60-65	.06721	87,025	5,849	421,339	1,829,371	21.0
65-70	.09918	81,176	8,051	386,675	1,408,032	17.3
70-75	.14873	73,125	10,876	339,437	1,021,357	14.0
75-80	.21883	62,249	13,622	278,096	681,920	11.0
80-85	.32245	48,627	15,680	204,192	403,824	8.3
85 and over	1.00000	32,947	32,947	199,632	199,632	6.1
WHITE, MALE						
0-1	.00855	100,000	855	99,271	7,271,522	72.7
1-5	.00181	99,145	180	396,164	7,172,251	72.3
5-10	.00118	98,965	117	494,506	6,776,087	68.5
10-15	.00145	98,848	143	493,985	6,281,581	63.5
15-20	.00573	98,705	565	492,254	5,787,596	58.6
20-25	.00728	98,140	714	488,939	5,295,342	54.0
25-30	.00797	97,426	777	485,150	4,806,403	49.3
30-35	.00956	96,649	924	480,957	4,321,253	44.7
35-40	.01203	95,725	1,151	475,895	3,840,296	40.1
40-45	.01493	94,574	1,412	469,599	3,364,401	35.6
45-50	.02153	93,162	2,006	461,197	2,894,802	31.1
50-55	.03375	91,156	3,077	448,611	2,433,605	26.7
55-60	.05475	88,079	4,822	429,070	1,984,994	22.5
60-65	.08705	83,257	7,248	399,164	1,555,924	18.7
65-70	.12919	76,009	9,819	356,490	1,156,760	15.2
70-75	.19326	66,190	12,792	299,767	800,270	12.1
75-80	.28242	53,398	15,081	229,471	500,503	9.4
80-85	.40333	38,317	15,455	152,056	271,032	7.1
85 and over	1.00000	22,862	22,862	118,976	118,976	5.2
WHITE, FEMALE						
0-1	.00659	100,000	659	99,439	7,940,961	79.4
1-5	.00143	99,341	142	397,023	7,841,522	78.9
5-10	.00085	99,199	85	495,765	7,444,499	75.0
10-15	.00093	99,114	92	495,375	6,948,734	70.1
15-20	.00226	99,022	224	494,585	6,453,359	65.2
20-25	.00232	98,798	229	493,422	5,958,774	60.3
25-30	.00270	98,569	266	492,191	5,465,352	55.4
30-35	.00344	98,303	338	490,708	4,973,161	50.6
35-40	.00477	97,965	468	488,736	4,482,453	45.8
40-45	.00711	97,497	693	485,884	3,993,717	41.0
45-50	.01188	96,804	1,150	481,364	3,507,833	36.2
50-55	.01944	95,654	1,860	473,925	3,026,469	31.6
55-60	.03102	93,794	2,910	462,145	2,552,544	27.2
60-65	.04928	90,884	4,479	443,906	2,090,399	23.0
65-70	.07389	86,405	6,384	416,947	1,646,493	19.1
70-75	.11394	80,021	9,117	378,545	1,229,546	15.4
75-80	.17510	70,904	12,416	325,050	851,001	12.0
80-85	.27580	58,488	16,131	253,311	525,951	9.0
85 and over	1.00000	42,357	42,357	272,640	272,640	6.4

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1990—Con.
(Page 3 of 4)

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years, race, and sex	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	$\mathring{e}_x$
ALL OTHER						
0-1	0.01558	100,000	1,558	98,673	7,120,576	71.2
1-5	.00266	98,442	262	393,153	7,021,903	71.3
5-10	.00149	98,180	146	490,496	6,628,750	67.5
10-15	.00163	98,034	160	489,835	6,138,254	62.6
15-20	.00568	97,874	556	488,135	5,648,419	57.7
20-25	.00829	97,318	807	484,687	5,160,284	53.0
25-30	.01022	96,511	987	480,159	4,675,597	48.4
30-35	.01339	95,524	1,280	474,530	4,195,438	43.9
35-40	.01742	94,244	1,641	467,340	3,720,908	39.5
40-45	.02187	92,603	2,026	458,256	3,253,568	35.1
45-50	.03104	90,577	2,812	446,282	2,795,312	30.9
50-55	.04491	87,765	3,941	429,468	2,349,030	26.8
55-60	.06675	83,824	5,596	405,703	1,919,562	22.9
60-65	.09568	78,228	7,485	373,049	1,513,859	19.4
65-70	.13279	70,743	9,394	330,807	1,140,810	16.1
70-75	.18037	61,349	11,066	279,605	810,003	13.2
75-80	.24222	50,283	12,179	221,113	530,398	10.5
80-85	.33837	38,104	12,893	158,053	309,285	8.1
85 and over	1.00000	25,211	25,211	151,232	151,232	6.0
ALL OTHER, MALE						
0-1	.01702	100,000	1,702	98,541	6,700,023	67.0
1-5	.00302	98,298	297	392,505	6,601,482	67.2
5-10	.00172	98,001	169	489,539	6,208,977	63.4
10-15	.00200	97,832	196	488,768	5,719,438	58.5
15-20	.00877	97,636	857	486,304	5,230,670	53.6
20-25	.01300	96,779	1,258	480,941	4,744,366	49.0
25-30	.01537	95,521	1,468	474,027	4,263,425	44.6
30-35	.01951	94,053	1,835	465,800	3,789,398	40.3
35-40	.02518	92,218	2,322	455,550	3,323,598	36.0
40-45	.03082	89,896	2,771	442,938	2,868,048	31.9
45-50	.04207	87,125	3,666	426,999	2,425,110	27.8
50-55	.05908	83,459	4,931	405,542	1,998,111	23.9
55-60	.08789	78,528	6,902	375,968	1,592,569	20.3
60-65	.12477	71,626	8,937	336,380	1,216,601	17.0
65-70	.17063	62,689	10,696	287,073	880,221	14.0
70-75	.23301	51,993	12,115	229,830	593,148	11.4
75-80	.30690	39,878	12,238	168,510	363,318	9.1
80-85	.41033	27,640	11,342	109,157	194,808	7.0
85 and over	1.00000	16,298	16,298	85,651	85,651	5.3
ALL OTHER, FEMALE						
0-1	.01408	100,000	1,408	98,812	7,524,270	75.2
1-5	.00231	98,592	228	393,824	7,425,458	75.3
5-10	.00124	98,364	122	491,483	7,031,634	71.5
10-15	.00126	98,242	123	490,933	6,540,151	66.6
15-20	.00251	98,119	246	490,031	6,049,218	61.7
20-25	.00365	97,873	357	488,522	5,559,187	56.8
25-30	.00543	97,516	530	486,311	5,070,665	52.0
30-35	.00790	96,986	766	483,114	4,584,354	47.3
35-40	.01058	96,220	1,018	478,731	4,101,240	42.6
40-45	.01406	95,202	1,339	472,890	3,622,509	38.1
45-50	.02145	93,863	2,013	464,606	3,149,619	33.6
50-55	.03272	91,850	3,005	452,140	2,685,013	29.2
55-60	.04943	88,845	4,392	433,783	2,232,873	25.1
60-65	.07294	84,453	6,160	407,512	1,799,090	21.3
65-70	.10373	78,293	8,122	371,899	1,391,578	17.8
70-75	.14260	70,171	10,006	326,682	1,019,679	14.5
75-80	.19941	60,165	11,997	271,392	692,997	11.5
80-85	.29457	48,168	14,189	205,612	421,605	8.8
85 and over	1.00000	33,979	33,979	215,993	215,993	6.4

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1990—Con.
(Page 4 of 4)

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years, race, and sex	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	$\mathring{e}_x$
BLACK						
0-1	0.01801	100,000	1,801	98,457	6,913,337	69.1
1-5	.00295	98,199	289	392,118	6,814,880	69.4
5-10	.00162	97,910	158	489,112	6,422,762	65.6
10-15	.00183	97,752	179	488,380	5,933,650	60.7
15-20	.00637	97,573	621	486,490	5,445,270	55.8
20-25	.00964	96,952	935	482,571	4,958,780	51.1
25-30	.01229	96,017	1,180	477,241	4,476,209	46.6
30-35	.01646	94,837	1,561	470,429	3,998,968	42.2
35-40	.02148	93,276	2,003	461,832	3,528,539	37.8
40-45	.02727	91,273	2,489	450,510	3,066,707	33.6
45-50	.03796	88,784	3,370	435,986	2,616,197	29.5
50-55	.05358	85,414	4,576	416,173	2,180,211	25.5
55-60	.07806	80,838	6,310	389,014	1,764,038	21.8
60-65	.11028	74,528	8,219	352,693	1,375,024	18.4
65-70	.14937	66,309	9,904	307,316	1,022,331	15.4
70-75	.19886	56,405	11,217	254,418	715,015	12.7
75-80	.25945	45,188	11,724	196,659	460,597	10.2
80-85	.35549	33,464	11,896	137,233	263,938	7.9
85 and over	1.00000	21,568	21,568	126,705	126,705	5.9
BLACK, MALE						
0-1	.01968	100,000	1,968	98,306	6,452,420	64.5
1-5	.00329	98,032	323	391,380	6,354,114	64.8
5-10	.00187	97,709	183	488,038	5,962,734	61.0
10-15	.00224	97,526	218	487,185	5,474,696	56.1
15-20	.00997	97,308	970	484,422	4,987,511	51.3
20-25	.01536	96,338	1,480	478,239	4,503,089	46.7
25-30	.01863	94,858	1,767	470,013	4,024,850	42.4
30-35	.02432	93,091	2,264	459,968	3,554,837	38.2
35-40	.03130	90,827	2,842	447,343	3,094,869	34.1
40-45	.03867	87,985	3,403	431,869	2,647,526	30.1
45-50	.05244	84,582	4,435	412,424	2,215,657	26.2
50-55	.07179	80,147	5,753	386,970	1,803,233	22.5
55-60	.10391	74,394	7,730	353,232	1,416,263	19.0
60-65	.14396	66,664	9,597	309,855	1,063,031	15.9
65-70	.19271	57,067	10,997	258,125	753,176	13.2
70-75	.25896	46,070	11,930	200,538	495,051	10.7
75-80	.33249	34,140	11,351	141,874	294,513	8.6
80-85	.43877	22,789	9,999	88,170	152,639	6.7
85 and over	1.00000	12,790	12,790	64,469	64,469	5.0
BLACK, FEMALE						
0-1	.01629	100,000	1,630	98,611	7,360,427	73.6
1-5	.00259	98,370	255	392,868	7,261,816	73.8
5-10	.00136	98,115	134	490,200	6,868,948	70.0
10-15	.00139	97,981	136	489,596	6,378,748	65.1
15-20	.00271	97,845	265	488,621	5,889,152	60.2
20-25	.00415	97,580	405	486,951	5,400,531	55.3
25-30	.00649	97,175	631	484,375	4,913,580	50.6
30-35	.00951	96,544	918	480,548	4,429,205	45.9
35-40	.01292	95,626	1,235	475,250	3,948,657	41.3
40-45	.01737	94,391	1,640	468,133	3,473,407	36.8
45-50	.02566	92,751	2,380	458,181	3,005,274	32.4
50-55	.03841	90,371	3,471	443,628	2,547,093	28.2
55-60	.05704	86,900	4,957	422,686	2,103,465	24.2
60-65	.08401	81,943	6,884	393,162	1,680,779	20.5
65-70	.11666	75,059	8,756	354,144	1,287,617	17.2
70-75	.15695	66,303	10,406	306,299	933,473	14.1
75-80	.21329	55,897	11,922	250,158	627,174	11.2
80-85	.30840	43,975	13,562	186,081	377,016	8.6
85 and over	1.00000	30,413	30,413	190,935	190,935	6.3

Table 6-2. Number of Survivors at Single Years of Age, Out of 100,000 Born Alive, by Race and Sex: United States, 1990

Age	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,073	98,969	99,183	99,240	99,145	99,341	98,442	98,298	98,592	98,199	98,032	98,370
2	99,008	98,894	99,128	99,182	99,079	99,292	98,350	98,190	98,516	98,097	97,914	98,285
3	98,959	98,840	99,085	99,139	99,031	99,254	98,280	98,111	98,454	98,019	97,828	98,216
4	98,921	98,799	99,051	99,106	98,995	99,224	98,225	98,050	98,404	97,959	97,762	98,160
5	98,890	98,765	99,023	99,078	98,965	99,199	98,180	98,001	98,364	97,910	97,709	98,115
6	98,863	98,735	99,000	99,054	98,938	99,178	98,142	97,958	98,331	97,869	97,663	98,079
7	98,839	98,707	98,980	99,032	98,912	99,160	98,109	97,919	98,304	97,833	97,621	98,049
8	98,817	98,680	98,962	99,011	98,888	99,143	98,080	97,884	98,281	97,802	97,583	98,024
9	98,797	98,657	98,946	98,993	98,866	99,128	98,055	97,855	98,261	97,775	97,551	98,002
10	98,780	98,638	98,931	98,977	98,848	99,114	98,034	97,832	98,242	97,752	97,526	97,981
11	98,765	98,623	98,917	98,963	98,833	99,101	98,015	97,814	98,223	97,731	97,506	97,959
12	98,750	98,608	98,902	98,949	98,819	99,087	97,996	97,796	98,202	97,709	97,486	97,936
13	98,730	98,586	98,884	98,930	98,798	99,071	97,970	97,768	98,178	97,680	97,455	97,910
14	98,699	98,547	98,862	98,901	98,762	99,050	97,931	97,718	98,151	97,637	97,399	97,880
15	98,653	98,485	98,833	98,858	98,705	99,022	97,874	97,636	98,119	97,573	97,308	97,845
16	98,590	98,397	98,797	98,799	98,624	98,986	97,796	97,519	98,081	97,486	97,178	97,804
17	98,512	98,285	98,753	98,725	98,521	98,943	97,698	97,369	98,036	97,377	97,010	97,756
18	98,421	98,154	98,704	98,640	98,402	98,895	97,583	97,191	97,986	97,249	96,809	97,702
19	98,323	98,011	98,654	98,550	98,273	98,846	97,455	96,992	97,931	97,106	96,583	97,643
20	98,223	97,863	98,604	98,458	98,140	98,798	97,318	96,779	97,873	96,952	96,338	97,580
21	98,120	97,710	98,555	98,365	98,004	98,752	97,173	96,552	97,812	96,787	96,074	97,512
22	98,015	97,551	98,506	98,271	97,864	98,707	97,019	96,310	97,746	96,609	95,791	97,439
23	97,907	97,388	98,456	98,175	97,720	98,662	96,856	96,055	97,675	96,421	95,491	97,359
24	97,797	97,221	98,405	98,078	97,574	98,616	96,687	95,791	97,599	96,223	95,179	97,271
25	97,684	97,052	98,351	97,979	97,426	98,569	96,511	95,521	97,516	96,017	94,858	97,175
26	97,569	96,881	98,294	97,878	97,276	98,520	96,329	95,245	97,426	95,803	94,530	97,069
27	97,452	96,707	98,235	97,776	97,125	98,469	96,141	94,963	97,329	95,580	94,193	96,954
28	97,332	96,530	98,173	97,672	96,971	98,416	95,946	94,673	97,224	95,346	93,844	96,828
29	97,207	96,348	98,107	97,564	96,813	98,361	95,741	94,370	97,110	95,099	93,478	96,692
30	97,077	96,159	98,038	97,452	96,649	98,303	95,524	94,053	96,986	94,837	93,091	96,544
31	96,941	95,962	97,965	97,336	96,479	98,243	95,294	93,720	96,853	94,558	92,682	96,385
32	96,800	95,758	97,887	97,215	96,302	98,179	95,052	93,372	96,709	94,263	92,252	96,213
33	96,652	95,545	97,804	97,089	96,118	98,112	94,796	93,006	96,555	93,951	91,800	96,029
34	96,497	95,322	97,717	96,956	95,926	98,041	94,527	92,622	96,392	93,622	91,325	95,833
35	96,334	95,089	97,624	96,817	95,725	97,965	94,244	92,218	96,220	93,276	90,827	95,626
36	96,161	94,843	97,525	96,670	95,514	97,884	93,945	91,792	96,037	92,911	90,304	95,406
37	95,978	94,585	97,419	96,515	95,292	97,797	93,630	91,343	95,843	92,527	89,756	95,172
38	95,787	94,316	97,306	96,351	95,060	97,704	93,300	90,875	95,639	92,125	89,184	94,925
39	95,588	94,038	97,187	96,180	94,821	97,604	92,957	90,392	95,425	91,707	88,593	94,665
40	95,382	93,753	97,061	96,002	94,574	97,497	92,603	89,896	95,202	91,273	87,985	94,391
41	95,168	93,460	96,926	95,816	94,319	97,382	92,237	89,387	94,968	90,823	87,359	94,103
42	94,944	93,157	96,782	95,620	94,054	97,258	91,857	88,861	94,721	90,354	86,712	93,799
43	94,707	92,840	96,626	95,412	93,775	97,122	91,457	88,313	94,458	89,861	86,039	93,475
44	94,453	92,505	96,455	95,188	93,479	96,971	91,032	87,736	94,173	89,339	85,331	93,127
45	94,179	92,147	96,266	94,945	93,162	96,804	90,577	87,125	93,863	88,784	84,582	92,751
46	93,882	91,764	96,057	94,681	92,821	96,618	90,089	86,475	93,525	88,191	83,788	92,345
47	93,560	91,352	95,827	94,393	92,454	96,412	89,565	85,785	93,157	87,559	82,947	91,907
48	93,211	90,908	95,573	94,079	92,056	96,184	89,004	85,053	92,756	86,886	82,059	91,434
49	92,832	90,429	95,294	93,737	91,625	95,932	88,405	84,278	92,321	86,172	81,126	90,923
50	92,420	89,912	94,987	93,363	91,156	95,654	87,765	83,459	91,850	85,414	80,147	90,371
51	91,971	89,352	94,650	92,954	90,646	95,348	87,083	82,594	91,340	84,611	79,121	89,776
52	91,483	88,745	94,281	92,506	90,089	95,012	86,354	81,679	90,788	83,758	78,043	89,135
53	90,950	88,084	93,877	92,016	89,480	94,642	85,572	80,703	90,191	82,850	76,903	88,444
54	90,369	87,363	93,436	91,479	88,812	94,237	84,731	79,656	89,544	81,879	75,690	87,700
55	89,735	86,576	92,955	90,891	88,079	93,794	83,824	78,528	88,845	80,838	74,394	86,900
56	89,045	85,719	92,432	90,248	87,277	93,311	82,849	77,316	88,090	79,725	73,013	86,042
57	88,296	84,788	91,864	89,547	86,402	92,784	81,803	76,019	87,277	78,540	71,547	85,124
58	87,482	83,777	91,246	88,781	85,446	92,208	80,685	74,638	86,403	77,280	69,998	84,139
59	86,596	82,678	90,571	87,942	84,400	91,576	79,494	73,173	85,463	75,943	68,369	83,080
60	85,634	81,485	89,835	87,025	83,257	90,884	78,228	71,626	84,453	74,528	66,664	81,943
61	84,590	80,194	89,033	86,024	82,012	90,125	76,886	69,997	83,372	73,035	64,883	80,725
62	83,462	78,803	88,162	84,937	80,662	89,297	75,467	68,285	82,217	71,464	63,028	79,426
63	82,252	77,314	87,223	83,765	79,210	88,401	73,971	66,494	80,987	69,817	61,103	78,047
64	80,961	75,729	86,216	82,511	77,658	87,437	72,396	64,628	79,679	68,098	59,114	76,591
65	79,590	74,051	85,141	81,176	76,009	86,405	70,743	62,689	78,293	66,309	57,067	75,059
66	78,139	72,280	83,995	79,759	74,264	85,302	69,013	60,683	76,826	64,454	54,967	73,452
67	76,603	70,414	82,772	78,255	72,419	84,122	67,207	58,612	75,277	62,534	52,819	71,770
68	74,975	68,445	81,465	76,655	70,465	82,856	65,327	56,474	73,650	60,552	50,621	70,016
69	73,244	66,364	80,064	74,948	68,391	81,492	63,374	54,268	71,947	58,508	48,371	68,193
70	71,404	64,164	78,562	73,125	66,190	80,021	61,349	51,993	70,171	56,405	46,070	66,303
71	69,453	61,847	76,953	71,183	63,863	78,438	59,255	49,653	68,321	54,245	43,720	64,348
72	67,392	59,419	75,234	69,124	61,417	76,739	57,095	47,256	66,397	52,033	41,333	62,328
73	65,221	56,885	73,400	66,948	58,854	74,920	54,875	44,816	64,397	49,779	38,926	60,245
74	62,942	54,249	71,449	64,656	56,179	72,976	52,602	42,352	62,320	47,494	36,522	58,101
75	60,557	51,519	69,376	62,249	53,398	70,904	50,283	39,878	60,165	45,188	34,140	55,897
76	58,069	48,704	67,178	59,731	50,521	68,700	47,922	37,406	57,930	42,868	31,791	53,634
77	55,482	45,816	64,851	57,105	47,560	66,360	45,522	34,941	55,614	40,535	29,480	51,312
78	52,799	42,867	62,391	54,375	44,528	63,881	43,084	32,489	53,216	38,190	27,208	48,929
79	50,026	39,872	59,796	51,547	41,441	61,258	40,611	30,053	50,734	35,833	24,977	46,484
80	47,168	36,848	57,062	48,627	38,317	58,488	38,104	27,640	48,168	33,464	22,789	43,975
81	44,232	33,811	54,186	45,622	35,175	55,568	35,567	25,258	45,515	31,086	20,649	41,400
82	41,227	30,782	51,167	42,541	32,035	52,497	33,004	22,918	42,772	28,701	18,565	38,758
83	38,161	27,782	48,002	39,394	28,920	49,272	30,419	20,633	39,937	26,315	16,550	36,047
84	35,046	24,834	44,690	36,192	25,854	45,892	27,819	18,420	37,007	23,935	14,619	33,266
85	31,892	21,962	41,230	32,947	22,862	42,357	25,211	16,298	33,979	21,568	12,790	30,413

Table 6-3. Expectation of Life at Single Years of Age, by Race and Sex: United States, 1990

Age	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	75.4	71.8	78.8	76.1	72.7	79.4	71.2	67.0	75.2	69.1	64.5	73.6
1	75.1	71.6	78.4	75.7	72.3	78.9	71.3	67.2	75.3	69.4	64.8	73.8
2	74.1	70.6	77.5	74.7	71.4	78.0	70.4	66.2	74.4	68.5	63.9	72.9
3	73.1	69.7	76.5	73.8	70.4	77.0	69.4	65.3	73.4	67.5	62.9	71.9
4	72.2	68.7	75.5	72.8	69.4	76.0	68.5	64.3	72.5	66.6	62.0	71.0
5	71.2	67.7	74.5	71.8	68.5	75.0	67.5	63.4	71.5	65.6	61.0	70.0
6	70.2	66.8	73.6	70.8	67.5	74.1	66.5	62.4	70.5	64.6	60.1	69.0
7	69.2	65.8	72.6	69.8	66.5	73.1	65.6	61.4	69.5	63.6	59.1	68.1
8	68.2	64.8	71.6	68.9	65.5	72.1	64.6	60.4	68.5	62.7	58.1	67.1
9	67.3	63.8	70.6	67.9	64.5	71.1	63.6	59.4	67.6	61.7	57.1	66.1
10	66.3	62.8	69.6	66.9	63.5	70.1	62.6	58.5	66.6	60.7	56.1	65.1
11	65.3	61.8	68.6	65.9	62.6	69.1	61.6	57.5	65.6	59.7	55.1	64.1
12	64.3	60.8	67.6	64.9	61.6	68.1	60.6	56.5	64.6	58.7	54.2	63.1
13	63.3	59.8	66.6	63.9	60.6	67.1	59.7	55.5	63.6	57.7	53.2	62.1
14	62.3	58.9	65.7	62.9	59.6	66.2	58.7	54.5	62.6	56.8	52.2	61.2
15	61.3	57.9	64.7	62.0	58.6	65.2	57.7	53.6	61.7	55.8	51.3	60.2
16	60.4	57.0	63.7	61.0	57.7	64.2	56.8	52.6	60.7	54.9	50.3	59.2
17	59.4	56.0	62.7	60.0	56.7	63.2	55.8	51.7	59.7	53.9	49.4	58.2
18	58.5	55.1	61.8	59.1	55.8	62.3	54.9	50.8	58.7	53.0	48.5	57.3
19	57.5	54.2	60.8	58.1	54.9	61.3	54.0	49.9	57.8	52.1	47.6	56.3
20	56.6	53.3	59.8	57.2	54.0	60.3	53.0	49.0	56.8	51.1	46.7	55.3
21	55.7	52.3	58.8	56.3	53.0	59.3	52.1	48.1	55.8	50.2	45.9	54.4
22	54.7	51.4	57.9	55.3	52.1	58.4	51.2	47.3	54.9	49.3	45.0	53.4
23	53.8	50.5	56.9	54.4	51.2	57.4	50.3	46.4	53.9	48.4	44.1	52.5
24	52.8	49.6	55.9	53.4	50.3	56.4	49.4	45.5	53.0	47.5	43.3	51.5
25	51.9	48.7	55.0	52.5	49.3	55.4	48.4	44.6	52.0	46.6	42.4	50.6
26	51.0	47.8	54.0	51.5	48.4	54.5	47.5	43.8	51.0	45.7	41.6	49.6
27	50.0	46.9	53.0	50.6	47.5	53.5	46.6	42.9	50.1	44.8	40.7	48.7
28	49.1	45.9	52.1	49.6	46.6	52.5	45.7	42.0	49.2	43.9	39.9	47.7
29	48.1	45.0	51.1	48.7	45.6	51.6	44.8	41.2	48.2	43.0	39.0	46.8
30	47.2	44.1	50.1	47.7	44.7	50.6	43.9	40.3	47.3	42.2	38.2	45.9
31	46.3	43.2	49.2	46.8	43.8	49.6	43.0	39.4	46.3	41.3	37.4	45.0
32	45.3	42.3	48.2	45.9	42.9	48.7	42.1	38.6	45.4	40.4	36.5	44.0
33	44.4	41.4	47.2	44.9	41.9	47.7	41.2	37.7	44.5	39.6	35.7	43.1
34	43.5	40.5	46.3	44.0	41.0	46.7	40.4	36.9	43.5	38.7	34.9	42.2
35	42.6	39.6	45.3	43.0	40.1	45.8	39.5	36.0	42.6	37.8	34.1	41.3
36	41.6	38.7	44.4	42.1	39.2	44.8	38.6	35.2	41.7	37.0	33.3	40.4
37	40.7	37.8	43.4	41.2	38.3	43.8	37.7	34.4	40.8	36.1	32.5	39.5
38	39.8	36.9	42.5	40.2	37.4	42.9	36.9	33.5	39.9	35.3	31.7	38.6
39	38.9	36.0	41.5	39.3	36.5	41.9	36.0	32.7	39.0	34.4	30.9	37.7
40	38.0	35.1	40.6	38.4	35.6	41.0	35.1	31.9	38.1	33.6	30.1	36.8
41	37.0	34.2	39.6	37.5	34.7	40.0	34.3	31.1	37.1	32.8	29.3	35.9
42	36.1	33.3	38.7	36.5	33.8	39.1	33.4	30.3	36.2	31.9	28.5	35.0
43	35.2	32.4	37.8	35.6	32.9	38.1	32.6	29.4	35.3	31.1	27.7	34.1
44	34.3	31.5	36.8	34.7	32.0	37.2	31.7	28.6	34.4	30.3	27.0	33.3
45	33.4	30.7	35.9	33.8	31.1	36.2	30.9	27.8	33.6	29.5	26.2	32.4
46	32.5	29.8	35.0	32.9	30.2	35.3	30.0	27.0	32.7	28.7	25.4	31.5
47	31.6	28.9	34.1	32.0	29.3	34.4	29.2	26.3	31.8	27.9	24.7	30.7
48	30.7	28.1	33.1	31.1	28.4	33.5	28.4	25.5	30.9	27.1	24.0	29.8
49	29.9	27.2	32.2	30.2	27.6	32.5	27.6	24.7	30.1	26.3	23.2	29.0
50	29.0	26.4	31.3	29.3	26.7	31.6	26.8	23.9	29.2	25.5	22.5	28.2
51	28.1	25.5	30.5	28.4	25.8	30.7	26.0	23.2	28.4	24.8	21.8	27.4
52	27.3	24.7	29.6	27.6	25.0	29.8	25.2	22.4	27.6	24.0	21.1	26.6
53	26.4	23.9	28.7	26.7	24.2	29.0	24.4	21.7	26.7	23.3	20.4	25.8
54	25.6	23.1	27.8	25.9	23.3	28.1	23.6	21.0	25.9	22.5	19.7	25.0
55	24.8	22.3	27.0	25.0	22.5	27.2	22.9	20.3	25.1	21.8	19.0	24.2
56	24.0	21.5	26.1	24.2	21.7	26.4	22.2	19.6	24.3	21.1	18.4	23.4
57	23.2	20.7	25.3	23.4	21.0	25.5	21.4	18.9	23.6	20.4	17.8	22.7
58	22.4	20.0	24.4	22.6	20.2	24.7	20.7	18.3	22.8	19.8	17.1	22.0
59	21.6	19.2	23.6	21.8	19.4	23.8	20.0	17.6	22.0	19.1	16.5	21.2
60	20.8	18.5	22.8	21.0	18.7	23.0	19.4	17.0	21.3	18.4	15.9	20.5
61	20.1	17.8	22.0	20.3	18.0	22.2	18.7	16.4	20.6	17.8	15.4	19.8
62	19.4	17.1	21.2	19.5	17.3	21.4	18.0	15.8	19.9	17.2	14.8	19.1
63	18.6	16.4	20.4	18.8	16.6	20.6	17.4	15.2	19.1	16.6	14.3	18.5
64	17.9	15.8	19.7	18.1	15.9	19.8	16.7	14.6	18.5	16.0	13.7	17.8
65	17.2	15.1	18.9	17.3	15.2	19.1	16.1	14.0	17.8	15.4	13.2	17.2
66	16.5	14.5	18.2	16.6	14.6	18.3	15.5	13.5	17.1	14.8	12.7	16.5
67	15.9	13.8	17.4	16.0	13.9	17.5	14.9	12.9	16.4	14.3	12.2	15.9
68	15.2	13.2	16.7	15.3	13.3	16.8	14.3	12.4	15.8	13.7	11.7	15.3
69	14.5	12.6	16.0	14.6	12.7	16.1	13.8	11.9	15.2	13.2	11.2	14.7
70	13.9	12.0	15.3	14.0	12.1	15.4	13.2	11.4	14.5	12.7	10.7	14.1
71	13.3	11.5	14.6	13.3	11.5	14.7	12.7	10.9	13.9	12.2	10.3	13.5
72	12.7	10.9	13.9	12.7	11.0	14.0	12.1	10.5	13.3	11.7	9.9	12.9
73	12.1	10.4	13.3	12.1	10.4	13.3	11.6	10.0	12.7	11.2	9.4	12.3
74	11.5	9.9	12.6	11.5	9.9	12.6	11.1	9.5	12.1	10.7	9.0	11.8
75	10.9	9.4	12.0	11.0	9.4	12.0	10.5	9.1	11.5	10.2	8.6	11.2
76	10.4	8.9	11.3	10.4	8.9	11.4	10.0	8.7	10.9	9.7	8.2	10.7
77	9.8	8.4	10.7	9.9	8.4	10.8	9.5	8.3	10.4	9.2	7.8	10.1
78	9.3	7.9	10.1	9.3	7.9	10.2	9.1	7.8	9.8	8.8	7.4	9.6
79	8.8	7.5	9.5	8.8	7.5	9.6	8.6	7.4	9.3	8.3	7.1	9.1
80	8.3	7.1	9.0	8.3	7.1	9.0	8.1	7.0	8.8	7.9	6.7	8.6
81	7.8	6.7	8.4	7.8	6.7	8.4	7.7	6.7	8.2	7.5	6.3	8.1
82	7.4	6.3	7.9	7.4	6.3	7.9	7.2	6.3	7.7	7.0	6.0	7.6
83	6.9	5.9	7.4	6.9	5.9	7.4	6.8	5.9	7.3	6.6	5.7	7.1
84	6.5	5.6	6.9	6.5	5.5	6.9	6.4	5.6	6.8	6.2	5.3	6.7
85	6.1	5.2	6.4	6.1	5.2	6.4	6.0	5.3	6.4	5.9	5.0	6.3

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1990

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[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

Age, race, and sex	Number of survivors out of 100,000 born alive (l_x)									
	1990	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
ALL RACES										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,073	98,740	97,998	97,407	97,024	95,290	94,028	92,515	88,538	87,552
5	98,890	98,495	97,668	96,998	96,482	94,220	91,978	83,389	83,887	81,804
10	98,780	98,347	97,460	96,765	96,177	93,710	91,106	88,129	82,458	80,052
15	98,653	98,196	97,261	96,551	95,885	93,235	90,385	87,144	81,506	78,963
20	98,223	97,741	96,716	96,111	95,366	92,435	89,089	85,441	80,074	77,239
25	97,684	97,110	96,000	95,517	94,676	91,335	87,269	83,146	78,046	74,768
30	97,077	96,477	95,307	94,905	93,919	90,078	85,302	80,642	75,779	72,043
35	96,334	95,808	94,482	94,144	92,976	88,573	83,118	77,961	73,127	69,078
40	95,382	94,926	93,322	93,064	91,648	86,650	80,557	75,114	70,042	65,890
45	94,179	93,599	91,587	91,378	89,634	84,069	77,343	72,036	66,561	62,436
50	92,420	91,526	88,972	88,756	86,591	80,487	73,321	68,429	62,460	58,514
55	89,735	88,348	85,110	84,711	82,176	75,557	68,182	63,947	57,555	53,852
60	85,634	83,726	79,529	79,067	75,921	68,924	61,563	58,079	51,138	47,946
65	79,590	77,107	71,933	71,147	67,555	60,366	53,195	50,560	43,194	40,911
70	71,404	68,248	61,984	60,857	56,987	49,655	42,768	41,090	33,816	32,390
75	60,557	56,799	49,705	48,170	43,903	36,735	30,789	29,729	23,552	22,960
80	47,168	43,180	35,285	33,576	29,313	22,883	18,580	18,298	13,712	13,529
85	31,892	27,960	20,908	18,542	15,785	11,073	8,542	8,683	6,001	6,053
MALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,969	98,607	97,755	97,087	96,661	94,762	93,440	91,745	87,505	86,426
5	98,765	98,333	97,395	96,643	96,077	93,624	91,294	88,505	82,718	80,548
10	98,638	98,160	97,151	96,375	95,726	93,054	90,346	87,184	81,249	78,775
15	98,485	97,972	96,904	96,107	95,366	92,508	89,561	86,156	80,261	77,681
20	97,863	97,316	96,126	95,491	94,695	91,617	88,220	84,440	78,792	75,984
25	97,052	96,361	95,040	94,631	93,791	90,385	86,359	82,252	76,675	73,472
30	96,159	95,430	94,072	93,826	92,861	89,009	84,346	79,890	74,378	70,747
35	95,089	94,501	92,997	92,889	91,760	87,371	82,075	77,514	71,614	67,752
40	93,753	93,345	91,541	91,572	90,207	85,246	79,357	74,432	68,297	64,447
45	92,147	91,649	89,369	89,492	87,819	82,336	75,882	71,244	64,518	60,849
50	89,912	89,007	86,070	86,199	84,158	78,254	71,518	67,553	60,118	56,736
55	86,576	84,936	81,139	81,039	78,781	72,627	65,981	62,965	54,970	51,939
60	81,485	79,012	73,958	73,887	71,246	65,142	58,909	56,917	48,343	45,895
65	74,051	70,646	64,318	64,177	61,566	55,776	50,154	49,218	40,264	38,736
70	64,164	59,681	52,296	52,244	49,950	44,588	39,516	39,668	31,023	30,217
75	51,519	46,272	38,797	38,950	36,756	31,864	27,718	28,316	21,213	21,076
80	36,848	31,810	24,921	25,300	25,237	18,995	16,172	17,128	11,942	12,084
85	21,962	18,020	13,168	12,845	11,750	8,693	7,107	7,920	5,059	5,179
FEMALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,183	98,880	98,254	97,744	97,406	95,848	94,728	93,383	89,623	88,733
5	99,023	98,666	97,955	97,371	96,908	94,848	92,789	90,380	85,117	83,119
10	98,931	98,544	97,784	97,173	96,652	94,402	92,008	89,186	83,728	81,390
15	98,833	98,432	97,636	97,016	96,431	94,000	91,364	88,247	82,813	80,307
20	98,604	98,184	97,331	96,756	96,066	93,293	90,116	86,556	81,418	78,555
25	98,351	97,883	96,966	96,418	95,583	92,322	88,328	84,135	79,481	76,119
30	98,038	97,551	96,544	95,996	94,933	91,182	86,398	81,463	77,247	73,394
35	97,624	97,140	95,966	95,409	94,206	89,810	84,304	78,713	74,719	70,463
40	97,061	96,531	95,097	94,560	93,101	88,092	81,927	75,907	71,894	67,407
45	96,266	95,570	93,793	93,265	91,469	85,856	79,041	72,954	68,755	64,121
50	94,987	94,060	91,852	91,327	89,075	82,828	75,456	69,452	65,001	60,415
55	92,955	91,760	89,066	88,451	85,694	78,708	70,832	65,099	60,392	55,908
60	89,835	88,414	85,139	84,430	80,890	73,093	64,795	59,438	54,226	50,155
65	85,141	83,520	79,698	78,462	74,119	65,523	56,924	52,126	46,438	43,246
70	78,562	76,720	71,955	70,100	64,873	55,449	46,774	42,741	36,916	34,721
75	69,376	67,186	61,107	58,394	52,111	42,425	34,600	31,344	26,155	24,994
80	57,062	54,372	46,445	43,063	36,486	27,524	21,578	19,613	15,682	15,129
85	41,230	37,772	29,538	25,269	20,668	13,972	10,322	9,515	7,051	7,063
WHITE										
0	100,000	100,000	100,000	100,000	100,000	100,000	---	---	---	---
1	99,240	98,898	98,224	97,714	97,278	95,685	---	---	---	---
5	99,078	98,675	97,930	97,353	96,790	94,713	---	---	---	---
10	98,977	98,536	97,733	97,131	96,502	94,228	---	---	---	---
15	98,858	98,391	97,546	96,928	96,228	93,792	---	---	---	---
20	98,458	97,939	97,036	96,508	95,763	93,117	---	---	---	---
25	97,979	97,340	96,406	95,965	95,169	92,213	---	---	---	---
30	97,452	96,774	95,824	95,440	94,536	91,185	---	---	---	---
35	96,817	96,192	95,152	94,798	93,750	89,941	---	---	---	---
40	96,002	95,427	94,190	93,870	92,616	88,318	---	---	---	---
45	94,945	94,257	92,681	92,374	90,847	86,069	---	---	---	---
50	93,363	92,384	90,306	89,958	88,110	82,833	---	---	---	---
55	90,891	89,427	86,688	86,173	84,027	78,218	---	---	---	---
60	87,025	85,031	81,323	80,811	78,066	71,785	---	---	---	---
65	81,176	78,585	73,889	73,102	69,850	63,201	---	---	---	---
70	73,125	69,801	63,991	62,834	59,189	52,165	---	---	---	---
75	62,249	58,299	51,586	49,895	45,688	38,610	---	---	---	---
80	48,627	44,409	36,659	34,697	30,438	23,976	---	---	---	---
85	32,947	28,768	21,578	19,017	16,239	11,483	---	---	---	---

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1990—Con.

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[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

Age, race, and sex	Average number of years of life remaining ($\mathring{e}_x$)									
	1990	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
ALL RACES										
0	75.4	73.88	70.75	69.89	68.07	63.62	59.20	56.40	51.49	49.24
1	75.1	73.82	71.19	70.75	69.16	65.76	61.94	59.94	57.11	55.20
5	71.2	70.00	67.43	67.04	65.54	62.49	59.29	57.99	56.21	54.98
10	66.3	65.10	62.57	62.19	60.74	57.82	54.84	53.79	52.15	51.14
15	61.3	60.19	57.69	57.33	55.91	53.10	50.25	49.37	47.73	46.81
20	56.6	55.46	53.00	52.58	51.20	48.54	45.94	45.30	43.53	42.79
25	51.9	50.81	48.37	47.89	46.56	44.09	41.85	41.47	39.60	39.12
30	47.2	46.12	43.71	43.18	41.91	39.67	37.75	37.68	35.70	35.51
35	42.6	41.43	39.07	38.51	37.31	35.30	33.68	33.89	31.90	31.92
40	38.0	36.79	34.52	33.92	32.81	31.03	29.67	30.08	28.20	28.34
45	33.4	32.27	30.12	29.50	28.49	26.90	25.79	26.25	24.54	24.77
50	29.0	27.94	25.93	25.29	24.40	22.98	22.06	22.50	20.98	21.26
55	24.8	23.85	21.99	21.37	20.57	19.31	18.53	18.90	17.55	17.88
60	20.8	20.02	18.34	17.71	17.04	15.91	15.24	15.54	14.42	14.76
65	17.2	16.51	15.00	14.39	13.83	12.80	12.23	12.47	11.60	11.86
70	13.9	13.32	12.00	11.38	10.92	10.00	9.58	9.74	9.11	9.30
75	10.9	10.48	9.32	8.71	8.40	7.62	7.32	7.49	6.99	7.08
80	8.3	7.98	7.10	6.39	6.34	5.73	5.50	5.63	5.25	5.30
85	6.1	5.96	5.28	4.58	4.69	4.31	4.19	4.21	4.00	3.96
MALE										
0	71.8	70.11	67.04	66.80	65.47	61.60	57.71	55.50	49.86	47.88
1	71.6	70.10	67.58	67.80	66.73	64.00	60.75	59.47	55.95	54.35
5	67.7	66.29	63.82	64.10	63.12	60.76	58.14	57.60	55.11	54.22
10	62.8	61.41	58.98	59.27	58.35	56.12	53.75	53.44	51.07	50.39
15	57.9	56.52	54.12	54.43	53.56	51.43	49.18	49.05	46.66	46.06
20	53.3	51.88	49.54	49.77	48.92	46.91	44.88	44.99	42.48	42.03
25	48.7	47.37	45.07	45.19	44.36	42.51	40.79	41.11	38.59	38.38
30	44.1	42.81	40.51	40.56	39.78	38.13	36.71	37.26	34.70	34.76
35	39.6	38.20	35.95	35.94	35.23	33.79	32.65	33.43	30.94	31.19
40	35.1	33.64	31.48	31.42	30.79	29.57	28.68	29.63	27.32	27.65
45	30.7	29.22	27.18	27.09	26.55	25.52	24.87	25.84	23.77	24.14
50	26.4	25.00	23.12	23.02	22.59	21.72	21.25	22.11	20.32	20.70
55	22.3	21.08	19.36	19.32	18.96	18.20	17.79	18.53	16.98	17.38
60	18.5	17.46	15.99	15.94	15.68	14.99	14.62	15.22	13.95	14.33
65	15.1	14.21	12.99	12.95	12.74	12.07	11.72	12.20	11.24	11.50
70	12.0	11.35	10.39	10.33	10.11	9.46	9.18	9.52	8.83	9.02
75	9.4	8.90	8.13	7.99	7.83	7.22	7.02	7.31	6.75	6.84
80	7.1	6.80	6.27	5.95	5.94	5.44	5.27	5.49	5.10	5.11
85	5.2	5.13	4.73	4.39	4.41	4.11	4.02	4.10	3.90	3.82
FEMALE										
0	78.8	77.62	74.64	73.24	70.96	65.89	60.90	57.40	53.24	50.70
1	78.4	77.50	74.97	73.93	71.84	67.73	65.37	60.45	58.37	56.10
5	74.5	73.67	71.19	70.21	68.21	64.43	60.66	58.41	57.39	55.80
10	69.6	68.75	66.31	65.35	63.38	59.73	56.16	54.16	53.31	51.94
15	64.7	63.83	61.41	60.45	58.52	54.97	51.54	49.71	48.87	47.60
20	59.8	58.98	56.59	55.60	53.73	50.37	47.21	45.63	44.66	43.60
25	55.0	54.16	51.80	50.79	48.99	45.87	43.11	41.86	40.69	39.92
30	50.1	49.33	47.01	46.00	44.28	41.41	39.02	38.15	36.79	36.30
35	45.3	44.53	42.28	41.27	39.63	37.01	34.92	34.40	32.95	32.71
40	40.6	39.80	37.64	36.61	35.06	32.68	30.86	30.58	29.15	29.08
45	35.9	35.17	33.13	32.09	30.64	28.46	26.89	26.71	25.36	25.44
50	31.3	30.69	28.77	27.71	26.40	24.40	23.05	22.92	21.67	21.84
55	27.0	26.39	24.59	23.53	22.33	20.54	19.38	19.28	18.13	18.39
60	22.8	22.29	20.60	19.52	18.50	16.92	15.94	15.87	14.90	15.21
65	18.9	18.44	16.83	15.80	14.95	13.57	12.78	12.73	11.96	12.22
70	15.3	14.84	13.35	12.37	11.71	10.56	9.99	9.96	9.38	9.59
75	12.0	11.58	10.26	9.33	8.94	8.01	7.61	7.65	7.20	7.34
80	9.0	8.69	7.68	6.72	6.67	5.99	5.70	5.75	5.37	5.51
85	6.4	6.38	5.63	4.71	4.90	4.47	4.32	4.30	4.08	4.12
WHITE										
0	76.1	74.53	71.62	70.73	69.02	64.92	---	---	---	---
1	75.7	74.35	71.91	71.38	69.95	66.84	---	---	---	---
5	71.8	70.52	68.12	67.64	66.29	63.52	---	---	---	---
10	66.9	65.62	63.26	62.79	61.48	58.83	---	---	---	---
15	62.0	60.71	58.37	57.92	56.65	54.09	---	---	---	---
20	57.2	55.98	53.66	53.16	51.91	49.47	---	---	---	---
25	52.5	51.30	49.00	48.44	47.22	44.92	---	---	---	---
30	47.7	46.59	44.28	43.69	42.52	40.40	---	---	---	---
35	43.0	41.86	39.58	38.97	37.86	35.93	---	---	---	---
40	38.4	37.17	34.95	34.33	33.29	31.54	---	---	---	---
45	33.8	32.60	30.48	29.84	28.88	27.29	---	---	---	---
50	29.3	28.21	26.21	25.57	24.70	23.26	---	---	---	---
55	25.0	24.05	22.19	21.58	20.77	19.47	---	---	---	---
60	21.0	20.16	18.48	17.84	17.15	15.98	---	---	---	---
65	17.3	16.59	15.08	14.44	13.86	12.80	---	---	---	---
70	14.0	13.35	12.01	11.37	10.89	9.96	---	---	---	---
75	11.0	10.47	9.27	8.65	8.34	7.55	---	---	---	---
80	8.3	7.95	7.01	6.33	6.27	5.64	---	---	---	---
85	6.1	5.90	5.19	4.53	4.62	4.20	---	---	---	---

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1990—Con.

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

Age, race, and sex	Number of survivors out of 100,000 born alive (l_x)									
	1990	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
WHITE, MALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,145	98,769	97,994	97,408	96,931	95,188	93,768	91,975	87,674	86,655
5	98,965	98,519	97,671	97,015	96,403	94,150	91,738	88,842	82,972	80,864
10	98,848	98,357	97,441	96,758	96,069	93,601	90,810	87,530	81,519	79,109
15	98,705	98,176	97,208	96,503	95,728	93,089	90,074	86,546	80,549	78,037
20	98,140	97,525	96,480	95,908	95,104	92,293	88,904	84,997	79,116	76,376
25	97,426	96,616	95,524	95,106	94,294	91,241	87,371	83,061	77,047	73,907
30	96,649	95,783	94,716	94,401	93,489	90,092	85,707	80,888	74,810	71,219
35	95,725	94,980	93,843	93,589	92,543	88,713	83,812	78,441	72,108	68,245
40	94,574	93,984	92,631	92,427	91,173	86,880	81,457	75,733	68,848	64,954
45	93,162	92,494	90,725	90,533	89,002	84,285	78,345	72,696	65,115	61,369
50	91,156	90,105	87,690	87,424	85,601	80,521	74,288	69,107	60,741	57,274
55	88,079	86,303	83,001	82,463	80,496	75,156	68,981	64,574	55,622	52,491
60	83,257	80,625	75,969	75,485	73,172	67,787	61,933	58,498	48,987	46,452
65	76,009	72,393	66,343	65,834	63,541	58,305	52,964	50,663	40,862	39,245
70	66,190	61,384	54,138	53,825	51,735	46,739	41,880	40,873	31,527	30,640
75	53,398	47,712	40,324	40,207	38,104	33,404	29,471	29,205	21,585	21,387
80	38,317	32,788	25,885	25,993	24,005	19,860	17,221	17,655	12,160	12,266
85	22,862	18,538	13,527	13,065	12,015	9,013	7,572	8,154	5,145	5,252
WHITE, FEMALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,341	99,035	98,468	98,036	97,645	96,211	95,037	93,608	89,774	88,939
5	99,199	98,841	98,203	97,709	97,199	95,309	93,216	90,721	85,349	83,426
10	99,114	98,725	98,042	97,525	96,960	94,890	92,466	89,564	83,979	81,723
15	99,022	98,618	97,902	97,375	96,756	94,534	91,894	88,712	83,093	80,680
20	98,798	98,374	97,618	97,135	96,454	93,984	90,939	87,281	81,750	78,978
25	98,569	98,093	97,299	96,844	96,072	93,228	89,524	85,163	79,865	76,588
30	98,303	97,802	96,945	96,499	95,605	92,320	87,972	82,740	77,676	73,887
35	97,965	97,445	96,474	96,026	94,977	91,211	86,248	80,206	75,200	70,971
40	97,497	96,913	95,762	95,326	94,080	89,805	84,256	77,624	72,425	67,935
45	96,804	96,065	94,649	94,228	92,725	87,920	81,780	74,871	69,341	64,677
50	95,654	94,710	92,924	92,522	90,685	85,267	78,572	71,547	65,629	61,005
55	93,794	92,594	90,383	89,967	87,699	81,520	74,321	67,323	61,053	56,509
60	90,884	89,451	86,726	86,339	83,279	76,200	68,462	61,704	54,900	50,752
65	86,405	84,764	81,579	80,739	76,773	68,701	60,499	54,299	47,086	43,806
70	80,021	78,139	74,101	72,507	67,545	58,363	49,932	44,638	37,482	35,206
75	70,904	68,712	63,290	60,461	54,397	44,685	37,024	32,777	26,569	25,362
80	58,488	55,770	48,182	44,676	38,026	28,882	23,053	20,492	15,929	15,349
85	42,357	38,774	30,490	26,046	21,348	14,487	10,937	9,909	7,152	7,149
ALL OTHER										
0	100,000	100,000	100,000	100,000	100,000	---	---	---	---	---
1	98,442	98,097	96,909	95,732	95,407	---	---	---	---	---
5	98,180	97,756	96,400	95,051	94,482	---	---	---	---	---
10	98,034	97,568	96,126	94,745	94,060	---	---	---	---	---
15	97,874	97,387	95,864	94,460	93,646	---	---	---	---	---
20	97,318	96,913	95,101	93,880	92,738	---	---	---	---	---
25	96,511	96,107	93,792	92,925	91,321	---	---	---	---	---
30	95,524	95,088	92,309	91,699	89,584	---	---	---	---	---
35	94,244	93,870	90,470	90,046	87,402	---	---	---	---	---
40	92,603	92,245	87,964	87,766	84,478	---	---	---	---	---
45	90,577	89,928	84,575	84,501	80,507	---	---	---	---	---
50	87,765	86,525	80,046	80,172	74,976	---	---	---	---	---
55	83,824	81,732	74,150	73,893	67,660	---	---	---	---	---
60	78,228	75,300	66,775	65,795	58,593	---	---	---	---	---
65	70,743	67,179	57,797	56,038	48,649	---	---	---	---	---
70	61,349	57,635	47,542	45,434	38,616	---	---	---	---	---
75	50,283	46,362	35,987	34,531	28,968	---	---	---	---	---
80	38,104	34,558	25,215	24,815	20,003	---	---	---	---	---
85	25,211	22,279	16,299	15,337	12,433	---	---	---	---	---
ALL OTHER, MALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	---	---	---	---
1	98,298	97,939	96,592	95,301	94,911	91,696	---	---	---	---
5	98,001	97,559	96,038	94,570	93,921	89,920	---	---	---	---
10	97,832	97,337	95,716	94,234	93,453	89,211	---	---	---	---
15	97,636	97,113	95,385	93,874	92,965	88,417	---	---	---	---
20	96,779	96,431	94,293	93,108	91,941	86,770	---	---	---	---
25	95,521	95,200	92,267	91,825	90,285	84,055	---	---	---	---
30	94,053	93,666	90,106	90,270	88,327	80,865	---	---	---	---
35	92,218	91,891	87,597	88,331	85,940	77,185	---	---	---	---
40	89,896	89,645	84,378	85,744	82,832	72,830	---	---	---	---
45	87,125	86,578	80,163	82,075	78,686	67,514	---	---	---	---
50	83,459	82,153	74,748	77,239	72,891	60,766	---	---	---	---
55	78,528	76,019	67,808	70,351	65,122	52,867	---	---	---	---
60	71,626	68,093	59,396	61,669	55,535	44,370	---	---	---	---
65	62,689	58,517	49,607	51,392	45,198	35,912	---	---	---	---
70	51,993	47,796	39,025	39,914	35,018	27,688	---	---	---	---
75	39,878	36,191	27,789	29,064	25,472	19,765	---	---	---	---
80	27,640	24,969	17,999	19,994	16,904	12,352	---	---	---	---
85	16,298	14,454	10,811	11,620	9,898	6,492	---	---	---	---

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1990—Con.

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

Age, race, and sex	Average number of years of life remaining $\mathring{e}_x$									
	1990	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
WHITE, MALE										
0	72.7	70.82	67.94	67.55	66.31	62.81	59.12	56.34	50.23	48.23
1	72.3	70.70	68.33	68.34	67.41	64.98	62.04	60.24	56.26	54.61
5	68.5	66.87	64.55	64.61	63.77	61.68	59.38	58.31	55.37	54.43
10	63.5	61.98	59.69	59.78	58.98	57.03	54.96	54.15	51.32	50.59
15	58.6	57.09	54.83	54.93	54.18	52.33	50.39	49.74	46.91	46.25
20	54.0	52.45	50.22	50.25	49.52	47.76	46.02	45.60	42.71	42.19
25	49.3	47.92	45.70	45.65	44.93	43.28	41.78	41.60	38.79	38.52
30	44.7	43.31	41.07	40.97	40.29	38.80	37.54	37.65	34.87	34.88
35	40.1	38.66	36.43	36.31	35.68	34.36	33.33	33.74	31.08	31.29
40	35.6	34.04	31.87	31.73	31.17	30.03	29.22	29.86	27.43	27.74
45	31.1	29.55	27.48	27.34	26.87	25.87	25.28	26.00	23.86	24.21
50	26.7	25.26	23.34	23.22	22.83	21.96	21.51	22.22	20.39	20.76
55	22.5	21.25	19.51	19.45	19.11	18.34	17.97	18.59	17.03	17.42
60	18.7	17.56	16.07	16.01	15.76	15.05	14.72	15.25	13.98	14.35
65	15.2	14.26	13.02	12.97	12.75	12.07	11.77	12.21	11.25	11.51
70	12.1	11.35	10.38	10.29	10.07	9.42	9.20	9.51	8.83	9.03
75	9.4	8.87	8.06	7.92	7.77	7.17	7.02	7.30	6.75	6.84
80	7.1	6.76	6.18	5.89	5.88	5.38	5.26	5.47	5.09	5.10
85	5.2	5.09	4.63	4.34	4.35	4.02	3.99	4.06	3.88	3.81
WHITE, FEMALE										
0	79.4	78.22	75.49	74.19	72.03	67.29	62.67	58.53	53.62	51.08
1	78.9	77.98	75.66	74.68	72.77	68.93	64.93	61.51	58.69	56.39
5	75.0	74.13	71.86	70.92	69.09	65.57	62.17	59.43	57.67	56.03
10	70.1	69.21	66.97	66.05	64.26	60.85	57.65	55.17	53.57	52.15
15	65.2	64.29	62.07	61.15	59.39	56.07	53.00	50.67	49.12	47.79
20	60.3	59.44	57.24	56.29	54.56	51.38	48.52	46.46	44.88	43.77
25	55.4	54.60	52.42	51.45	49.77	46.78	44.25	42.55	40.88	40.05
30	50.6	49.76	47.60	46.63	45.00	42.21	39.99	38.72	36.96	36.42
35	45.8	44.93	42.82	41.84	40.28	37.70	35.73	34.86	33.09	32.82
40	41.0	40.16	38.12	37.13	35.64	33.25	31.52	30.94	29.26	29.17
45	36.2	35.49	33.54	32.53	31.12	28.90	27.39	26.98	25.45	25.51
50	31.6	30.96	29.11	28.08	26.76	24.72	23.41	23.12	21.74	21.89
55	27.2	26.61	24.85	23.81	22.58	20.73	19.60	19.40	18.18	18.43
60	23.0	22.45	20.79	19.69	18.64	17.00	16.05	15.93	14.92	15.23
65	19.1	18.55	16.93	15.88	15.00	13.56	12.81	12.75	11.97	12.23
70	15.4	14.89	13.37	12.38	11.68	10.50	9.98	9.94	9.38	9.59
75	12.0	11.58	10.21	9.28	8.87	7.92	7.56	7.62	7.20	7.33
80	9.0	8.65	7.59	6.67	6.59	5.88	5.63	5.70	5.35	5.50
85	6.4	6.32	5.54	4.66	4.83	4.34	4.24	4.24	4.06	4.10
ALL OTHER										
0	71.2	69.84	64.95	63.91	60.73	---	---	---	---	---
1	71.3	70.19	66.02	65.75	62.65	---	---	---	---	---
5	67.5	66.43	62.36	62.21	59.25	---	---	---	---	---
10	62.6	61.56	57.53	57.41	54.50	---	---	---	---	---
15	57.7	56.67	52.68	52.57	49.73	---	---	---	---	---
20	53.0	51.93	48.08	47.88	45.19	---	---	---	---	---
25	48.4	47.34	43.71	43.35	40.85	---	---	---	---	---
30	43.9	42.82	39.37	38.89	36.59	---	---	---	---	---
35	39.5	38.34	35.12	34.56	32.44	---	---	---	---	---
40	35.1	33.97	31.05	30.39	28.48	---	---	---	---	---
45	30.9	29.78	27.19	26.46	24.75	---	---	---	---	---
50	26.8	25.85	23.58	22.74	21.38	---	---	---	---	---
55	22.9	22.21	20.24	19.45	18.41	---	---	---	---	---
60	19.4	18.88	17.19	16.53	15.87	---	---	---	---	---
65	16.1	15.86	14.47	13.96	13.59	---	---	---	---	---
70	13.2	13.06	12.04	11.63	11.48	---	---	---	---	---
75	10.5	10.61	10.09	9.52	9.48	---	---	---	---	---
80	8.1	8.38	8.36	7.28	7.62	---	---	---	---	---
85	6.0	6.63	6.62	5.27	5.79	---	---	---	---	---
ALL OTHER, MALE										
0	67.0	65.63	60.98	61.48	58.91	52.33	---	---	---	---
1	67.2	66.01	62.13	63.50	61.06	56.05	---	---	---	---
5	63.4	62.26	58.48	59.98	57.69	53.13	---	---	---	---
10	58.5	57.40	53.67	55.19	52.96	48.54	---	---	---	---
15	53.6	52.52	48.84	50.39	48.23	43.95	---	---	---	---
20	49.0	47.87	44.37	45.78	43.73	39.74	---	---	---	---
25	44.6	43.46	40.29	41.38	39.49	35.94	---	---	---	---
30	40.3	39.13	36.20	37.05	35.31	32.25	---	---	---	---
35	36.0	34.83	32.16	32.81	31.21	28.67	---	---	---	---
40	31.9	30.64	28.29	28.72	27.29	25.23	---	---	---	---
45	27.8	26.63	24.64	24.89	23.59	22.02	---	---	---	---
50	23.9	22.92	21.24	21.28	20.25	19.18	---	---	---	---
55	20.3	19.56	18.14	18.11	17.36	16.67	---	---	---	---
60	17.0	16.54	15.35	15.29	14.91	14.38	---	---	---	---
65	14.0	13.83	12.87	12.84	12.75	12.18	---	---	---	---
70	11.4	11.36	10.68	10.81	10.74	10.06	---	---	---	---
75	9.1	9.20	8.99	8.93	8.83	8.09	---	---	---	---
80	7.0	7.22	7.57	6.87	7.07	6.46	---	---	---	---
85	5.3	5.69	6.04	5.08	5.38	5.08	---	---	---	---

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1990—Con.

(Page 5 of 6)

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

Age, race, and sex	Number of survivors out of 100,000 born alive (l_x)									
	1990	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
ALL OTHER, FEMALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	---	---	---	---
1	98,592	98,261	97,235	96,172	95,913	93,318	---	---	---	---
5	98,364	97,958	96,772	95,543	95,055	91,710	---	---	---	---
10	98,242	97,806	96,546	95,265	94,679	91,092	---	---	---	---
15	98,119	97,669	96,353	95,057	94,343	90,363	---	---	---	---
20	97,873	97,404	95,917	94,660	93,544	88,505	---	---	---	---
25	97,516	96,996	95,247	94,005	92,336	85,961	---	---	---	---
30	96,986	96,441	94,370	93,070	90,799	83,147	---	---	---	---
35	96,220	95,719	93,123	91,670	88,805	79,879	---	---	---	---
40	95,202	94,646	91,247	89,676	86,052	75,908	---	---	---	---
45	93,863	93,009	88,608	86,793	82,257	71,061	---	---	---	---
50	91,850	90,523	84,964	82,979	77,007	64,886	---	---	---	---
55	88,845	86,951	80,162	77,362	70,196	57,419	---	---	---	---
60	84,453	82,000	73,984	69,941	61,758	49,102	---	---	---	---
65	78,293	75,382	66,064	60,825	52,358	40,718	---	---	---	---
70	70,171	67,147	56,375	51,274	42,612	32,579	---	---	---	---
75	60,165	56,499	44,841	40,540	32,981	24,668	---	---	---	---
80	48,168	44,378	33,373	30,315	23,712	17,157	---	---	---	---
85	33,979	30,543	22,763	19,744	15,550	10,658	---	---	---	---
BLACK										
0	100,000	100,000	100,000	---	---	100,000	---	---	---	---
1	98,199	97,885	96,731	---	---	92,584	---	---	---	---
5	97,910	97,522	96,207	---	---	90,983	---	---	---	---
10	97,752	97,322	95,928	---	---	90,339	---	---	---	---
15	97,573	97,134	95,661	---	---	89,591	---	---	---	---
20	96,952	96,652	94,887	---	---	87,839	---	---	---	---
25	96,017	95,804	93,513	---	---	85,210	---	---	---	---
30	94,837	94,680	91,934	---	---	82,194	---	---	---	---
35	93,276	93,288	89,977	---	---	78,683	---	---	---	---
40	91,273	91,439	87,304	---	---	74,466	---	---	---	---
45	88,784	88,834	83,700	---	---	69,284	---	---	---	---
50	85,414	85,044	78,938	---	---	62,702	---	---	---	---
55	80,838	79,816	72,826	---	---	54,846	---	---	---	---
60	74,528	72,913	65,250	---	---	46,318	---	---	---	---
65	66,309	64,391	56,102	---	---	37,838	---	---	---	---
70	56,405	54,617	45,785	---	---	29,654	---	---	---	---
75	45,188	43,274	34,262	---	---	21,798	---	---	---	---
80	33,464	31,711	23,710	---	---	14,408	---	---	---	---
85	21,568	19,939	15,044	---	---	8,326	---	---	---	---
BLACK, MALE										
0	100,000	100,000	100,000	---	---	100,000	100,000	100,000	100,000	100,000
1	98,032	97,703	96,394	---	---	91,772	91,268	89,499	78,065	74,674
5	97,709	97,300	95,826	---	---	90,082	88,412	85,195	68,589	64,385
10	97,526	97,061	95,497	---	---	89,393	87,311	83,768	66,377	61,730
15	97,308	96,826	95,161	---	---	88,610	86,152	82,332	64,478	59,667
20	96,338	96,132	94,053	---	---	86,968	83,621	79,057	61,426	56,733
25	94,858	94,827	91,904	---	---	84,227	79,516	74,540	57,736	53,285
30	93,091	93,125	89,584	---	---	80,979	75,083	70,344	54,073	49,867
35	90,827	91,080	86,885	---	---	77,221	70,049	65,873	49,865	46,541
40	87,985	88,490	83,441	---	---	72,780	64,710	61,353	45,414	42,989
45	84,582	84,997	78,976	---	---	67,346	58,432	56,589	40,563	39,230
50	80,147	80,065	73,282	---	---	60,495	51,748	51,880	35,427	34,766
55	74,394	73,413	66,101	---	---	52,426	44,436	46,581	29,754	29,987
60	66,664	64,980	57,457	---	---	43,833	36,790	40,506	23,750	24,194
65	57,067	55,061	47,485	---	---	35,371	29,314	34,042	17,806	19,015
70	46,070	44,213	36,925	---	---	27,236	21,741	26,923	12,295	13,829
75	34,140	32,717	25,921	---	---	19,456	14,419	18,854	7,494	8,892
80	22,789	22,017	16,560	---	---	12,186	8,239	11,615	3,894	4,831
85	12,790	12,383	9,648	---	---	6,444	3,660	5,605	1,747	2,030
BLACK, FEMALE										
0	100,000	100,000	100,000	---	---	100,000	100,000	100,000	100,000	100,000
1	98,370	98,073	97,076	---	---	93,416	92,796	91,251	81,493	78,525
5	98,115	97,751	96,598	---	---	91,906	90,185	87,149	72,768	68,056
10	97,981	97,590	96,369	---	---	91,308	89,201	85,607	70,508	65,111
15	97,845	97,450	96,172	---	---	90,594	88,088	83,954	68,218	62,384
20	97,580	97,180	95,729	---	---	88,736	85,078	80,154	64,764	59,053
25	97,175	96,754	95,035	---	---	86,198	81,067	75,359	61,430	55,795
30	96,544	96,150	94,114	---	---	83,384	76,816	70,633	58,281	52,773
35	95,626	95,338	92,807	---	---	80,092	72,192	65,857	54,595	49,567
40	94,391	94,137	90,817	---	---	76,084	67,271	61,130	50,568	46,146
45	92,751	92,322	88,001	---	---	71,157	61,365	56,230	45,947	42,279
50	90,371	89,563	84,168	---	---	64,885	54,920	50,780	40,886	37,681
55	86,900	85,653	79,177	---	---	57,314	47,074	44,742	35,415	33,124
60	81,943	80,293	72,820	---	---	48,928	38,761	37,954	28,908	27,524
65	75,059	73,266	64,716	---	---	40,504	30,852	31,044	22,302	21,995
70	66,303	64,729	54,873	---	---	32,354	23,341	24,107	15,871	16,140
75	55,897	53,831	43,193	---	---	24,502	16,576	17,216	10,657	11,066
80	43,975	41,686	31,756	---	---	17,039	10,822	11,151	6,324	6,708
85	30,413	28,004	21,358	---	---	10,622	6,033	5,972	3,029	3,567

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1990—Con.

(Page 6 of 6)

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

Age, race, and sex	Average number of years of life remaining ($\mathring{e}_x$)									
	1990	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
ALL OTHER, FEMALE										
0	75.2	74.00	69.05	66.47	62.70	55.51	---	---	---	---
1	75.3	74.31	70.01	68.10	64.37	58.47	---	---	---	---
5	71.5	70.53	66.34	64.54	60.93	55.47	---	---	---	---
10	66.6	65.64	61.49	59.72	56.17	50.83	---	---	---	---
15	61.7	60.73	56.60	54.85	51.36	46.22	---	---	---	---
20	56.8	55.88	51.85	50.07	46.77	42.14	---	---	---	---
25	52.0	51.11	47.19	45.40	42.35	38.31	---	---	---	---
30	47.3	46.39	42.61	40.83	38.02	34.52	---	---	---	---
35	42.6	41.72	38.14	36.41	33.82	30.83	---	---	---	---
40	38.1	37.16	33.87	32.16	29.82	27.31	---	---	---	---
45	33.6	32.77	29.80	28.14	26.07	24.00	---	---	---	---
50	29.2	28.59	25.97	24.31	22.67	21.04	---	---	---	---
55	25.1	24.66	22.37	20.89	19.62	18.44	---	---	---	---
60	21.3	20.99	19.02	17.83	16.95	16.14	---	---	---	---
65	17.8	17.60	15.99	15.12	14.54	13.95	---	---	---	---
70	14.5	14.44	13.30	12.46	12.29	11.81	---	---	---	---
75	11.5	11.68	11.06	10.10	10.15	9.80	---	---	---	---
80	8.8	9.17	9.01	7.66	8.15	8.00	---	---	---	---
85	6.4	7.19	7.07	5.44	6.15	6.38	---	---	---	---
BLACK										
0	69.1	68.52	64.11	---	---	53.85	---	---	---	---
1	69.4	68.99	65.27	---	---	57.15	---	---	---	---
5	65.6	65.25	61.62	---	---	54.13	---	---	---	---
10	60.7	60.38	56.79	---	---	49.50	---	---	---	---
15	55.8	55.49	51.94	---	---	44.89	---	---	---	---
20	51.1	50.75	47.34	---	---	40.73	---	---	---	---
25	46.6	46.18	43.00	---	---	36.91	---	---	---	---
30	42.2	41.69	38.70	---	---	33.17	---	---	---	---
35	37.8	37.28	34.48	---	---	29.53	---	---	---	---
40	33.6	32.98	30.46	---	---	26.06	---	---	---	---
45	29.5	28.87	26.65	---	---	22.82	---	---	---	---
50	25.5	25.03	23.11	---	---	19.94	---	---	---	---
55	21.8	21.50	19.83	---	---	17.43	---	---	---	---
60	18.4	18.29	16.83	---	---	15.18	---	---	---	---
65	15.4	15.37	14.16	---	---	13.02	---	---	---	---
70	12.7	12.67	11.77	---	---	10.93	---	---	---	---
75	10.2	10.32	9.89	---	---	8.97	---	---	---	---
80	7.9	8.17	8.20	---	---	7.31	---	---	---	---
85	5.9	6.54	6.54	---	---	5.91	---	---	---	---
BLACK, MALE										
0	64.5	64.10	60.00	---	---	52.26	47.55	47.14	34.05	32.54
1	64.8	64.60	61.24	---	---	55.93	51.08	51.63	42.53	42.46
5	61.0	60.86	57.60	---	---	52.95	48.69	50.18	44.25	45.06
10	56.1	56.01	52.79	---	---	48.34	44.27	45.99	40.65	41.90
15	51.3	51.14	47.96	---	---	43.74	39.83	41.75	36.77	38.26
20	46.7	46.48	43.49	---	---	39.52	35.95	38.36	33.46	35.11
25	42.4	42.09	39.45	---	---	35.72	32.67	35.54	30.44	32.21
30	38.2	37.81	35.40	---	---	32.05	29.45	32.51	27.33	29.25
35	34.1	33.60	31.42	---	---	28.48	26.39	29.54	24.42	26.16
40	30.1	29.51	27.61	---	---	25.06	23.36	26.53	21.57	23.12
45	26.2	25.61	24.03	---	---	21.88	20.59	23.55	18.85	20.09
50	22.5	22.03	20.69	---	---	19.06	17.92	20.47	16.21	17.34
55	19.0	18.79	17.66	---	---	16.60	15.46	17.50	13.82	14.69
60	15.9	15.89	14.93	---	---	14.37	13.15	14.74	11.67	12.62
65	13.2	13.29	12.53	---	---	12.21	10.87	12.07	9.74	10.38
70	10.7	10.94	10.40	---	---	10.11	8.78	9.58	8.00	8.33
75	8.6	8.90	8.76	---	---	8.17	6.99	7.61	6.58	6.60
80	6.7	7.03	7.35	---	---	6.58	5.42	5.83	5.53	5.12
85	5.0	5.61	5.92	---	---	5.34	4.30	4.53	4.48	4.04
BLACK, FEMALE										
0	73.6	72.88	68.32	---	---	55.56	49.51	46.92	37.67	35.04
1	73.8	73.31	69.37	---	---	58.46	52.33	50.39	45.15	43.54
5	70.0	69.54	65.70	---	---	55.40	49.81	48.70	46.42	46.04
10	65.1	64.65	60.85	---	---	50.75	45.33	44.54	42.84	43.02
15	60.2	59.74	55.97	---	---	46.13	40.87	40.36	39.18	39.79
20	55.3	54.90	51.22	---	---	42.04	37.22	37.15	36.14	36.89
25	50.6	50.13	46.57	---	---	38.20	33.93	34.35	32.97	33.90
30	45.9	45.43	42.00	---	---	34.40	30.67	31.48	29.61	30.70
35	41.3	40.79	37.56	---	---	30.83	27.47	28.58	26.44	27.52
40	36.8	36.28	33.32	---	---	27.19	24.30	25.60	23.34	24.37
45	32.4	31.94	29.31	---	---	23.89	21.39	22.61	20.43	21.36
50	28.2	27.84	25.52	---	---	20.95	18.60	19.76	17.65	18.67
55	24.2	24.00	21.97	---	---	18.38	16.27	17.09	14.98	15.88
60	20.5	20.42	18.66	---	---	16.10	14.22	14.69	12.78	13.60
65	17.2	17.13	15.67	---	---	13.95	12.24	12.41	10.82	11.38
70	14.1	14.05	13.02	---	---	11.82	10.38	10.25	9.22	9.62
75	11.2	11.37	10.85	---	---	9.81	8.62	8.37	7.55	7.90
80	8.6	8.95	8.87	---	---	8.02	6.90	6.58	6.05	6.48
85	6.3	7.09	7.00	---	---	6.41	5.48	5.22	5.09	5.10

Table 6-5. Estimated Average Length of Life in Years, by Race and Sex: Death-Registration States, 1900-28, and United States, 1929-90

(Page 1 of 2)

[For selected years, life table values shown are estimates; see Technical Appendix. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

Area and year	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
UNITED STATES [1]												
1990	75.4	71.8	78.8	76.1	72.7	79.4	71.2	67.0	75.2	69.1	64.5	73.6
1989 [2]	75.1	71.7	78.5	75.9	72.5	79.2	70.9	66.7	74.9	68.8	64.3	73.3
1988 [2]	74.9	71.4	78.3	75.6	72.2	78.9	70.8	66.7	74.8	68.9	64.4	73.2
1987 [2]	74.9	71.4	78.3	75.6	72.1	78.9	71.0	66.9	75.0	69.1	64.7	73.4
1986 [2]	74.7	71.2	78.2	75.4	71.9	78.8	70.9	66.8	74.9	69.1	64.8	73.4
1985 [2]	74.7	71.1	78.2	75.3	71.8	78.7	71.0	67.0	74.8	69.3	65.0	73.4
1984 [2]	74.7	71.1	78.2	75.3	71.8	78.7	71.1	67.2	74.9	69.5	65.3	73.6
1983 [2]	74.6	71.0	78.1	75.2	71.6	78.7	70.9	67.0	74.7	69.4	65.2	73.5
1982 [2]	74.5	70.8	78.1	75.1	71.5	78.7	70.9	66.8	74.9	69.4	65.1	73.6
1981 [2]	74.1	70.4	77.8	74.8	71.1	78.4	70.3	66.2	74.4	68.9	64.5	73.2
1980	73.7	70.0	77.4	74.4	70.7	78.1	69.5	65.3	73.6	68.1	63.8	72.5
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1	68.5	64.0	72.9
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5	68.1	63.7	72.4
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2	67.7	63.4	72.0
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7	67.2	62.9	71.6
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	66.8	62.4	71.3
1974	72.0	68.2	75.9	72.8	69.0	76.7	67.1	62.9	71.3	66.0	61.7	70.3
1973	71.4	67.6	75.3	72.2	68.5	76.1	66.1	62.0	70.3	65.0	60.9	69.3
1972 [3]	71.2	67.4	75.1	72.0	68.3	75.9	65.7	61.5	70.1	64.7	60.4	69.1
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.8	64.6	60.5	68.9
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3
1969	70.5	66.8	74.4	71.4	67.7	75.3	64.5	60.6	68.6	---	---	---
1968	70.2	66.6	74.1	71.1	67.5	75.0	64.1	60.4	67.9	---	---	---
1967	70.5	67.0	74.3	71.4	67.8	75.2	64.9	61.4	68.5	---	---	---
1966	70.2	66.7	73.9	71.1	67.5	74.8	64.2	60.9	67.6	---	---	---
1965	70.2	66.8	73.8	71.1	67.6	74.8	64.3	61.2	67.6	---	---	---
1964	70.2	66.8	73.7	71.0	67.7	74.7	64.2	61.3	67.3	---	---	---
1963 [4]	69.9	66.6	73.4	70.8	67.4	74.4	63.7	61.0	66.6	---	---	---
1962 [4]	70.1	66.9	73.5	70.9	67.7	74.5	64.2	61.6	66.9	---	---	---
1961	70.2	67.1	73.6	71.0	67.8	74.6	64.5	62.0	67.1	---	---	---
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3	---	---	---
1959	69.9	66.8	73.2	70.7	67.5	74.2	63.9	61.3	66.5	---	---	---
1958	69.6	66.6	72.9	70.5	67.4	73.9	63.4	61.0	65.8	---	---	---
1957	69.5	66.4	72.7	70.3	67.2	73.7	63.0	60.7	65.5	---	---	---
1956	69.7	66.7	72.9	70.5	67.5	73.9	63.6	61.3	66.1	---	---	---
1955	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1	---	---	---
1954	69.6	66.7	72.8	70.5	67.5	73.7	63.4	61.1	65.9	---	---	---
1953	68.8	66.0	72.0	69.7	66.8	73.0	62.0	59.7	64.5	---	---	---
1952	68.6	65.8	71.6	69.5	66.6	72.6	61.4	59.1	63.8	---	---	---
1951	68.4	65.6	71.4	69.3	66.5	72.4	61.2	59.2	63.4	---	---	---
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9	---	---	---
1949	68.0	65.2	70.7	68.8	66.2	71.9	60.6	58.9	62.7	---	---	---
1948	67.2	64.6	69.9	68.0	65.5	71.0	60.0	58.1	62.5	---	---	---
1947	66.8	64.4	69.7	67.6	65.2	70.5	59.7	57.9	61.9	---	---	---
1946	66.7	64.4	69.4	67.5	65.1	70.3	59.1	57.5	61.0	---	---	---
1945	65.9	63.6	67.9	66.8	64.4	69.5	57.7	56.1	59.6	---	---	---
1944	65.2	63.6	66.8	66.2	64.5	68.4	56.6	55.8	57.7	---	---	---
1943	63.3	62.4	64.4	64.2	63.2	65.7	55.6	55.4	56.1	---	---	---
1942	66.2	64.7	67.9	67.3	65.9	69.4	56.6	55.4	58.2	---	---	---
1941	64.8	63.1	66.8	66.2	64.4	68.5	53.8	52.5	55.3	---	---	---
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9	---	---	---
1939	63.7	62.1	65.4	64.9	63.3	66.6	54.5	53.2	56.0	---	---	---
1938	63.5	61.9	65.3	65.0	63.2	66.8	52.9	51.7	54.3	---	---	---
1937	60.0	58.0	62.4	61.4	59.3	63.8	50.3	48.3	52.5	---	---	---
1936	58.5	56.6	60.6	59.8	58.0	61.9	49.0	47.0	51.4	---	---	---
1935	61.7	59.9	63.9	62.9	61.0	65.0	53.1	51.3	55.2	---	---	---
1934	61.1	59.3	63.3	62.4	60.5	64.6	51.8	50.2	53.7	---	---	---
1933	63.3	61.7	65.1	64.3	62.7	66.3	54.7	53.5	56.0	---	---	---
1932	62.1	61.0	63.5	63.2	62.0	64.5	53.7	52.8	54.6	---	---	---
1931	61.1	59.4	63.1	62.6	60.8	64.7	50.4	49.5	51.5	---	---	---
1930	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2	---	---	---
1929	57.1	55.8	58.7	58.6	57.2	60.3	46.7	45.7	47.8	---	---	---

Table 6-5. Estimated Average Length of Life in Years, by Race and Sex: Death-Registration States, 1900-28, and United States, 1929-90—Con.

(Page 2 of 2)

[For selected years, life table values shown are estimates; see Technical Appendix. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

Area and year	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
DEATH-REGISTRATION STATES												
1928	56.8	55.6	58.3	58.4	57.0	60.0	46.3	45.6	47.0	- - -	- - -	- - -
1927	60.4	59.0	62.1	62.0	60.5	63.9	48.2	47.6	48.9	- - -	- - -	- - -
1926	56.7	55.5	58.0	58.2	57.0	59.6	44.6	43.7	45.6	- - -	- - -	- - -
1925	59.0	57.6	60.6	60.7	59.3	62.4	45.7	44.9	46.7	- - -	- - -	- - -
1924	59.7	58.1	61.5	61.4	59.8	63.4	46.6	45.5	47.8	- - -	- - -	- - -
1923	57.2	56.1	58.5	58.3	57.1	59.6	48.3	47.7	48.9	- - -	- - -	- - -
1922	59.6	58.4	61.0	60.4	59.1	61.9	52.4	51.8	53.0	- - -	- - -	- - -
1921	60.8	60.0	61.8	61.8	60.8	62.9	51.5	51.6	51.3	- - -	- - -	- - -
1920	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2	- - -	- - -	- - -
1919	54.7	53.5	56.0	55.8	54.5	57.4	44.5	44.5	44.4	- - -	- - -	- - -
1918	39.1	36.6	42.2	39.8	37.1	43.2	31.1	29.9	32.5	- - -	- - -	- - -
1917	50.9	48.4	54.0	52.0	49.3	55.3	38.8	37.0	40.8	- - -	- - -	- - -
1916	51.7	49.6	54.3	52.5	50.2	55.2	41.3	39.6	43.1	- - -	- - -	- - -
1915	54.5	52.5	56.8	55.1	53.1	57.5	38.9	37.5	40.5	- - -	- - -	- - -
1914	54.2	52.0	56.8	54.9	52.7	57.5	38.9	37.1	40.8	- - -	- - -	- - -
1913	52.5	50.3	55.0	53.0	50.8	55.7	38.4	36.7	40.3	- - -	- - -	- - -
1912	53.5	51.5	55.9	53.9	51.9	56.2	37.9	35.9	40.0	- - -	- - -	- - -
1911	52.6	50.9	54.4	53.0	51.3	54.9	36.4	34.6	38.2	- - -	- - -	- - -
1910	50.0	48.4	51.8	50.3	48.6	52.0	35.6	33.8	37.5	- - -	- - -	- - -
1909	52.1	50.5	53.8	52.5	50.9	54.2	35.7	34.2	37.3	- - -	- - -	- - -
1908	51.1	49.5	52.8	51.5	49.9	53.3	34.9	33.8	36.0	- - -	- - -	- - -
1907	47.6	45.6	49.9	48.1	46.0	50.4	32.5	31.1	34.0	- - -	- - -	- - -
1906	48.7	46.9	50.8	49.3	47.3	51.4	32.9	31.8	33.9	- - -	- - -	- - -
1905	48.7	47.3	50.2	49.1	47.6	50.6	31.3	29.6	33.1	- - -	- - -	- - -
1904	47.6	46.2	49.1	48.0	46.6	49.5	30.8	29.1	32.7	- - -	- - -	- - -
1903	50.5	49.1	52.0	50.9	49.5	52.5	33.1	31.7	34.6	- - -	- - -	- - -
1902	51.5	49.8	53.4	51.9	50.2	53.8	34.6	32.9	36.4	- - -	- - -	- - -
1901	49.1	47.6	50.6	49.4	48.0	51.0	33.7	32.2	35.3	- - -	- - -	- - -
1900	47.3	46.3	48.3	47.6	46.6	48.7	33.0	32.5	33.5	- - -	- - -	- - -

[1] Alaska included in 1959 and Hawaii in 1960.
[2] Life table values are revised and, therefore, may differ from those published in "Vital Statistics of the United States", Vol. II, Mortality, Part A for 1989 and earlier years; see Technical Appendix.
[3] Deaths based on a 50-percent sample.
[4] Figures by race exclude data for residents of New Jersey; see Technical Appendix.

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Sources of data

Death and fetal-death statistics

Mortality statistics for 1990 are, as for all previous years except 1972, based on information from records of all deaths occurring in the United States. Fetal-death statistics for every year are based on all reports of fetal death received by the National Center for Health Statistics (NCHS).

The death-registration system and the fetal-death reporting system of the United States encompass the 50 States, the District of Columbia, New York City (which is independent of New York State for the purpose of death registration), Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Marianas. In the statistical tabulations of this publication, *United States* refers only to the aggregate of the 50 States (including New York City) and the District of Columbia. Tabulations for Guam, Puerto Rico, and the Virgin Islands are shown separately in this volume. No data have ever been included for American Samoa or the Trust Territory of the Pacific Islands.

The Virgin Islands was admitted to the registration area for deaths in 1924; Puerto Rico, in 1932; and Guam, in 1970. Tabulations of death statistics for Puerto Rico and the Virgin Islands were regularly shown in the annual volumes of *Vital Statistics of the United States* from the year of their admission through 1971 except for the years 1967–69, and tabulations for Guam were included for 1970 and 1971. Death statistics for Puerto Rico, the Virgin Islands, and Guam were not included in the 1972 volume but have been included in section 8 of the volumes for each of the years 1973–78 and in section 9 beginning with 1979. Information for 1972 for these three areas was published in the respective annual vital statistics reports of the Department of Health of the Commonwealth of Puerto Rico, the Department of Health of the Virgin Islands, and the Department of Public Health and Social Services of the Government of Guam.

Procedures used by NCHS to collect death statistics have changed over the years. Before 1971, tabulations of deaths and fetal deaths were based solely on information obtained by NCHS from copies of the original certificates. The information from these copies was edited, coded, and tabulated. For 1960–70, all mortality information taken from these records was transferred by NCHS to magnetic tape for computer processing.

Beginning with 1971, an increasing number of States have provided NCHS, via the Vital Statistics Cooperative Program (VSCP), computer tapes of data coded according to NCHS specifications. The year State-coded demographic data were first transmitted on computer tape to NCHS is shown below for each of the States, New York City, Puerto Rico, and the District of Columbia, all of which now furnish demographic or nonmedical data on tape.

1971
- Florida

1972
- Maine
- Missouri
- New Hampshire
- Rhode Island
- Vermont

1973
- Colorado
- Michigan
- New York (except New York City)

1974
- Illinois
- Iowa
- Kansas
- Montana
- Nebraska
- Oregon
- South Carolina

1975
- Louisiana
- Maryland
- North Carolina
- Oklahoma
- Tennessee
- Virginia
- Wisconsin

1976
- Alabama
- Kentucky
- Minnesota
- Nevada
- Texas
- West Virginia

1977
- Alaska
- Idaho
- Massachusetts
- New York City
- Ohio
- Puerto Rico

1978
- Indiana
- Utah
- Washington

1979
- Connecticut
- Hawaii
- Mississippi
- New Jersey
- Pennsylvania
- Wyoming

1980
- Arkansas
- New Mexico
- South Dakota

1982
- North Dakota

1985
- Arizona
- California
- Delaware
- Georgia
- District of Columbia

For the Virgin Islands and Guam, mortality statistics for 1990 are based on information obtained directly by NCHS from copies of the original certificates received from the registration offices.

In 1974, States began coding medical (cause-of-death) data on computer tapes according to NCHS specifications. The year State-coded medical data were first transmitted to NCHS is shown below for the 30 States now furnishing such data. NCHS contracted with Colorado, Kansas, and Mississippi to precode medical data for all deaths on computer tape for the five States that were added in 1988. Vermont subcontracted with Pennsylvania to code its medical data.

1974
- Iowa
- Michigan

1975
- Louisiana
- Nebraska
- North Carolina
- Virginia
- Wisconsin

1980
- Colorado
- Kansas
- Massachusetts
- Mississippi
- New Hampshire
- Pennsylvania
- South Carolina

1981
- Maine

1983
- Minnesota

1984
- Maryland
- New York State (except New York City)
- Vermont

1986
- California
- Florida
- Texas

1988
- Alaska
- Delaware
- Idaho
- North Dakota
- Wyoming

1989
- Georgia
- Indiana
- Washington

For 1990 and previous years except 1972, NCHS coded the medical information from copies of the original certificates received from the registration offices for all deaths occurring in those States that were not furnishing NCHS with medical data coded according to NCHS specifications. For 1981 and 1982, these procedures were modified because of a coding and processing backlog resulting from personnel and budgetary restrictions. To produce the mortality files on a timely basis with reduced resources, NCHS used State-coded underlying cause-of-death information supplied by 19 States for 50 percent of the records; for the other 50 percent of the records for these States as well as for 100 percent of the records for the remaining 21 registration areas, NCHS coded the medical information. Mortality statistics for 1972 were based on information obtained from a 50-percent sample of death records instead of from all records as in other years. The sampling resulted from personnel and budgetary restrictions. Sampling variation associated with the 50-percent sample is described in "Estimates of errors arising from 50-percent sample for 1972."

Fetal-death data are obtained directly from copies of original reports of fetal deaths received by NCHS, except New York State (excluding New York City), which submitted State-coded data in 1990.

Standard certificates and reports

For many years, the U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death, issued by the Public Health Service, have been used as the principal means to attain uniformity in the contents of documents used to collect information on these events. They have been modified in each State to the extent required by the particular needs of the State or by special provisions of the State vital statistics law. However, the certificates or reports of most States conform closely in content and arrangement to the standards.

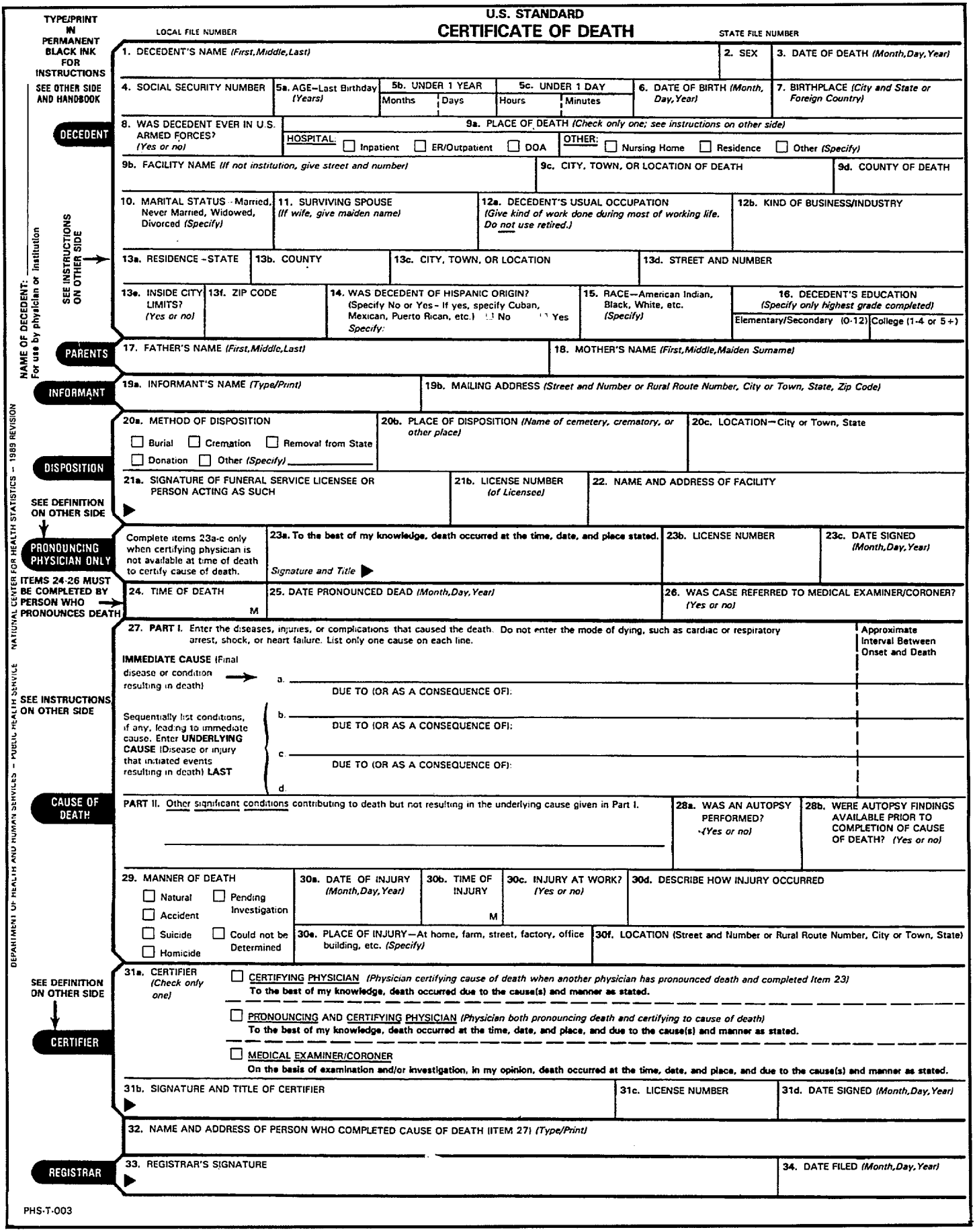
The first issue of the U.S. Standard Certificate of Death appeared in 1900. Since then, it has been revised periodically by the national vital statistics agency through consultation with State health officers and registrars; Federal agencies concerned with vital statistics; national, State, and county medical societies; and others working in such fields as public health, social welfare, demography, and insurance. This revision procedure has assured careful evaluation of each item in terms of its current and future usefulness for legal, medical and health, demographic, and research purposes. New items have been added when necessary, and old items have been modified to ensure better reporting; or in some cases, items have been dropped when their usefulness appeared to be limited.

New revisions of the U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death were recommended for State use beginning on January 1, 1989. The U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death are in figures 7-A and 7-B (1).

Among the major changes were the addition of a new item on educational attainment and changes to improve the medical certification of cause of death. Additional lines to report causes of death were added as well as more complete instructions with examples for properly completing the cause of death. Also, for the first time, the U.S. Standard Certificate of Death includes a question on the Hispanic origin of the decedent. A number of States had included an Hispanic-origin identifier on their certificates, resulting in data shown in this volume for years before 1989. To obtain information on type of place of death, the format of the item was changed from an open-ended question to a checkbox.

History

The first death statistics published by the Federal Government concerned events in 1850 and were based on statistics collected during the decennial census of that year. In 1880 a national "registration area" was created for deaths. Originally consisting of two States—Massachusetts and New Jersey—the District of Columbia, and several large cities having efficient



U.S. STANDARD
CERTIFICATE OF DEATH

TYPE/PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE OTHER SIDE AND HANDBOOK

LOCAL FILE NUMBER

STATE FILE NUMBER

NAME OF DECEDENT: For use by physician or institution

SEE INSTRUCTIONS ON OTHER SIDE

DECEDENT

1. DECEDENT'S NAME (First, Middle, Last)
2. SEX
3. DATE OF DEATH (Month, Day, Year)
4. SOCIAL SECURITY NUMBER
5a. AGE–Last Birthday (Years)
5b. UNDER 1 YEAR: Months | Days
5c. UNDER 1 DAY: Hours | Minutes
6. DATE OF BIRTH (Month, Day, Year)
7. BIRTHPLACE (City and State or Foreign Country)
8. WAS DECEDENT EVER IN U.S. ARMED FORCES? (Yes or no)
9a. PLACE OF DEATH (Check only one; see instructions on other side)
HOSPITAL: ☐ Inpatient ☐ ER/Outpatient ☐ DOA
OTHER: ☐ Nursing Home ☐ Residence ☐ Other (Specify)
9b. FACILITY NAME (If not institution, give street and number)
9c. CITY, TOWN, OR LOCATION OF DEATH
9d. COUNTY OF DEATH
10. MARITAL STATUS – Married, Never Married, Widowed, Divorced (Specify)
11. SURVIVING SPOUSE (If wife, give maiden name)
12a. DECEDENT'S USUAL OCCUPATION (Give kind of work done during most of working life. Do not use retired.)
12b. KIND OF BUSINESS/INDUSTRY
13a. RESIDENCE – STATE
13b. COUNTY
13c. CITY, TOWN, OR LOCATION
13d. STREET AND NUMBER
13e. INSIDE CITY LIMITS? (Yes or no)
13f. ZIP CODE
14. WAS DECEDENT OF HISPANIC ORIGIN? (Specify No or Yes – If yes, specify Cuban, Mexican, Puerto Rican, etc.) ☐ No ☐ Yes Specify:
15. RACE—American Indian, Black, White, etc. (Specify)
16. DECEDENT'S EDUCATION (Specify only highest grade completed)
Elementary/Secondary (0-12) | College (1-4 or 5+)

PARENTS

17. FATHER'S NAME (First, Middle, Last)
18. MOTHER'S NAME (First, Middle, Maiden Surname)

INFORMANT

19a. INFORMANT'S NAME (Type/Print)
19b. MAILING ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)

DISPOSITION

20a. METHOD OF DISPOSITION: ☐ Burial ☐ Cremation ☐ Removal from State ☐ Donation ☐ Other (Specify) _____
20b. PLACE OF DISPOSITION (Name of cemetery, crematory, or other place)
20c. LOCATION—City or Town, State
21a. SIGNATURE OF FUNERAL SERVICE LICENSEE OR PERSON ACTING AS SUCH ▶
21b. LICENSE NUMBER (of Licensee)
22. NAME AND ADDRESS OF FACILITY

SEE DEFINITION ON OTHER SIDE

PRONOUNCING PHYSICIAN ONLY

Complete items 23a-c only when certifying physician is not available at time of death to certify cause of death.
23a. To the best of my knowledge, death occurred at the time, date, and place stated. Signature and Title ▶
23b. LICENSE NUMBER
23c. DATE SIGNED (Month, Day, Year)

ITEMS 24-26 MUST BE COMPLETED BY PERSON WHO PRONOUNCES DEATH

24. TIME OF DEATH M
25. DATE PRONOUNCED DEAD (Month, Day, Year)
26. WAS CASE REFERRED TO MEDICAL EXAMINER/CORONER? (Yes or no)

SEE INSTRUCTIONS ON OTHER SIDE

CAUSE OF DEATH

27. PART I. Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line. Approximate Interval Between Onset and Death

IMMEDIATE CAUSE (Final disease or condition resulting in death) → a. _____ DUE TO (OR AS A CONSEQUENCE OF):

Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST
b. _____ DUE TO (OR AS A CONSEQUENCE OF):
c. _____ DUE TO (OR AS A CONSEQUENCE OF):
d.

PART II. Other significant conditions contributing to death but not resulting in the underlying cause given in Part I.
28a. WAS AN AUTOPSY PERFORMED? (Yes or no)
28b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or no)

29. MANNER OF DEATH: ☐ Natural ☐ Accident ☐ Suicide ☐ Homicide ☐ Pending Investigation ☐ Could not be Determined
30a. DATE OF INJURY (Month, Day, Year)
30b. TIME OF INJURY M
30c. INJURY AT WORK? (Yes or no)
30d. DESCRIBE HOW INJURY OCCURRED
30e. PLACE OF INJURY—At home, farm, street, factory, office building, etc. (Specify)
30f. LOCATION (Street and Number or Rural Route Number, City or Town, State)

SEE DEFINITION ON OTHER SIDE

CERTIFIER

31a. CERTIFIER (Check only one)
☐ CERTIFYING PHYSICIAN (Physician certifying cause of death when another physician has pronounced death and completed Item 23)
To the best of my knowledge, death occurred due to the cause(s) and manner as stated.
☐ PRONOUNCING AND CERTIFYING PHYSICIAN (Physician both pronouncing death and certifying to cause of death)
To the best of my knowledge, death occurred at the time, date, and place, and due to the cause(s) and manner as stated.
☐ MEDICAL EXAMINER/CORONER
On the basis of examination and/or investigation, in my opinion, death occurred at the time, date, and place, and due to the cause(s) and manner as stated.
31b. SIGNATURE AND TITLE OF CERTIFIER ▶
31c. LICENSE NUMBER
31d. DATE SIGNED (Month, Day, Year)

32. NAME AND ADDRESS OF PERSON WHO COMPLETED CAUSE OF DEATH (ITEM 27) (Type/Print)

REGISTRAR

33. REGISTRAR'S SIGNATURE ▶
34. DATE FILED (Month, Day, Year)

PHS-T-003

DEPARTMENT OF HEALTH AND HUMAN SERVICES – PUBLIC HEALTH SERVICE – NATIONAL CENTER FOR HEALTH STATISTICS – 1989 REVISION

Figure 7-A. U.S. Standard Certificate of Death

TYPE/PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE HANDBOOK

U.S. STANDARD

REPORT OF FETAL DEATH

STATE FILE NUMBER

1. FACILITY NAME *(If not institution, give street and number)*

2. CITY, TOWN, OR LOCATION OF DELIVERY | 3. COUNTY OF DELIVERY | 4. DATE OF DELIVERY *(Month,Day,Year)* | 5. SEX OF FETUS

PARENTS

6a. MOTHER'S NAME *(First,Middle,Last)* | 6b. MAIDEN SURNAME | 7. DATE OF BIRTH *(Month,Day,Year)*

8a. RESIDENCE-STATE | 8b. COUNTY | 8c. CITY, TOWN, OR LOCATION | 8d. STREET AND NUMBER

8e. INSIDE CITY LIMITS? *(Yes or no)* | 8f. ZIP CODE | 9. FATHER'S NAME *(First,Middle,Last)* | 10. DATE OF BIRTH *(Month,Day,Year)*

	11. OF HISPANIC ORIGIN? (Specify No or Yes—If yes, specify Cuban, Mexican, Puerto Rican, etc.)	12. RACE—American Indian, Black, White, etc. *(Specify below)*	13. EDUCATION *(Specify only highest grade completed)* Elementary/Secondary (0-12)	13. EDUCATION College (1-4 or 5+)	14. OCCUPATION AND BUSINESS/INDUSTRY *(Worked during last year)* Occupation	Business/Industry
MOTHER	11a. ☐ No ☐ Yes Specify:	12a.	13a.		14a.	14b.
FATHER	11b. ☐ No ☐ Yes Specify:	12b.	13b.		14c.	14d.

MULTIPLE BIRTHS Enter State File Number for Mate(s)

LIVE BIRTH(S)

FETAL DEATH(S)

15. PREGNANCY HISTORY *(Complete each section)*			16. MOTHER MARRIED? (At delivery, conception, or any time between) *(Yes or no)*	17. DATE LAST NORMAL MENSES BEGAN *(Month,Day,Year)*
LIVE BIRTHS		OTHER TERMINATIONS *(Spontaneous and induced at any time after conception)*		
15a. Now Living Number ____ ☐ None	15b. Now Dead Number ____ ☐ None	15d. *(Do not include this fetus)* Number ____ ☐ None	18. MONTH OF PREGNANCY PRENATAL CARE BEGAN—First, Second, Third, etc. *(Specify)*	19. PRENATAL VISITS—Total Number *(If none, so state)*
			20. WEIGHT OF FETUS *(Specify Unit)*	21. CLINICAL ESTIMATE OF GESTATION *(Weeks)*
15c. DATE OF LAST LIVE BIRTH *(Month,Year)*		15e. DATE OF LAST OTHER TERMINATION *(Month,Year)*	22a. PLURALITY—Single, Twin, Triplet, etc. *(Specify)*	22b. IF NOT SINGLE BIRTH—Born First, Second, Third, etc. *(Specify)*

MEDICAL AND HEALTH INFORMATION

23a. MEDICAL RISK FACTORS FOR THIS PREGNANCY *(Check all that apply)*

Anemia (Hct. < 30/Hgb. < 10) ..... 01 ☐
Cardiac disease ..... 02 ☐
Acute or chronic lung disease ..... 03 ☐
Diabetes ..... 04 ☐
Genital herpes ..... 05 ☐
Hydramnios/Oligohydramnios ..... 06 ☐
Hemoglobinopathy ..... 07 ☐
Hypertension, chronic ..... 08 ☐
Hypertension, pregnancy-associated ..... 09 ☐
Eclampsia ..... 10 ☐
Incompetent cervix ..... 11 ☐
Previous infant 4000+ grams ..... 12 ☐
Previous preterm or small-for-gestational-age infant ..... 13 ☐
Renal disease ..... 14 ☐
Rh sensitization ..... 15 ☐
Uterine bleeding ..... 16 ☐
None ..... 00 ☐
Other _____ 17 ☐ *(Specify)*

23b. OTHER RISK FACTORS FOR THIS PREGNANCY *(Complete all items)*

Tobacco use during pregnancy ..... Yes ☐ No ☐
Average number cigarettes per day ____
Alcohol use during pregnancy ..... Yes ☐ No ☐
Average number drinks per week ____
Weight gained during pregnancy ____ lbs.

24. OBSTETRIC PROCEDURES *(Check all that apply)*

Amniocentesis ..... 01 ☐
Electronic fetal monitoring ..... 02 ☐
Induction of labor ..... 03 ☐
Stimulation of labor ..... 04 ☐
Tocolysis ..... 05 ☐
Ultrasound ..... 06 ☐
None ..... 00 ☐
Other _____ 07 ☐ *(Specify)*

25. COMPLICATIONS OF LABOR AND/OR DELIVERY *(Check all that apply)*

Febrile (>100°F, or 38°C.) ..... 01 ☐
Meconium, moderate/heavy ..... 02 ☐
Premature rupture of membrane (>12 hours) ..... 03 ☐
Abruptio placenta ..... 04 ☐
Placenta previa ..... 05 ☐
Other excessive bleeding ..... 06 ☐
Seizures during labor ..... 07 ☐
Precipitous labor (< 3 hours) ..... 08 ☐
Prolonged labor (>20 hours) ..... 09 ☐
Dysfunctional labor ..... 10 ☐
Breech/Malpresentation ..... 11 ☐
Cephalopelvic disproportion ..... 12 ☐
Cord prolapse ..... 13 ☐
Anesthetic complications ..... 14 ☐
Fetal distress ..... 15 ☐
None ..... 00 ☐
Other _____ 16 ☐ *(Specify)*

26. METHOD OF DELIVERY *(Check all that apply)*

Vaginal ..... 01 ☐
Vaginal birth after previous C-section ..... 02 ☐
Primary C-section ..... 03 ☐
Repeat C-section ..... 04 ☐
Forceps ..... 05 ☐
Vacuum ..... 06 ☐
Hysterotomy/Hysterectomy ..... 07 ☐

27. CONGENITAL ANOMALIES OF FETUS *(Check all that apply)*

Anencephalus ..... 01 ☐
Spina bifida/Meningocele ..... 02 ☐
Hydrocephalus ..... 03 ☐
Microcephalus ..... 04 ☐
Other central nervous system anomalies *(Specify)* _____ 05 ☐
Heart malformations ..... 06 ☐
Other circulatory/respiratory anomalies *(Specify)* _____ 07 ☐
Rectal atresia/stenosis ..... 08 ☐
Tracheo esophageal fistula/Esophageal atresia ..... 09 ☐
Omphalocele/Gastroschisis ..... 10 ☐
Other gastrointestinal anomalies *(Specify)* _____ 11 ☐
Malformed genitalia ..... 12 ☐
Renal agenesis ..... 13 ☐
Other urogenital anomalies *(Specify)* _____ 14 ☐
Cleft lip/palate ..... 15 ☐
Polydactyly/Syndactyly/Adactyly ..... 16 ☐
Club foot ..... 17 ☐
Diaphragmatic hernia ..... 18 ☐
Other musculoskeletal/integumental anomalies *(Specify)* _____ 19 ☐
Down's syndrome ..... 20 ☐
Other chromosomal anomalies *(Specify)* _____ 21 ☐
None ..... 00 ☐
Other _____ 22 ☐ *(Specify)*

CAUSE OF FETAL DEATH

28. Enter only one cause per line for a, b, and c.

PART I. Fetal or maternal condition directly causing fetal death.
a. IMMEDIATE CAUSE — Specify Fetal or Maternal

Fetal and/or maternal conditions, if any, giving rise to the immediate cause(s), stating the underlying cause last.
b. DUE TO (OR AS A CONSEQUENCE OF): — Specify Fetal or Maternal
c. DUE TO (OR AS A CONSEQUENCE OF): — Specify Fetal or Maternal

PART II. Other significant conditions of fetus or mother contributing to fetal death but not resulting in the underlying cause given in Part I.

29. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN *(Specify)*

30. ATTENDANT'S NAME AND TITLE *(Type/Print)*
Name _____
☐ M.D. ☐ D.O. ☐ C.N.M. ☐ Other Midwife
☐ Other *(Specify)* _____

31. NAME AND TITLE OF PERSON COMPLETING REPORT *(Type/Print)*
Name _____
Title _____

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PHS-T-007

Figure 7-B. U.S. Standard Report of Fetal Death

systems for death registrations, the death-registration area continued to expand until 1933, when it included the entire United States for the first time. Tables showing data for death-registration States include the District of Columbia for all years; registration cities in nonregistration States are not included. For more details on the history of the death-registration area, see the *Vital Statistics of the United States, 1979*, Volume II, Mortality, Part A, section 7, pages 3 and 4 and *Vital Statistics of the United States, 1950*, Volume I, chapter 1, pages 2–19. Statistics on fetal deaths were first published for the birth-registration area in 1918 and then every year beginning with 1922.

Classification of data

The principal value of vital statistics data is realized through the presentation of rates, which are computed by relating the vital events of a class to the population of a similarly defined class. Vital statistics and population statistics must therefore be classified according to similarly defined systems and tabulated in comparable groups. Even when the variables common to both, such as geographic area, age, sex, and race, have been similarly classified and tabulated, differences between the enumeration method of obtaining population data and the registration method of obtaining vital statistics data may result in significant discrepancies.

The general rules used in the classification of geographic and personal items for deaths and fetal deaths for 1990 are set forth in two NCHS instruction manuals (2,3). A discussion of the classification of certain important items is presented below.

Classification by occurrence and residence

Tabulations for the United States and specified geographic areas in this volume are classified by place of residence unless stated as by place of occurrence. Before 1970, resident mortality statistics for the United States included all deaths occurring in the United States, with deaths of "nonresidents of the United States" assigned to place of death. "Deaths of nonresidents of the United States" refers to deaths that occur in the United States of nonresident aliens; nationals residing abroad; and residents of Puerto Rico, the Virgin Islands, Guam, and other territories of the United States. Beginning with 1970, deaths of nonresidents of the United States are not included in tables by place of residence.

Tables by place of occurrence, on the other hand, include deaths of both residents and nonresidents of the United States. Consequently, for each year beginning with 1970, the total number of deaths in the United States by place of occurrence was somewhat greater than the total by place of residence. For 1990, this difference amounted to 3,427 deaths. Mortality statistics by place of occurrence are shown in tables 1-11, 1-19, 1-20, 1-30, 1-31, 1-32, 3-1, 3-6, 8-1, and 8-7.

Before 1970, except for 1964 and 1965, deaths of nonresidents of the United States occurring in the United States were treated as deaths of residents of the exact place of occurrence, which in most instances was an urban area. In 1964 and 1965, deaths of nonresidents of the United States occurring in the United States were allocated as deaths of residents of the balance of the county in which they occurred.

Residence error—Results of a 1960 study showed that the classification of residence information on the death certificates corresponded closely to the residence classification of the census records for the decedents whose records were matched (4).

A comparison of the results of this study of deaths with those for a previous matched record study of births (5) showed that the quality of residence data had improved considerably between 1950 and 1960. Both studies found that events in urban areas were overstated by the NCHS classification in comparison with the U.S. Bureau of the Census classification. The magnitude of the difference was substantially less for deaths in 1960 than it was for births in 1950.

The improvement is attributed to an item added in 1956 to the U.S. Standard Certificates of Birth and of Death, asking whether residence was inside or outside city limits. This new item aided in properly allocating the residence of persons living near cities but outside the corporate limits.

Geographic classification

The rules followed in the classification of geographic areas for deaths and fetal deaths are contained in the two instruction manuals referred to previously (2,3). The geographic codes assigned by the NCHS during data reduction of source information on birth, death, and fetal-death records are given in another instruction manual (6). Beginning with 1982 data, the geographic codes were modified to reflect results of the 1980 census. For 1970–81, codes are based on results of the 1970 census.

Metropolitan statistical areas—The Metropolitan statistical areas (MSA's) and Primary metropolitan statistical areas (PMSA's) used in this volume are those established by the U.S. Office of Management and Budget as of April 1, 1990, and used by the U.S. Bureau of the Census (7), except in the New England States.

Outside the New England States, an MSA has either a city with a population of at least 50,000 or a Bureau of the Census urbanized area of at least 50,000 and a total MSA population of at least 100,000. A PMSA consists of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links and has a population over 1 million. When PMSA's are defined, the larger area of which they are component parts is designated a Consolidated Metropolitan Statistical Area (CMSA) (8).

In the New England States, the U.S. Office of Management and Budget uses towns and cities rather than counties as geographic components of MSA's and PMSA's. However, NCHS cannot use this classification for these States because its data are not coded to identify all towns. Instead, NCHS uses New England County Metropolitan Areas (NECMA's). Made up of county units, these areas are established by the U.S. Office of Management and Budget (9).

Metropolitan and nonmetropolitan counties—Independent cities and counties included in MSA's and PMSA's or in

NECMA's are included in data for metropolitan counties; all other counties are classified as nonmetropolitan.

Population-size groups—In 1990, vital statistics data for cities and certain other urban places were classified according to the population enumerated in the 1980 Census of Population. Data are available for individual cities and other urban places of 10,000 or more population. Data for the remaining areas not separately identified are shown in the tables under the heading "balance of area" or "balance of county." For the years 1970–81, classification of areas was determined by the population enumerated in the 1970 Census of Population. Beginning with 1982 data, some urban places identified in previous reports were deleted and others were added because of changes occurring in the enumerated population between 1970 and 1980.

Urban places other than incorporated cities for which vital statistics data are shown in this volume include the following:

- Each town in the New England States, New York, and Wisconsin and each township in Michigan, New Jersey, and Pennsylvania that had no incorporated municipality as a subdivision and had either 25,000 inhabitants or more, or a population of 10,000 to 25,000 and a density of 1,000 persons or more per square mile.
- Each county in States other than those indicated above that had no incorporated municipality within its boundary and had a density of 1,000 persons or more per square mile. (Arlington County, Virginia, is the only county classified as urban under this rule.)
- Each place in Hawaii with a population of 10,000 or more has no incorporated cities in the State.

Before 1964, places were classified as "urban" or "rural." The technical appendixes for earlier years discuss the previous classification system.

State or country of birth

Mortality statistics by State or country of birth (table 1-36) became available beginning with 1979. State or country of birth of a decedent is assigned to 1 of the 50 States or the District of Columbia; or to Puerto Rico, the Virgin Islands, or Guam—if specified on the death certificate. The place of birth is also tabulated for Canada, Cuba, Mexico, and for the Remainder of the World. Deaths for which information on State or country of birth was unknown, not stated, or not classifiable accounted for a small proportion of all deaths in 1990, about 1.1 percent.

Early mortality reports published by the U.S. Bureau of the Census contained tables showing nativity of parents as well as nativity of decedent. Publication of these tables was discontinued in 1933. Mortality data showing nativity of decedent were again published in annual reports for 1939–41 and for 1950.

Age

The age recorded on the death record is the age at last birthday. With respect to the computation of death rates, the age classification used by the U.S. Bureau of the Census is based also on the age of the person in completed years.

For computation of age-specific and age-adjusted death rates, deaths with age not stated are excluded. For life table computation, deaths with age not stated are distributed proportionately.

Race

For vital statistics in the United States in 1990, deaths are classified by race—white, black, American Indian, Chinese, Hawaiian, Japanese, Filipino, Other Asian or Pacific Islander, and Other. Mortality data for Filipino and Other Asian or Pacific Islander were shown for the first time in 1979.

The white category includes, in addition to persons reported as white, those reported as Mexican, Puerto Rican, Cuban, and all other Caucasians. The American Indian category includes American, Alaskan, Canadian, Eskimo, and Aleut. If the racial entry on the death certificate indicates a mixture of Hawaiian and any other race, the entry is coded to Hawaiian. If the race is given as a mixture of white and any other race, the entry is coded to the appropriate nonwhite race. If a mixture of races other than white is given (except Hawaiian), the entry is coded to the first race listed. This procedure for coding the first race listed has been used since 1969. Before 1969, if the entry for race was a mixture of black and any other race except Hawaiian, the entry was coded to black.

Most of the tables in this volume, however, do not show data for this detailed classification by race. In all the tables, the divisions are white, all other (including black), and black separately.

Race not stated—For 1990, the number of death records for which race was unknown, not stated, or not classifiable was 5,424, or 0.3 percent of the total deaths. Death records with race entry not stated are assigned to a racial designation as follows: If the preceding record is coded white, the code assignment is made to white; if the code is other than white, the assignment is made to black. Before 1964, all records with race not stated were assigned to white except records of residents of New Jersey for 1962–64.

New Jersey, 1962–64—New Jersey omitted the race item from its certificates of live birth, death, and fetal death used in the beginning of 1962. The item was restored during the latter part of 1962. However, the certificate revision without the race item was used for most of 1962 as well as 1963. Therefore, figures by race for 1962 and 1963 exclude New Jersey. For 1964, 6.8 percent of the death records used for residents of New Jersey did not contain the race item.

Adjustments made in vital statistics to account for the omission of the race item in New Jersey for part of the certificates filed during 1962–64 are described in the technical appendixes of the *Vital Statistics of the United States* for each of those data years.

Hispanic origin

Mortality statistics for the Hispanic-origin population are based on information for those States and the District of Columbia that included items on the death certificate to identify Hispanic or ethnic origin of decedents. Data for 1990 were

obtained from the District of Columbia and all States except Louisiana, New Hampshire, and Oklahoma.

Hispanic mortality data were published for the first time in 1984. Generally, the reporting States used items similar to one of two basic formats recommended by NCHS. The first format is directed specifically toward the Hispanic population and appears on the U.S. Standard Certificate of Death as follows:

Was decedent of Hispanic origin?

(Specify No or Yes—If Yes, specify Cuban, Mexican, Puerto Rican, etc.) _____ No _____ Yes

Specify:

The second format is a more general ancestry item and appears as follows:

Ancestry—Mexican, Puerto Rican, Cuban, African, English, Irish, German, Homong, etc., (specify)

For 1990, mortality data in tables 1-37 and 2-21 are based on deaths to residents of all 47 reporting States and the District of Columbia. In tables 1-38, 1-43, and 1-44, mortality data for the Hispanic-origin population are based on deaths to residents of 45 States, New York State (excluding New York City), and the District of Columbia whose data were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. The 45 States are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming. Data for Connecticut and New York City are excluded from tables 1-38, 1-43, and 1-44 because of the large proportion of deaths (in excess of 10 percent) occurring in these geographic areas for which Hispanic origin was not stated or was unknown. Because New York City accounts for about one-half of the deaths to Puerto Ricans, the resulting mortality data may not be comparable with previous years. Louisiana, New Hampshire, and Oklahoma were excluded because their death certificates did not have an Hispanic or ancestry item.

In tables 2-22–2-25, the reporting area is based on deaths to residents of the same 45 States, New York State (excluding New York City), and the District of Columbia whose mortality data for all ages and whose live birth data were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis.

The 45 States, New York State (excluding New York City), and the District of Columbia for which general mortality data are shown in this report accounted for about 89 percent of the Hispanic population in the United States in 1990. This included about 99 percent of the Mexican population, 58 percent of the Puerto Rican population, 92 percent of the Cuban population, and 81 percent of the "Other Hispanic" population (10). Accordingly, some caution should be exercised in generalizing mortality patterns from the reporting area to the Hispanic-origin population (especially Puerto Ricans) of the entire United States. For qualifications regarding infant mortality of the Hispanic-origin population, see "Infant deaths."

Alabama—In 1990 for Alabama, 127 deaths were erroneously coded to Puerto Rican rather than to non-Hispanic. The corresponding number of deaths for Puerto Ricans for 1989 was 15. As a result, the number of deaths for Puerto Ricans for the 45 States, New York State (excluding New York City), and the District of Columbia should be about 2 percent lower than the figures shown.

Marital status

Mortality statistics by marital status (tables 1-34 and 1-35) were published in 1979 for the first time since 1961. (They were previously published in the annual volumes for 1949–51 and 1959–61.) Several reports analyzing mortality by marital status have been published, including the special study based on 1959–61 data (11). Reference to earlier reports is given in the appendix of part B of the 1959–61 special study.

Mortality statistics by marital status are tabulated separately for never married, married, widowed, and divorced. Certificates on which the marriage is specified as being annulled are classified as never married. Where marital status is specified as separated or common-law marriage, it is classified as married. Of the 2,094,183 resident deaths 15 years of age and over in 1990, 10,791 certificates (0.5 percent) had marital status not stated.

Educational attainment

Beginning with the 1989 data year, mortality data on educational attainment are being tabulated from information reported on the death certificate. As a result of the revisions of the U.S. Standard Certificate of Death (1), this item was added to the certificates of a large number of States:

- Decedent's Education (specify only highest grade completed)
- Elementary/Secondary (0–12) College (1–4 or 5+)

Mortality data on educational attainment for 1990 (table 1-45) are based on deaths to residents of 43 States and the District of Columbia. Data for seven States—Georgia, Louisiana, New York, Oklahoma, Rhode Island, South Dakota, and Washington—are excluded from this table because their death certificates did not include an educational attainment item, and New York City data are excluded because the education item on its death certificate was considered not comparable to be used for analysis.

In tables 1-46 and 1-47, the data are based on deaths to residents of 28 States and the District of Columbia whose data were at least 90 percent complete on a place-of-occurrence basis. The 28 States are Alabama, Arizona, California, Colorado, Delaware, Florida, Hawaii, Idaho, Illinois, Iowa, Kansas, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Texas, Utah, Vermont, Wisconsin, and Wyoming. Data for Alaska, Arkansas, Connecticut, Indiana, Kentucky, Maine, Maryland, Mississippi, Nevada, New Jersey,

New Mexico, North Carolina, Tennessee, Virginia, and West Virginia are excluded because more than 10 percent of their death certificates were classified to "unknown educational attainment."

Place of death and status of decedent

Mortality statistics by place of death were published in 1979 for the first time since 1958 (tables 1-30–1-32). In addition, mortality data also were available for the first time in 1979 for the status of decedent when death occurred in a hospital or medical center. The 1990 data were obtained from the following two items appearing on the revised U.S. Standard Certificate of Death (1):

- Item 9a. Place of Death (check only one)
  Hospital: Inpatient, ER/Outpatient, DOA
  Other: Nursing Home, Residence, Other (specify)
- Item 9b. Facility Name (If not institution, give street and number)

Before the 1989 revision of the Standard Certificate of Death, information on place of death and status of decedent could be determined if the hospital or institution indicated Inpatient, Outpatient, ER, and DOA, and if the name of the hospital or institution, which was used to determine the kind of facility, appeared on the certificate. The change to a checkbox format in many States for this item may affect the comparability of data between 1989 and previous years.

Except for Oklahoma, all of the States (including New York City) and the District of Columbia have item 9 (or its equivalent) on their certificates. Louisiana's certificate was revised in 1989, but the computer system was not changed. Therefore, the same detail categories used in 1988 were used in 1989 and 1990. As a result, not all categories were available. For all reporting States and the District of Columbia in the VSCP, NCHS accepts the state definition, classification, or code for hospitals, medical centers, nursing homes, or other institutions.

Effective with data year 1980, the coding of place of death and status of decedent was modified. A new coding category was added: "Death on arrival—hospital, clinic, medical center name not given." Deaths coded to this category are tabulated in tables 1-30–1-32. Had the 1979 coding categories been used, these deaths would have been tabulated as "Place unknown."

California—For the first 5 months of data year 1989, California coded "residence" to "other" for "Place of death."

Mortality by month and date of death

Deaths by month have been tabulated regularly and published in the annual volume for each year beginning with data year 1900. For 1990, deaths by month are shown in tables 1-20, 1-21, 1-24, 1-33, 2-14–2-16, and 3-7.

Date of death was published for the first time for data year 1972. In addition, unpublished data for selected causes by date of death for 1962 are available from NCHS.

Numbers of deaths by date of death in this volume are shown in table 1-33 for the total number of deaths and for the numbers of deaths for the following three causes, for which the greatest interest in date of occurrence of death has been expressed: Motor vehicle accidents, Suicide, and Homicide and legal intervention.

These data show the frequency distribution of deaths for the selected causes by day of the week. They also make it possible to identify holidays with peak numbers of deaths from specified causes.

Report of autopsy

Before 1972, the last year for which autopsy data were tabulated was 1958. Beginning in 1972, all registration areas requested information on the death certificate as to whether an autopsy was performed. For 1990, autopsies were reported on 239,591 death certificates, 11.2 percent of the total (table 1-29).

Information indicating whether autopsy findings were used in determining the cause of death was tabulated for 1972–73 for all but nine registration areas and from 1974–77 for all but eight registration areas. The item "autopsy findings used" was deleted from the 1978 U.S. Standard Certificate of Death.

For nine of the cause-of-death categories shown in table 1-29, autopsies were reported as performed for 50 percent or more of all deaths (Meningococcal infection; Measles; Pregnancy with abortive outcome; Other complications of pregnancy, childbirth, and the puerperium; Symptoms, signs, and ill-defined conditions; Motor vehicle accidents; Suicide; Homicide and legal intervention; and All other external causes). Autopsies were reported for only 7.1 percent of the Major cardiovascular diseases.

Cause of death

Cause-of-death classification—Since 1949, cause-of-death statistics have been based on the underlying cause of death, which is defined as "(a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury" (12).

For each death, the underlying cause is selected from an array of conditions reported in the medical certification section on the death certificate. This section provides a format for entering the cause of death sequentially. The conditions are translated into medical codes through use of the classification structure and the selection and modification rules contained in the applicable revision of the *International Classification of Diseases* (ICD), published by the World Health Organization (WHO). Selection rules provide guidance for systematically identifying the underlying cause of death. Modification rules are intended to improve the usefulness of mortality statistics by giving preference to certain classification categories over others and/or to consolidate two or more conditions on the certificate into one classification category.

As a statistical datum, underlying cause of death is a simple, one-dimensional statistic; it is conceptually easy to understand and a well-accepted measure of mortality. It identifies the initiating cause of death and is therefore most useful to public health officials in developing measures to prevent the onset of the chain of events leading to death. The rules for

selecting the underlying cause of death are included in ICD as a means of standardizing classification, which contributes toward comparability and uniformity in mortality medical statistics among countries.

Tabulation lists—Beginning with data year 1979, the cause-of-death statistics published by NCHS have been classified according to the *Ninth Revision of the International Classification of Diseases* (ICD–9) (12). In addition to specifying that ICD–9 be used, WHO also recommends how the data should be tabulated to promote international comparability. The recommended system for tabulating data in ICD–9 allows countries to construct their mortality and morbidity tabulation lists from the rubrics of the WHO Basic Tabulation List (BTL) if the rubrics from the WHO mortality and morbidity lists, respectively, are included. This tabulation system for the Ninth Revision is more flexible than that of the Eighth Revision, in which specific lists were recommended for tabulating mortality and morbidity data.

The BTL recommended under the Ninth Revision consists of 57 two-digit rubrics that when added equal the "all causes" total. Identified within each two-digit rubric are up to nine three-digit rubrics that are numbered from zero to eight and whose total does not equal the two-digit rubric. The two-digit BTL rubrics 01–46 are used for the tabulation of nonviolent deaths according to ICD categories 001–799. Rubrics relating to chapter 17 (nature-of-injury causes 47–56) are not used by NCHS for selecting underlying cause of death; rather, preference is given to rubrics E47–E56. The 57th two-digit rubric VO is the Supplementary Classification of Factors Influencing Health Status and Contact with Health Services and is not appropriate for the tabulation of mortality data. The WHO Mortality List, a subset of the titles contained in the BTL, consists of 50 rubrics that are the minimum necessary for the national display of mortality data.

Five lists of causes have been developed for tabulation and publication of mortality data in this volume—the Each-Cause List, List of 282 Selected Causes of Death, List of 72 Selected Causes of Death, List of 61 Selected Causes of Infant Death, and List of 34 Selected Causes of Death. These lists were designed to be as comparable as possible with the NCHS lists more recently used under the Eighth Revision. However, complete comparability could not always be achieved.

The Each-Cause List is made up of each three-digit category of the WHO Detailed List to which deaths may be validly assigned and most four-digit subcategories. The list is used for tabulation for the entire United States. The published Each-Cause table does not show the four-digit subcategories provided for Motor vehicle accidents (E810–E825); however, these subcategories that identify persons injured are shown in the accident tables of this report (section 5). Special fifth-digit subcategories also are used in the accident tables to identify place of accident when deaths from nontransport accidents are shown. These are not shown in the Each-Cause table.

The List of 282 Selected Causes of Death is constructed from BTL rubrics 01–46 and E47–E56. Each of the 56 BTL two-digit titles can be obtained either directly or by combining titles in the List. The three-digit level of the BTL is modified more extensively. Where more detail was desired, categories not shown in the three-digit rubrics were added to the List of 282 Selected Causes of Death. Where less detail was needed, the three-digit rubrics were combined. Moreover, each of the 50 rubrics of the WHO Mortality List can be obtained from the List of 282 Selected Causes of Death.

The List of 72 Selected Causes of Death was constructed by combining titles in the List of 282 Selected Causes of Death. It is used in tables published for the United States, for each State, and for metropolitan statistical areas.

The List of 61 Selected Causes of Infant Death shows more detailed titles for Congenital anomalies and Certain conditions originating in the perinatal period than any other list except the Each-Cause List.

The List of 34 Selected Causes of Death was created by combining titles in the List of 72 Selected Causes. A table using this list is published for detailed geographic areas.

Beginning with data for 1987, changes were made in these lists to accommodate the introduction in the United States of new category numbers *042–*044 for Human immunodeficiency virus (HIV) infection. The changes are described in the Technical Appendix from *Vital Statistics for the United States, 1987.*

Effect of list revisions—The International Lists or adaptations of them, used in the United States since 1900, have been revised approximately every 10 years so the disease classifications may be consistent with advances in medical science and with changes in diagnostic practice. Each revision of the International Lists has produced some break in comparability of cause-of-death statistics. Cause-of-death statistics beginning with 1979 are classified by NCHS according to the ICD–9 (12). For a discussion of each of the classifications used with death statistics since 1900, see *Vital Statistics of the United States, 1979*, Volume II, Mortality, Part A, section 7, pages 9–14.

A dual coding study was undertaken in which the Ninth and the Eighth Revisions were compared to measure the extent of discontinuity in cause-of-death statistics resulting from introducing the new Revision. A study for the List of 72 Selected Causes of Death and the List of 10 Selected Causes of Infant Death has been published (13). The List of 10 Selected Causes of Infant Death is a basic NCHS tabulation list not used in this volume but used for provisional data in the *Monthly Vital Statistics Report*, another NCHS publication. Comparability studies were also undertaken between the Eighth and Seventh, Seventh and Sixth, and Sixth and Fifth Revisions. For additional information about these studies, see the Technical Appendix from *Vital Statistics for the United States, 1979.*

Significant coding changes under the Ninth Revision—Since the implementation of ICD–9 in the United States, effective with mortality data for 1979, several coding changes have been introduced. The more important changes are discussed as follows. In early 1983, a change that affected data from 1981 to 1986 was made in the coding of acquired immunodeficiency syndrome (AIDS) and HIV infection. Also effective with data year 1981 was a coding change for poliomyelitis. For data year 1982, the definition of child was changed (which affects the classification of deaths to a number of categories, including Child battering and other maltreatment), and guidelines for coding deaths to the category Child battering and other maltreatment (ICD category number E967) were

changed also. During the calendar year 1985, detailed instructions for coding motor vehicle accidents involving all-terrain vehicles (ATV's) were implemented to ensure consistency in coding these accidents. Effective with data year 1986, "primary" and "invasive" tumors, unspecified, were classified as "malignant"; these neoplasms had been classified to Neoplasms of unspecified nature (ICD–9 category number 239).

Beginning with data for 1987, NCHS introduced new category numbers *042–*044 for classifying and coding HIV infection, formerly referred to as human T-cell lymphotropic virus-III/lymphadenopathy associated virus (HTLV-III/LAV) infection. The asterisk appearing before the category numbers indicates these codes are not part of ICD–9. Also changed effective with data year 1987 were coding rules for the conditions "dehydration" and "disseminated intravascular coagulopathy." Effective with data year 1988, minor content changes were made to the classification for HIV infection. Detailed discussion of these changes may be found in the technical appendix for previous volumes.

Coding in 1990—The rules and instructions used in coding the 1990 mortality medical data remained essentially the same as those used for the 1988 and 1989 data.

Medical certification—The use of a standard classification list, although essential for State, regional, and international comparison, does not ensure strict comparability of the tabulated figures. A high degree of comparability among areas could be attained only if all records of cause of death were reported with equal accuracy and completeness. The medical certification of cause of death can be made only by a qualified person, usually a physician, a medical examiner, or a coroner. Therefore, the reliability and accuracy of cause-of-death statistics are, to a large extent, governed by the ability of the certifier to make the proper diagnosis and by the care with which he or she records this information on the death certificate.

A number of studies have been undertaken on the quality of medical certification on the death certificate. In general, these have been for relatively small samples and for limited geographic areas. A bibliography prepared by NCHS (14), covering 128 references over 23 years, indicates no definitive conclusions have been reached about the quality of medical certification on the death certificate. No country has a well-defined program for systematically assessing the quality of medical certifications reported on death certificates or for measuring the error effects on the levels and trends of cause-of-death statistics.

One index of the quality of reporting causes of death is the proportion of death certificates coded to the Ninth Revision, Chapter XVI, Symptoms, signs, and ill-defined conditions (ICD–9 category numbers 780–799). Although deaths occur for which it is impossible to determine the underlying cause, this proportion indicates the care and consideration given to the certification by the medical certifier. This proportion also may be used as a rough measure of the specificity of the medical diagnoses made by the certifier in various areas. In 1990, a record low of 1.1 percent of all reported deaths in the United States were assigned to this category compared with 1.3 for 1989. However, trends in the percent of deaths assigned to this category vary by age. Although the percent of deaths in this category for all ages combined has generally remained stable since 1980, decreases have occurred for the age group 55–64 years since 1983, for age group 65–74 years since 1982, for age group 75–84 years since 1986, and for 10-year age groups from 15 to 54 years since 1988. Between 1989 and 1990, the percent decreased for all age groups, except for the age group under 1 year of age; the percent for this age group was unchanged.

Automated selection of underlying cause of death—Before data year 1968, mortality medical data were based on manual coding of an underlying cause of death for each certificate in accordance with WHO rules. Effective with data year 1968, NCHS converted to computerized coding of the underlying cause and manual coding of all causes (multiple causes) on the death certificate. This system is called "Automated Classification of Medical Entities" (ACME) (15).

Beginning with data year 1990, another computer system was implemented. This system, called "Mortality Medical Indexing, Classification, and Retrieval" (MICAR) (16,17), automates the coding of the multiple causes of death. The MICAR system is a major and logical step forward in the evolution of processing mortality data. MICAR takes advantage of the increasing capabilities of electronic data processing to produce information that is more consistently handled than manually processed information. In addition, MICAR ultimately will provide more detailed information on the conditions reported on the death certificates than is available in the ICD classification (18). In this first year of implementation, only about 5 percent (94,372) of the Nation's death records were multiple cause coded using MICAR with subsequent processing through ACME. This includes at least a portion of the data from the following States: Alabama, Kentucky, Oregon, Rhode Island, and West Virginia. The remainder of the national file was processed by either NCHS or the States using only the ACME system. Tests have been conducted on the comparability of MICAR and manually-coded records. (See "Medical items on the death certificate.")

The ACME system applies the same rules for selecting the underlying cause as would be applied manually by a nosologist; however, under this system, the computer consistently applies the same criteria, thus eliminating intercoder variation in this step of the process.

The ACME computer program requires the coding of all conditions shown on the medical certification. These codes are matched automatically against decision tables that consistently select the underlying cause of death for each record according to the international rules. The decision tables provide the comprehensive relationships among the conditions classified by ICD when applying the rules of selection and modification.

The decision tables were developed by NCHS staff on the basis of their experience in coding underlying causes of death under the earlier manual coding system and as a result of periodic independent validations. These tables periodically are updated to reflect additional new information on the relationship among medical conditions. For data year 1988, these tables were amended to incorporate minor changes to the previously mentioned classification for HIV infection (*042–*044) that originally had been implemented with data year 1987. Coding procedures for selecting the underlying cause of death by using

the ACME computer program, as well as by using the ACME decision tables, are documented in NCHS instruction manuals (15,19,20).

Cause-of-death ranking—Cause-of-death ranking (except for infants) is based on numbers of deaths assigned to categories in the List of 72 Selected Causes of Death and the category Human immunodeficiency virus infection (*042–*044); cause-of-death ranking for infants is based on the List of 61 Selected Causes of Infant Death and HIV infection. HIV infection was added to the list of rankable causes effective with data year 1987.

The group titles Major cardiovascular diseases and Symptoms, signs, and ill-defined conditions from the List of 72 Selected Causes of Death are not ranked; Certain conditions originating in the perinatal period and Symptoms, signs, and ill-defined conditions from the List of 61 Selected Causes of Infant Death are not ranked. In addition, category titles beginning with the words "Other" or "All other" are not ranked to determine the leading causes of death. When one of the titles representing a subtotal is ranked (such as Tuberculosis), its component parts (in this case, Tuberculosis of respiratory system and Other tuberculosis) are not ranked.

Maternal deaths

Maternal deaths are those for which the certifying physician has designated a maternal condition as the underlying cause of death. Maternal conditions are those assigned to Complications of pregnancy, childbirth, and the puerperium (ICD–9 category numbers 630–676). In the Ninth Revision, WHO for the first time defined a maternal death as follows:

> A maternal death is defined as the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.

Under the Eighth Revision, maternal deaths were assigned to the category "Complications of pregnancy, childbirth, and the puerperium" (ICDA–8 category numbers 630–678). Although WHO did not define maternal mortality, an NCHS classification rule existed that limited the definition of a maternal death to a death that occurred within a year after termination of pregnancy from any "maternal cause," that is, any cause within the range of ICDA–8 category numbers 630–678. This rule applied only if a duration was given for the condition. If no duration was specified and the underlying cause of death was a maternal condition, the duration was assumed to be within a year and the death was coded by NCHS as a maternal death. The change from an under-1-year limitation for duration used in the Eighth Revision to an under-42-days limitation used in the Ninth Revision did not have much effect on the comparability of maternal mortality statistics. However, comparability was affected by the following classification change. Under the Ninth Revision, maternal causes of death have been expanded to include Indirect obstetric causes (ICD–9 category numbers 647–648). These causes include Infective and parasitic conditions as well as other conditions present in the mother and classifiable elsewhere but that complicate pregnancy, childbirth, and the puerperium, such as Syphilis, Tuberculosis, Diabetes mellitus, Drug dependence, and Congenital cardiovascular disorders.

Maternal mortality rates are computed on the basis of the number of live births. The maternal mortality rate indicates the likelihood of a pregnant woman dying of maternal causes. The number of live births used in the denominator is an approximation of the population of pregnant women who are at risk of a maternal death.

Race—Beginning with the 1989 data year, NCHS changed the method of tabulating live birth and fetal death data by race from race of child to race of mother. This resulted in a discontinuity in maternal mortality rates by race between 1989 and 1990 and previous years; see section on "Change in tabulation of race data for live births and fetal deaths" under "Infant deaths."

Infant deaths

Age—Infant death is defined as a death under 1 year of age. The term excludes fetal deaths. Infant deaths usually are divided into two categories according to age, neonatal and postneonatal. Neonatal deaths are those that occur during the first 27 days of life; postneonatal deaths are those that occur between 28 days and 1 year of age. Generally, it has been believed that different factors influencing the child's survival predominate in these two periods: Factors associated with prenatal development, heredity, and the birth process were considered dominant in the neonatal period; environmental factors, such as nutrition, hygiene, and accidents, were considered more important in the postneonatal period. Recently, however, the distinction between these two periods has blurred due in part to advances in neonatology, which have enabled more very small premature infants to survive the neonatal period.

Rates—Infant mortality rates shown in sections 2 and 8 are the most commonly used indices for measuring the risk of dying during the first year of life; they are calculated by dividing the number of infant deaths in a calendar year by the number of live births registered for the same period and are presented as rates per 1,000 or per 100,000 live births. Infant mortality rates use the number of live births in the denominator to approximate the population at risk of dying before the first birthday. This measure is an approximation because some live births will not have been exposed to a full year's risk of dying and some of the infants who die during a year will have been born in the previous year. The error introduced in the infant mortality rate by this inexactness is usually small, especially when the birth rate is relatively constant from year to year (21,22). Other sources of error in the infant mortality rate have been attributed to differences in applying the definitions for infant death and fetal death when registering the event (23,24).

In contrast to infant mortality rates based on live births, infant death rates shown in section 1 are based on the estimated population under 1 year of age. Infant death rates, which appear in tabulations of age-specific death rates, are calculated by dividing the number of infant deaths in a calendar year by the estimated midyear population of persons under 1 year of age

and are presented as rates per 100,000 population in this age group. Patterns and trends in the infant death rate may differ somewhat from those of the more commonly used "infant mortality rate," mainly because of differences in the nature of the denominator and in the time reference. Whereas the population denominator for the infant death rate is estimated using data on births, infant deaths, and migration for the 12-month period of July–June, the denominator for the infant mortality rate is a count of births occurring during the 12 months of January–December. The difference in the time reference can result in different trends between the two indices during periods when birth rates are moving up or down markedly.

The infant death rate also is subject to greater imprecision than is the infant mortality rate because of problems of enumerating and estimating the population under 1 year of age (24).

Change in tabulation of race data for live births and fetal deaths—Beginning with the 1989 data year, NCHS changed the method of tabulating live birth and fetal death data by race from race of child to race of mother. This results in infant, fetal, perinatal, and maternal mortality rates for 1989 that are not comparable with those published for previous years, because live births comprise the denominator of these rates. To facilitate continuity and ease of interpretation, key published tables for 1989 and 1990, including all trend tables, will show data computed on the basis of live births and fetal deaths tabulated by both race of mother and race of child. This will make it possible to distinguish the effects of this change from real changes in the data.

As in previous years, race for infant and maternal deaths (the numerator of the rate) is tabulated by the race of the decedent. For fetal and perinatal mortality rates, the numerator and the denominator of the rates are affected because the change to race of mother affects fetal deaths and live births.

As noted in detail in the Technical Appendix from *Vital Statistics of the United States, 1989*, Volume I, Natality, data on live births and fetal deaths are tabulated by the race of the mother. When the race of the mother is unknown, the race of the mother is assigned to the father's race; when information for both parents is missing, the race of the mother is assigned to the specific race of the mother of the preceding record with known race. In previous years, birth and fetal death tabulations were calculated by race of child as determined statistically by an algorithm based on information reported for the mother and father. In cases of mixed parentage where only one parent was white, the child was assigned to the other parent's race. When neither parent was white, the child was assigned the race of the father, except if either parent was Hawaiian, the child was assigned to Hawaiian. If race was not reported for one parent, the child was assigned the race of the parent for whom race was given.

The change in the tabulation of live births and fetal deaths by race reflects three factors over the past two decades: the topical content of the birth certificate has been expanded to include considerable health and demographic information related to the mother, the increasing incidence of interracial parentage, and the growing proportion of births for which the race of the father is not reported.

Quantitatively, the change in the basis for tabulating live births and fetal deaths by race results in more white births and fetal deaths and fewer to the black population and to other races. Consequently, infant, fetal, perinatal, and maternal mortality rates under the new classification tend to be lower for white infants and higher for infants of other races (table A). In general, discontinuities are larger for infant and maternal mortality rates, where only the denominator of the rate is affected by the change, than for fetal and perinatal mortality rates, where the numerator and the denominator are affected. For some minority race groups, the effect of the change is quite large.

The change in the race classification of live births and fetal deaths presents challenges to those analyzing infant, fetal, perinatal, and maternal mortality data, particularly trend data. To facilitate analysis of infant mortality by race, reports will be prepared showing historic data tabulated by race of mother.

Comparison of race data from birth and death certificates—Regardless of whether vital events are tabulated by race of mother or by race of child, inconsistencies exist in reporting race for the same infant between birth and death certificates, based on results of studies in which race on the birth and death certificates for the same infant were compared (25).

These reporting inconsistencies can result in systematic biases in infant mortality rates by specified race, in particular, underestimates for specified races other than white or black. In the computation of race-specific infant mortality rates published in *Vital Statistics of the United States*, the race item for the numerator comes from the death certificate, and for the denominator, from the birth certificate. Biases in the rates may arise

Table A. Ratio of infant, neonatal, postneonatal, maternal, and perinatal mortality rates with race for live births tabulated according to race of mother to those with race for live births tabulated according to race of child: United States, 1990

Race	Infant deaths	Neonatal deaths	Postneonatal deaths	Maternal deaths	Fetal deaths	Perinatal definition		
						I	II	III
All races	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
White	0.99	0.98	1.00	1.00	1.00	0.99	0.98	0.99
Black	1.06	1.06	1.05	1.00	1.02	1.04	1.04	1.04
American Indian	1.26	1.26	1.26	*	1.06	1.13	1.13	1.12
Chinese	1.08	1.04	1.09	*	1.00	1.00	1.04	1.04
Japanese	1.20	1.19	*	*	0.96	1.02	1.04	1.03
Hawaiian	1.44	1.42	1.46	*	1.04	1.16	1.21	1.19
Filipino	1.03	1.06	1.09	*	1.00	1.04	1.03	1.03
Other Asian	1.10	1.06	1.05	*	1.03	1.03	1.06	1.06
Other races	*	*	*	*	1.23	1.25	1.24	1.23

Table B. Infant mortality rates by race of mother for the period 1985–87 and for birth cohorts, 1985–87; and ratio of birth cohort to period rates: United States

[Rates per 1,000 live births in specified groups]

Race	Period rate 1985–87	Birth cohort rate 1985–87	Ratio cohort/ period rates
All races	10.4	10.1	0.97
White	8.8	8.5	0.97
Black	18.9	18.2	0.96
American Indian	12.2	13.3	1.09
Chinese	5.5	6.0	1.09
Japanese	5.3	6.6	1.25
Filipino	5.1	7.2	1.41
Other Asian and Pacific Islander	7.0	8.3	1.19

NOTE: Births for race not stated are not distributed.

because of possible inconsistencies in reporting race on these two vital records. Race of the mother and father is reported on the birth certificate by the mother at the time of delivery; whereas race of the deceased infant is reported on the death certificate by the funeral director based on observation or on information supplied by an informant, such as a parent. Previous studies have noted the race for an infant who died and was of a smaller minority race group is sometimes reported as white on the death certificate, but is reported as the minority race group on the birth certificate, resulting, in the aggregate, in understatement of infant mortality for smaller race groups (25).

Estimates can be made of the degree of bias in race-specific infant mortality rates by comparing rates for birth cohorts based on the newly available linked birth and infant death data set (26,27) with period rates based on mortality data published in *Vital Statistics of the United States* for the same year(s).

The comparison of cohort and period rates is somewhat affected by small differences in the events included in the numerators of the two rates. The numerator of the cohort rate is comprised of infant deaths to the cohort of infants born in a calendar year whereas the numerator of the period rate is comprised of infant deaths occurring in the calendar year.

Based on data comparing infant mortality rates from the linked data set for the birth cohorts of 1985–87 with period rates constructed for 1985–87, bias in the rates for the two major race groups—white and black—is small (table B). However, cohort rates for the smaller race groups are estimated to be higher than period rates by 9 to 41 percent. Cohort rates have not been adjusted to reflect the approximately 2 percent of infant death records that were not linked to their corresponding birth records. Because of systematic understatement of infant mortality rates based on period data, data from the national linked files should be used to measure infant mortality for races other than black and white. For the major race groups, period data are a close approximation of the rates based on linked files.

Hispanic origin—Infant mortality rates for the Hispanic-origin population are based on numbers of resident infant deaths reported to be of Hispanic origin and numbers of resident live births by Hispanic origin of mother for the 45 States, New York State (excluding New York City), and the District of Columbia. In computing infant mortality rates, deaths and live births of unknown origin are not distributed among the specified Hispanic and non-Hispanic groups. Because the percent of infant deaths of unknown origin for 1990 was 1.6 percent and the percent of live births of unknown origin was 1.0 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin are slightly underestimated.

Caution should be exercised when comparing infant mortality rates among the Hispanic populations (especially Puerto Ricans) and non-Hispanic populations for 1990. Because the percent unknown origin for all ages for New York City was about 19 percent on a place-of-occurrence basis, infant mortality data for New York City was excluded from tables 2-22–2-25. The percent unknown origin on a place-of-residence basis for infant deaths for New York City for 1990 was about 28 percent (about 5 percent for live births). Also, because New York City accounted for about 33 percent of the live births to Puerto Ricans in the United States in 1990, excluding the data

Table C. Infant mortality rates by specified Hispanic origin and race for non-Hispanic origin for three methods of allocating "unknown origins": Total of 45 States, New York State (including and excluding New York City), and the District of Columbia, 1990

[Rate per 1,000 live births in specific group]

Method and area	All origins	Hispanic					Non-Hispanic		
		Total	Mexican	Puerto Rican	Cuban[1]	Other Hispanic	Total[2]	White	Black
No allocation									
45 States, New York (excluding New York City), D.C.	9.1	7.8	7.7	10.2	7.6	7.2	9.3	7.4	17.9
45 States, New York (including New York City), D.C.	9.2	7.7	7.7	8.7	7.2	7.2	9.3	7.4	17.7
Proportional allocation of all areas combined									
45 States, New York (excluding New York City), D.C.	9.1	7.8	7.8	10.3	7.6	7.2	9.4	7.5	18.0
45 States, New York (including New York City), D.C.	9.2	7.8	7.8	8.8	7.4	7.4	9.5	7.6	18.1
Proportional allocation for each area and summed									
45 States, New York (excluding New York City), D.C.	9.1	7.8	7.8	10.3	7.6	7.2	9.4	7.5	18.1
45 States, New York (including New York City), D.C.	9.2	7.9	7.7	9.4	7.3	7.7	9.5	7.5	18.3

[1]Includes Central and South American and Other and unknown Hispanic.
[2]Includes races other than white and black.

for New York City may have an impact on infant mortality rates for the Hispanic population, especially for Puerto Ricans.

Table C shows the effects of including and excluding infant deaths and live births for New York City for 1990 in the infant mortality rates for the total area using three methods. The three methods are as follows: (a) No allocation of infant deaths (or live births), (b) proportional allocation of infant deaths (and live births) for all geographic areas combined, and (c) proportional allocation of infant deaths (and live births) for each geographic area separately and then combined for the total area.

Proportional allocation assumes that the percent distribution of deaths (and live births) of unknown origin is the same as for deaths (and live births) of known origin.

Method c is believed to be the best method for comparing the impact of including or excluding data for New York City, because of geographic variation in the race and ethnic composition of the population. For method c and using the rates excluding New York City as the base, the difference in infant mortality rates is no greater than 1 percent between including and excluding New York City for all origins, total Hispanic, Mexican, total non-Hispanic, non-Hispanic white, and non-Hispanic black. However, the difference is about 10 percent for Puerto Ricans, 7 percent for Other Hispanic, and 4 percent for Cubans. It is unclear whether including or excluding New York City data produces the better rates.

In addition, as discussed above for specified races, period infant mortality rates for specific Hispanic-origin groups tend to be underestimated when compared with rates based on the national linked birth and infant death data set as shown in table D. Comparisons also are affected by the approximate 2 percent of infant death records that are not linked to the corresponding birth records.

Caution should be exercised when generalizing from the ratios of cohort-to-period rates for 1986–87 with data for 1990, because the area for Hispanic data has expanded from 18 States and the District of Columbia in 1986–87 to 45 States, New York State (excluding New York City), and the District of Columbia in 1990. The Hispanic area for 1986–87 included Arizona, Arkansas, California, Colorado, District of Columbia, Georgia, Hawaii, Illinois, Indiana, Kansas, Mississippi, Nebraska, New Jersey, New York, North Dakota, Ohio, Texas, Utah, and Wyoming.

Table D. Infant mortality rates by specified Hispanic origin of mother and race of mother for mothers of non-Hispanic origin for the period 1986–87 and birth cohorts 1986 and 1987 combined; and ratio of birth cohort to period rates: Total of 18 reporting States and the District of Columbia

[Rates per 1,000 live births in specified group. Figures for origin not stated included in "All origins" but not distributed among origin groups]

Origin	Period rate 1986–87	Birth cohort rate 1986–87	Ratio cohort/ period rates
All origins	10.1	9.7	0.96
Hispanic total	8.0	8.3	1.04
Mexican	7.6	7.9	1.04
Puerto Rican	7.9	10.9	1.37
Cuban	6.5	7.9	1.22
Other Hispanic[1]	9.1	8.3	0.91
Non-Hispanic total[2]	9.9	9.9	1.00
Non-Hispanic white	8.3	8.2	0.99
Non-Hispanic black	17.5	17.7	1.01

[1]Includes Central and South American, and Other and unknown Hispanic.
[2]Includes races other than white and black.

Small numbers of infant deaths for specific Hispanic-origin groups can result in infant mortality rates subject to relatively large random variation (see "Random variation in numbers of deaths, death rates, and mortality rates and ratios."

Tabulation list—Causes of death for infants are tabulated according to a list of causes that is different from the list of causes for the population of all ages, except for the Each Cause List. (See "Cause-of-death classification" under "Cause of death.")

California—From 1985 to 1988, data on age at death for California were biased in the categories 1–23 hours and 1 day because of processing errors that affected selected infants who died within 24 hours after birth. Specifically, some infants who died within 1–23 hours of birth were erroneously coded as dying at 1 day after birth. The effect of these errors on national data for the years 1985–88 shown in table 2-4 is negligible. The problem was identified and corrected for 1989 and subsequent years.

Fetal deaths

In May 1950, WHO recommended the following definition of fetal death be adopted for international use:

> Death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (28).

The term "fetal death" was defined on an all-inclusive basis to end confusion arising from the use of such terms as stillbirth, spontaneous abortion, and miscarriage.

Shortly thereafter, this definition was adopted by NCHS as the nationally recommended standard. All registration areas except Puerto Rico have definitions similar to the standard definition (29). Puerto Rico has no formal definition.

As another step toward increasing comparability of data on fetal deaths for different countries, WHO recommended that for statistical purposes fetal deaths be classified as early, intermediate, and late. These groups are defined as follows:

Less than 20 completed weeks of gestation (early fetal deaths) ..... Group I

20 completed weeks of gestation but less than 28 (intermediate fetal deaths) ..... Group II

28 completed weeks of gestation and over (late fetal deaths) ..... Group III

Gestation period not classifiable in groups I, II, and III ..... Group IV

As shown in table 3-11, Group IV consists of fetal deaths with gestation not stated but presumed to be 20 weeks or more.

Until 1939, the nationally recommended procedure for registration of a fetal death required the filing of a live-birth certificate and a death certificate. In 1939, a separate Standard Certificate of Stillbirth (fetal death) was created to replace the former procedure. This was revised in 1949, 1956, 1968, 1978, and 1989. The 1989 U.S. Standard Report of Fetal Death is shown in figure 7-B.

The 1977 revision of the *Model State Vital Statistics Act and Model State Vital Statistics Regulations* (30) recommended spontaneous fetal deaths at a gestation of 20 weeks or more or a weight of 350 grams or more and all induced terminations of pregnancy regardless of gestational age be reported and further be reported on separate forms. These forms should be considered legally required statistical reports rather than legal documents.

Beginning with fetal deaths reported in 1970, procedures were implemented that attempted to separate reports of spontaneous fetal deaths from those of induced terminations of pregnancy. These procedures were implemented because the health implications of spontaneous fetal deaths are different from those of induced terminations of pregnancy. These procedures are still used.

Comparability and completeness of data—Registration area requirements for reporting fetal deaths vary. Most of the areas require reporting of fetal death at gestations of 20 weeks or more. Table E shows the minimum period of gestation required by each State to report fetal death. Substantial evidence exists that indicates some fetal deaths for which reporting is required are not reported (31).

Underreporting of fetal deaths is most likely to occur in the earlier part of the required reporting period for each State. Thus, for States requiring reporting of all periods of gestation, fetal deaths occurring at younger gestational ages are less completely reported. The reporting of fetal deaths at 20–23 weeks of gestation may be more complete for those States that report fetal deaths at all periods of gestation than for others.

To maximize the comparability of data by year and by State, most of the tables in section 3 are based on fetal deaths occurring at gestations of 20 weeks or more. These tables also include fetal deaths for which gestation is not stated for those States requiring reporting at 20 weeks or more gestation only. Beginning with 1969, fetal deaths of not stated gestation were excluded for States requiring reporting of all products of conception except for those with a stated birthweight of 500 grams or more. In 1990, this rule was applied to the following States: Georgia, Hawaii, New York (including New York City), Rhode Island, and Virginia. Each year, there are exceptions to this procedure.

Arkansas—Since 1971, Arkansas has been using two reporting forms for fetal deaths: A confidential Spontaneous Abortion form that is not sent to NCHS and a Fetal Death Certificate that is. During the period 1971–80, it is believed that most spontaneous fetal deaths of less than 20 weeks' gestation were reported on the confidential form and, therefore, were not reported to NCHS. During the period 1981–83, Arkansas specified that fetal deaths of less than 28 weeks' gestation or weighing less than 1,000 grams could be reported on the confidential form; beginning with 1984 data, the State specified that fetal deaths of 20 weeks' gestation or weighing 500 grams be reported on the Fetal Death Certificate. Because of these changes, the comparability of counts of early fetal deaths may be affected. In particular, counts of fetal deaths at 20 to 27 weeks for 1981–83 were not comparable between Arkansas and other reporting areas or with Arkansas data for 1984–90. It is believed that reporting has improved but is still not comparable with data for 1980 and earlier years.

Colorado—Although Colorado State law requires reporting fetal deaths of all periods of gestation, beginning in 1989 the State provides to NCHS only data for fetal deaths of 20 weeks' gestation or more.

Maine—Maine uses two reporting forms for fetal deaths: A Report of Abortion (Spontaneous and Induced) and a Report of Fetal Death. Most spontaneous fetal deaths at less than 20 weeks' gestation are reported on the Report of Abortion, and, therefore, are excluded from fetal death counts in this volume.

Maryland—From the counts of frequencies by month, it appears that not all fetal deaths occurring in the first quarter of 1989 were reported. This may account in part for the lower number of fetal deaths and fetal mortality rates for Maryland for 1989 relative to 1990.

Wisconsin—Beginning in 1986, Wisconsin changed its reporting requirements for spontaneous fetal deaths from "20 weeks" to "20 weeks or 350 grams."

Revised Report of Fetal Death for 1989—Beginning with data for 1989, new items were added to the U.S. Standard Report of Fetal Death, including Hispanic origin of the mother and father, medical and other risk factors of pregnancy, obstetric procedures, and method of delivery. In addition, questions on complications of labor and/or delivery and congenital anomalies of fetus were changed from an open-ended question to a checkbox format to ensure more complete reporting of information. However, because of differences in implementation dates of the new fetal death report for reporting States, and because of inexperience in reporting and processing the new items, reporting of the new items in individual States may be incomplete for 1990. The data quality and completeness of many of these items are being evaluated.

The tabulation of items in the fetal death section is limited to those States whose reporting is sufficiently complete. For fetal deaths, data are published when a State has a response for the item on at least 20 percent of the records.

Period of gestation—The period of gestation is the number of completed weeks elapsed between the first day of the last normal menstrual period (LMP) and the date of delivery. The first day of the LMP is used as the initial date because it can be more accurately determined than the date of conception, which usually occurs 2 weeks after LMP. Data on period of gestation are computed from information on "date of delivery" and "date last normal menses began." If "date last normal menses began" is not on the record or if the calculated gestation falls beyond a duration considered biologically plausible, the "Physician's estimate of gestation" is used.

To improve data quality, beginning with data for 1989, NCHS instituted a new computer edit to check for consistency between gestation and birthweight (32). Briefly, if LMP gestation is inconsistent with birthweight, and the physician's esti-

Table E. Period of gestation at which fetal-death reporting is required: Each reporting area, 1990

Area	*All periods of gestation*	*16 weeks*	*20 weeks*	*20 weeks or 350 grams*	*20 weeks or 400 grams*	*5 months*	*350 grams*	*500 grams*
Alabama			X					
Alaska			X					
Arizona			[1]X					
Arkansas	[2]X							
California			X					
Colorado	[2]X							
Connecticut			X					
Delaware			X					
District of Columbia						X		
Florida			X					
Georgia	X							
Hawaii	X							
Idaho				X				
Illinois			X					
Indiana			X					
Iowa			X					
Kansas								X
Kentucky				X				
Louisiana				X				
Maine	[2]X							
Maryland			[3]X					
Massachusetts				X				
Michigan					X			
Minnesota			X					
Mississippi				X				
Missouri				X				
Montana			X					
Nebraska			X					
Nevada			X					
New Hampshire				X				
New Jersey			X					
New Mexico								X
New York								
New York excluding New York City	X							
New York City	X							
North Carolina			X					
North Dakota			X					
Ohio			X					
Oklahoma			X					
Oregon			[4]X					
Pennsylvania		X						
Rhode Island	X							
South Carolina				X				
South Dakota								
Tennessee								[5]X
Texas			X					
Utah			X					
Vermont			[6]X					
Virginia	X							
Washington			X					
West Virginia			X					
Wisconsin				X				
Wyoming			X					
Puerto Rico							X	
Virgin Islands	X							
Guam			X					

[1]If gestational age is unknown, weight of 350 grams or more.
[2]Although State law requires the reporting of fetal deaths of all periods of gestation, only data for fetal deaths of 20 weeks or more gestation are provided to NCHS.
[3]If gestational age is unknown, weight of 500 grams or more.
[4]If gestational age is unknown, weight of 400 grams or more, or crown-heel length of 28 centimeters or more.
[5]If weight is unknown, 22 completed weeks' gestation or more.
[6]If gestational age is unknown, weight of 400 or more grams, 15 or more ounces.

mate is consistent, the physician's estimate is used; if both are inconsistent, LMP gestation is used, and birthweight is assigned to unknown. When the period of gestation is reported in months on the report, it is allocated to gestational intervals in weeks as follows:

1–3 months to under 16 weeks
4 months to 16–19 weeks
5 months to 20–23 weeks
6 months to 24–27 weeks
7 months to 28–31 weeks
8 months to 32–35 weeks
9 months to 40 weeks
10 months and over to 43 weeks and over

All areas except Puerto Rico reported LMP, and all areas except California, the District of Columbia, Louisiana, Maryland, and Oklahoma reported physician's estimate of gestation. Nebraska also was excluded because of the large proportion of unknown.

Birthweight—Most of the 55 registration areas do not specify how weight should be given, that is, in pounds and ounces or in grams. In the tabulation and presentation of birthweight data, the metric system (grams) has been used to facilitate comparison with other data published in the United States and internationally. Birthweight specified in pounds and ounces is assigned the equivalent of the gram intervals, as follows:

Less than 350 grams	= 0 lb 12 oz or less
350–499 grams	= 0 lb 13 oz–1 lb 1 oz
500–999 grams	= 1 lb 2 oz–2 lb 3 oz
1,000–1,499 grams	= 2 lb 4 oz–3 lb 4 oz
1,500–1,999 grams	= 3 lb 5 oz–4 lb 6 oz
2,000–2,499 grams	= 4 lb 7 oz–5 lb 8 oz
2,500–2,999 grams	= 5 lb 9 oz–6 lb 9 oz
3,000–3,499 grams	= 6 lb 10 oz–7 lb 11 oz
3,500–3,999 grams	= 7 lb 12 oz–8 lb 13 oz
4,000–4,499 grams	= 8 lb 14 oz–9 lb 14 oz
4,500–4,999 grams	= 9 lb 15 oz–11 lb 0 oz
5,000 grams or more	= 11 lb 1 oz or more

With the introduction of ICD–9, the birthweight classification intervals for perinatal mortality statistics were shifted downward by 1 gram as shown above. Previously, the intervals were, for example, 1,001–1,500, 1,501–2,000, and so forth. Beginning in 1989, NCHS instituted a consistency check between birthweight and gestation; see previous section on gestation.

Race—Beginning with data for 1989, NCHS changed the method of tabulating fetal death, perinatal, and live birth data by race from race of child to race of mother. This has resulted in a discontinuity in fetal mortality rates by race between 1989 and 1990 relative to previous years; see "Change in tabulation of race data for live births and fetal deaths" under "Infant deaths."

Hispanic origin of mother—Fetal mortality data for the Hispanic-origin population are based on fetal deaths to mothers of Hispanic origin who were residents of those States and the District of Columbia that included items on the report of fetal death to identify Hispanic or ethnic origin of mother. Data for 1990 were obtained from 44 States and the District of Columbia; areas not supplying data were Louisiana, Maryland, Massachusetts, New Hampshire, Oklahoma, and Rhode Island.

For 1990, fetal and perinatal mortality data in table 3-19 are for 44 States and the District of Columbia and tables 3-20, 4-6, and 4-7 are for 36 States and the District of Columbia that had an item on Hispanic or ethnic origin on the death certificate, birth certificate, and report of fetal death and whose data for all three files were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. The States included are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, West Virginia, Wisconsin, and Wyoming.

The 36 States and the District of Columbia for which fetal and perinatal data by Hispanic origin are shown accounted for about 81 percent of the Hispanic population in 1990, including 93 percent of the Mexican population, 45 percent of the Puerto Rican population, 88 percent of the Cuban population, and 65 percent of the "Other Hispanic" population (10). Accordingly, caution should be exercised in generalizing mortality patterns from the reporting area to the Hispanic-origin population (especially Puerto Ricans) of the entire United States. (See also "Hispanic origin" under "Classification of Data").

Total-birth order—Total-birth order refers to the sum of live births and other terminations (including spontaneous fetal deaths and induced terminations of pregnancy) a woman has had, including the fetal death being recorded. For example, if a woman has given birth to two live babies and to one born dead, the next fetal death to occur is counted as number four in total-birth order.

Beginning with implementation of the 1989 revision of the U.S. Standard Report of Fetal Death, total-birth order is calculated from three items on pregnancy history: number of previous live births now living; number of previous live births now dead; and number of other terminations (spontaneous and induced at anytime after conception). For prior years, total-birth order was calculated from four items, see the Technical Appendix from *Vital Statistics of the United States, 1988*, Volume II, Mortality, Part A.

Although all registration areas use the two standard items pertaining to number of previous live births, registration areas phrase the item on pertaining to other terminations of pregnancy differently. Total-birth order for all areas is calculated from the sum of available information. Thus, information on total-birth order may not be completely comparable among the registration areas. In addition, there may be substantial underreporting of other terminations of pregnancy on the fetal death report.

Marital status—Table 3-3 shows fetal deaths and fetal-death rates by mother's marital status. The following States were excluded from this table because their reports of fetal death did not include an item on marital status: California, Connecticut, Maryland, Michigan, Nevada, New York (including New York City), Ohio, and Texas. Because live births comprise the denominator of the rate, marital status must be reported for mothers of live births also. Marital status of the mother of the live birth is inferred for States that did not report it on the birth certificate.

Beginning with data for 1989, fetal deaths reports with marital status not stated are shown as not stated in frequencies, but are proportionally distributed for rate computations into either the married or unmarried categories according to the percent of fetal death reports with stated marital status that fall into each category for the reporting States. Before 1989, fetal death reports with not-stated marital status were assigned to the married category. Because of this change, fetal death frequencies and rates by marital status for 1989 and 1990 are not strictly comparable with those for previous years.

No quantitative data exist on the characteristics of unmarried women who do not report, misreport their marital status, or fail to register fetal deaths. Underreporting may be greater for the unmarried group than for the married group.

Age of mother—Beginning with data for 1989, the U.S. Standard Report of Fetal Death asks for the mother's date of birth. Age of mother is computed from the mother's date of birth and the date of the termination of the pregnancy. For those States whose certificates do not contain an item for the mother's date of birth, reported age of the mother (in years) is used. The age of the mother is edited in NCHS for upper and lower limits. When mothers are reported to be under 10 years of age or 50 years of age and over, the age of the mother is considered not stated and is assigned as follows: Age on all fetal-death records with age of mother not stated is assigned according to the age appearing on the record previously processed for a mother of identical race and having the same total-birth order (total of live births and other terminations).

Sex of fetus—Beginning with data for 1989, for all fetal deaths of 20 or more weeks gestation, not-stated sex of fetus is assigned the sex of the fetus from the previous record. Before 1989, no such assignment was made.

Plurality—All registration areas except Louisiana report the plurality of the fetus. Although Louisiana has not reported this item for many years, prior to 1989, data for Louisiana was erroneously converted to a plurality of 1 (single birth) and included in United States totals. Beginning with 1989 data, Louisiana is excluded from tables reporting plurality of the fetus. For reporting areas, not-stated plurality of the fetus is assigned to single births.

Perinatal mortality

Perinatal definitions—Beginning with data year 1979, perinatal mortality data for the United States and each State have been published in section 4. WHO recommends in ICD–9, "national perinatal statistics should include all fetuses and infants delivered weighing at least 500 grams (or when birthweight is unavailable, the corresponding gestational age (22 weeks) or body length (25 cm crown-heel)), whether alive or dead...." It further recommends, "countries should present, solely for international comparisons, 'standard perinatal statistics' in which both the numerator and denominator of all rates are restricted to fetuses and infants weighing 1,000 grams or more (or, where birthweight is unavailable, the corresponding gestational age (28 weeks) or body length (35 cm crown-heel))." Because birthweight and gestational age are not reported on the death certificate in the United States, NCHS was unable to adopt these definitions. Three definitions of perinatal mortality are used by NCHS: Perinatal Definition I, generally used for international comparisons, which includes fetal deaths of 28 weeks' gestation or more and infant deaths of less than 7 days; Perinatal Definition II, which includes fetal deaths of 20 weeks' gestation or more and infant deaths of less than 28 days; and Perinatal Definition III, which includes fetal deaths of 20 weeks' gestation or more and infant deaths of less than 7 days.

Variations in fetal death reporting requirements and practices have implications for comparing perinatal rates among States. Because reporting is generally sporadic near the lower limit of the reporting requirement, States that require reporting of all products of pregnancy, regardless of gestation, are likely to have more complete reporting of fetal deaths at 20 weeks or more than those States that do not. The larger number of fetal deaths reported for these "all periods" States may result in higher perinatal mortality rates than those rates reported for States whose reporting is less complete. Accordingly, reporting completeness may account, in part, for differences among the State perinatal rates, particularly differences for Definitions II and III, which use data for fetal deaths at 20–27 weeks.

Not stated—Fetal deaths with gestational age not stated are presumed to be of 20 weeks' gestation or more if the State requires reporting of all fetal deaths at a gestational age of 20 weeks or more or the fetus weighed 500 grams or more in those States requiring reporting of all fetal deaths, regardless of gestational age. For Definition I, fetal deaths at a gestation not stated but presumed to have been of 20 weeks or more are allocated to the category 28 weeks or more, according to the proportion of fetal deaths with stated gestational age that falls into that category. For Definitions II and III, fetal deaths at a presumed gestation of 20 weeks or more are included with those at a stated gestation of 20 weeks or more.

The allocation of not-stated gestational age for fetal deaths is made individually for each State, for metropolitan and nonmetropolitan areas, and separately for the entire United States. Accordingly, the sum of perinatal deaths for the areas according to Definition I may not equal the total number of perinatal deaths for the United States.

Race—Beginning with the 1989 data year, NCHS changed the method of tabulating fetal death and live birth data by race from race of child to race of mother. This has resulted in a discontinuity in perinatal mortality rates by race between 1989 and previous years; see "Change in tabulation of race data for live births and fetal deaths" under "Infant deaths."

Hispanic origin—See "Hispanic origin of mother" under "Fetal deaths."

Quality of data

Completeness of registration

All States have adopted laws requiring the registration of births and deaths and the reporting of fetal deaths. It is believed that more than 99 percent of the births and deaths occurring in this country are registered.

Table F. Numbers of deaths and ratios of deaths for selected causes according to Alaska and NCHS, 1990

[Data by place of occurrence include deaths of nonresidents. Numbers after causes of death are category numbers of the *Ninth Revision International Classification of Diseases*, 1975]

Causes	Alaska	NCHS	Ratio Alaska/NCHS
All causes[1]	2,214	2,216	1.00
Symptoms, signs, and ill-defined conditions .780–799	48	54	0.89
Accidents and adverse effects .E800–E949	395	446	0.89
Motor vehicle accidents .E810–E825	118	102	1.16
All other accidents and adverse effects .E800–E807,E826–E949	277	344	0.81
Suicide .E950–E959	122	71	1.72
Homicide and legal intervention .E960–E978	45	31	1.45
All other external causes .E980–E999	2	6	0.33

[1]For two deaths underlying cause of death was not on the 1990 Alaska file sent to NCHS for evaluation.

Reporting requirements for fetal deaths vary from State to State (see "Comparability and completeness of data"). Overall reporting is not as complete for fetal deaths as for births and deaths, but it is believed to be relatively complete for fetal deaths at a gestation of 28 weeks or more. National statistical data on fetal deaths include only fetal deaths occurring at a stated or presumed gestation of 20 weeks or more.

Massachusetts data

The 1964 statistics for deaths exclude approximately 6,000 deaths registered in Massachusetts, primarily to residents of that State. Microfilm copies of these records were not received by NCHS. Figures for the United States and the New England Division are affected also.

Alabama data

The 1988 statistics for deaths show no deaths assigned to the city of Prattville in Autauga County. The death records that should have been assigned to this area were instead assigned to the Balance of county because of a processing error.

Alaska data

Numbers of deaths occurring in Alaska for each of the years 1988–90 are in error for all causes of death combined and for selected causes because NCHS did not receive changes resulting from amended records. An estimate of the effect of these omissions can be derived by comparing NCHS counts of records processed through the VSCP with counts prepared by the State of Alaska as shown in table F. Differences are concentrated among selected causes of death, principally Symptoms, signs, and ill-defined conditions (ICD–9 category numbers 780–799) and external causes. Differences for other categories in the List of 72 Selected Causes of Death and Human immunodeficiency virus infection did not exceed a total of three deaths.

Quality control procedures

Demographic items on the death certificate—As previously indicated, for 1990 the mortality data for these items were obtained from two sources—photocopies of the original certificates furnished by the Virgin Islands and Guam and records on data tape furnished by the 50 States, the District of Columbia, New York City, and Puerto Rico. For the Virgin Islands and Guam, which sent only copies of the original certificates, the demographic items were coded for 100 percent of the death certificates. The demographic coding for 100 percent of the certificates was independently verified.

As part of the quality control procedures for mortality data, each registration area goes through a calibration period, during which it must achieve the specified error tolerance level of 2 percent per item for 3 consecutive months, based on independent verification by NCHS of a 50-percent sample of that area's records. When the area has achieved the required error tolerance level, a sample of 70–80 records per month is used to monitor quality of coding. All areas providing data on computer tapes before 1990 have achieved the specified error tolerance; accordingly, the demographic items on about 70–80 records per area per month were independently verified by NCHS. The estimated average error rate for all demographic items in 1990 was 0.25 percent.

These verification procedures involve controlling for two types of error (coding and entering into the data record tape) at the same time, and the error rates are a combined measure of both types. It may be assumed that the entering errors are randomly distributed across all items on the record, but this assumption cannot be made as readily for coding errors. Although systematic errors in coding infrequent events may escape detection during sample verification, it is probable some of these errors were detected during the initial period when 50 percent of the file was being verified, thus providing an opportunity to retrain the coders.

Medical items on the death certificate—As is true for demographic data, mortality medical data also are subject to quality control procedures to control for errors of both coding and data entry. Each of the 30 registration areas that furnished NCHS with coded medical information in 1990 according to NCHS specifications had to qualify for sample verification first. During an initial calibration period, the area had to demonstrate that its staff could achieve a specified error tolerance level of less than 5 percent for coding all medical items. After the area had achieved the required error tolerance level, a sample of 70–80 records per month was used to monitor quality of medical coding. For the 30 reporting States, the average coding error rate in 1990 was estimated at just over 4 percent.

For the remaining 20 States, the District of Columbia, New York City, Puerto Rico, the Virgin Islands, and Guam, NCHS coded the medical items for 100 percent of the death records. A 1-percent sample of the records was coded independently for quality control purposes. The estimated average error rate for these areas was about 3 percent.

The ACME system for selecting the underlying cause of death through computer application contributes to the quality control of medical items on the death certificate. (See "Automated selection of underlying cause of death.")

The MICAR system automates the coding of multiple causes of death. The quality of the data produced by MICAR is better than the quality of the data produced using manual multiple cause-of-death coding. The version of MICAR used to process 1990 records processed about 85 percent of the mortality records with an average error rate of 0.42 percent on an underlying-cause basis and a rate of 0.74 percent on a multiple-cause basis.

Demographic items on the report of fetal death—For 1990, all data on fetal deaths, except for New York State (excluding New York City), were coded under contract by the U.S. Bureau of the Census. Coding and entering of information on data tapes were verified on a 100-percent basis because of the relatively small number of records involved.

Other control procedures—After coding and entering on data tape are completed, record counts are balanced against control totals for each shipment of records from a registration area. Editing procedures ensure that records with inconsistent or impossible codes are modified. Inconsistent codes are those, for example, indicating a contradiction between cause of death and age or sex of the decedent. Records so identified during the computer editing process are either corrected by reference to the source record or adjusted by arbitrary code assignment (33). Further, conditions specified on a list of infrequent or rare causes of death are confirmed by the certifier or a State Health Officer. All subsequent operations in tabulating and in preparing tables are verified during the computer processing or by statistical clerks.

Estimates of errors arising from 50-percent sample for 1972

Death statistics for 1972 in this report (excluding fetal-death statistics) are based on a 50-percent sample of all deaths occurring in the 50 States and the District of Columbia. A description of the sample design and a table of the percent errors of the estimated numbers of deaths by size of estimate and total deaths in the area are shown in the Technical Appendix from *Vital Statistics of the United States, 1972*, Volume II, Mortality, Part A.

Computation of rates and other measures

Population bases

The population bases from which death rates shown in this report are computed are prepared by the U.S. Bureau of the Census. Rates for 1940, 1950, 1960, 1970, 1980, and 1990 are based on the population enumerated as of April 1 in the censuses for those years. Rates for all other years use the estimated midyear (July 1) population. Death rates for the United States, individual States, and Metropolitan areas are based on the total resident populations of the respective areas. Except as noted, these populations exclude the Armed Forces abroad but include the Armed Forces stationed in each area.

The resident populations of the birth- and death-registration States for 1900–32, and of the United States for 1900–90, and revised populations for 1981–89 are shown in table 7-1. In addition, the population including Armed Forces abroad is shown for the United States. Table G lists the sources for these populations.

Table G. Source for resident population and population including Armed Forces abroad: Birth- and death-registration States, 1900–32, and United States, 1900–90

Year	Source
1990	U.S. Bureau of the Census, Unpublished data from the 1990 census. 1990 CPH-L-74 and unpublished data consistent with *Current Population Reports*, Series P-25, No. 1095.
1989	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 1057, 1990.
1988	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 1045, 1990.
1986–87	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 1022, Mar. 1988.
1985	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 1000, Feb. 1987.
1984	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 985, Apr. 1986.
1983	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 965, Mar. 1985.
1982	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 949, May 1984.
1981	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 929, May 1983.
1980	U.S. Bureau of the Census, *U.S. Census of Population: 1980, Number of Inhabitants*, PC80-1A1, United States Summary, 1983.
1971–79	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 917, July 1982.
1970	U.S. Bureau of the Census, *U.S. Census of Population: 1970, Number of Inhabitants*, Final Report PC(1)-A1, United States Summary, 1971.
1961–69	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 519, April 1974.
1960	U.S. Bureau of the Census, *U.S. Census of Population: 1960, Number of Inhabitants*, PC(1)-A1, United States Summary, 1964.
1951–59	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 310, June 30, 1965.
1940–50	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 499, May 1973.
1930–39	U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 499, May 1973, and National Office of Vital Statistics, *Vital Statistics Rates in the United States*, 1900–1940, 1947.
1920–29	National Office of Vital Statistics, *Vital Statistics Rates in the United States*, 1900–1940, 1947.
1917–19	Same as for 1930–39.
1900–16	Same as for 1920–29.

In the 1980 and 1990 censuses, a substantial number of persons did not specify a racial group that could be classified as any of the white, black, American Indian, Eskimo, Aleut, Asian, or Pacific Islander categories on the census form (34). In 1980, the number of persons of "Other" race was 6,758,319; in 1990, it was 9,804,847. In both censuses, the large majority of these persons were of Hispanic origin (based on response to a separate question on the form), and many wrote in their Hispanic origin, or Hispanic origin type (for example, Mexican and Puerto Rican) as their race. In 1980 and 1990, persons of unspecified race were allocated to one of the four tabulated racial groups (white, black, American Indian, Asian and Pacific Islander) based on their responses to the Hispanic origin question. These four race categories conform with OMB Directive 15 and are more consistent with the race categories in vital statistics.

In 1980, the allocation of unspecified race was determined using cross-tabulations of age, sex, race, type of Hispanic origin, and county of residence. Persons of Hispanic origin and unspecified race were allocated to either white or black based on their Hispanic origin type. Persons of "Other" race and Mexican origin were categorically assumed to be white, while persons in other Hispanic categories were distributed to white and black pro rata within the county-age-sex group. For "Other-race-not-specified" persons who were not Hispanic, race was allocated to white, black, or Asian and Pacific Islander based on proportions gleaned from sample data. The 20-percent sample (respondents who were enumerated on the longer census form) provided a highly detailed coding of race, which allowed identification of otherwise unidentifiable responses with a specified race category. Thus, allocation proportions were established at the State level and were used to distribute the non-Hispanic persons of "Other" race in the 100-percent tabulations.

In 1990, the race modification procedure was implemented using individual census records. Persons whose race could not be specified were assigned to a racial category using a pool of "race donors" that consisted of persons of specified race who had the identical responses to the Hispanic origin question and who were within the auspices of the same census District Office. As in the 1980 census, it appeared that the underlying assumption made in the 1990 census was that the Hispanic origin response was the major criterion for allocating race. Unlike those responding to the 1980 census who could be assigned only to the racial groups white or black, persons of Hispanic origin, including Mexican, responding to the 1990 census could be assigned to any racial group. Also, in the 1990 census, the non-Hispanic component of "Other" race was allocated primarily on the basis of geography (district office), rather than detailed characteristic.

The means by which respondent's age was determined were fundamentally different for the two censuses; therefore, the problems that necessitated the modification were different. In 1980, respondents reported year of birth and quarter of birth (within year) on the census form. When census results were tabulated, persons born in the first quarter of the year (before April 1) had age equal to 1980 minus year of birth, while persons born in the last three quarters had age equal 1979 minus year of birth.

In 1990, quarter year of birth was not requested on the census form, so direct determination of age from year of birth was not possible. In 1990 census publications, age is based on respondents' direct reports of age at last birthday. This definition proved inadequate for postcensal estimates as it was apparent that many respondents had reported their age at time of either completion of the census form or interview by an enumerator that could occur several months after the April 1 reference data. As a result, age was biased upward. For most respondents, modification was based on a respecification of age, by year of birth, with allocation to first quarter (persons aged 1990 minus year of birth) and last three quarters (aged 1989 minus year of birth) based on a historical series of registered births by month. This process partially restored the 1980 logic for assignment of age. It was not considered necessary to correct for age overstatement and heaping in 1990, because the availability of age and year of birth on the census form had provided the elimination of spurious year-of-birth reports in the census data before modification occurred.

Population for 1990—The population of the United States enumerated by age, race, and sex for 1990 is shown in table 7-2, and the population for each State by broad age groups follows in table 7-3. The figures have been modified as described.

Population estimates for 1981–89—Death rates in this volume for 1981–89 are based on revised populations that are consistent with the 1990 census level (34,35). They are, therefore, not comparable with death rates published in *Vital Statistics of the United States*, Volume II, Mortality, for 1981–89, and in other NCHS publications for those years. The 1990 census counted approximately 1.5 million fewer persons than had been estimated earlier for April 1, 1990.

Populations for 1980—The population of the United States by age, race, and sex, and the population for each State are shown in tables 7-2 and 7-3 of *Vital Statistics of the United States, 1980*, Volume II, Mortality. The figures by race have been modified as described.

Population estimates for 1971–79—Death rates in this volume for 1971–79 used revised population estimates that are consistent with the 1980 census levels. The 1980 census enumerated approximately 5.5 million more persons than had been estimated for April 1, 1980 (36). These revised estimates for the United States by age, race, and sex are published by the U.S. Bureau of the Census in *Current Population Reports*, Series P-25, Number 917. Unpublished revised estimates for States were obtained from the U.S. Bureau of the Census. For Puerto Rico, the Virgin Islands, and Guam, revised estimates are published in *Current Population Reports*, Series P-25, Number 919.

Population estimates for 1961–69—Death rates in this volume for 1961–69 are based on revised estimates of the population and thus may differ slightly from rates published before 1976. The rates shown in tables 1-1 and 1-2, the life table values in table 6-5, and the population estimates in table 7-1 for each year during 1961–69 have been revised to reflect modified population bases as published in the U.S. Bureau of the Census, *Current Population Reports*, Series P-5, Number 519. The data shown in table 1-10 for 1961–69 have not been revised.

Rates and ratios based on live births—Infant and maternal mortality rates and fetal death and perinatal mortality ratios are computed on the basis of the number of live births. Fetal death and perinatal mortality rates are computed on the basis of the number of live births and fetal deaths. Counts of live births are published annually in *Vital Statistics of the United States*, Volume I, Natality.

New Jersey—As previously indicated, data by race are not available for New Jersey for 1962 and 1963. Therefore, for 1962 and 1963 NCHS estimated a population by age, race, and sex that excluded New Jersey for rates shown by race. The methodology used to estimate the revised population excluding New Jersey is discussed in the technical appendixes of the 1962 and 1963 volumes.

Net census undercount

Errors can be introduced into the annual rates as a result of underenumeration of deaths and the misreporting of demographic characteristics. Errors in rates can also result from enumeration errors in the latest decennial census. This is because annual population estimates for the postcensal interval, which are used in the denominator for calculating death rates, are computed using the decennial census count as a base (34). Net census undercount results from the miscounting and misreporting of demographic characteristics such as age. Age-specific death rates are affected by the net census undercount and the misreporting of age on the death certificate (37). To the extent that the net undercount is substantial and that it varies among subgroups and geographic areas, it may have important consequences for vital statistics measures.

Because death rates based on a population adjusted for net census undercount may be more accurate than rates based on an unadjusted population, the possible impact of net census undercount on death rates must be considered. This can be done on a national basis using results of studies conducted by the U.S. Bureau of the Census on the completeness of coverage of the U.S. population (including underenumeration and misstatement of age, race, and sex). Such studies were conducted in the last five decennial censuses—1950, 1960, 1970, 1980, and 1990. From this work have come estimates of the national population that were not counted by age, race, and sex (38–41). The reports for 1990 (unpublished data from the U.S. Bureau of the Census) include estimates of net underenumeration and overenumeration for age, sex, and racial subgroups of the national population modified for race consistency with previous population counts as described in the section "Population Bases." These studies indicate that, although coverage was improved over previous censuses, there was differential coverage among the population subgroups; that is, some age, race, and sex groups were more completely counted than others.

Because estimates of net census undercount are not available by age, race, and sex for individual States and counties, it is not feasible to adjust for net census undercount when presenting rates in routine tabulations. Nevertheless, it is important to be aware that net census undercounts can affect levels of observed vital rates.

Age, race, and sex—If adjustments were made for net census undercount, the size of denominators of the death rates generally would increase and the rates, therefore, would decrease. The adjusted rates for 1990 can be computed by multiplying the reported rates by ratios of the census-level resident population to the resident population adjusted for the estimated net census undercount (table 7-4). A ratio of less than 1.0 indicates a net census undercount and, when applied, results in a corresponding decrease in the death rate. A ratio greater than 1.0—indicates a net census overcount—and when multiplied by the reported rate results in an increase in the death rate.

Coverage ratios for all ages show that, in general, females were more completely enumerated than males and the white population more completely enumerated than the black population in the 1990 Census of Population. Underenumeration varied by age group for the total population, with the greatest differences found for persons aged 85 years and over. All other age groups were overcounted or undercounted by less than 4.0 percent. Among the age-sex-race groups, underenumeration was highest (13.3 percent) for black males aged 25–34 years. In contrast, white females in this age group were underenumerated by 2.5 percent.

If vital statistics measures were calculated with adjustments for net census undercounts for each population subgroup, the resulting rates would be differentially reduced from their original levels; that is, rates for those groups with the greatest estimated undercounts would show the greatest relative reductions due to these adjustments. Similar effects would be evident in the opposite direction for groups with overcounts. Consequently, the ratio of mortality between the rates for males and females and between the rates for the white population and the black population usually would be reduced.

Similarly, the differences between the death rates among subgroups of the population by cause of death would be affected by adjustments for net census undercounts. For example, in 1990 for the age group 35–39 years, the ratio of the unadjusted death rate for Homicide and legal intervention for black males to that for white males is 6.92, whereas the ratio of the death rates adjusted for net census undercount is 7.54. For Ischemic heart disease for males aged 40–44 years, the ratio of the death rate for the black population to that for the white population is 1.12 using the unadjusted rates, but it is 1.22 when adjusted for estimated underenumeration.

Summary measures—The effect of net census undercount on age-adjusted death rates and life table values depends on the underenumeration of each age group and on the distribution of deaths by age. Thus, the age-adjusted death rate in 1990 for All causes would decrease from 520.2 to 512.7 per 100,000 population if the age-specific death rates were corrected for net census undercount (table H). For Diseases of the heart, the age-adjusted death rate for white males would decrease from 202.0 to 198.1 per 100,000 population, a decline of 2.0 percent. For black males, the change from an unadjusted rate of 275.9 to an adjusted rate of 256.7 would amount to a decrease of 7.0 percent. For HIV infection, the rate for black males would decrease from 44.2 to 39.0 and for white males from 15.0 to 14.4.

Table H. Age-adjusted death rates for selected causes by race and sex, unadjusted and adjusted for estimated net census undercount: United States, 1990

[Based on age-specific death rates per 100,000 population in specified group. Computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940. See Age-adjusted death rates. Numbers after causes of death are category numbers of the *Ninth Revision International Classification of Diseases, 1975*. Beginning 1987 includes category numbers *042–*044. See "Cause of death"]

Race, sex, and adjustment for net census undercount	*All causes*	*Human immunodeficiency virus infection (*042–*044)*	*Malignant neoplasms including neoplasms lymphatic and hematopoietic tissues (140–209)*	*Diabetes mellitus (250)*	*Diseases of heart (390–398, 402, 404–424)*	*Cerebrovascular diseases (430–438)*	*Homicide and legal intervention (E960–E978)*
All Races							
Both Sexes							
Unadjusted	520.2	9.8	135.0	11.7	152.0	27.7	10.2
Adjusted	512.7	9.6	133.3	11.5	149.9	27.3	10.1
Male							
Unadjusted	680.2	17.7	166.3	12.3	206.7	30.2	16.3
Adjusted	664.3	17.0	162.4	12.1	202.1	29.6	15.9
Female							
Unadjusted	390.6	2.1	112.7	11.1	108.9	25.7	4.2
Adjusted	387.9	2.1	112.6	11.0	107.9	25.4	4.2
White							
Both Sexes							
Unadjusted	492.8	8.0	131.5	10.4	146.9	25.5	5.9
Adjusted	485.9	7.8	129.9	10.2	145.0	25.2	5.7
Male							
Unadjusted	644.3	15.0	160.3	11.3	202.0	27.7	8.9
Adjusted	631.0	14.4	156.9	11.1	198.2	27.3	8.7
Female							
Unadjusted	369.9	1.1	111.2	9.5	103.1	23.8	2.8
Adjusted	367.0	1.0	110.8	9.5	102.2	23.5	2.7
Black							
Both Sexes							
Unadjusted	789.2	25.7	182.0	24.8	213.5	48.4	39.5
Adjusted	760.0	23.9	177.0	24.1	207.2	46.9	37.4
Male							
Unadjusted	1,061.3	44.2	248.1	23.6	275.9	56.1	68.7
Adjusted	980.8	39.0	230.9	21.9	256.7	52.3	62.9
Female							
Unadjusted	581.6	9.9	137.2	25.4	168.1	42.7	13.0
Adjusted	579.4	9.7	138.4	25.7	168.2	42.7	12.7

If death rates by age were adjusted, the corresponding life expectancy at birth computed from these rates would change. When calculating life expectancy, the impact of an undercount or overcount is greatest at the younger ages. In general, the effect of correcting the death rates is to increase the estimate of life expectancy at birth. For example, adjustment for net census undercount would increase life expectancy in 1990 by an estimated 0.2 years, from 75.4 years to 75.6 years for the total U.S. population.

Adjustment for differential underenumeration among race-sex groups would lead to greater changes in life expectancy for some groups than for other groups. For males and females, increases would be 0.3 and 0.1 years, respectively; for the black population and white population, 0.6 and 0.2 years, respectively. The largest increase would be for black males, 1.2 years, followed by white males (0.3 years), black females (0.2 years), and white females (0.2 years).

Age-adjusted death rates

Age-adjusted death rates shown in this volume are computed using the distribution in 10-year age intervals of the enumerated population of the United States in 1940 as the standard population. Each figure represents the rate that would have existed had the age-specific rates of the particular year prevailed in a population whose age distribution was the same as that of the United States in 1940. The rates for the total population and for each race-sex group were adjusted using the same standard population. It is important not to compare age-adjusted death rates with crude rates. The standard 1940 population, on the basis of one million total population, is as follows:

Age	*Number*
All ages	1,000,000
Under 1 year	15,343
1–4 years	64,718
5–14 years	170,355
15–24 years	181,677
25–34 years	162,066
35–44 years	139,237
45–54 years	117,811
55–64 years	80,294
65–74 years	48,426
75–84 years	17,303
85 years and over	2,770

Life tables

U.S. abridged life tables are constructed by reference to a standard table (42). Life tables for the decennial period 1979–81 are used as the standard life tables in constructing the 1980–90 abridged life tables. Life table values for 1981–89 appearing in this volume are based on revised intercensal estimates of the populations for those years. Therefore, these life table values may differ from life table values of those years published in previous volumes.

Life tables for the decennial period 1969–71 are used as the standard life tables in constructing the 1970–79 abridged life tables. Life table values for 1970–73 were first revised in *Vital Statistics of the United States, 1977*; before 1977, life table values for 1970–73 were constructed using the 1959–61 decennial life tables. In addition, life table values for 1951–59, 1961–69, and 1971–79 appearing in this volume are based on revised intercensal estimates of the populations for those years. As such, these life table values may differ from life table values for those years published in previous volumes.

There has been an increasing interest in data on the average length of life ($\mathring{e}_0$) for single calendar years before the initiation of the annual abridged life table series for selected race-sex groups in 1945. The figures in table 6-5 for the race and sex groups for the following years were estimated to meet these needs (43).

Years	Race and sex groups
1900–45	Total
1900–47	Male
1900–47	Female
1900–50	White
1900–44	White, male
1900–44	White, female
1900–50	All other
1900–44	All other, male
1900–44	All other, female

The geographic areas covered in life tables before 1929–31 were limited to the death-registration areas. Life tables for 1900–02 and 1909–11 were constructed using mortality data from the 1900 death-registration States—10 States and the District of Columbia—and for 1919–21 from the 1920 death-registration States—34 States and the District of Columbia. The tables for 1929–31 through 1958 cover the conterminous United States. Decennial life table values for the 3-year period 1959–61 were derived from data that include Alaska and Hawaii for each year (table 6-4). Data for each year shown in table 6-5 include Alaska beginning in 1959 and Hawaii beginning in 1960. It is believed that the inclusion of these two States does not materially affect life table values.

Random variation in numbers of deaths, death rates, and mortality rates and ratios

Deaths and population-based rates—Except for those reported in 1972, the numbers of deaths reported for a community represent complete counts of such events. As such, they are not subject to sampling error, although they are subject to errors in the registration process. However, when the figures are used for analytical purposes, such as the comparison of rates over a period or for different areas, the number of events that actually occurred may be considered as one of a large series of possible results that could have arisen under the same circumstances (44). The probable range of values may be estimated from the actual figures according to certain statistical assumptions.

In general, distributions of vital events may be assumed to follow the binomial distribution. Estimates of standard error and tests of significance under this assumption are described in most standard statistics texts. When the number of events is large, the standard error, expressed as a percent of the number or rate, is usually small.

When the number of events is small (perhaps less than 100) and the probability of such an event is small, considerable caution must be observed in interpreting the conditions described by the figures. This is particularly true for infant mortality rates, cause-specific death rates, and death rates for counties. Events of a rare nature may be assumed to follow a Poisson probability distribution. For this distribution, a simple approximation may be used to estimate a confidence interval, as follows.

If N is the number of registered deaths in the population and R is the corresponding rate, the chance is 19 in 20 that

1. $N-2\sqrt{N}$ and $N+2\sqrt{N}$

   covers the "true" number of events.

2. $R-2\frac{R}{\sqrt{N}}$ and $R+2\frac{R}{\sqrt{N}}$

   covers the "true" rate.

If the rate R_1 corresponding to N_1 events is compared with the rate R_2 corresponding to N_2 events, the difference between the two rates may be regarded as statistically significant at the 0.05 level of significance, if it exceeds

$$2\sqrt{\frac{R_1^2}{N_1}+\frac{R_2^2}{N_2}}$$

For example, if the observed death rate for a community were 10.0 per 1,000 population and if this rate were based on 20 recorded deaths, the chance is 19 in 20 that the "true" death rate for that community lies between 5.5 and 14.5 per 1,000 population. If the death rate for this community of 10.0 per 1,000 population were being compared with a rate of 15.0 per 1,000 population for a second community, which is based on 25 recorded deaths, the difference between the rates for the two communities is 5.0. This difference is less than twice the standard error of the difference

$$2\sqrt{\frac{(10.0)^2}{20}+\frac{(15.0)^2}{25}}$$

of the two rates, which is computed to be 7.5. From this, it is concluded that the difference between the rates for the two communities is not statistically significant at the 0.05 level of significance.

Rates, proportions, and ratios—Beginning in 1989, an asterisk is shown in place of a rate based on fewer than 20 deaths. These rates have a relative standard error of 23 percent or more and therefore are considered highly variable. For age-adjusted death rates, this criterion is applied to the sum of the age-specific deaths.

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SYMBOLS USED IN TABLES

Data not available	- - -
Category not applicable	. . .
Quantity zero	–
Quantity more than 0 but less than 0.05	0.0
Figure does not meet standards of reliability or precision (estimate is based on fewer than 20 events in numerator or denominator)	*

Table 7-1. Population of Birth- and Death-Registration States, 1900-1932, and United States, 1900-1990

[Population enumerated as of April 1 for 1940, 1950, 1960, 1970, 1980, and 1990 and estimated as of July 1 for all other years]

Year	United States [1]		Year	United States [1]		Birth-registration States		Death-registration States	
	Population including Armed Forces abroad	Population residing in area		Population including Armed Forces abroad	Population residing in area	Number of States [2]	Population residing in area	Number of States [2]	Population residing in area
1990	249,225,000	248,709,873							
1989 [3]	247,342,000	246,819,000	1944	138,397,000	132,885,000	...	...	...	...
1988 [3]	245,021,000	244,499,000	1943	136,739,000	134,245,000	...	...	...	...
1987 [3]	242,804,000	242,289,000	1942	134,860,000	133,920,000	...	...	...	...
1986 [3]	240,651,000	240,133,000	1941	133,402,000	133,121,000	...	...	...	...
1985 [3]	238,466,000	237,924,000	1940	131,820,000	131,669,275	...	...	...	...
1984 [3]	236,348,000	235,825,000	1939	131,028,000	130,879,718	...	...	...	...
1983 [3]	234,307,000	233,792,000	1938	129,969,000	129,824,939	...	...	...	...
1982 [3]	232,188,000	231,664,000	1937	128,961,000	128,824,829	...	...	...	...
1981 [3]	229,966,000	229,466,000	1936	128,181,000	128,053,180	...	...	...	...
1980	227,061,000	226,545,805	1935	127,362,000	127,250,232	...	...	...	...
1979	225,055,000	224,567,000	1934	126,485,000	126,373,773	...	...	...	...
1978	222,585,000	222,095,000	1933	125,690,000	125,578,763	...	...	...	...
1977	220,239,000	219,760,000	1932	124,949,000	124,840,471	47	118,903,899	47	118,903,899
1976	218,035,000	217,563,000	1931	124,149,000	124,039,648	46	117,455,229	47	118,148,987
1975	215,973,000	215,465,000	1930	123,188,000	123,076,741	46	116,544,946	47	117,238,278
1974	213,854,000	213,342,000	1929	- - -	121,769,939	46	115,317,450	46	115,317,450
1973	211,909,000	211,357,000	1928	- - -	120,501,115	44	113,636,160	44	113,636,160
1972	209,896,000	209,284,000	1927	- - -	119,038,062	40	104,320,830	42	107,084,532
1971	207,661,000	206,827,000	1926	- - -	117,399,225	35	90,400,590	41	103,822,683
1970	204,270,000	203,211,926	1925	- - -	115,831,963	33	88,294,564	40	102,031,555
1969	202,677,000	201,385,000	1924	- - -	114,113,463	33	87,000,295	39	99,318,098
1968	200,706,000	199,399,000	1923	- - -	111,949,945	30	81,072,123	38	96,788,197
1967	198,712,000	197,457,000	1922	- - -	110,054,778	30	79,560,746	37	92,702,901
1966	196,560,000	195,576,000	1921	- - -	108,541,489	27	70,807,090	34	87,814,447
1965	194,303,000	193,526,000	1920	- - -	106,466,420	23	63,597,307	34	86,079,263
1964	191,889,000	191,141,000	1919	105,063,000	104,512,110	22	61,212,076	33	83,157,982
1963	189,242,000	188,483,000	1918	104,550,000	103,202,801	20	55,153,782	30	79,008,412
1962	186,538,000	185,771,000	1917	103,414,000	103,265,913	20	55,197,952	27	70,234,775
1961	183,691,000	182,992,000	1916	- - -	101,965,984	11	32,944,013	26	66,971,177
1960	179,933,000	179,323,175	1915	- - -	100,549,013	10	31,096,697	24	61,894,847
1959	177,264,000	176,513,000	1914	- - -	99,117,567	...	...	24	60,963,309
1958	174,141,000	173,320,000	1913	- - -	97,226,814	...	...	23	58,156,740
1957	171,274,000	170,371,000	1912	- - -	95,331,300	...	...	22	54,847,700
1956	168,221,000	167,306,000	1911	- - -	93,867,814	...	...	22	53,929,644
1955	165,275,000	164,308,000	1910	- - -	92,406,536	...	...	20	47,470,437
1954	162,391,000	161,164,000	1909	- - -	90,491,525	...	...	18	44,223,513
1953	159,565,000	158,242,000	1908	- - -	88,708,976	...	...	17	38,634,759
1952	156,954,000	155,687,000	1907	- - -	87,000,271	...	...	15	34,552,837
1951	154,287,000	153,310,000	1906	- - -	85,436,556	...	...	15	33,782,288
1950	151,132,000	150,697,361	1905	- - -	83,819,666	...	...	10	21,767,980
1949	149,188,000	148,665,000	1904	- - -	82,164,974	...	...	10	21,332,076
1948	146,631,000	146,093,000	1903	- - -	80,632,152	...	...	10	20,943,222
1947	144,126,000	143,446,000	1902	- - -	79,160,196	...	...	10	20,582,907
1946	141,389,000	140,054,000	1901	- - -	77,585,128	...	...	10	20,237,453
1945	139,928,000	132,481,000	1900	- - -	76,094,134	...	...	10	19,965,446

[1] Alaska included beginning 1959 and Hawaii, 1960.
[2] The District of Columbia is not included in "Number of States," but it is represented in all data shown for each year.
[3] Populations are revised and, therefore, differ from those published in "Vital Statistics of the United States," Vol. II, Mortality, Part A, for 1989 and earlier years; see text.

SOURCE: Published and unpublished data from the U.S. Bureau of the Census; see text.

Table 7-2. Enumerated Population of the United States, by 5-Year Age Groups, Race, and Sex: April 1, 1990

[Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Age	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All ages	248,709,873	121,239,348	127,470,525	208,704,165	102,142,817	106,561,348	40,005,708	19,096,531	20,909,177	30,483,281	14,420,331	16,062,950
Under 1 year	3,945,974	2,018,404	1,927,570	3,127,256	1,603,750	1,523,506	818,718	414,654	404,064	638,132	322,435	315,697
1-4 years	14,811,673	7,580,624	7,231,049	11,832,870	6,071,090	5,761,780	2,978,803	1,509,534	1,469,269	2,301,264	1,163,852	1,137,412
5-9 years	18,034,778	9,232,031	8,802,747	14,502,300	7,444,026	7,058,274	3,532,478	1,788,005	1,744,473	2,711,336	1,371,538	1,339,798
10-14 years	17,060,469	8,738,800	8,321,669	13,670,059	7,022,591	6,647,468	3,390,410	1,716,209	1,674,201	2,629,473	1,328,261	1,301,212
15-19 years	17,881,711	9,172,834	8,708,877	14,350,716	7,379,551	6,971,165	3,530,995	1,793,283	1,737,712	2,714,244	1,370,304	1,343,940
20-24 years	19,131,578	9,742,551	9,389,027	15,637,244	8,009,507	7,627,737	3,494,334	1,733,044	1,761,290	2,654,936	1,299,074	1,355,862
25-29 years	21,327,869	10,702,497	10,625,372	17,638,338	8,926,907	8,711,431	3,689,531	1,775,590	1,913,941	2,779,569	1,322,573	1,456,996
30-34 years	21,832,857	10,861,819	10,971,038	18,189,778	9,144,433	9,045,345	3,643,079	1,717,386	1,925,693	2,717,689	1,269,916	1,447,773
35-39 years	19,845,733	9,833,180	10,012,553	16,651,817	8,342,551	8,309,266	3,193,916	1,490,629	1,703,287	2,359,348	1,094,253	1,265,095
40-44 years	17,589,034	8,676,472	8,912,562	15,001,279	7,476,422	7,524,857	2,587,755	1,200,050	1,387,705	1,881,629	867,892	1,013,737
45-49 years	13,743,577	6,739,157	7,004,420	11,826,034	5,851,065	5,974,969	1,917,543	888,092	1,029,451	1,413,272	644,853	768,419
50-54 years	11,313,073	5,493,144	5,819,929	9,744,459	4,773,156	4,971,303	1,568,614	719,988	848,626	1,177,519	530,296	647,223
55-59 years	10,487,443	5,008,415	5,479,028	9,130,851	4,404,374	4,726,477	1,356,592	604,041	752,551	1,040,889	460,001	580,888
60-64 years	10,625,209	4,946,654	5,678,555	9,380,602	4,408,987	4,971,615	1,244,607	537,667	706,940	971,760	418,147	553,613
65-69 years	10,065,835	4,507,539	5,558,296	8,983,978	4,047,535	4,936,443	1,081,857	460,004	621,853	859,694	360,653	499,041
70-74 years	7,979,660	3,399,275	4,580,385	7,191,013	3,079,801	4,111,212	788,647	319,474	469,173	638,077	252,967	385,110
75-79 years	6,102,929	2,388,895	3,714,034	5,518,341	2,165,061	3,353,280	584,588	223,834	360,754	483,535	178,695	304,840
80-84 years	3,909,046	1,355,830	2,553,216	3,566,268	1,232,184	2,334,084	342,778	123,646	219,132	288,283	98,351	189,932
85 years and over	3,021,425	841,227	2,180,198	2,760,962	759,826	2,001,136	260,463	81,401	179,062	222,632	66,270	156,362

SOURCE: Published and unpublished data from the U.S. Bureau of the Census; see text.

Table 7-3. Enumerated Population, by Age, for the United States, Each Division and State, Puerto Rico, Virgin Islands, and Guam: April 1, 1990

[Figures include Armed Forces stationed in each area, and exclude Armed Forces stationed outside the United States]

Division and State	Total	Under 5 years	5-19 years	20-44 years	45-64 years	65 years and over
United States	248,709,873	18,757,647	52,976,958	99,727,071	46,169,302	31,078,895
Geographic divisions:						
New England	13,206,943	938,290	2,562,402	5,467,240	2,477,353	1,761,658
Middle Atlantic	37,602,286	2,648,699	7,399,498	14,916,434	7,451,081	5,186,574
East North Central	42,008,942	3,146,526	9,183,982	16,498,607	7,899,375	5,280,452
West North Central	17,659,690	1,327,799	3,887,771	6,768,895	3,230,484	2,444,741
South Atlantic	43,566,853	3,124,215	8,810,578	17,509,716	8,320,682	5,801,662
East South Central	15,176,284	1,084,821	3,428,706	5,839,885	2,902,447	1,920,425
West South Central	26,702,793	2,161,937	6,266,467	10,624,056	4,703,741	2,946,592
Mountain	13,658,776	1,130,610	3,185,982	5,432,014	2,393,731	1,516,439
Pacific	39,127,306	3,194,750	8,251,572	16,670,224	6,790,408	4,220,352
New England:						
Maine	1,227,928	87,250	261,032	484,497	232,287	162,862
New Hampshire	1,109,252	85,786	229,047	470,343	199,552	124,524
Vermont	562,758	41,979	121,636	231,048	102,208	65,887
Massachusetts	6,016,425	421,349	1,139,668	2,530,390	1,110,013	815,005
Rhode Island	1,003,464	68,493	194,919	405,355	184,948	149,749
Connecticut	3,287,116	233,433	616,100	1,345,607	648,345	443,631
Middle Atlantic:						
New York	17,990,455	1,292,180	3,554,235	7,274,550	3,529,377	2,340,113
New Jersey	7,730,188	545,807	1,480,989	3,124,278	1,554,093	1,025,021
Pennsylvania	11,881,643	810,712	2,364,274	4,517,606	2,367,611	1,821,440
East North Central:						
Ohio	10,847,115	796,503	2,355,792	4,203,819	2,088,160	1,402,841
Indiana	5,544,159	404,681	1,244,351	2,151,114	1,050,076	693,937
Illinois	11,430,602	866,139	2,450,901	4,551,356	2,132,786	1,429,420
Michigan	9,295,297	713,578	2,055,911	3,683,452	1,738,255	1,104,101
Wisconsin	4,891,769	365,625	1,077,027	1,908,866	890,098	650,153
West North Central:						
Minnesota	4,375,099	341,251	956,839	1,760,484	770,655	545,870
Iowa	2,776,755	195,477	613,238	1,019,447	522,927	425,666
Missouri	5,117,073	374,992	1,101,651	1,946,789	978,133	715,508
North Dakota	638,800	48,510	147,610	241,608	110,133	90,939
South Dakota	696,004	55,324	164,579	251,848	122,139	102,114
Nebraska	1,578,385	121,173	356,482	594,449	283,614	222,667
Kansas	2,477,574	191,072	547,372	954,270	442,883	341,977
South Atlantic:						
Delaware	666,168	49,892	136,429	272,122	127,440	80,285
Maryland	4,781,468	365,079	940,436	2,046,499	915,095	514,359
District of Columbia	606,900	38,457	103,442	275,690	112,227	77,084
Virginia	6,187,358	450,601	1,263,046	2,650,974	1,161,349	661,388
West Virginia	1,793,477	108,490	396,899	653,024	367,234	267,830
North Carolina	6,628,637	469,176	1,376,313	2,702,799	1,280,150	800,199
South Carolina	3,486,703	263,156	786,754	1,397,352	645,392	394,049
Georgia	6,478,216	506,342	1,447,826	2,711,709	1,161,797	650,542
Florida	12,937,926	873,022	2,359,433	4,799,547	2,549,998	2,355,926
East South Central:						
Kentucky	3,685,296	254,595	825,827	1,436,509	703,366	464,999
Tennessee	4,877,185	340,067	1,042,886	1,920,848	957,241	616,143
Alabama	4,040,587	289,923	913,127	1,536,670	780,969	519,898
Mississippi	2,573,216	200,236	646,866	945,858	460,871	319,385
West South Central:						
Arkansas	2,350,725	168,319	529,774	848,646	455,203	348,783
Louisiana	4,219,973	342,606	1,031,033	1,633,627	746,288	466,419
Oklahoma	3,145,585	230,802	708,960	1,183,653	599,214	422,956
Texas	16,986,510	1,420,210	3,996,700	6,958,130	2,903,036	1,708,434
Mountain:						
Montana	799,065	60,258	184,929	297,675	150,006	106,197
Idaho	1,006,749	81,549	260,437	367,645	176,217	120,901
Wyoming	453,588	35,428	114,268	176,291	80,635	46,966
Colorado	3,294,394	256,970	705,465	1,417,964	585,631	328,364
New Mexico	1,515,069	129,274	365,631	590,580	267,684	161,900
Arizona	3,665,228	300,395	800,412	1,442,183	646,222	476,016
Utah	1,722,850	172,252	519,240	637,002	244,874	149,482
Nevada	1,201,833	94,484	235,600	502,674	242,462	126,613
Pacific:						
Washington	4,866,692	374,057	1,031,511	2,010,238	877,972	572,914
Oregon	2,842,321	205,649	600,714	1,115,456	530,737	389,765
California	29,760,021	2,473,619	6,260,172	12,816,880	5,097,499	3,111,851
Alaska	550,043	55,977	131,875	257,621	82,475	22,095
Hawaii	1,108,229	85,448	227,300	470,029	201,725	123,727
Puerto Rico	3,522,037	---	---	---	---	---
Virgin Islands	101,809	---	---	---	---	---
Guam	133,152	---	---	---	---	---

SOURCE: Published and unpublished data from the U.S. Bureau of the Census; see text.

Table 7-4. Ratio of Census-Level Resident Population to Resident Population Adjusted for Estimated Net Census Undercount by Age, Sex, and Race: April 1, 1990

Age	All races			White			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All ages	0.9815	0.9721	0.9906	0.9802	0.9728	0.9873	0.9432	0.9151	0.9699
Under 5 years	0.9632	0.9634	0.9629	0.9677	0.9685	0.9669	0.9160	0.9139	0.9182
Under 1 year	.9686	.9684	.9689	.9730	.9734	.9725	.9239	.9214	.9264
1-4 years	.9617	.9621	.9613	.9664	.9672	.9654	.9139	.9119	.9159
5-14 years	.9761	.9768	.9753	.9740	.9750	.9730	.9410	.9402	.9418
5-9 years	.9649	.9655	.9642	.9657	.9665	.9649	.9241	.9230	.9252
10-14 years	.9882	.9891	.9873	.9830	.9841	.9818	.9591	.9586	.9595
15-24 years	1.0081	1.0088	1.0073	1.0032	1.0053	1.0010	.9789	.9723	.9855
15-19 years	1.0166	1.0198	1.0133	1.0094	1.0128	1.0059	.9988	1.0016	.9959
20-24 years	1.0002	.9987	1.0017	.9975	.9985	.9966	.9593	.9432	.9753
25-34 years	.9639	.9463	.9821	.9614	.9480	.9755	.9126	.8666	.9580
25-29 years	.9591	.9439	.9748	.9558	.9441	.9681	.9123	.8732	.9510
30-34 years	.9687	.9487	.9892	.9669	.9518	.9828	.9129	.8599	.9651
35-44 years	.9842	.9689	.9996	.9816	.9700	.9935	.9350	.8867	.9810
35-39 years	.9790	.9628	.9954	.9764	.9643	.9888	.9303	.8808	.9778
40-44 years	.9901	.9758	1.0044	.9875	.9764	.9988	.9410	.8943	.9850
45-54 years	.9780	.9628	.9929	.9772	.9649	.9894	.9322	.8805	.9799
45-49 years	.9775	.9633	.9916	.9762	.9648	.9877	.9302	.8807	.9762
50-54 years	.9785	.9623	.9944	.9784	.9651	.9914	.9346	.8802	.9844
55-64 years	.9824	.9640	.9995	.9828	.9684	.9962	.9545	.8875	1.0138
55-59 years	.9794	.9609	.9968	.9801	.9656	.9941	.9426	.8790	.9999
60-64 years	.9854	.9671	1.0020	.9853	.9712	.9982	.9675	.8969	1.0287
65-74 years	.9960	.9784	1.0101	.9935	.9781	1.0060	1.0211	.9704	1.0596
65-69 years	.9980	.9776	1.0152	.9943	.9762	1.0096	1.0336	.9786	1.0773
70-74 years	.9934	.9795	1.0040	.9926	.9807	1.0017	1.0049	.9589	1.0376
75-84 years	1.0021	1.0046	1.0006	1.0038	1.0066	1.0021	.9971	.9913	1.0004
75-79 years	1.0082	1.0064	1.0094	1.0077	1.0065	1.0085	1.0258	1.0126	1.0337
80-84 years	.9927	1.0015	.9881	.9978	1.0068	.9931	.9524	.9547	.9512
85 years and over	.9411	.9592	.9342	.9512	.9696	.9444	.8503	.8827	.8373

SOURCE: Unpublished data from the U.S. Bureau of the Census.

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