

VITAL STATISTICS OF THE UNITED STATES

1989

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: 1993

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National Center for Health Statistics: *Vital Statistics of the United States, 1989*, Vol. II, Mortality, part A. Washington: Public Health Service. 1993. DHHS Pub. No. (PHS) 93-1101. U.S. Government Printing Office.

DHHS Publication No. (PHS) 93-1101

VITAL STATISTICS OF THE UNITED STATES, 1989

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, 1989*.

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 standard metropolitan statistical 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 standard metropolitan statistical 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 e_x^0 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 SMSA'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:																
1900-1989	1	2	3								⁵ 11					
1915-89																⁶ 16
Selected years and 1989				4												
1979-89							7					12				
1989 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 84					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																

¹Deaths by place of occurrence.
²Deaths by place of occurrence and place of residence.
³Entire United States for 1933-89, death-registration States for 1900-1932.
⁴Entire United States for 1933-89, birth-registration States for 1915-32.
⁵Data by 5-year averages for 1900-1959 and by single years for 1960-89.
⁶Data by 5-year averages for 1915-39 and by single years for 1940-89.
⁷Specified race or national origin.

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	
PAGE:	1	2	3	4	5	6	9	10	11	12	14	26	29	35	38	44	62	88	91	92	93	94	95	96	
Geographic area:																									
Divisions								8	9																
50 largest SMSA's and component counties										10															
Metropolitan and nonmetropolitan counties															15										
Population-size groups															15										
States								8	9		11		13				17	18	19						
Total of reporting States																				20	21	22	23		
United States	21	2	3	4	5	6	7	8	9		11	12		14	15	16	17	18					24		
Years:																									
1915-89	1																								
1981-89			3				7																		
1987-89							8	9																	
1989 only		2		4	5	6				10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Type of entry:																									
Infant mortality rates (per 1,000 live births)	1			4				8	9	10															
Infant mortality rates (per 100,000 live births)		2	3		5	6	7													20		22	23	24	
Number of infant deaths				4	5	6				10	11	12	13	14	15	16	17	18	19	20	21		23	24	
Percent distribution of deaths by cause					6																				
Characteristics:																									
Age:																									
Under 1 year	1	2	3	4	5	6	7	8		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Under 28 days	1	2	3	4		6			9	10	11	12	13	14	15	16	17			20					
28 days to 11 months				4		6								14			17			20					
Detailed age groups (under 1 day-11 months)		2	3								11	12				16									
Cause of death:																									
61 selected causes					5		7							14	15	16	17					21	22		
15 leading causes						6																			
HIV causes only																							23	24	
Hispanic origin																			19	20	21	22	23	24	
Month											12	13	14												
Race	1	2	3	3 ⁴	5			8	9		11	12	13		15	16	17	18	19	20	21	22	23	24	
Sex		2		4							11	12				16								23	24

¹Deaths by place of occurrence and place of residence.
²Entire United States for 1933-1989; death-registration States for 1915-32.
³Specified 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:																				
1942-89		2																		
1986-89					5															
1989 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					

¹Fetal deaths by place of occurrence.
²Fetal deaths by place of occurrence and place of residence.
³All periods of gestation.
⁴For 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:								
1950-89.		1						
1986-89.					4			
1989 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 1989. 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]

	-1	-2	-3	-4	-5
TABLE: 6					
PAGE:	7	11	12	13	19
Years:					15
1900-1989					
1989 only	1	2	3		
Specified years and 1989				² 4	
Type of entry:					
Proportion dying (${}_nq_x$)	1				
Number surviving (${}_nl_x$)	1	2		4	
Number dying (${}_nd_x$)	1				
Stationary population (${}_nL_x$) and (T_x)	1				
Average remaining lifetime (\hat{e}_x)	1		3	4	
Average length of life (\hat{e}_o)					5
Characteristics:					
Age by:					
Single years		2	3		
5-year intervals	1			4	
Race	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

¹Entire United States for 1929-89, death-registration States for 1900-1928.

²Entire United States for specified years from 1929 to 1989; 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]

	-1	-2	-3	-4
TABLE: 7				
PAGE:	26	27	28	29
Geographic area:				
Divisions			3	
Guam			3	
Puerto Rico			3	
States			3	
United States	1,21	2	3	4
Virgin Islands			3	
Years:				
1900–1989 ³		1		
1989 only		2	3	
1980 only				4
Type of entry:				
Population	1	2	3	
Ratios				44
Characteristics:				
Age		2	53	4
Race		2		4
Sex		2		4

¹Entire United States for 1900–1989; birth- and death-registration States for 1900–1932.
²Populations both inclusive and exclusive of Armed Forces stationed outside the United States.
³Population enumerated as of April 1, 1940, 1950, 1960, 1970, and 1980, and estimated as of July 1 for all other years.
⁴Census-level population to population adjusted for estimated net census undercount.
⁵For 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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SECTION 1 - GENERAL MORTALITY - PAGE 1

Table 1-1. Deaths by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-89

(Page 1 of 2)

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

Area and year	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
UNITED STATES 1												
1989	2,150,466	1,114,190	1,036,276	1,853,841	950,652	902,989	296,625	163,398	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	267,396	147,303	120,083	244,207	133,510	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	919,357	1,729,085	919,239	809,846	245,712	137,201	108,511	226,513	125,810	100,903
1981	1,977,991	1,063,772	914,209	1,731,233	925,490	805,743	246,748	138,282	108,466	228,560	127,286	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	102,699	221,340	124,663	96,677
1977	1,899,597	1,046,243	859,354	1,664,100	912,670	751,430	235,497	133,573	101,924	220,076	123,894	98,182
1976	1,909,440	1,051,983	857,457	1,674,989	918,589	756,400	234,451	133,284	101,057	219,442	123,977	95,465
1975	1,892,879	1,050,819	842,600	1,660,366	917,804	742,562	232,513	133,015	98,498	217,932	123,770	94,162
1974	1,934,388	1,071,627	862,761	1,697,285	936,640	769,655	237,093	134,987	102,106	222,948	126,036	96,912
1973	1,973,003	1,096,795	876,208	1,726,405	957,918	770,487	244,598	138,877	105,721	230,110	129,647	100,463
1972 *	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	1,079,473	842,553	1,682,096	942,437	738,659	236,935	136,041	102,694	225,647	127,540	98,107
1969	1,921,980	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	93,653
1966	1,863,149	1,052,827	810,322	1,634,461	924,342	710,119	228,688	128,485	100,203	216,736	120,620	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 *	1,813,549	1,027,686	785,863	1,533,015	871,994	661,021	216,662	120,406	96,256	204,888	112,708	92,180
1962 *	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	854,568	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	86,565	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	1,564,676	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	1,350,889	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	78,686
1952	1,496,938	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	1,270,569	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	1,385,167	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	93,361	84,770	176,729	94,697	82,032
1940	1,417,289	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	529,672	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 *												
1932	1,293,269	704,506	588,763	1,122,470	614,093	508,377	170,799	90,413	60,386	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	65,386	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	69,468	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	738,691	623,096	1,168,269	637,063	531,206	193,718	101,828	91,680	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	69,515
1922	1,083,952	575,927	508,025	951,452	507,567	443,885	132,500					

SECTION 1 - GENERAL MORTALITY - PAGE 2

Table 1-1. Deaths by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-89—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					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
DEATH-REGISTRATION STATES ←—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	289,799	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.

SECTION 1 - GENERAL MORTALITY - PAGE 3

Table 1-2. Death Rates by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-89
(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					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
UNITED STATES †												
1989	8.7	9.2	8.1	8.9	9.3	8.5	7.6	8.7	6.5	8.7	10.1	7.5
1988	8.8	9.4	8.3	9.1	9.5	8.6	7.6	8.7	6.5	8.7	10.1	7.5
1987	8.7	9.3	8.1	9.0	9.5	8.5	7.5	8.6	6.4	8.6	9.9	7.4
1986	8.7	9.4	8.1	9.0	9.5	8.4	7.5	8.6	6.4	8.5	9.9	7.3
1985	8.7	9.5	8.1	9.0	9.6	8.4	7.4	8.6	6.4	8.5	9.8	7.3
1984	8.6	9.4	7.9	8.9	9.5	8.2	7.3	8.5	6.3	8.3	9.6	7.1
1983	8.6	9.4	7.9	8.8	9.6	8.2	7.4	8.5	6.3	8.3	9.6	7.1
1982	8.5	9.4	7.7	8.7	9.5	8.0	7.3	8.5	6.1	8.2	9.6	6.9
1981	8.6	9.5	7.8	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 ‡	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 §	9.6	11.1	8.2	9.5	11.0	8.1	10.1	11.6	8.7	---	---	---
1962 ¶	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 †												
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	---	---	---

SECTION 1 - GENERAL MORTALITY - PAGE 4

Table 1-2. Death Rates by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-89—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						
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black			
							Both sexes	Male	Female	Both sexes	Male	Female	
DEATH-REGISTRATION STATES —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 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.

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Table 1-3. Age-Adjusted Death Rates by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-89

(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						
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black			
							Both sexes	Male	Female	Both sexes	Male	Female	
UNITED STATES 1													
1989	5.2	6.8	3.9	5.0	6.4	3.8	6.8	9.0	5.1	7.8	10.3	5.9	
1988	5.4	7.0	4.0	5.1	6.6	3.9	6.9	9.1	5.2	7.9	10.4	5.9	
1987	5.4	7.0	4.0	5.1	6.7	3.8	6.9	9.0	5.2	7.8	10.2	5.9	
1986	5.4	7.1	4.1	5.2	6.8	3.9	6.9	9.1	5.3	7.8	10.3	5.9	
1985	5.5	7.2	4.1	5.2	6.9	3.9	7.0	9.1	5.3	7.8	10.2	5.9	
1984	5.5	7.2	4.1	5.2	6.9	3.9	7.0	9.1	5.3	7.7	10.1	5.9	
1983	5.5	7.2	4.1	5.3	7.0	3.9	7.0	9.2	5.4	7.8	10.2	5.9	
1982	5.6	7.3	4.1	5.3	7.1	3.9	7.0	9.3	5.3	7.8	10.4	5.8	
1981	5.7	7.5	4.2	5.4	7.2	4.0	7.3	9.7	5.5	8.0	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 2	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 3	7.6	9.6	5.8	7.2	9.2	5.4	10.5	12.4	8.8	---	---	---	
1962 3	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 4													
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	---	---	---	

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Table 1-3. Age-Adjusted Death Rates by Race and Sex: Death-Registration States, 1900-1932, and United States, 1933-89—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						
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black			
							Both sexes	Male	Female	Both sexes	Male	Female	
DEATH-REGISTRATION STATES ←—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 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.

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Table 1-4. Death Rates by 10-Year Age Groups, Race, and Sex: United States, 1970 and 1976-89

(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												
1989	866.3	1,005.2	49.2	25.4	99.9	138.1	221.7	475.0	1,204.4	2,646.7	6,138.8	15,034.8
1988	882.0	1,008.3	50.9	25.8	102.1	135.4	219.6	486.2	1,235.6	2,729.8	6,321.3	15,594.0
1987	872.4	1,018.5	51.6	25.6	99.4	133.2	214.1	498.0	1,241.3	2,751.3	6,282.5	15,320.8
1986	873.2	1,032.1	52.0	26.0	102.3	132.1	212.9	504.8	1,255.1	2,801.4	6,348.2	15,398.9
1985	873.9	1,067.8	51.4	26.3	95.9	123.4	207.2	516.3	1,282.7	2,838.6	6,445.1	15,480.3
1984	862.3	1,085.6	51.9	26.7	96.8	121.1	204.8	521.1	1,287.8	2,848.1	6,399.3	15,223.6
1983	862.8	1,107.3	55.9	26.9	96.0	121.4	201.9	535.7	1,299.5	2,874.3	6,441.5	15,168.0
1982	852.0	1,164.2	57.6	28.3	101.0	125.2	207.4	549.7	1,297.9	2,885.2	6,329.8	15,048.3
1981	862.4	1,207.3	60.2	29.4	107.1	132.1	221.3	573.5	1,322.1	2,922.3	6,429.9	15,379.7
1980	878.3	1,288.3	63.9	30.6	115.4	135.5	227.9	584.0	1,346.3	2,994.9	6,892.6	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												
1989	921.0	1,107.0	54.2	30.1	147.2	201.2	307.0	617.9	1,564.8	3,439.2	7,929.3	17,615.9
1988	940.0	1,113.7	56.5	30.9	151.0	196.7	301.4	629.0	1,606.9	3,573.8	8,223.2	18,370.8
1987	934.7	1,128.8	57.5	31.9	146.1	192.6	291.8	644.2	1,624.6	3,617.8	8,224.4	18,031.1
1986	940.7	1,152.7	57.9	31.7	151.4	192.7	288.1	653.1	1,648.2	3,701.4	8,353.0	18,187.4
1985	945.0	1,197.0	58.1	31.6	141.1	178.0	278.3	669.0	1,692.6	3,787.7	8,504.2	18,325.1
1984	935.9	1,198.2	57.0	32.1	141.6	173.9	270.2	676.6	1,705.2	3,813.0	8,445.9	18,119.1
1983	942.6	1,223.7	63.3	32.5	140.4	174.6	265.8	694.5	1,725.6	3,885.4	8,539.1	17,977.4
1982	938.0	1,291.5	63.3	34.1	149.2	180.6	272.6	720.4	1,736.1	3,929.2	8,991.4	17,782.0
1981	954.5	1,331.8	67.3	35.7	158.3	190.6	291.9	751.7	1,774.7	3,994.6	8,519.6	18,138.2
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												
1989	814.3	898.4	44.0	20.3	51.6	74.8	138.5	339.8	881.7	2,010.7	5,050.0	14,033.9
1988	826.9	897.7	45.0	20.4	52.1	74.0	140.0	350.9	904.7	2,056.1	5,173.3	14,508.1
1987	813.1	902.2	45.4	19.0	51.7	73.8	138.6	358.8	900.3	2,062.6	5,117.6	14,260.9
1986	809.3	905.8	45.8	19.9	52.3	71.6	139.8	364.8	906.1	2,090.8	5,151.9	14,297.5
1985	806.6	932.4	44.5	20.8	49.9	68.9	138.3	372.5	919.0	2,094.7	5,219.9	14,343.2
1984	792.7	967.5	46.5	21.1	51.1	68.5	141.5	374.6	918.4	2,096.4	5,188.2	14,053.9
1983	787.4	985.4	48.3	21.0	50.7	68.9	140.2	386.0	923.8	2,092.3	5,200.0	14,010.6
1982	770.7	1,030.8	51.6	22.3	51.6	70.4	144.4	389.9	913.9	2,084.7	5,120.7	13,895.2
1981	775.4	1,076.7	52.8	22.8	54.8	74.3	153.2	406.9	925.2	2,100.6	5,201.0	14,202.5
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												
1989	887.2	815.5	43.2	23.6	91.5	118.3	189.0	427.0	1,141.1	2,580.1	6,099.1	15,272.3
1988	905.1	832.0	45.7	23.9	95.1	116.2	188.0	438.8	1,173.0	2,667.6	6,282.9	15,875.6
1987	895.5	845.1	46.4	24.1	93.8	115.7	184.2	451.9	1,182.1	2,688.9	6,247.8	15,580.5
1986	896.2	870.7	46.6	24.4	98.8	115.1	184.6	458.7	1,193.8	2,741.2	6,312.6	15,639.1
1985	897.1	916.3	46.2	24.8	92.9	108.4	181.0	471.5	1,218.7	2,772.8	6,406.8	15,757.0
1984	885.2	931.8	46.9	25.4	94.7	107.2	179.1	477.1	1,223.7	2,784.6	6,367.2	15,508.3
1983	884.6	948.1	50.8	25.6	93.2	107.6	177.8	490.8	1,233.0	2,808.0	6,415.6	15,477.4
1982	872.9	1,018.5	52.8	27.0	98.3	110.2	182.7	504.0	1,233.3	2,822.3	6,329.3	15,296.9
1981	880.3	1,062.0	54.3	28.0	104.6	116.2	192.5	524.9	1,255.7	2,855.9	6,423.4	15,628.0
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
WHITE, MALE												
1989	930.2	909.4	47.8	28.1	132.9	173.5	260.8	551.1	1,486.1	3,362.7	7,911.0	17,978.1
1988	952.2	930.5	51.0	28.9	139.7	169.6	257.2	564.6	1,530.2	3,504.5	8,201.8	18,814.9
1987	947.8	942.1	52.0	30.0	137.3	167.8	249.6	582.8	1,552.8	3,548.4	8,212.2	18,434.9
1986	954.4	976.6	52.2	29.9	145.9	168.8	248.4	592.2	1,573.1	3,634.8	8,341.7	18,576.1
1985	960.0	1,038.9	52.4	29.9	136.3	157.1	241.4	608.8	1,614.3	3,716.8	8,500.4	18,788.9
1984	951.1	1,038.4	51.8	30.5	138.8	154.3	235.1	617.9	1,625.5	3,745.3	8,459.1	18,552.7
1983	957.4	1,052.9	57.3	31.1	137.0	154.8	232.9	636.5	1,642.9	3,816.1	8,556.9	18,443.3
1982	951.8	1,135.5	58.2	32.5	145.6	158.7	238.6	659.9	1,654.6	3,859.8	8,444.7	18,123.1
1981	965.1	1,182.0	60.5	34.2	154.5	167.3	252.4	686.5	1,682.0	3,926.9	8,565.2	18,454.0
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	9,000.7	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

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Table 1-4. Death Rates by 10-Year Age Groups, Race, and Sex: United States, 1970 and 1976-89—Con.

(Page 2 of 3)

[Rates per 100,000 population in specified group]

Year, 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
WHITE, FEMALE												
1989	846.0	716.0	38.4	18.8	48.9	62.0	117.4	307.0	828.4	1,947.5	5,001.7	14,242.8
1988	860.0	728.2	40.2	18.6	49.2	61.7	119.1	317.2	850.5	1,895.9	5,129.3	14,755.9
1987	845.5	742.9	40.5	17.9	49.1	62.6	119.3	325.7	848.5	2,001.8	5,075.2	14,486.9
1986	840.7	759.1	40.7	18.6	50.4	60.4	121.3	330.3	853.3	2,031.8	5,108.7	14,502.9
1985	837.1	786.9	39.7	19.4	48.4	58.9	121.2	339.5	864.1	2,028.3	5,171.4	14,579.4
1984	822.3	818.5	41.6	20.0	49.6	59.5	123.9	341.9	864.9	2,032.5	5,140.0	14,319.6
1983	815.3	837.6	43.9	19.7	48.3	60.1	123.4	351.0	867.8	2,024.7	5,162.2	14,278.3
1982	797.9	895.2	47.0	21.2	49.5	61.3	127.7	355.1	859.8	2,022.9	5,100.7	14,123.9
1981	799.6	935.4	47.7	21.6	53.2	64.7	133.6	370.9	869.4	2,032.8	5,176.3	14,438.2
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	763.1	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												
1989	755.2	1,772.5	73.9	32.5	136.7	239.1	412.8	775.3	1,844.2	3,198.3	6,518.8	12,700.7
1988	757.5	1,745.3	72.3	33.4	133.2	235.2	408.4	783.7	1,884.2	3,249.8	6,692.0	12,789.6
1987	745.8	1,757.0	73.6	31.8	124.9	225.7	396.7	786.7	1,877.2	3,286.6	6,629.7	12,683.3
1986	745.6	1,719.2	75.0	32.5	118.9	223.4	387.9	796.1	1,719.2	3,321.2	6,708.3	12,917.6
1985	743.3	1,720.8	73.8	32.8	110.3	204.5	372.4	805.2	1,781.2	3,412.8	6,827.6	12,516.1
1984	731.5	1,755.4	73.6	32.4	106.7	197.3	369.1	811.2	1,797.7	3,408.2	6,721.9	11,996.5
1983	736.6	1,802.0	78.5	32.7	109.4	198.6	357.6	838.7	1,841.1	3,464.5	6,959.1	11,786.6
1982	728.9	1,745.5	78.4	34.3	114.4	210.3	367.1	868.2	1,840.0	3,458.5	6,343.4	12,159.6
1981	755.0	1,786.5	87.3	35.6	120.0	228.2	408.2	921.0	1,890.8	3,531.9	6,478.6	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	238.4	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												
1989	870.8	1,914.6	80.8	38.2	210.4	351.8	600.0	1,088.6	2,143.3	4,091.4	8,100.8	14,519.1
1988	872.7	1,891.0	78.8	38.9	202.1	346.1	587.3	1,065.7	2,185.8	4,176.6	8,401.2	14,554.7
1987	861.5	1,938.0	81.1	39.9	186.6	331.6	570.9	1,057.9	2,181.8	4,230.8	8,340.0	14,514.5
1986	862.7	1,911.8	82.3	39.6	177.4	329.0	554.0	1,069.2	2,245.8	4,295.7	8,459.3	14,757.5
1985	858.6	1,888.0	82.8	38.7	164.2	298.5	529.9	1,087.4	2,335.6	4,424.9	8,540.1	14,376.6
1984	846.4	1,905.2	79.5	39.0	155.7	289.1	513.2	1,095.0	2,370.5	4,426.4	8,320.3	14,128.4
1983	854.9	1,976.3	89.5	38.7	157.2	292.9	495.5	1,117.4	2,431.9	4,521.8	8,398.0	13,478.4
1982	854.8	1,921.1	85.7	41.2	167.8	313.0	509.5	1,176.7	2,457.7	4,571.7	7,918.1	14,386.4
1981	889.4	1,934.3	98.8	43.0	178.5	338.8	567.5	1,255.7	2,522.6	4,626.0	8,056.0	14,695.9
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	2,583.9	4,577.3	7,973.5	14,282.7
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	7,878.2	14,380.3
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	8,991.0	11,405.2
ALL OTHER, FEMALE												
1989	649.5	1,626.0	66.8	26.6	63.2	136.5	253.0	530.5	1,234.6	2,520.0	5,538.0	11,857.8
1988	652.2	1,600.0	64.6	27.7	64.6	134.3	255.9	548.4	1,274.5	2,550.1	5,626.3	11,980.1
1987	640.0	1,571.5	65.8	23.5	63.5	129.5	248.4	559.4	1,265.1	2,571.2	5,542.5	11,809.8
1986	638.8	1,521.8	67.5	25.2	60.9	128.0	246.6	568.9	1,287.7	2,589.7	5,591.5	12,025.5
1985	638.1	1,550.3	64.6	26.7	57.1	120.0	238.7	570.7	1,329.3	2,659.2	5,741.9	11,688.6
1984	627.0	1,603.0	67.4	25.7	58.4	115.3	246.3	575.9	1,328.8	2,648.8	5,691.1	11,104.7
1983	629.2	1,618.9	67.2	26.5	62.4	115.1	240.8	607.5	1,359.4	2,682.6	5,607.8	10,944.5
1982	614.5	1,560.7	71.0	27.3	61.7	119.1	245.4	615.7	1,346.8	2,637.3	5,329.5	11,130.5
1981	633.0	1,634.5	75.6	28.2	62.8	127.3	272.4	646.1	1,383.1	2,715.2	5,463.9	11,371.7
1980	660.6	1,944.1	79.5	29.8	68.0	135.7	288.3	687.8	1,423.1	2,956.2	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	3,875.6	6,392.6	10,288.9
BLACK												
1989	872.9	2,023.7	80.6	35.0	150.8	280.6	503.6	920.9	1,883.8	3,611.9	7,280.3	13,442.8
1988	874.2	1,996.6	80.8	36.0	145.2	275.4	499.3	924.6	1,923.9	3,649.7	7,440.9	13,482.5
1987	856.9	2,003.7	82.1	33.9	135.0	263.1	480.4	923.0	1,907.1	3,668.6	7,313.9	13,222.6
1986	854.2	1,955.3	83.8	34.5	126.5	259.1	465.8	928.6	1,955.6	3,697.9	7,338.4	13,515.2
1985	845.7	1,951.1	80.0	34.8	115.9	235.4	443.7	935.7	2,007.5	3,759.0	7,407.4	13,076.0
1984	828.5	1,964.1	78.8	35.2	111.9	226.7	435.9	932.4	2,016.0	3,740.0	7,254.4	12,468.9
1983	830.5	2,032.9	85.3	34.5	114.4	226.1	417.2	956.6	2,059.7	3,773.6	7,215.8	12,320.9
1982	819.2	1,963.2	84.9	36.9	118.7	240.4	429.9	987.3	2,053.9	3,769.2	6,773.3	12,792.4
1981	841.7	1,992.7	93.6	37.7	124.3	255.9	470.5	1,041.1	2,094.4	3,816.3	6,904.8	13,073.7
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

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Table 1-4. Death Rates by 10-Year Age Groups, Race, and Sex: United States, 1970 and 1976-89—Con.

(Page 3 of 3)
[Rates per 100,000 population in specified group]

Year, 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
BLACK, MALE												
1989	1,006.5	2,179.0	88.4	41.7	235.8	417.1	744.1	1,296.9	2,439.6	4,621.3	9,064.4	15,355.6
1988	1,006.8	2,167.7	90.5	42.1	223.3	409.7	728.3	1,282.2	2,477.5	4,695.3	9,419.9	15,454.3
1987	989.5	2,211.4	90.5	42.5	203.9	389.8	701.5	1,263.6	2,464.7	4,737.6	9,240.7	15,226.1
1986	987.7	2,181.7	90.9	42.0	190.5	385.6	675.9	1,266.5	2,545.5	4,789.9	9,290.8	15,488.1
1985	976.8	2,134.8	89.0	41.3	174.1	347.4	641.8	1,283.3	2,623.1	4,888.7	9,298.4	15,046.2
1984	958.1	2,136.6	85.2	42.4	163.9	335.6	616.0	1,273.5	2,658.3	4,874.5	9,023.1	14,642.9
1983	963.3	2,243.4	96.8	40.9	165.0	335.8	586.5	1,287.3	2,713.1	4,949.3	9,100.0	14,155.6
1982	960.4	2,168.9	93.4	44.4	175.4	360.3	606.7	1,352.1	2,758.1	5,040.1	8,477.2	15,117.9
1981	991.6	2,164.8	105.3	45.2	186.7	387.1	667.9	1,432.5	2,804.1	5,046.3	8,635.1	15,396.4
1980	1,034.1	2,566.7	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												
1989	752.4	1,863.9	72.5	28.1	67.8	158.4	302.0	617.1	1,424.2	2,854.5	6,211.4	12,526.7
1988	754.5	1,821.5	70.7	29.8	69.0	155.5	307.7	633.9	1,465.5	2,874.9	6,255.3	12,694.3
1987	737.3	1,791.5	73.5	25.0	67.9	150.0	295.9	646.3	1,445.0	2,874.5	6,145.7	12,313.2
1986	733.9	1,731.1	76.5	26.9	64.3	146.5	290.2	654.6	1,469.8	2,892.3	6,148.8	12,510.3
1985	727.7	1,756.6	70.8	28.1	59.5	136.3	278.4	654.0	1,501.7	2,925.7	6,252.0	12,154.7
1984	712.0	1,789.1	72.2	27.8	61.6	130.6	285.7	655.0	1,489.7	2,907.4	6,184.1	11,439.1
1983	711.2	1,818.6	73.6	28.0	65.6	130.0	276.1	685.8	1,526.3	2,930.6	6,064.6	11,329.5
1982	692.4	1,760.1	76.4	29.4	63.5	134.8	282.7	693.1	1,498.3	2,863.0	5,708.5	11,660.0
1981	707.3	1,823.4	81.6	30.0	64.0	141.1	306.1	723.9	1,527.9	2,929.7	5,822.3	11,933.0
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	716.0	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

† Figures for age not stated included in "Total" but not distributed among age groups.

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

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Table 1-6. Mortality From 15 Leading Causes of Death: United States, 1989

[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	866.3	100.0
1 Diseases of heart (390-398,402,404-429)	295.6	34.1
2 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	199.9	23.1
3 Cerebrovascular diseases (430-438)	58.6	6.8
4 Accidents and adverse effects (E800-E949)	38.3	4.4
... Motor vehicle accidents (E810-E825)	19.2	2.2
... All other accidents and adverse effects (E800-E807,E826-E949)	19.1	2.2
5 Chronic obstructive pulmonary diseases and allied conditions (490-496)	34.0	3.9
6 Pneumonia and influenza (480-487)	30.8	3.6
7 Diabetes mellitus (250)	18.9	2.2
8 Suicide (E950-E959)	12.2	1.4
9 Chronic liver disease and cirrhosis (571)	10.8	1.2
10 Homicide and legal intervention (E960-E978)	9.2	1.1
11 Human immunodeficiency virus infection (*042-*044)	8.9	1.0
12 Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.5	1.0
13 Atherosclerosis (440)	7.8	.9
14 Septicemia (038)	7.8	.9
15 Certain conditions originating in the perinatal period (760-779)	7.6	.9
... All other causes	117.5	13.6

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Table 1-7. Death Rates for 72 Selected Causes: United States, 1979-89

[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	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979
All causes	866.3	882.0	872.4	873.2	873.9	862.3	862.8	852.0	862.4	878.3	852.2
Shigellosis and amebiasis (004,006)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (007-009)	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1
Tuberculosis (010-018)	.8	.8	.7	.7	.7	.7	.8	.8	.8	.9	.9
Tuberculosis of respiratory system (010-012)	6	6	6	6	6	6	6	6	7	7	7
Other tuberculosis (013-018)	.2	.2	.1	.2	.2	.2	.2	.1	.2	.2	.2
Whooping cough (033)	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Meningococcal infection (036)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2
Septicemia (038)	7.8	8.5	8.2	7.8	7.2	6.4	5.7	5.0	4.6	4.2	3.6
Acute poliomyelitis (045)	*	.0	-	-	.0	-	-	-	-	0	.0
Measles (055)	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Viral hepatitis (070)	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.3
Syphilis (090-097)	.0	.0	.0	.0	.0	.0	.1	.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)	11.8	9.5	8.0	3.9	3.1	2.6	2.1	1.9	1.9	1.8	1.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	199.9	197.3	195.9	194.7	193.3	191.8	189.3	187.2	184.0	183.9	179.6
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.3	3.3	3.3	3.4	3.5	3.6	3.6	3.7	3.7	3.8	3.8
Malignant neoplasms of digestive organs and peritoneum (150-159)	48.2	47.8	48.2	48.3	48.8	49.3	48.7	48.6	48.5	48.8	48.6
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	57.3	56.2	55.5	54.1	53.3	52.3	51.3	50.2	48.5	47.9	45.9
Malignant neoplasm of breast (174-175)	17.4	17.3	16.9	16.9	16.9	16.8	16.3	16.3	16.0	15.8	15.4
Malignant neoplasms of genital organs (179-187)	22.1	21.7	21.3	21.3	20.8	20.7	20.8	20.5	20.4	20.5	20.2
Malignant neoplasms of urinary organs (188-189)	8.2	7.9	8.0	7.9	7.9	7.9	7.9	8.0	7.8	7.9	7.8
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	24.6	24.9	24.9	24.7	24.3	23.8	23.4	22.9	22.5	22.4	21.6
Leukemia (204-208)	7.4	7.2	7.1	7.2	7.3	7.2	7.2	7.2	7.1	7.3	7.1
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	11.5	11.1	10.8	10.9	10.5	10.2	10.0	9.8	9.4	9.5	9.1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2.7	2.7	2.7	2.8	2.8	2.7	2.8	2.8	2.7	2.7	2.6
Diabetes mellitus (250)	18.9	16.4	15.8	15.4	15.5	15.1	15.5	14.9	15.1	15.4	14.8
Nutritional deficiencies (260-269)	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0
Anemias (280-285)	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
Meningitis (320-322)	.4	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6
Major cardiovascular diseases (390-448)	375.4	394.4	395.9	401.6	409.6	411.6	419.2	417.6	424.2	436.4	426.7
Diseases of heart (390-398,402,404-429)	295.6	311.3	312.4	317.5	323.0	323.5	329.2	326.0	328.7	336.0	326.5
Rheumatic fever and rheumatic heart disease (390-398)	2.5	2.6	2.6	2.7	2.8	2.9	2.9	3.0	3.2	3.5	3.5
Hypertensive heart disease (402)	8.4	8.5	8.5	8.5	8.7	8.8	9.0	9.0	9.1	9.3	9.3
Hypertensive heart and renal disease (404)	1.0	1.0	1.0	1.0	1.2	1.2	1.3	1.3	1.5	1.6	1.6
Ischemic heart disease (410-414)	200.6	207.3	210.4	216.0	224.8	228.9	236.1	238.5	242.1	249.7	245.5
Acute myocardial infarction (410)	99.5	100.9	104.2	108.3	114.9	118.0	122.3	125.6	127.5	132.2	133.8
Other acute and subacute forms of ischemic heart disease (411)	1.4	1.4	1.5	1.6	1.7	1.7	1.7	1.8	2.0	2.1	2.1
Angina pectoris (413)	.4	.4	.4	.4	.4	.4	.3	.3	.2	.2	.2
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	99.4	104.6	104.4	105.7	107.9	108.8	111.7	110.9	112.3	115.1	109.4
Other diseases of endocardium (424)	4.9	4.8	4.5	4.2	4.0	3.7	3.6	3.4	3.2	3.2	2.9
All other forms of heart disease (415-423,425-429)	78.2	87.1	85.3	85.1	81.5	78.1	76.3	70.8	69.7	68.7	63.7
Hypertension with or without renal disease (401,403)	3.5	3.4	3.3	3.3	3.2	3.3	3.3	3.3	3.3	3.5	3.2
Cerebrovascular diseases (430-438)	58.6	61.2	61.6	62.1	64.1	65.3	66.5	68.0	71.3	75.1	75.5
Intracerebral and other intracranial hemorrhage (431-432)	8.3	8.6	8.5	8.5	8.7	8.5	8.3	8.6	8.8	9.2	9.7
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434,0,434.9)	8.0	8.7	9.2	9.7	10.3	10.7	11.3	12.2	13.5	15.0	15.9
Cerebral embolism (434.1)	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4
All other and late effects of cerebrovascular diseases (430,433,435-438)	42.1	43.6	43.6	43.5	44.8	45.7	46.6	46.9	48.6	50.6	49.5
Atherosclerosis (440)	7.8	9.0	9.2	9.4	10.0	10.3	11.3	11.6	12.2	13.0	12.8
Other diseases of arteries, arterioles, and capillaries (441-448)	9.8	9.4	9.4	9.3	9.2	9.2	9.0	8.7	8.7	8.8	8.7
Acute bronchitis and bronchiolitis (466)	.3	.3	.2	.2	.3	.2	.2	.2	.2	.3	.2
Pneumonia and influenza (480-487)	30.8	31.6	28.4	29.0	28.3	24.9	23.9	21.1	23.4	24.1	20.1
Pneumonia (480-486)	30.2	30.8	28.2	28.2	27.5	24.4	23.3	20.8	22.1	22.9	19.8
Influenza (487)	.6	.8	.3	.8	.9	.5	.6	.3	1.3	1.2	.3
Chronic obstructive pulmonary diseases and allied conditions (490-496)	34.0	33.7	32.2	31.8	31.3	29.2	28.3	25.8	25.7	24.7	22.2
Bronchitis, chronic and unspecified (490-491)	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6
Emphysema (492)	6.2	6.3	6.0	6.0	5.9	5.6	5.7	5.5	5.8	6.1	6.0
Asthma (493)	2.0	1.9	1.8	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	24.3	24.0	23.0	22.6	22.2	20.6	19.6	17.4	16.9	15.7	13.4
Ulcer of stomach and duodenum (531-533)	2.6	2.6	2.6	2.7	2.8	2.8	2.7	2.9	2.8	2.7	2.6
Appendicitis (540-543)	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.4
Chronic liver disease and cirrhosis (571)	10.8	10.7	10.8	10.9	11.2	11.6	11.7	11.9	12.8	13.5	13.2
Cholelithiasis and other disorders of gallbladder (574-575)	1.2	1.3	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.5	1.4
Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.5	9.1	9.1	9.0	8.9	8.5	8.1	7.8	7.5	7.4	7.0
Acute glomerulonephritis and nephrotic syndrome (580-581)	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	.6	.6	.6	.6	.7	.8	.8	.8	.9	1.0	1.1
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	7.8	8.4	8.3	8.3	8.1	7.6	7.2	6.8	6.5	6.3	5.8
Infections of kidney (590)	.6	.7	.7	.8	.8	.9	.9	1.0	1.0	1.2	1.3
Hyperplasia of prostate (600)	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.4
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)	5.2	5.2	5.1	5.2	5.4	5.5	5.6	5.9	5.9	6.2	6.0
Certain conditions originating in the perinatal period (760-779)	7.6	7.4	7.5	7.6	8.1	8.0	8.3	9.0	9.4	10.1	10.4
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	1.9	1.7	1.8	1.9	2.2	2.2	2.3	2.7	2.9	3.3	3.6
Other conditions originating in the perinatal period (760-766,770-779)	5.7	5.7	5.7	5.7	5.9	5.8	6.0	6.3	6.5	6.7	6.9
Symptoms, signs, and ill-defined conditions (780-799)	10.9	12.6	12.8	13.0	13.0	12.6	12.7	12.9	12.9	12.7	12.3
All other diseases (Residual)	69.1	68.3	66.0	65.6	62.7	58.1	55.6	51.8	51.4	50.9	47.8
Accidents and adverse effects (E800-E949)	38.3	39.5	39.0	39.5	39.1	39.3	39.5	40.6	43.9	46.7	46.9
Motor vehicle accidents (E810-E825)	19.2	20.0	19.8	19.9	19.2	19.6	19.0	19.8	22.4	23.5	23.8
All other accidents and adverse effects (E800-E807,E826-E949)	19.1	19.5	19.2	19.7	19.9	19.7	20.5	20.8	21.5	23.2	23.1
Suicide (E950-E959)	12.2	12.4	12.7	12.8	12.3	12.4	12.1	12.2	12.0	11.9	12.1
Homicide and legal intervention (E960-E978)	9.2	9.0	8.7	9.0	8.3	8.4	8.6	9.6	10.3	10.7	10.0
All other external causes (E980-E999)	1.1	1.2	1.2	1.3	1.2	1.3	1.3	1.4	1.6	1.6	1.7

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	11.8	10.0	1.5	0.5	0.3	0.6	3.7	14.0	24.3	27.8
Male	19.6	10.3	1.5	.6	.3	.7	5.8	24.0	41.9	50.1
Female	4.3	9.8	1.5	.4	.3	.5	1.6	3.9	6.7	6.0
White	9.9	7.0	1.0	.5	.3	.5	2.8	11.0	19.1	21.7
Male	16.8	7.8	.9	.6	.3	.6	4.5	19.7	34.5	40.6
Female	3.2	6.1	1.1	.4	*	.3	1.1	2.1	3.4	2.6
All other	21.9	22.4	3.4	.6	*	1.0	7.8	29.1	51.3	61.9
Male	34.9	20.4	3.8	*	*	1.1	12.1	47.2	82.7	106.6
Female	10.0	24.4	3.1	*	*	*	3.7	12.5	23.0	23.1
Black	26.9	25.5	4.2	.7	*	1.2	9.6	35.9	65.2	80.0
Male	43.2	22.6	4.5	*	*	*	15.0	58.8	105.6	139.4
Female	12.2	28.5	3.9	*	*	*	4.5	15.3	29.4	29.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	199.9	2.7	3.4	3.4	3.1	4.3	5.8	8.6	15.5	30.0
Male	217.6	2.5	3.7	3.6	3.6	4.9	6.7	9.2	14.3	26.6
Female	183.0	3.0	3.2	3.3	2.7	3.6	5.0	8.0	16.7	33.3
White	207.8	2.9	3.4	3.5	3.2	4.3	5.7	8.5	14.9	28.1
Male	223.3	2.8	3.9	3.7	3.7	4.8	6.5	9.1	13.7	25.1
Female	192.9	3.0	3.0	3.4	2.6	3.6	4.8	7.8	16.1	31.1
All other	157.8	*	3.3	3.0	3.0	4.3	6.6	9.5	19.0	40.6
Male	186.6	*	2.7	3.2	3.1	5.0	7.6	10.1	18.0	35.6
Female	131.5	*	4.0	2.8	2.8	3.5	5.6	8.9	19.9	44.8
Black	181.2	*	3.3	3.0	3.1	4.5	7.4	9.9	21.1	45.5
Male	216.2	*	2.9	3.4	3.2	5.2	8.8	10.7	19.3	40.9
Female	149.6	*	3.7	2.7	2.9	3.7	6.0	9.2	22.6	49.4
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.3	*	*	*	*	*	.1	*	.1	.5
Male	4.4	*	*	*	*	*	.4	*	*	.7
Female	2.2	*	*	*	*	*	*	*	*	.4
White	3.2	*	*	*	*	*	*	*	.1	.4
Male	4.2	*	*	*	*	*	*	*	*	.4
Female	2.2	*	*	*	*	*	*	*	*	.3
All other	3.6	*	*	*	*	*	*	*	*	1.3
Male	5.6	*	*	*	*	*	*	*	*	2.1
Female	1.8	*	*	*	*	*	*	*	*	*
Black	4.1	*	*	*	*	*	*	*	*	1.5
Male	6.5	*	*	*	*	*	*	*	*	2.3
Female	1.9	*	*	*	*	*	*	*	*	*
Malignant neoplasms of digestive organs and peritoneum (150-159)	48.2	*	*	*	*	.2	.5	.9	2.1	4.6
Male	52.2	*	*	*	*	*	.4	1.1	2.3	5.3
Female	44.4	*	*	*	*	*	.5	.7	1.9	3.8
White	49.2	*	*	*	*	*	.3	.8	1.8	3.9
Male	52.7	*	*	*	*	*	.3	.9	1.8	4.4
Female	45.8	*	*	*	*	*	.4	.6	1.8	3.3
All other	43.0	*	*	*	*	*	1.1	1.4	3.6	8.3
Male	49.7	*	*	*	*	*	1.2	1.9	4.8	10.4
Female	36.9	*	*	*	*	*	*	*	2.6	6.5
Black	47.9	*	*	*	*	*	1.2	1.3	4.1	8.5
Male	54.9	*	*	*	*	*	*	1.7	5.3	10.6
Female	41.6	*	*	*	*	*	*	*	3.0	6.7
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	57.3	*	*	*	*	.1	.1	.3	1.0	3.7
Male	76.8	*	*	*	*	*	.4	1.1	4.7	4.7
Female	38.8	*	*	*	*	*	*	.3	.9	2.8
White	60.0	*	*	*	*	*	*	.3	.9	3.3
Male	79.1	*	*	*	*	*	*	.4	1.1	4.1
Female	41.6	*	*	*	*	*	*	.2	.8	2.5
All other	43.3	*	*	*	*	*	*	*	1.5	6.1
Male	64.5	*	*	*	*	*	*	*	1.6	8.5
Female	23.9	*	*	*	*	*	*	*	1.3	4.1
Black	50.6	*	*	*	*	*	*	*	1.6	7.5
Male	76.4	*	*	*	*	*	*	*	1.8	10.4
Female	27.4	*	*	*	*	*	*	*	1.5	5.0
Malignant neoplasm of breast (174-175)	17.4	*	*	*	*	*	*	.6	2.3	6.1
Male .....	.2	*	*	*	*	*	*	*	*	*
Female	33.7	*	*	*	*	*	*	1.3	4.7	12.1
White	18.3	*	*	*	*	*	*	.5	2.1	5.6
Male .....	.3	*	*	*	*	*	*	*	*	*
Female	35.6	*	*	*	*	*	*	1.1	4.3	11.1
All other	12.4	*	*	*	*	*	*	1.1	3.4	9.2
Male .....	.2	*	*	*	*	*	*	*	*	*
Female	23.6	*	*	*	*	*	*	2.1	6.5	17.1
Black	14.5	*	*	*	*	*	*	1.3	4.1	10.7
Male .....	.2	*	*	*	*	*	*	*	*	*
Female	27.3	*	*	*	*	*	*	2.5	7.8	19.8
Malignant neoplasms of genital organs (179-187)	22.1	*	*	*	*	.1	.5	.9	1.8	2.9
Male	25.7	*	*	*	*	*	.4	.7	.6	.6
Female	18.7	*	*	*	*	*	.5	1.2	3.0	5.1
White	22.3	*	*	*	*	.1	.5	1.0	1.7	2.7
Male	25.5	*	*	*	*	*	.5	.8	.7	.7
Female	19.2	*	*	*	*	*	.5	1.1	2.8	4.8
All other	21.3	*	*	*	*	*	*	.9	2.1	3.9
Male	27.3	*	*	*	*	*	*	*	*	*
Female	15.9	*	*	*	*	*	*	1.6	3.6	6.9
Black	25.3	*	*	*	*	*	*	.9	2.3	4.2
Male	33.3	*	*	*	*	*	*	*	*	*
Female	18.1	*	*	*	*	*	*	1.5	3.9	7.2

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	23.3	17.8	13.4	10.4	9.1	9.3	10.2	13.2	15.5	22.7
Male	42.8	33.0	23.7	17.3	13.9	12.7	12.7	17.8	20.9	27.5
Female	4.6	3.4	3.6	4.0	4.8	6.4	8.2	10.2	12.6	20.8
White	18.6	15.2	11.4	9.1	8.3	8.6	9.7	12.8	15.3	22.9
Male	35.1	28.7	20.6	15.4	12.7	11.7	12.3	17.1	20.1	27.7
Female	2.3	2.0	2.6	3.2	4.5	6.0	7.6	9.9	12.7	21.1
All other	52.9	34.7	25.3	18.8	14.6	15.0	14.7	17.2	17.9	21.0
Male	94.7	62.4	44.4	30.6	23.4	21.5	16.6	23.9	29.1	25.8
Female	17.8	11.5	9.4	9.0	7.5	9.9	13.3	12.9	11.4	18.8
Black	68.7	44.0	31.2	22.2	17.1	17.0	16.3	18.9	17.2	22.5
Male	123.8	80.0	56.1	36.6	27.4	24.6	19.0	27.8	26.4	*
Female	23.1	14.7	11.3	10.2	8.6	11.1	14.5	13.4	12.1	20.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	58.4	113.9	208.7	350.9	538.1	739.6	996.1	1,233.0	1,508.2	1,662.3
Male	52.4	113.7	221.7	409.0	646.7	915.3	1,299.0	1,695.0	2,210.3	2,563.3
Female	64.3	114.1	196.5	303.2	441.1	592.9	766.0	930.9	1,129.6	1,312.9
White	54.8	107.1	199.7	339.5	527.9	727.1	986.7	1,226.3	1,496.5	1,664.9
Male	47.7	104.0	204.4	381.1	629.8	890.5	1,271.0	1,671.9	2,180.0	2,566.1
Female	61.9	110.0	193.2	301.0	437.6	599.3	768.8	935.1	1,130.5	1,322.1
All other	80.7	157.2	270.3	425.4	613.3	839.0	1,078.1	1,293.5	1,632.9	1,635.9
Male	84.0	176.6	336.2	555.9	795.0	1,117.3	1,542.4	1,903.4	2,517.9	2,539.3
Female	77.8	138.4	215.4	317.4	465.5	620.3	741.9	895.9	1,129.6	1,217.2
Black	94.0	185.0	314.6	486.5	693.0	947.6	1,200.3	1,447.3	1,825.0	1,747.0
Male	97.7	217.6	404.8	640.4	899.1	1,271.9	1,737.6	2,180.7	2,882.4	2,787.5
Female	90.8	158.5	242.3	357.9	532.8	692.6	822.0	988.6	1,241.8	1,282.4
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	1.2	2.8	5.0	9.0	11.3	12.5	14.6	15.1	16.7	19.7
Male	1.8	4.5	7.6	13.6	17.6	18.9	21.9	22.8	26.3	28.7
Female .....	.6	1.2	2.5	4.8	5.9	7.2	9.0	10.0	11.5	16.1
White .....	.9	2.0	4.0	7.9	10.6	11.8	14.6	15.1	17.0	20.3
Male	1.3	3.2	5.9	11.5	16.3	17.5	21.3	22.7	26.4	29.7
Female .....	.5	.9	2.1	4.6	5.6	7.0	9.4	10.2	11.9	16.8
All other	3.4	7.7	11.2	16.2	16.9	18.0	14.7	14.4	13.5	13.2
Male	5.5	13.5	18.6	28.4	28.1	29.9	27.3	23.9	24.8	*
Female	1.7	2.9	5.1	6.1	7.8	8.6	5.5	8.2	*	*
Black	3.8	9.5	13.4	18.5	19.2	20.0	16.0	15.6	12.9	13.6
Male	6.4	16.8	22.2	32.1	31.9	34.6	30.7	26.7	26.4	*
Female	*	3.6	6.3	7.1	8.8	8.5	5.7	8.7	*	*
Malignant neoplasms of digestive organs and peritoneum (150-159)	9.6	20.6	41.6	73.4	115.9	169.7	243.5	319.3	428.1	537.0
Male	12.1	26.9	53.3	96.5	152.8	219.9	317.8	408.6	550.8	670.1
Female	7.3	14.7	30.6	52.4	83.5	127.8	186.9	260.9	361.8	485.4
White	8.5	18.4	37.5	67.7	109.8	162.0	236.1	312.4	420.3	535.0
Male	10.5	23.4	46.7	88.3	144.9	210.6	307.1	399.7	542.5	669.1
Female	6.6	13.5	28.7	48.6	78.7	121.1	181.7	255.3	354.9	483.9
All other	16.6	34.9	66.6	110.9	161.1	230.6	308.5	381.8	510.7	557.7
Male	22.9	50.9	97.1	153.4	214.5	295.8	414.2	499.1	635.9	678.7
Female	11.2	21.5	41.2	75.7	117.7	179.3	232.0	311.8	440.3	501.6
Black	17.8	38.6	75.3	123.8	176.5	253.6	330.7	417.3	562.1	575.4
Male	24.9	58.1	113.1	172.0	229.1	322.6	436.9	539.6	695.6	705.6
Female	12.0	22.6	45.1	83.6	133.5	199.2	256.2	340.8	488.5	515.2
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	11.3	31.5	69.2	126.4	197.7	259.7	321.7	342.8	326.3	232.2
Male	14.1	41.0	91.8	174.7	279.9	377.1	490.1	566.6	608.0	500.7
Female	8.6	22.5	49.0	82.4	125.5	161.6	193.4	196.5	174.4	128.1
White	10.3	29.3	65.9	123.4	195.5	258.2	322.5	345.0	327.8	234.0
Male	12.2	36.8	84.5	165.8	272.4	368.8	484.5	564.7	608.7	510.2
Female	8.4	22.1	48.1	84.0	127.3	165.0	198.4	201.3	177.3	129.0
All other	17.7	45.2	89.3	146.8	213.6	271.5	314.4	323.4	310.7	214.6
Male	27.2	69.5	140.2	237.0	338.0	445.0	541.0	584.0	600.9	419.1
Female	9.8	24.9	47.1	72.1	112.7	135.2	150.3	163.4	143.3	119.8
Black	21.4	54.9	107.2	172.1	246.7	313.1	353.7	358.4	342.2	227.5
Male	33.0	86.4	172.8	278.1	385.9	516.9	625.9	673.3	685.7	465.3
Female	11.7	29.3	54.6	83.6	132.5	153.4	161.4	161.5	152.7	122.4
Malignant neoplasm of breast (174-175)	12.3	19.0	27.8	37.0	46.4	56.6	69.1	85.4	104.2	135.0
Male .....	.8	.4	.4	.7	.7	.8	1.6	2.1	2.2	4.1
Female	24.2	37.1	53.6	70.5	86.6	103.3	120.5	139.8	159.1	185.8
White	11.9	18.0	27.3	36.8	47.0	57.3	70.3	87.2	106.1	138.0
Male .....	.8	.7	.8	.8	.7	.7	1.5	2.3	2.1	4.2
Female	23.6	35.5	53.1	70.6	88.0	104.9	123.0	142.8	161.8	188.9
All other	15.0	25.5	30.8	38.4	42.1	51.7	58.2	69.0	83.1	105.7
Male .....	.8	.7	.8	.8	.7	.7	1.5	2.3	2.1	4.2
Female	27.4	46.6	56.2	69.5	75.9	91.2	98.5	113.7	129.9	153.1
Black	18.1	30.4	35.7	42.2	48.3	58.4	67.2	78.4	98.4	120.8
Male .....	.8	.7	.8	.8	.7	.7	1.5	2.3	2.1	4.2
Female	32.8	54.7	64.2	76.8	88.0	102.5	112.7	127.1	150.3	170.9
Malignant neoplasms of genital organs (179-187)	4.9	8.2	14.1	23.8	43.3	72.8	110.6	161.8	227.8	274.1
Male .....	.8	1.3	4.7	15.3	38.7	81.5	156.7	273.4	463.2	698.0
Female	8.9	14.7	23.0	31.6	47.2	65.5	75.5	88.8	100.9	109.7
White	4.5	7.8	13.2	22.5	41.0	68.3	104.3	152.5	216.3	264.9
Male .....	.9	1.2	4.0	13.2	35.4	73.6	143.7	253.2	435.2	675.7
Female	8.1	14.3	22.1	31.1	46.0	63.8	74.1	86.7	99.0	108.6
All other	7.7	10.1	19.6	32.5	59.6	108.2	166.4	245.3	351.1	364.1
Male .....	.8	1.3	4.7	15.3	38.7	81.5	156.7	273.4	463.2	698.0
Female	13.7	16.5	28.1	34.6	55.3	78.6	88.2	108.5	122.4	120.8
Black	8.8	12.0	22.4	37.2	68.4	126.2	195.3	287.0	408.6	404.7
Male8	1.3	4.7	15.3	38.7	81.5	156.7	273.4	463.2	698.0
Female	15.6	19.1	30.8	38.5	60.7	86.6	101.3	124.4	139.4	134.5

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	1.4	3.7	6.4	11.9	18.9	27.1	40.7	55.7	77.4	94.3
Male	2.0	5.3	8.9	17.5	28.0	39.7	64.1	92.5	132.3	174.1
Female	.9	2.2	4.0	6.7	11.0	16.5	22.9	31.6	47.8	63.3
White	1.4	3.8	6.4	12.1	19.4	27.3	41.2	56.8	78.5	95.5
Male	1.9	5.5	8.9	17.9	29.2	40.3	65.1	94.7	135.7	180.3
Female	.8	2.1	4.0	6.7	10.7	16.3	22.9	32.0	47.9	63.3
All other	1.8	3.5	6.6	10.5	15.8	25.1	36.0	45.4	65.5	81.9
Male	2.4	4.0	9.3	14.8	18.9	34.7	54.4	72.7	98.3	121.3
Female	*	3.1	4.3	7.0	13.2	17.5	22.7	27.7	46.8	63.5
Black	2.0	4.4	7.4	12.4	17.5	28.2	40.1	53.7	71.9	86.4
Male	*	5.3	11.0	17.1	20.3	38.3	61.3	87.7	112.1	127.8
Female	*	3.8	4.6	8.4	15.2	20.2	25.1	32.4	49.7	67.9
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	10.6	17.4	29.2	43.4	63.9	82.6	107.5	134.8	169.1	200.6
Male	12.8	21.3	36.2	53.1	81.0	104.9	136.1	174.3	221.2	258.7
Female	8.6	13.8	22.6	34.6	48.8	63.9	85.8	109.0	141.0	178.1
White	10.6	17.3	29.2	43.1	63.7	83.0	108.0	136.4	170.0	203.6
Male	12.4	21.0	35.7	52.2	80.6	105.7	136.4	176.4	221.3	262.4
Female	8.9	13.7	22.9	34.8	48.7	63.8	86.2	110.3	142.5	181.3
All other	10.7	18.4	29.1	45.3	64.9	79.4	103.5	120.1	160.2	170.8
Male	15.1	23.6	39.5	59.6	84.0	97.8	133.4	155.0	220.5	227.0
Female	7.0	14.1	20.5	33.5	49.4	64.9	81.9	97.3	125.9	144.8
Black	12.9	21.4	33.9	52.8	73.9	87.3	114.8	133.7	173.4	179.2
Male	18.2	28.1	48.3	69.5	94.9	107.2	147.8	173.8	245.1	245.8
Female	8.6	15.9	22.4	38.8	56.8	71.7	91.7	108.7	133.9	149.1
Leukemia (204-208)	2.7	3.8	5.5	8.8	14.5	20.8	33.1	43.5	61.5	73.7
Male	3.3	4.5	6.3	10.6	18.7	28.3	44.1	63.6	87.1	100.0
Female	2.2	3.2	4.7	7.2	10.9	14.5	24.7	30.3	47.6	63.5
White	2.7	3.8	5.5	8.9	14.7	21.2	33.6	45.0	62.4	76.0
Male	3.1	4.5	6.2	10.6	18.9	28.8	44.8	66.0	87.4	103.4
Female	2.2	3.2	4.7	7.3	11.0	14.9	25.1	31.4	49.1	65.5
All other	3.1	3.6	5.4	8.4	13.1	17.5	28.1	29.2	51.1	51.6
Male	4.2	4.0	6.5	11.1	16.7	24.5	37.8	41.6	84.6	70.8
Female	2.2	3.2	4.5	6.2	10.2	12.1	21.1	21.1	31.8	42.7
Black	3.5	4.1	6.1	8.9	13.9	18.9	29.7	33.1	59.8	55.9
Male	4.6	5.3	7.4	11.2	16.5	26.1	40.9	46.5	101.1	79.2
Female	2.5	3.1	5.0	6.9	11.8	13.2	21.8	24.7	37.0	45.5
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	4.2	6.8	10.0	17.0	26.1	37.9	55.3	74.8	97.2	95.7
Male	5.5	8.7	12.5	21.2	31.2	44.2	65.6	91.2	119.1	128.8
Female	3.0	4.9	7.6	13.1	21.7	32.5	47.4	64.0	85.3	82.8
White	4.1	6.5	9.7	17.0	26.1	38.0	56.1	75.8	98.1	97.6
Male	5.4	8.4	12.1	21.3	31.3	44.5	66.6	92.2	120.7	131.0
Female	2.9	4.8	7.4	13.1	21.5	32.5	48.0	65.1	86.0	84.9
All other	4.6	8.2	11.7	16.4	26.3	37.0	48.2	65.0	87.1	76.5
Male	5.8	11.2	15.6	20.9	29.9	42.2	57.3	81.5	102.6	110.1
Female	3.6	5.7	8.4	12.6	23.3	32.9	41.7	54.2	78.6	60.9
Black	5.6	9.7	13.2	18.6	28.6	41.9	52.8	70.0	95.7	83.5
Male	7.2	13.9	18.0	23.8	32.3	47.8	62.4	85.6	115.4	119.4
Female	4.3	6.4	9.3	14.3	25.6	37.3	46.1	60.2	84.8	67.3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1.0	1.3	2.0	2.9	4.6	6.7	10.8	16.2	27.3	39.0
Male	.9	1.4	2.4	3.1	5.0	7.4	12.2	18.0	33.2	46.1
Female	1.1	1.3	1.7	2.7	4.4	6.1	9.8	15.1	24.2	36.3
White	.9	1.3	2.0	2.7	4.6	6.5	10.6	16.2	27.7	39.0
Male	.9	1.3	2.3	2.8	5.0	7.2	12.0	18.0	34.4	46.8
Female	1.0	1.2	1.6	2.6	4.4	5.8	9.5	15.0	24.1	36.1
All other	1.3	1.6	2.6	4.1	4.6	8.5	12.8	16.6	23.8	39.1
Male	*	*	3.1	5.1	5.0	8.6	13.4	17.6	20.5	40.4
Female	1.8	*	*	3.2	4.3	8.5	12.4	15.9	25.9	38.5
Black	1.4	1.9	2.9	4.9	5.1	9.4	13.9	18.5	26.6	41.1
Male	*	*	*	6.3	5.8	10.0	13.9	19.8	23.1	43.1
Female	*	*	*	3.8	4.6	8.9	14.0	17.7	28.5	40.0
Diabetes mellitus (250)	5.0	8.7	14.1	24.5	39.7	59.4	88.9	124.9	177.7	245.6
Male	6.2	10.3	15.9	26.3	40.0	59.3	91.7	129.0	180.7	240.1
Female	3.7	7.2	12.5	22.7	39.5	59.6	86.8	122.2	176.1	247.7
White	4.4	7.2	11.7	20.5	33.9	52.5	81.6	115.4	167.4	238.4
Male	5.6	8.7	13.6	22.5	35.3	54.0	86.1	124.0	175.0	238.6
Female	3.3	5.8	10.0	18.5	32.6	51.2	78.2	109.9	163.4	238.3
All other	8.3	18.0	28.8	50.8	82.7	114.6	152.9	210.1	287.5	316.0
Male	10.8	21.5	31.3	52.9	76.2	102.6	141.9	174.4	238.5	252.8
Female	6.2	15.1	26.7	49.2	87.7	124.1	160.8	233.4	317.4	345.3
Black	10.7	22.0	33.2	58.3	94.6	130.6	170.5	235.8	311.3	341.9
Male	13.8	26.4	36.8	59.3	86.9	117.4	158.0	192.5	247.3	263.9
Female	8.0	18.5	30.3	57.6	101.1	140.6	179.8	262.9	346.7	373.9
Nutritional deficiencies (260-269)	.1	.2	*	.5	.6	1.3	2.6	6.1	15.2	50.2
Male	*	*	*	.6	.7	1.4	2.7	6.3	16.4	51.8
Female	*	*	*	.4	.5	1.2	2.4	5.9	14.5	49.5
White	.1	.2	*	.4	.5	1.2	2.3	5.5	14.2	48.7
Male	*	*	*	.4	.5	1.1	2.5	5.6	15.2	49.7
Female	*	*	*	.5	.5	1.2	2.1	5.5	13.6	48.4
All other	*	*	*	*	*	2.7	5.1	11.3	25.7	64.4
Male	*	*	*	*	*	4.2	*	12.6	28.2	69.7
Female	*	*	*	*	*	3.2	5.3	10.4	24.4	62.0
Black	*	*	*	*	*	3.2	6.2	13.2	29.3	70.8
Male	*	*	*	*	*	*	*	15.5	33.0	76.4
Female	*	*	*	*	*	*	6.5	11.7	27.3	67.9

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	0.4	0.6	0.7	0.9	1.5	2.7	4.5	7.8	17.2	39.7
Male	.5	.8	.7	.9	1.7	2.7	4.8	8.6	20.8	44.2
Female	.4	.5	.8	.9	1.4	2.8	4.3	7.2	15.3	37.9
White	.2	.4	.4	.7	1.2	2.5	4.3	7.5	17.0	39.6
Male	.*	.5	.4	.7	1.4	2.5	4.6	8.6	20.4	44.7
Female	.*	.*	.4	.8	1.1	2.5	4.1	6.8	15.2	37.7
All other	2.1	2.3	2.5	1.9	4.1	4.2	6.6	9.8	18.8	40.2
Male	2.3	2.6	*	*	4.3	*	6.7	8.8	23.9	40.4
Female	2.0	2.1	2.6	*	3.9	4.7	6.5	10.4	15.9	40.1
Black	2.8	2.9	3.1	2.2	4.7	4.9	7.0	11.1	21.9	44.9
Male	3.2	3.4	*	*	5.1	*	*	*	28.6	48.6
Female	2.5	2.6	3.4	*	4.4	5.6	7.3	11.7	18.2	43.0
Meningitis (320-322)	.3	.3	.4	.4	.6	.9	.9	1.0	1.7	2.1
Male	.4	.4	.4	.4	.7	1.1	.8	*	1.9	2.7
Female	*	.4	*	*	.5	.7	1.0	1.1	1.6	1.9
White	.2	*	.3	.2	.5	.7	.7	.9	1.6	1.9
Male	*	*	*	*	.5	.9	.7	*	1.9	2.8
Female	*	*	*	*	.4	.6	.7	1.0	1.4	1.6
All other	1.0	1.1	1.3	*	1.8	1.8	2.6	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	1.3	1.4	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Major cardiovascular diseases (390-446)	55.7	108.2	195.2	336.0	553.4	875.8	1,427.9	2,397.8	4,219.0	8,908.0
Male	81.4	161.3	284.9	486.9	784.7	1,208.2	1,907.0	3,103.8	5,186.5	9,510.2
Female	30.9	57.5	110.9	198.1	350.3	597.9	1,062.7	1,936.2	3,697.3	8,674.5
White	46.8	93.4	173.2	309.4	518.1	838.3	1,393.8	2,389.4	4,201.6	9,096.0
Male	70.7	143.1	258.5	460.0	751.3	1,176.7	1,889.5	3,107.3	5,210.9	9,775.7
Female	23.2	45.0	91.4	169.7	311.2	553.0	1,013.9	1,887.4	3,680.9	8,837.4
All other	111.5	201.8	330.8	510.9	813.2	1,172.1	1,727.2	2,653.2	4,405.6	7,060.9
Male	154.2	285.8	460.2	675.5	1,043.2	1,465.5	2,066.6	3,072.3	4,938.5	7,240.4
Female	75.6	131.4	223.2	374.8	625.9	941.6	1,481.5	2,380.0	4,117.4	6,977.6
Black	139.3	247.1	391.7	593.2	938.6	1,335.9	1,955.8	2,987.9	4,927.7	7,494.9
Male	191.9	352.9	552.2	778.0	1,184.6	1,660.0	2,333.6	3,454.5	5,431.9	7,620.8
Female	95.7	161.0	263.0	438.8	737.6	1,080.4	1,692.7	2,696.0	4,649.7	7,394.5
Diseases of heart (390-398,402,404-429)	45.2	90.4	164.4	285.6	466.7	724.5	1,149.5	1,893.9	3,236.7	6,701.6
Male	69.5	140.9	249.5	427.1	676.6	1,021.1	1,568.4	2,483.2	4,066.6	7,338.2
Female	21.6	42.2	84.4	156.3	282.6	476.7	830.3	1,492.0	2,789.2	6,454.7
White	39.1	80.0	149.2	268.6	442.2	699.5	1,129.6	1,871.6	3,232.2	6,847.6
Male	62.1	128.1	231.0	408.1	654.3	1,002.6	1,563.2	2,496.6	4,094.4	7,549.9
Female	16.3	33.2	70.8	135.3	254.0	443.9	797.3	1,463.3	2,770.5	6,580.4
All other	83.4	156.1	258.1	410.7	647.4	923.0	1,324.8	1,994.2	3,285.0	5,266.9
Male	120.4	228.9	372.5	559.8	848.7	1,171.7	1,616.3	2,361.8	3,784.6	5,528.1
Female	52.3	95.0	163.0	287.4	483.6	727.5	1,113.7	1,754.5	3,010.4	5,145.8
Black	104.8	191.7	307.2	479.0	747.5	1,055.3	1,500.8	2,246.3	3,682.4	5,605.1
Male	150.1	282.9	447.4	644.3	960.6	1,331.3	1,825.2	2,655.6	4,187.9	5,837.5
Female	67.2	117.4	194.8	341.0	573.4	837.9	1,274.4	1,990.3	3,403.6	5,469.7
Rheumatic fever and rheumatic heart disease (390-398)	1.0	1.3	1.9	3.1	4.8	7.4	11.4	17.0	24.0	27.2
Male	.9	1.1	1.4	2.6	3.9	5.5	8.2	12.2	16.5	19.8
Female	1.0	1.6	2.4	3.6	5.6	9.1	13.8	20.1	28.0	30.1
White	.8	1.2	1.8	3.1	4.8	7.6	11.8	17.9	25.2	28.8
Male	.7	1.1	1.3	2.6	3.8	5.7	8.4	12.9	17.5	21.4
Female	.9	1.4	2.3	3.5	5.7	9.2	14.5	21.2	29.4	31.7
All other	2.1	2.1	2.5	3.5	4.6	5.9	7.3	8.8	11.0	11.0
Male	2.4	*	*	*	4.5	*	6.7	*	*	*
Female	1.9	2.9	2.9	4.3	4.7	7.7	7.8	10.1	13.4	13.5
Black	2.4	2.2	2.5	3.9	4.4	5.5	6.7	9.1	11.7	10.6
Male	2.8	*	*	*	4.7	*	*	*	*	*
Female	2.1	2.9	*	4.6	4.2	6.8	6.7	10.0	14.5	12.7
Hypertensive heart disease (402)	2.2	4.6	7.0	11.5	15.8	21.9	30.8	51.0	83.1	163.5
Male	6.1	9.2	15.5	20.5	26.8	34.8	52.4	74.1	118.2	181.1
Female	1.5	3.2	4.9	7.7	11.7	17.9	27.7	50.1	87.9	153.9
White	1.2	2.4	4.1	7.3	10.8	16.4	24.1	42.6	74.0	105.8
Male	1.8	3.4	5.7	10.3	14.5	20.9	27.5	44.2	65.4	105.8
Female	.6	1.4	2.5	4.4	7.5	12.6	21.6	41.6	78.6	172.3
All other	8.8	18.8	25.0	39.1	52.9	65.7	89.0	126.5	179.9	257.7
Male	11.3	24.9	32.8	51.8	67.3	74.9	100.6	126.5	162.4	224.7
Female	6.7	13.7	18.4	28.6	41.2	58.5	80.6	126.6	191.0	272.9
Black	11.6	24.4	31.3	48.1	64.3	78.7	105.9	147.3	210.2	280.5
Male	15.1	32.4	41.2	63.0	80.3	89.8	119.7	144.9	193.4	243.1
Female	8.8	17.8	23.4	35.7	51.1	69.9	96.4	148.8	219.4	295.2
Hypertensive heart and renal disease (404)	*	.2	.4	.6	1.2	1.8	3.6	7.1	11.5	24.2
Male	*	*	.5	.7	1.3	1.8	3.8	7.5	12.6	24.7
Female	*	*	*	.5	1.2	1.9	3.4	6.7	10.9	24.0
White	*	*	*	.3	.8	1.2	2.7	5.9	9.3	22.3
Male	*	*	*	*	1.0	1.3	3.0	6.1	9.7	24.0
Female	*	*	*	*	.6	1.1	2.4	5.9	9.1	21.7
All other	*	1.3	1.8	2.7	4.5	6.7	11.8	17.2	25.1	42.3
Male	*	*	2.9	3.4	3.8	5.4	11.3	21.0	41.9	30.3
Female	*	*	*	*	5.0	7.8	12.2	14.8	31.3	47.9
Black	*	1.7	2.3	3.2	5.1	8.0	14.4	20.4	40.2	47.5
Male	*	*	3.9	4.1	4.3	6.2	13.9	25.7	47.3	34.7
Female	*	*	*	*	5.8	9.3	14.8	17.1	36.4	52.7

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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 *	Under 1 year *	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)	200.6	0.8	.	.	.	0.2	0.4	1.3	3.9	10.2
Male	212.9	.	.	.	.	.	.6	1.9	6.0	16.8
Female	189.0	.	.	.	.	.	.3	.6	1.8	3.7
White	216.2	.	.	.	.	.	.4	1.2	3.8	9.4
Male	229.3	.	.	.	.	.	.5	1.8	5.6	15.6
Female	203.7	.	.	.	.	.	.	.5	1.5	3.0
All other	117.7	.	.	.	.	.	.8	1.8	5.8	14.6
Male	123.7	.	.	.	.	.	.	2.6	8.3	23.0
Female	112.3	.	.	.	.	.	.	1.1	3.5	7.3
Black	135.0	.	.	.	.	.	1.0	2.2	7.1	17.6
Male	139.2	.	.	.	.	.	.	3.2	10.2	27.7
Female	131.1	.	.	.	.	.	.	1.3	4.4	9.0
Acute myocardial infarction (410)	99.5	.	.	.	.	.	.3	.7	2.2	5.8
Male	111.0	.	.	.	.	.	.4	1.0	3.4	9.6
Female	88.5	.	.	.	.	.	.	.3	1.0	2.0
White	106.8	.	.	.	.	.	.2	.6	2.1	5.4
Male	119.6	.	.	.	.	.	.3	.9	3.3	8.1
Female	94.6	.	.	.	.	.	.	.3	.8	1.7
All other	60.4	.	.	.	.	.	.7	.9	3.1	8.0
Male	64.3	.	.	.	.	.	.	1.6	4.3	12.9
Female	56.8	.	.	.	.	.	.	.	2.1	3.8
Black	69.1	.	.	.	.	.	.8	1.1	3.9	9.5
Male	72.5	.	.	.	.	.	.	1.9	5.1	15.2
Female	66.1	.	.	.	.	.	.	.	2.7	4.7
Other acute and subacute forms of ischemic heart disease (411)	1.4	.	.	.	.	.	.	.	.	.1
Male	1.6	.	.	.	.	.	.	.	.	.
Female	1.2	.	.	.	.	.	.	.	.	.
White	1.4	.	.	.	.	.	.	.	.	.1
Male	1.6	.	.	.	.	.	.	.	.	.
Female	1.2	.	.	.	.	.	.	.	.	.
All other	1.4	.	.	.	.	.	.	.	.	.
Male	1.6	.	.	.	.	.	.	.	.	.
Female	1.2	.	.	.	.	.	.	.	.	.
Black	1.6	.	.	.	.	.	.	.	.	.
Male	1.9	.	.	.	.	.	.	.	.	.
Female	1.4	.	.	.	.	.	.	.	.	.
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)	99.4	.	.	.	.	.	.1	.6	1.6	4.3
Male	99.9	.	.	.	.	.	.	.8	2.4	7.0
Female	88.8	.	.	.	.	.	.	.3	.8	1.6
White	107.6	.	.	.	.	.	.	.5	1.4	3.9
Male	107.7	.	.	.	.	.	.	.8	2.2	6.5
Female	107.4	.	.	.	.	.	.	.2	.7	1.3
All other	55.6	.	.	.	.	.	.	.8	2.5	6.4
Male	57.3	.	.	.	.	.	.	.	3.8	9.9
Female	54.1	.	.	.	.	.	.	.	1.3	3.4
Black	63.9	.	.	.	.	.	.	1.0	3.1	7.9
Male	64.5	.	.	.	.	.	.	.	4.7	12.4
Female	63.3	.	.	.	.	.	.	.	1.6	4.2
Other diseases of endocardium (424)	4.9	.	.	.	.	.	.1	.2	.5	.6
Male	4.4	.	.	.	.	.	.	.3	.6	.9
Female	5.4	.	.	.	.	.	.	.3	.3	.3
White	5.4	.	.	.	.	.	.1	.2	.4	.5
Male	4.7	.	.	.	.	.	.	.3	.5	.8
Female	6.0	.	.	.	.	.	.	.	.3	.3
All other	2.5	.	.	.	.	.	.	.	.8	1.0
Male	2.5	.	.	.	.	.	.	.	1.2	1.4
Female	2.5	.	.	.	.	.	.	.	.	.
Black	2.8	.	.	.	.	.	.	.	1.0	1.2
Male	2.8	.	.	.	.	.	.	.	1.6	.
Female	2.8	.	.	.	.	.	.	.	.	.
All other forms of heart disease (415-423,425-429)	78.2	18.2	1.8	0.6	0.9	1.6	2.4	3.4	5.2	8.7
Male	77.4	19.3	1.9	.6	.8	2.0	3.1	4.2	7.0	11.9
Female	79.1	17.1	1.6	.6	.9	1.2	1.7	2.6	3.5	5.6
White	78.3	15.1	1.3	.5	.7	1.4	1.9	2.7	4.0	6.6
Male	76.1	16.8	1.5	.5	.7	1.8	2.5	3.5	5.3	9.1
Female	80.4	13.4	1.2	.5	.6	1.0	1.4	1.8	2.6	4.1
All other	77.9	30.7	3.5	1.0	1.5	2.6	4.5	7.1	11.9	20.7
Male	84.4	29.5	3.9	.	.	2.9	6.0	8.1	16.4	28.0
Female	71.9	31.9	3.0	.	2.0	2.3	3.2	6.2	7.8	13.5
Black	92.7	34.6	3.9	1.1	1.6	3.0	5.5	8.2	14.8	26.1
Male	100.0	31.8	4.5	.	.	3.4	7.2	9.5	20.6	37.1
Female	86.1	37.4	3.2	.	2.0	2.5	3.9	7.1	9.6	16.8

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	27.0	57.6	107.4	190.7	319.0	505.0	808.3	1,318.6	2,239.4	4,465.8
Male	44.4	94.6	170.3	295.3	475.5	727.7	1,132.6	1,787.3	2,900.5	5,042.5
Female	10.1	22.3	48.2	95.1	181.7	318.8	561.2	1,012.1	1,882.9	4,242.2
White	25.6	55.0	103.9	186.6	314.7	503.3	814.9	1,337.5	2,272.6	4,610.1
Male	42.8	91.6	167.2	294.5	477.2	736.6	1,157.8	1,834.6	2,970.4	5,254.3
Female	8.5	19.3	43.3	86.6	170.6	306.6	552.1	1,012.7	1,899.9	4,365.0
All other	35.6	74.3	128.6	217.3	350.9	518.2	750.4	1,148.4	1,884.3	3,048.4
Male	55.0	115.5	191.2	301.1	462.8	652.8	903.8	1,360.5	2,189.7	3,231.5
Female	19.3	39.8	76.6	148.0	259.9	412.5	639.4	1,010.1	1,715.9	2,963.5
Black	43.9	88.7	149.3	247.9	398.9	582.2	835.7	1,270.0	2,085.9	3,207.2
Male	67.0	137.5	223.9	338.2	513.1	724.1	998.5	1,498.8	2,379.1	3,355.6
Female	24.8	49.0	89.5	172.5	305.6	470.3	722.3	1,128.1	1,924.2	3,123.0
Acute myocardial infarction (410)	15.8	34.7	64.6	113.5	186.0	288.8	443.3	687.7	1,079.3	1,695.5
Male	25.9	57.1	102.0	175.7	274.9	408.9	615.0	928.6	1,414.5	2,056.0
Female	6.1	13.3	29.5	56.7	107.9	184.9	312.5	531.4	897.0	1,555.7
White	15.4	33.8	63.3	112.3	184.6	286.3	448.2	698.1	1,093.8	1,737.7
Male	25.5	56.4	101.6	177.1	277.5	414.3	629.7	952.4	1,449.1	2,130.6
Female	5.3	11.7	26.6	52.2	102.2	178.5	309.1	532.0	903.5	1,588.3
All other	18.8	40.5	73.0	121.7	195.6	290.7	400.4	593.4	913.2	1,280.4
Male	28.8	62.2	104.7	166.0	254.7	363.3	481.7	693.7	1,063.2	1,418.0
Female	10.5	22.4	46.5	85.0	147.5	233.6	341.5	527.9	830.3	1,216.7
Black	23.2	47.9	83.6	138.5	221.1	325.8	444.2	653.3	1,005.3	1,359.7
Male	34.9	73.2	120.4	184.4	282.2	401.2	532.8	762.0	1,159.3	1,495.8
Female	13.5	27.3	54.1	100.2	171.1	266.2	392.4	595.3	921.8	1,292.1
Other acute and subacute forms of ischemic heart disease (411)	.4	.8	1.2	2.1	3.3	4.0	5.2	7.3	11.7	23.6
Male	.6	1.3	1.9	3.4	5.0	6.0	7.4	9.4	15.3	26.4
Female	.*	.3	.6	.9	1.8	2.3	3.5	5.9	9.8	22.5
White	.4	.7	1.1	1.8	3.1	3.6	5.0	6.6	11.4	24.0
Male	.7	1.2	1.8	3.0	4.8	5.6	7.4	8.7	14.6	26.5
Female	.*	.*	.4	.7	1.5	2.0	3.2	5.3	9.7	23.0
All other	.*	1.6	4.2	5.1	6.7	6.6	13.6	15.4	19.9	19.9
Male	.*	.*	2.9	6.7	6.5	9.8	6.7	16.0	23.1	24.7
Female	.*	.*	.*	.*	3.9	4.4	6.5	12.1	10.9	17.7
Black	.*	2.1	2.4	4.9	5.7	8.0	7.7	15.6	18.4	21.6
Male	.*	.*	.*	7.5	7.1	11.4	8.0	18.2	29.7	27.8
Female	.*	.*	.*	.*	4.6	5.2	7.5	14.0	12.1	18.8
Angina pectoris (413)	.*	.*	.2	.3	.5	1.0	1.5	2.8	5.3	10.7
Male	.*	.*	.4	.4	.7	1.2	1.9	3.2	7.0	9.9
Female	.*	.*	.*	.*	.8	1.3	2.5	4.4	11.1	11.3
White	.*	.*	.2	.3	.5	.9	1.5	2.7	5.3	10.5
Male	.*	.*	.*	.*	.8	1.2	1.9	3.2	6.7	10.5
Female	.*	.*	.*	.*	.*	.7	1.3	2.5	4.5	11.6
All other	.*	.*	.*	.*	.*	.*	3.3	.*	.*	.*
Male	.*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Female	.*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Black	.*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Male	.*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Female	.*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	10.7	22.0	41.3	74.8	129.3	213.1	358.3	620.8	1,144.0	2,786.0
Male	17.8	36.0	66.1	115.8	194.9	311.6	508.3	848.0	1,463.6	2,950.2
Female	3.8	8.6	18.0	37.3	71.7	130.8	243.9	472.3	971.7	2,652.9
White	9.8	20.4	39.4	72.3	126.5	212.3	360.1	630.0	1,162.1	2,837.1
Male	16.6	33.8	63.5	114.1	194.1	315.5	518.8	870.2	1,500.0	3,066.6
Female	3.0	7.4	16.2	33.5	66.6	125.4	239.5	473.0	981.2	2,742.2
All other	16.3	31.9	53.3	91.0	149.5	219.2	341.9	538.1	950.5	1,742.3
Male	25.8	51.0	83.0	127.9	201.0	278.5	413.4	647.1	1,094.0	1,784.3
Female	8.4	15.9	28.7	60.5	107.7	172.6	290.1	467.1	871.6	1,722.9
Black	20.0	39.4	63.0	104.2	171.4	246.6	382.1	597.3	1,056.3	1,819.1
Male	31.5	61.2	99.4	145.9	223.1	310.0	455.5	711.8	1,182.4	1,826.4
Female	10.6	19.8	33.9	69.4	129.1	196.7	331.1	525.8	986.7	1,804.8
Other diseases of endocardium (424)	.7	1.0	1.7	3.2	5.2	9.0	17.6	31.2	65.6	125.3
Male	1.1	1.3	2.2	4.1	6.3	11.3	21.0	36.9	75.7	130.8
Female	.3	.7	1.2	2.4	4.3	7.2	14.9	27.5	60.2	123.2
White	.5	.9	1.6	3.1	5.2	9.0	18.2	32.3	68.2	131.3
Male	.8	1.2	2.1	3.9	6.2	11.5	22.2	39.1	78.8	137.7
Female	.*	.6	1.1	2.3	4.3	7.0	15.1	28.4	62.5	128.9
All other	1.9	1.8	2.9	4.4	5.2	8.8	12.3	21.7	37.9	66.2
Male	3.1	2.6	3.1	5.8	6.5	9.2	10.5	25.6	44.4	71.9
Female	.*	.*	.*	3.5	4.2	8.5	13.7	19.2	34.3	63.5
Black	2.4	2.1	2.6	4.9	5.8	10.4	13.8	24.7	41.0	62.3
Male	4.0	.*	3.7	6.5	7.3	10.7	11.3	27.8	47.3	58.3
Female	.*	.*	.*	3.6	4.6	10.1	15.5	22.7	37.6	63.6
All other forms of heart disease (415-423,425-429)	14.2	25.6	46.1	76.5	120.6	178.4	277.9	459.0	813.2	1,895.6
Male	20.0	37.5	65.8	108.8	169.0	248.2	368.0	596.9	987.2	2,002.2
Female	8.6	14.3	27.5	47.0	78.2	121.8	209.3	375.4	719.3	1,854.3
White	11.0	20.5	37.7	66.3	105.9	161.9	257.9	435.4	782.9	1,901.2
Male	15.9	30.9	54.6	96.4	151.6	226.6	344.3	560.9	952.6	2,006.7
Female	6.1	10.4	21.4	38.3	65.4	107.4	191.7	353.5	692.0	1,861.0
All other	34.4	57.8	97.9	143.6	229.2	317.6	453.8	671.5	1,136.7	1,841.3
Male	47.9	82.7	140.3	195.2	303.8	425.9	593.4	821.4	1,339.3	1,964.0
Female	23.0	36.9	62.6	100.9	168.5	232.6	360.0	573.7	1,024.4	1,784.4
Black	43.7	72.5	119.2	171.0	269.0	370.6	524.4	774.9	1,293.4	1,997.0
Male	60.4	105.8	172.8	229.5	351.0	496.8	675.2	952.9	1,514.3	2,140.3
Female	29.9	45.5	76.3	122.0	201.9	271.5	418.7	663.5	1,171.5	1,922.4

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	1.1	2.0	2.9	5.1	8.2	13.5	22.0	41.0	81.5
Male	.8	1.5	2.8	3.6	5.9	9.5	14.9	25.4	46.6	81.1
Female	.5	.8	1.3	2.2	4.4	7.2	12.4	19.8	37.9	81.7
White	.3	.6	1.2	2.0	3.6	6.2	11.1	18.7	36.8	78.7
Male	.3	.8	1.8	2.8	4.6	7.2	12.7	22.2	42.7	78.8
Female	*	.3	.7	1.2	2.8	5.4	9.9	16.5	33.6	78.7
All other	2.6	4.5	7.0	8.8	15.6	23.9	34.3	51.9	85.3	108.9
Male	3.7	6.0	9.7	9.4	15.8	28.5	35.2	54.2	85.5	100.0
Female	1.7	3.2	4.7	8.3	15.3	20.3	33.7	50.4	85.6	113.0
Black	3.4	5.7	8.6	10.8	18.9	28.1	40.5	60.3	97.7	118.2
Male	4.9	7.8	11.9	11.6	19.3	33.6	40.9	63.6	101.1	105.6
Female	2.2	4.0	5.9	10.2	18.7	23.7	40.4	58.2	95.8	123.0
Cerebrovascular diseases (430-438)	8.3	14.3	23.3	36.9	60.5	104.4	195.8	378.8	748.1	1,631.0
Male	8.9	15.6	25.4	41.4	70.6	119.7	224.0	435.2	799.1	1,539.2
Female	7.7	13.0	21.4	32.9	51.7	91.5	174.4	341.9	720.6	1,666.6
White	6.0	10.7	17.9	30.7	51.4	93.4	183.0	364.0	737.1	1,660.7
Male	6.4	11.3	19.1	34.6	60.1	107.9	210.7	422.1	793.9	1,568.3
Female	5.7	10.1	16.8	27.1	43.6	81.2	161.8	326.1	706.7	1,695.9
All other	22.6	36.8	56.7	77.8	128.2	191.1	308.3	511.4	865.5	1,338.8
Male	26.1	45.2	66.9	88.6	151.6	216.7	343.9	553.4	852.1	1,289.9
Female	19.7	29.8	48.2	68.9	109.1	171.0	282.5	484.1	877.6	1,361.5
Black	27.3	44.5	65.3	87.0	146.9	215.0	348.9	573.0	959.8	1,399.2
Male	31.7	55.9	79.4	100.2	174.1	241.5	390.1	620.9	909.9	1,333.3
Female	23.7	35.2	54.1	76.0	124.7	193.8	320.5	543.1	987.3	1,419.4
Intracerebral and other intracranial hemorrhage (431-432)	3.1	5.4	8.7	11.6	16.2	21.7	32.8	54.6	80.8	112.0
Male	3.8	6.5	9.9	13.6	18.1	24.8	36.5	62.3	84.2	120.7
Female	2.5	4.3	7.5	9.7	14.4	19.1	30.0	49.6	79.0	108.7
White	2.0	3.6	6.0	9.2	14.0	19.8	31.5	53.8	80.1	112.5
Male	2.4	4.0	6.6	10.6	15.6	22.5	35.1	61.6	83.8	123.4
Female	1.6	3.1	5.5	8.0	12.6	17.6	28.8	48.7	78.1	108.3
All other	10.3	16.8	25.0	27.0	31.9	36.8	44.1	61.9	89.0	107.8
Male	13.4	23.3	31.7	34.9	37.9	44.0	49.4	68.9	88.9	97.8
Female	7.7	11.4	19.5	20.4	27.0	31.1	40.2	57.3	89.6	112.5
Black	12.7	20.2	28.5	28.7	36.0	38.4	45.7	61.5	90.6	106.4
Male	16.9	28.4	37.3	39.0	42.6	46.8	50.0	72.2	78.0	87.5
Female	9.3	13.5	21.5	20.1	30.7	31.8	42.7	54.8	97.6	113.9
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	.4	.9	1.9	3.7	7.3	13.7	25.3	51.6	104.0	250.9
Male	.5	1.2	2.7	4.3	9.4	16.5	30.0	57.4	110.0	235.2
Female	.3	.7	1.2	3.2	5.5	11.4	21.7	47.8	100.7	257.0
White	.3	.7	1.5	3.3	6.3	12.2	23.9	50.4	103.2	258.1
Male	.4	.9	2.1	3.9	8.5	14.6	28.3	57.0	111.4	242.6
Female	*	.5	.9	2.7	4.5	10.2	20.5	46.1	98.9	264.0
All other	1.0	2.3	4.2	6.9	14.4	25.6	38.0	62.2	112.2	180.4
Male	*	3.1	6.0	7.5	16.4	32.3	45.9	61.3	96.6	171.9
Female	*	*	2.8	6.3	12.8	20.3	32.2	62.7	121.9	184.4
Black	1.3	2.9	4.8	7.9	16.6	29.7	43.4	71.6	128.1	190.7
Male	*	3.8	6.8	8.7	18.8	37.8	52.9	70.6	105.5	176.4
Female	*	*	3.2	7.2	14.8	23.3	36.8	72.2	140.6	195.8
Cerebral embolism (434.1)	*	*	*	.2	.3	.6	1.2	2.3	3.7	5.6
Male	*	*	*	*	*	.6	1.3	2.4	3.1	5.1
Female	*	*	*	*	*	.6	1.1	2.2	4.0	5.8
White	*	*	*	.2	.3	.6	1.2	2.4	3.9	5.7
Male	*	*	*	*	*	.5	1.3	2.5	3.2	5.1
Female	*	*	*	*	*	.6	1.1	2.3	4.2	5.9
All other	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other and late effects of cerebrovascular diseases (430,433,435-438)	4.7	7.9	12.7	21.4	36.8	68.4	136.6	270.2	559.5	1,262.5
Male	4.6	7.9	12.8	23.1	42.8	77.8	156.2	313.0	601.8	1,178.2
Female	4.9	7.9	12.6	19.9	31.5	60.5	121.7	242.3	536.8	1,295.1
White	3.7	6.4	10.3	18.0	30.7	60.8	126.5	257.4	549.9	1,284.5
Male	3.6	6.3	10.4	19.9	35.8	70.3	146.2	301.0	595.5	1,197.2
Female	3.9	6.4	10.3	16.3	26.2	52.8	111.4	229.0	525.5	1,317.7
All other	11.1	17.6	27.4	43.7	81.4	128.0	225.2	385.6	662.4	1,045.9
Male	11.3	18.7	29.1	45.7	96.7	139.0	247.1	421.4	665.0	1,015.7
Female	11.0	16.6	25.9	42.1	68.9	119.2	209.3	362.2	664.2	1,059.9
Black	13.1	21.2	31.9	50.2	93.7	146.1	258.4	438.1	739.1	1,097.0
Male	13.0	23.5	35.1	52.2	111.8	155.7	285.4	476.5	725.3	1,065.3
Female	13.1	19.4	29.3	48.5	79.0	138.3	239.9	414.0	746.7	1,104.2
Atherosclerosis (440)	.2	.4	1.0	2.2	4.5	8.7	18.3	39.0	91.4	338.7
Male	.3	.6	1.2	2.9	6.0	11.5	22.8	45.7	111.3	327.6
Female	*	*	.8	1.5	3.1	6.3	14.9	34.6	80.6	343.0
White	.2	.4	1.0	2.1	4.2	8.5	18.0	39.2	92.4	350.0
Male	*	.6	1.3	2.9	5.8	11.4	22.7	47.0	113.1	341.9
Female	*	*	.7	1.4	2.8	6.1	14.4	34.2	81.3	353.1
All other	*	*	*	2.8	6.4	9.8	20.9	37.1	80.9	228.1
Male	*	*	*	3.3	7.6	12.5	23.8	34.0	93.2	205.6
Female	*	*	*	*	5.4	7.7	18.7	39.2	74.1	238.5
Black	*	*	*	3.1	7.6	10.6	23.6	43.4	94.1	247.0
Male	*	*	*	4.1	9.2	13.7	26.6	40.1	109.9	226.4
Female	*	*	*	*	6.3	8.2	21.5	45.5	85.5	254.5

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	Under 1 year	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)	6.2	*	*	*	*	*	*	*	*	*
Male	7.7	*	*	*	*	*	*	*	*	*
Female	4.9	*	*	*	*	*	*	*	*	*
White	7.0	*	*	*	*	*	*	*	*	*
Male	8.5	*	*	*	*	*	*	*	*	*
Female	5.6	*	*	*	*	*	*	*	*	*
All other	2.2	*	*	*	*	*	*	*	*	*
Male	3.4	*	*	*	*	*	*	*	*	*
Female	1.2	*	*	*	*	*	*	*	*	*
Black	2.5	*	*	*	*	*	*	*	*	*
Male	3.8	*	*	*	*	*	*	*	*	*
Female	1.4	*	*	*	*	*	*	*	*	*
Asthma (493)	2.0	*	0.2	0.2	0.3	0.4	0.4	0.5	0.7	0.8
Male	1.5	*	*	.2	.4	.5	.4	.5	.7	.7
Female	2.4	*	*	*	.3	.4	.4	.5	.7	.8
White	1.8	*	*	*	.3	.4	.3	.3	.5	.5
Male	1.3	*	*	*	.4	.4	*	.3	.5	.4
Female	2.3	*	*	*	*	.4	.3	.4	.5	.6
All other	2.8	*	*	.6	.7	.7	1.0	1.4	1.7	2.3
Male	2.6	*	*	*	*	*	1.3	1.8	1.8	2.4
Female	3.0	*	*	*	*	*	*	*	1.5	2.2
Black	3.2	*	*	*	.8	.8	1.1	1.6	2.0	2.8
Male	3.0	*	*	*	*	*	*	2.2	2.2	3.0
Female	3.4	*	*	*	*	*	*	*	1.8	2.7
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	24.3	*	*	*	*	*	*	*	.1	.3
Male	29.0	*	*	*	*	*	*	*	*	.4
Female	19.8	*	*	*	*	*	*	*	*	.2
White	26.8	*	*	*	*	*	*	*	.1	.2
Male	31.5	*	*	*	*	*	*	*	*	.3
Female	22.3	*	*	*	*	*	*	*	*	*
All other	10.8	*	*	*	*	*	*	*	*	.8
Male	15.3	*	*	*	*	*	*	*	*	*
Female	6.7	*	*	*	*	*	*	*	*	*
Black	12.1	*	*	*	*	*	*	*	*	.9
Male	17.2	*	*	*	*	*	*	*	*	*
Female	7.5	*	*	*	*	*	*	*	*	*
Ulcer of stomach and duodenum (531-533)	2.6	*	*	*	*	*	*	*	.1	.3
Male	2.6	*	*	*	*	*	*	*	*	.4
Female	2.6	*	*	*	*	*	*	*	*	*
White	2.7	*	*	*	*	*	*	*	*	.3
Male	2.6	*	*	*	*	*	*	*	*	.3
Female	2.8	*	*	*	*	*	*	*	*	*
All other	2.0	*	*	*	*	*	*	*	*	*
Male	2.4	*	*	*	*	*	*	*	*	*
Female	1.7	*	*	*	*	*	*	*	*	*
Black	2.2	*	*	*	*	*	*	*	*	*
Male	2.5	*	*	*	*	*	*	*	*	*
Female	1.9	*	*	*	*	*	*	*	*	*
Appendicitis (540-543)	.2	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*
White	.2	*	*	*	*	*	*	*	*	*
Male	.2	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*
All other	.2	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*
Black	.3	*	*	*	*	*	*	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.2	2.2	.2	*	*	*	*	.1	.1	.2
Male	1.7	2.8	*	*	*	*	*	*	*	.2
Female	2.7	1.6	*	*	*	*	*	*	*	.3
White	2.3	1.8	*	*	*	*	*	*	*	.2
Male	1.7	2.2	*	*	*	*	*	*	*	*
Female	2.9	1.4	*	*	*	*	*	*	*	*
All other	1.9	4.0	*	*	*	*	*	*	*	*
Male	1.8	5.5	*	*	*	*	*	*	*	*
Female	2.0	*	*	*	*	*	*	*	*	*
Black	2.2	4.4	*	*	*	*	*	*	*	*
Male	2.2	6.4	*	*	*	*	*	*	*	*
Female	2.3	*	*	*	*	*	*	*	*	*
Chronic liver disease and cirrhosis (571)	10.8	*	*	*	*	*	.3	1.0	3.5	8.1
Male	14.3	*	*	*	*	*	.3	1.3	4.8	12.3
Female	7.4	*	*	*	*	*	.2	.7	2.2	3.9
White	10.6	*	*	*	*	*	.2	.7	2.8	6.5
Male	14.1	*	*	*	*	*	*	1.0	4.0	10.2
Female	7.3	*	*	*	*	*	*	.5	1.5	2.8
All other	11.4	*	*	*	*	*	*	2.2	7.1	16.9
Male	15.4	*	*	*	*	*	*	3.0	9.2	25.4
Female	7.7	*	*	*	*	*	*	1.5	5.2	9.6
Black	12.6	*	*	*	*	*	*	2.4	7.7	19.6
Male	17.3	*	*	*	*	*	*	3.3	10.2	30.3
Female	8.3	*	*	*	*	*	*	1.5	5.4	10.6

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	0.8	2.6	7.2	14.2	24.7	38.5	53.7	60.2	52.1
Male .....	.4	.9	3.1	8.6	17.2	33.0	53.1	81.9	107.7	113.9
Female .....	.6	2.1	5.9	11.6	17.7	27.3	35.3	34.6	28.2	28.2
White .....	.2	.8	2.7	7.7	15.0	26.0	40.7	57.0	63.0	54.4
Male .....	.3	.9	3.1	9.0	17.9	34.2	55.3	85.9	112.3	118.8
Female .....	.7	2.3	6.5	12.5	19.1	29.5	38.1	36.6	29.9	29.9
All other .....	.*	.*	2.1	3.8	8.5	14.0	19.4	24.0	30.4	29.9
Male .....	.*	.*	3.2	5.3	12.0	22.9	33.7	45.8	60.7	71.9
Female .....	.*	.*	2.6	5.6	7.0	9.1	9.9	12.9	10.4	10.4
Black .....	.*	.*	2.6	4.4	9.2	15.8	20.1	26.5	30.9	29.7
Male .....	.*	.*	4.2	6.1	12.4	25.6	36.1	51.3	64.8	72.2
Female .....	.*	.*	.*	.*	6.5	8.2	8.8	11.0	12.1	.*
Asthma (493)	1.1	1.5	2.3	3.1	3.8	5.8	7.8	10.7	12.0	15.5
Male .....	.9	1.3	2.0	2.4	2.7	4.9	6.9	9.4	10.7	15.9
Female	1.4	1.8	2.7	3.7	4.8	6.5	8.5	11.6	12.7	15.4
White .....	.8	1.2	1.8	2.4	3.4	5.2	7.3	10.4	11.7	15.8
Male .....	.6	.9	1.4	1.9	2.4	4.3	6.2	8.8	10.3	16.0
Female	1.0	1.4	2.1	2.8	4.3	5.9	8.1	11.4	12.4	15.8
All other	3.3	3.9	5.8	7.4	6.6	10.4	12.2	13.4	15.4	12.8
Male	3.3	3.4	6.0	5.6	5.2	9.8	13.1	13.9	.*	.*
Female	3.4	4.3	5.6	8.9	7.8	11.0	11.6	13.2	15.9	12.0
Black	4.1	4.7	6.8	8.3	7.1	11.7	12.4	14.8	15.6	12.3
Male	3.8	3.8	7.2	6.3	5.8	11.2	12.0	14.4	.*	.*
Female	4.3	5.5	6.5	10.0	8.1	12.0	12.7	15.1	17.0	.*
Other chronic obstructive pulmonary diseases and allied conditions (494-496)										
.....	.8	2.8	8.3	22.3	45.1	78.9	140.5	209.0	272.7	306.7
Male	1.0	2.8	8.9	26.5	56.2	103.4	190.2	317.8	455.0	603.2
Female .....	.5	2.7	7.7	18.4	35.3	58.5	102.6	137.8	174.4	191.7
White .....	.6	2.7	8.1	22.7	46.3	81.6	146.2	217.8	282.0	320.6
Male .....	.7	2.6	8.3	26.5	56.9	105.0	194.7	326.4	468.6	633.8
Female .....	.5	2.8	7.8	19.3	37.0	61.8	109.0	146.8	182.1	201.5
All other	1.8	2.9	9.4	19.3	35.7	57.9	90.5	129.4	172.4	169.4
Male	3.3	3.9	12.7	27.1	50.9	90.4	149.1	240.3	316.2	341.6
Female .....	.*	2.0	6.7	12.8	23.4	48.0	80.0	57.0	89.6	89.6
Black	2.2	3.4	11.0	22.4	40.5	63.8	100.6	137.4	184.0	165.3
Male	4.2	4.6	14.9	31.7	56.5	99.3	166.8	260.4	349.5	336.1
Female .....	.*	.*	8.0	14.6	27.3	35.9	53.9	60.5	92.7	89.7
Ulcer of stomach and duodenum (531-533)										
.....	.5	.8	1.4	2.3	3.3	5.6	10.2	16.8	31.0	59.5
Male .....	.8	1.1	1.7	3.1	4.3	7.5	13.4	21.6	40.8	69.3
Female .....	.2	.5	1.1	1.6	2.5	4.0	7.7	13.6	25.8	55.7
White .....	.3	.6	1.3	2.1	3.1	5.3	9.8	16.5	31.4	61.1
Male .....	.5	.8	1.6	2.7	4.1	7.1	12.8	21.4	41.0	71.2
Female .....	.5	1.1	1.5	2.3	3.8	7.5	13.2	26.2	57.3	57.3
All other	1.5	1.7	2.1	3.9	4.7	7.8	13.3	19.6	27.6	43.4
Male	2.3	3.0	2.9	6.1	5.5	11.4	18.3	23.1	38.5	52.8
Female .....	.*	.*	.*	.*	4.0	5.0	9.7	17.3	21.4	39.1
Black	1.6	2.2	2.6	4.1	4.7	7.9	14.4	22.0	27.0	38.1
Male	2.6	4.0	3.7	6.5	6.0	10.4	18.2	25.7	35.2	41.7
Female .....	.*	.*	.*	.*	3.7	5.8	11.7	19.7	22.4	36.4
Appendicitis (540-543)										
.....	.*	.*	.2	.3	.2	.5	.8	1.0	1.3	2.4
Male .....	.*	.*	.*	.*	.*	.5	1.1	1.6	1.8	2.5
Female .....	.*	.*	.*	.*	.*	.4	.6	.7	1.1	2.4
White .....	.*	.*	.*	.*	.*	.4	.7	1.1	1.2	2.2
Male .....	.*	.*	.*	.*	.*	.5	1.0	1.7	.*	.*
Female*	.*	.*	.*	.*	.*	.*	.*	.*	.*
All other*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Male*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Female*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Black*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Male*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Female*	.*	.*	.*	.*	.*	.*	.*	.*	.*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)										
.....	.3	.5	.5	1.3	2.1	3.4	6.8	13.5	27.9	65.7
Male .....	.3	.3	.5	1.4	2.3	3.6	6.9	14.0	31.1	58.0
Female .....	.3	.5	.6	1.2	1.9	3.3	6.7	13.1	26.2	68.8
White .....	.2	.4	.5	1.2	1.9	3.2	6.4	13.0	27.1	66.8
Male .....	.*	.*	.*	1.2	1.9	3.1	6.3	13.6	29.8	59.1
Female .....	.*	.4	.5	1.2	1.8	3.2	6.4	12.6	25.6	69.7
All other .....	.*	.*	.*	2.0	3.9	5.5	10.3	17.4	36.7	55.5
Male .....	.*	.*	.*	.*	5.5	7.6	11.9	17.2	44.4	48.3
Female .....	.*	.*	.*	.*	3.9	9.1	17.5	32.3	58.9	58.9
Black .....	.*	.*	.*	2.3	4.5	6.7	12.1	20.2	43.4	59.3
Male .....	.*	.*	.*	.*	6.4	9.2	14.2	20.3	54.9	54.2
Female .....	.*	.*	.*	.*	.*	4.7	10.6	20.1	37.0	61.2
Chronic liver disease and cirrhosis (571)										
.....	11.9	16.3	22.1	28.9	33.6	35.5	35.9	35.4	32.3	23.1
Male	18.3	24.0	32.6	41.3	47.3	48.4	48.9	48.3	44.5	35.5
Female	5.8	8.9	12.3	17.6	21.6	24.8	26.0	27.0	25.8	18.3
White	10.0	14.2	20.5	27.2	33.1	35.5	36.4	36.6	33.3	23.9
Male	15.5	21.0	30.3	39.0	46.8	48.2	49.6	49.9	45.4	36.4
Female	4.5	7.6	11.1	16.4	20.8	24.8	26.2	27.9	26.8	19.2
All other	24.0	29.4	32.3	39.9	37.8	35.9	31.9	24.7	21.6	15.3
Male	36.7	44.1	47.8	57.9	50.8	49.6	42.7	33.6	35.0	28.1
Female	13.3	17.0	19.5	25.3	27.3	25.2	24.0	18.9	13.9	13.1
Black	28.5	33.8	36.2	43.3	41.9	38.0	33.7	24.1	21.1	13.1
Male	44.2	52.1	56.3	63.0	56.5	53.7	45.3	33.2	34.1	.*
Female	15.4	18.9	20.2	26.8	30.0	25.6	25.6	18.4	13.9	.*

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	10.9	168.0	1.9	0.5	0.5	1.4	2.6	3.9	5.0	6.2
Male	12.6	199.3	2.0	.5	.6	1.7	3.7	5.3	7.3	9.2
Female	9.3	135.2	1.8	.4	.5	1.1	1.6	2.6	2.8	3.2
White	9.9	136.7	1.5	.3	.5	1.2	2.3	3.2	4.0	4.8
Male	11.1	165.4	1.6	.3	.5	1.5	3.2	4.5	5.8	6.9
Female	8.7	106.3	1.3	.4	.4	.8	1.3	2.0	2.2	2.6
All other	16.3	294.6	3.8	1.1	.8	2.1	4.3	7.6	10.3	13.9
Male	20.5	337.5	4.0	1.5	*	2.2	5.7	9.9	15.5	22.5
Female	12.4	250.4	3.7	*	*	2.1	2.9	5.4	5.6	6.5
Black	19.0	325.8	4.3	1.2	.9	2.2	4.9	8.7	12.4	17.0
Male	24.0	369.4	4.5	1.5	*	2.5	6.6	11.5	18.6	28.3
Female	14.5	281.0	4.1	*	*	1.9	3.3	6.3	6.9	7.5
All other diseases (Residual)	69.1	41.1	6.0	2.8	3.3	4.5	6.0	7.5	11.5	16.3
Male	65.5	46.0	6.7	2.8	3.6	5.5	6.9	8.6	14.7	21.6
Female	72.4	36.0	5.4	2.8	2.9	3.6	5.0	6.3	8.3	11.2
White	70.4	34.2	5.6	2.7	3.1	4.3	5.4	6.4	8.7	12.3
Male	65.5	39.4	6.1	2.8	3.5	5.4	6.5	7.8	11.7	16.3
Female	75.1	28.7	5.2	2.6	2.8	3.2	4.3	5.0	5.7	8.3
All other	62.3	69.1	7.6	3.0	3.7	5.5	8.4	12.6	25.9	38.5
Male	66.0	73.0	9.0	2.5	3.8	5.7	8.5	12.9	31.3	53.2
Female	58.9	64.9	6.1	3.6	3.7	5.3	8.4	12.4	21.1	25.8
Black	72.8	77.5	8.1	3.2	4.4	6.1	9.7	14.9	31.0	47.4
Male	77.0	80.6	9.4	2.7	4.5	6.0	9.5	15.3	37.9	65.5
Female	69.1	74.4	6.6	3.8	4.3	6.1	10.0	14.5	24.9	32.2
Accidents and adverse effects (E800-E949)	38.3	25.2	18.7	11.3	12.0	44.3	47.3	39.9	35.8	33.3
Male	52.8	26.8	22.1	14.1	16.1	62.3	74.6	62.2	55.1	51.9
Female	24.5	23.6	15.2	8.4	7.6	25.7	19.9	17.5	16.4	15.0
White	37.9	19.4	17.1	10.3	11.6	48.1	48.1	39.6	34.6	31.0
Male	51.5	20.6	20.2	12.9	15.5	66.6	75.4	61.6	53.0	47.9
Female	24.8	18.2	13.8	7.6	7.6	28.9	20.4	17.2	15.8	13.9
All other	40.5	48.8	25.5	15.5	13.2	28.7	43.4	41.2	41.7	46.4
Male	59.8	52.4	30.1	19.2	18.7	44.3	70.6	65.3	66.4	76.0
Female	22.7	45.2	20.7	11.7	7.5	12.6	17.4	19.1	19.4	20.9
Black	43.7	54.1	26.9	17.3	13.7	27.1	42.9	42.7	46.3	52.5
Male	65.3	57.0	32.4	21.4	20.0	43.0	71.1	67.6	75.0	88.6
Female	24.2	51.1	21.2	13.1	7.2	10.8	16.7	20.2	20.9	22.0
Motor vehicle accidents (E810-E825)	19.2	5.5	6.8	6.2	6.7	35.0	35.8	26.4	20.5	17.7
Male	27.0	5.6	7.2	7.3	8.5	46.9	55.2	39.7	30.2	25.9
Female	11.7	5.3	6.3	5.0	4.9	22.7	16.4	13.1	10.8	9.6
White	19.4	4.8	6.4	5.9	7.1	39.0	37.1	28.7	20.2	17.0
Male	27.0	4.9	6.8	6.9	8.9	51.5	56.8	39.9	29.6	24.5
Female	12.1	4.7	6.0	4.8	5.3	25.9	17.2	13.2	10.7	9.3
All other	18.0	8.1	8.2	7.4	5.2	18.7	29.9	25.0	21.9	21.7
Male	27.1	8.6	8.8	9.1	7.1	27.5	47.4	38.8	33.4	34.3
Female	9.8	7.5	7.6	5.7	3.4	9.6	13.0	12.3	11.5	10.8
Black	18.3	7.8	7.6	8.1	5.1	17.2	29.5	25.2	23.1	22.6
Male	28.3	7.6	8.8	9.9	7.3	26.2	47.8	39.3	36.3	38.0
Female	9.3	7.9	6.3	6.2	2.8	7.9	12.3	12.5	11.4	9.6
All other accidents and adverse effects (E800-E807,E826-E949)	19.1	19.8	11.9	5.2	5.2	9.3	11.4	13.5	15.2	15.7
Male	25.8	21.2	14.9	6.8	7.6	15.4	19.4	22.5	24.9	26.0
Female	12.8	18.3	8.9	3.4	2.7	3.0	3.4	4.5	5.6	5.5
White	18.5	14.6	10.6	4.5	4.5	9.1	11.0	13.0	14.4	14.0
Male	24.5	15.7	13.3	6.0	6.6	15.0	18.6	21.8	23.4	23.4
Female	12.7	13.4	7.8	2.8	2.3	3.0	3.2	4.0	5.1	4.6
All other	22.4	40.8	17.3	8.1	7.9	10.0	13.6	16.2	19.8	24.7
Male	32.7	43.8	21.3	10.1	11.7	16.8	23.2	26.5	33.0	41.8
Female	13.0	37.7	13.1	6.0	4.1	3.0	4.4	6.8	7.9	10.1
Black	25.4	46.4	19.3	9.2	8.6	10.0	13.5	17.5	23.2	29.9
Male	37.0	49.4	23.5	11.5	12.7	16.9	23.2	28.2	38.7	50.8
Female	15.0	43.3	15.0	6.8	4.4	2.9	4.4	7.7	9.5	12.4
Suicide (E950-E959)	12.2	...	...	*	1.4	11.3	15.3	15.2	14.8	15.0
Male	19.9	...	...	*	2.1	18.0	26.4	25.2	23.4	23.6
Female	4.8	...	...	*	.7	4.3	4.2	5.1	6.0	6.4
White	13.1	...	...	*	1.4	12.2	15.6	15.7	15.3	15.8
Male	21.4	...	...	*	2.2	19.4	26.8	25.9	24.0	24.7
Female	5.2	...	...	*	.7	4.5	4.3	5.3	6.5	6.8
All other	7.1	...	...	*	1.2	7.7	13.8	12.6	11.7	10.3
Male	12.0	...	...	*	1.7	12.1	24.1	21.7	20.3	17.2
Female	2.7	...	...	*	*	3.1	3.9	4.2	3.9	4.4
Black	7.0	...	...	*	1.2	6.3	13.2	12.0	12.7	10.8
Male	12.2	...	...	*	1.7	10.3	23.7	21.2	22.8	18.9
Female	2.4	...	...	*	*	2.3	3.4	3.7	3.8	3.9
Homicide and legal intervention (E960-E978)	9.2	8.5	2.7	1.0	1.9	13.7	20.0	17.8	14.8	12.0
Male	14.6	8.2	2.8	1.0	2.4	22.4	32.8	28.2	23.3	19.0
Female	4.1	8.8	2.5	1.0	1.4	4.6	7.2	7.4	6.2	5.1
White	5.4	5.6	1.7	.7	1.2	6.5	10.1	9.6	8.4	7.2
Male	8.2	5.6	1.9	.6	1.4	9.6	15.7	14.7	12.8	11.0
Female	2.8	5.6	1.5	.7	1.0	3.3	4.4	4.5	3.9	3.4
All other	29.5	20.1	6.5	2.3	4.8	43.4	65.5	59.0	48.0	38.7
Male	49.8	18.6	6.7	2.4	6.4	75.7	113.4	100.1	81.6	67.0
Female	11.0	21.6	6.3	2.3	3.1	10.0	19.6	21.3	17.6	14.2
Black	35.8	22.9	7.6	2.4	5.5	52.6	78.8	71.7	59.0	48.2
Male	61.1	22.0	7.9	2.5	7.3	92.7	138.9	123.0	101.8	85.0
Female	12.9	23.9	7.3	2.2	3.6	11.6	22.9	25.3	21.0	17.1

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	6.0	5.8	6.4	8.0	10.5	14.5	20.2	31.9	53.0	143.6
Male	8.7	8.1	9.0	10.8	13.6	19.8	28.0	42.5	66.0	156.2
Female	3.5	3.6	3.8	5.6	7.7	10.0	14.2	25.0	46.0	138.7
White	4.9	4.9	5.5	7.0	9.5	13.5	19.3	30.1	51.0	142.2
Male	6.9	6.7	7.6	9.1	12.2	18.4	27.2	40.2	62.4	152.8
Female	2.8	3.1	3.5	5.0	7.1	9.3	13.2	23.6	45.0	136.2
All other	13.3	12.0	11.7	15.1	17.4	22.3	28.3	47.6	73.7	157.3
Male	20.6	18.0	18.8	22.5	24.8	31.1	35.8	62.6	102.6	185.4
Female	7.3	6.9	5.8	9.0	11.6	15.3	22.9	37.8	57.2	144.3
Black	17.3	14.7	14.0	18.1	20.8	26.4	33.6	56.2	88.3	177.1
Male	26.9	22.7	23.0	26.4	29.3	37.6	43.1	74.3	125.3	215.3
Female	9.4	8.2	6.8	11.2	13.8	17.7	26.9	44.8	67.9	159.4
All other diseases (Residual)	22.1	28.9	40.1	58.8	88.6	136.2	229.6	399.7	735.2	1,534.7
Male	28.4	36.5	49.9	71.5	109.8	166.4	280.1	494.3	874.6	1,658.9
Female	16.0	21.7	30.9	47.3	69.9	110.9	191.1	337.8	600.1	1,486.5
White	17.2	23.2	33.4	52.6	81.3	129.5	223.1	395.8	730.9	1,551.2
Male	22.3	29.1	40.7	63.5	101.4	158.0	271.9	490.1	872.7	1,683.3
Female	12.2	17.6	26.5	42.5	63.5	105.6	185.6	334.2	654.9	1,501.0
All other	52.5	65.0	81.3	99.6	141.8	189.5	287.2	434.8	782.1	1,372.6
Male	69.5	87.2	111.0	127.1	174.5	235.5	354.7	532.4	894.0	1,450.6
Female	38.1	46.3	56.6	76.9	115.2	151.6	238.3	371.2	720.9	1,336.5
Black	67.0	78.6	96.4	115.1	163.4	215.3	329.2	495.3	851.6	1,466.9
Male	89.8	107.7	134.9	147.4	198.5	267.9	406.6	610.7	996.7	1,568.1
Female	48.1	55.0	65.5	88.2	134.7	173.8	275.1	423.1	618.2	1,413.9
Accidents and adverse effects (E800-E949)	31.5	29.7	30.5	33.4	36.5	41.8	58.9	85.5	136.7	255.2
Male	47.9	45.2	45.9	50.7	53.1	58.4	75.6	114.7	189.7	351.6
Female	15.6	15.0	15.1	17.7	21.9	28.0	42.6	65.4	108.1	217.8
White	29.3	27.4	28.3	31.3	34.3	39.6	55.3	84.0	135.7	257.0
Male	44.0	40.7	41.6	46.9	48.9	54.7	72.8	111.5	186.9	354.9
Female	14.7	14.5	15.5	16.8	21.3	26.9	41.9	66.0	109.3	219.8
All other	45.3	44.3	44.5	47.4	52.9	59.5	70.2	99.3	147.3	237.4
Male	74.5	75.7	74.5	76.9	85.9	88.4	100.6	143.7	218.8	324.7
Female	20.8	18.0	19.6	23.0	26.0	36.8	45.2	70.4	106.5	196.9
Black	52.0	49.6	49.6	52.1	59.0	66.2	77.6	109.9	157.4	250.4
Male	87.6	86.6	87.3	84.3	96.4	100.0	111.3	165.2	231.9	347.2
Female	22.5	19.5	19.3	25.2	28.4	39.6	53.9	75.3	116.4	206.7
Motor vehicle accidents (E810-E825)	16.8	15.3	15.9	15.6	15.9	16.9	21.8	27.1	34.3	28.8
Male	24.0	21.9	22.5	22.5	21.7	21.4	27.5	37.1	54.1	60.6
Female	9.8	9.0	9.8	9.3	10.9	13.1	17.5	20.5	23.5	16.5
White	16.1	14.7	15.3	15.1	15.4	16.6	22.0	27.4	34.8	29.7
Male	22.6	20.5	21.0	21.4	20.6	20.9	27.1	36.8	54.6	62.0
Female	9.6	9.1	9.9	9.3	10.9	13.1	18.0	21.2	24.2	17.4
All other	21.1	19.0	19.7	18.9	18.7	18.7	20.8	24.2	28.2	20.6
Male	33.3	31.3	32.4	30.4	30.5	25.7	32.0	39.5	49.6	48.3
Female	10.9	8.7	9.1	8.4	11.0	13.1	12.6	14.2	15.9	*
Black	23.2	20.4	20.9	18.0	20.6	18.8	21.8	23.9	27.0	19.1
Male	37.5	34.5	37.3	30.9	33.2	27.1	34.3	42.8	46.2	48.6
Female	11.4	9.0	7.7	9.0	10.2	12.2	13.0	12.0	16.4	*
All other accidents and adverse effects (E800-E807,E826-E949)	14.7	14.4	14.6	17.8	20.6	25.0	35.0	58.5	102.5	226.4
Male	23.9	23.3	23.4	28.2	31.4	37.0	49.0	77.7	135.6	291.2
Female	5.8	6.0	6.3	8.3	11.0	15.0	25.1	45.9	84.6	201.3
White	13.2	12.7	13.0	16.2	18.9	23.0	33.4	56.6	100.9	227.4
Male	21.4	20.2	20.6	25.5	28.3	33.8	45.8	74.7	132.3	292.9
Female	5.0	5.4	5.6	7.5	10.5	13.8	23.9	44.8	84.1	202.5
All other	24.2	25.3	24.8	28.5	32.1	40.8	49.5	75.1	119.1	216.7
Male	41.3	44.4	42.1	46.5	52.4	62.7	68.6	104.2	169.2	276.4
Female	9.9	9.2	10.5	13.5	15.0	23.6	35.6	56.2	90.5	189.1
Black	28.8	29.2	28.7	33.1	38.5	47.4	55.8	86.0	130.5	231.4
Male	50.1	52.1	50.0	53.3	63.2	72.9	77.0	122.5	185.7	298.6
Female	11.1	10.5	11.6	16.1	18.2	27.4	40.9	63.2	100.0	200.6
Suicide (E950-E959)	14.2	14.5	14.8	15.4	15.6	17.1	19.1	22.4	24.4	22.8
Male	21.7	22.0	22.8	23.9	25.4	29.9	37.3	47.5	58.4	66.7
Female	6.9	7.2	7.4	7.6	7.0	6.5	5.3	5.9	6.1	5.8
White	15.0	15.7	16.2	16.9	16.7	18.2	20.5	24.1	25.8	24.3
Male	22.8	23.6	24.8	26.0	27.1	31.6	39.7	51.2	62.6	71.9
Female	7.4	7.9	8.0	8.4	7.4	6.9	5.7	6.3	6.1	6.2
All other	8.8	6.7	6.3	6.4	7.6	8.8	7.3	6.8	9.4	8.5
Male	14.6	11.2	9.5	8.6	12.2	15.7	15.4	13.4	*	22.5
Female	3.9	3.0	3.7	2.8	3.8	3.3	*	*	*	*
Black	9.7	6.7	6.4	5.4	6.8	8.7	6.5	6.4	*	*
Male	16.9	11.8	9.9	9.3	11.6	15.9	14.6	14.4	*	*
Female	3.8	2.6	3.5	*	*	*	*	*	*	*
Homicide and legal intervention (E960-E978)	9.8	8.1	7.0	5.3	4.8	4.1	4.0	4.0	4.5	4.3
Male	15.7	13.0	11.3	8.4	7.6	5.9	5.7	5.7	5.9	7.6
Female	4.2	3.4	2.9	2.4	2.3	2.7	2.6	2.9	3.8	3.0
White	6.5	5.9	5.0	3.7	3.4	2.9	2.9	2.8	3.6	2.9
Male	9.8	9.1	7.8	5.9	5.3	3.9	3.8	3.6	4.4	5.1
Female	3.2	2.7	2.3	1.6	1.7	2.0	2.2	2.3	3.2	2.0
All other	30.6	22.0	19.0	15.6	15.0	14.1	13.6	14.8	13.8	18.1
Male	55.2	39.3	34.1	25.7	25.3	22.5	23.0	24.8	21.4	29.2
Female	9.9	7.6	6.5	7.2	6.7	7.5	6.7	8.2	*	13.0
Black	38.2	27.4	22.8	18.3	17.9	16.3	15.6	17.3	16.0	21.2
Male	70.2	49.8	41.9	30.1	30.2	26.1	26.6	29.4	26.4	34.7
Female	11.7	9.1	7.5	8.4	7.8	8.5	7.8	9.7	*	15.2

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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 †	Under 1 year ‡	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)	1.1	1.3	0.4	*	0.2	0.7	1.2	1.6	1.9	2.0
Male	1.6	1.5	.4	*	.4	1.2	1.9	2.3	3.0	3.1
Female .....	.6	1.1	.3	*	*	*	.4	.9	.8	.9
White .....	.9	.8	.3	*	.3	.7	1.1	1.3	1.6	1.6
Male	1.4	*	.4	*	.4	1.1	1.7	1.9	2.5	2.4
Female .....	.5	*	*	*	*	*	.4	.6	.7	.7
All other	1.9	3.3	*	*	*	.8	1.6	3.0	3.2	4.6
Male	2.9	*	*	*	*	1.5	2.6	4.1	5.4	7.6
Female9	*	*	*	*	*	*	2.0	1.3	2.1
Black	2.2	3.9	*	*	*	.8	1.6	3.5	4.0	5.7
Male	3.4	*	*	*	*	1.6	2.7	4.7	6.7	9.5
Female	1.1	*	*	*	*	*	*	2.4	1.6	2.5

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Table 1-9. Death Rates for 72 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	1.6	1.2	1.0	1.1	0.7	0.9	0.7	0.9	1.2	1.2
Male	2.3	1.7	1.4	1.6	1.0	1.1	1.1	1.3	1.9	2.7
Female	1.0	.8	.6	.6	.4	.6	.5	.6	*	*
White	1.4	1.1	.8	.9	.7	.8	.7	.7	1.1	1.3
Male	1.9	1.4	1.1	1.3	.9	.9	1.0	1.2	2.0	3.0
Female	.9	.7	.5	.6	.5	.7	.5	*	*	*
All other	3.0	2.2	2.2	2.2	*	*	*	*	*	*
Male	4.9	3.8	3.3	4.1	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black	3.8	2.8	2.7	2.5	*	*	*	*	*	*
Male	6.3	4.8	4.2	4.5	*	*	*	*	*	*
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.

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Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1989—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 †	Under 1 year †	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044, 046-054,056-066,071-088,099-139)	11.8	10.0	1.5	0.4	2.2	19.2	25.7	15.8	9.7	9.7	14.1	22.7
Male	19.6	10.3	1.5	.5	3.3	33.1	46.7	28.8	15.6	12.7	18.9	27.5
Female	4.3	9.8	1.5	.3	1.0	5.3	5.3	3.5	4.4	7.2	11.2	20.8
White	9.9	7.0	1.0	.4	1.7	15.1	20.2	13.5	8.7	9.1	13.7	22.9
Male	16.8	7.8	.9	.4	2.6	27.2	38.1	25.0	14.1	11.9	18.2	27.7
Female	3.2	6.1	1.1	.3	.7	2.7	2.5	2.3	3.8	6.7	11.0	21.1
All other	21.9	22.4	3.4	.5	4.4	40.2	58.0	30.4	16.8	14.8	17.5	21.0
Male	34.9	20.4	3.8	*	6.4	64.8	101.6	54.1	27.2	19.5	25.6	25.8
Female	10.0	24.4	3.1	*	2.3	17.8	20.8	10.6	8.3	11.3	12.4	18.8
Black	26.9	25.5	4.2	.6	5.3	50.4	75.1	38.0	19.8	16.7	18.3	22.5
Male	43.2	22.6	4.5	*	7.9	81.7	132.7	68.9	32.2	22.3	27.3	*
Female	12.2	28.5	3.9	*	2.8	22.3	26.9	13.1	9.4	12.5	12.9	20.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	199.9	2.7	3.4	3.3	5.1	12.1	43.1	157.2	445.1	852.6	1,398.1	1,682.3
Male	217.6	2.5	3.7	3.6	5.8	11.8	38.4	162.8	525.3	1,079.1	1,877.3	2,583.3
Female	183.0	3.0	3.2	3.0	4.3	12.4	47.7	151.9	373.3	670.9	1,010.2	1,312.9
White	207.8	2.9	3.4	3.4	5.0	11.7	40.6	148.9	435.0	842.2	1,330.5	1,684.9
Male	223.3	2.8	3.9	3.7	5.7	11.4	35.6	149.6	505.7	1,054.3	1,853.0	2,586.1
Female	192.9	3.0	3.0	3.0	4.3	12.0	45.5	148.1	370.9	670.8	1,013.9	1,322.1
All other	157.8	*	3.3	3.0	5.4	14.2	58.1	209.4	515.3	938.9	1,411.0	1,635.9
Male	186.6	*	2.7	3.1	6.3	14.0	56.6	251.7	669.6	1,290.2	2,105.9	2,539.3
Female	131.5	*	4.0	2.8	4.5	14.4	59.4	174.1	388.6	672.2	977.6	1,217.2
Black	181.2	*	3.3	3.0	5.9	15.4	68.5	245.5	585.9	1,053.5	1,577.6	1,747.0
Male	216.2	*	2.9	3.3	6.9	14.9	65.3	304.6	759.5	1,460.7	2,410.4	2,787.5
Female	149.6	*	3.7	2.8	4.9	15.8	67.4	197.8	442.3	748.1	1,078.7	1,282.4
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.3	*	*	*	.1	.1	.8	3.8	10.2	13.4	15.7	19.7
Male	4.4	*	*	*	.1	.1	1.2	5.9	15.6	20.2	24.0	28.7
Female	2.2	*	*	*	*	*	.5	1.8	5.4	8.0	10.6	18.1
White	3.2	*	*	*	*	*	.6	2.9	9.3	13.0	15.8	20.3
Male	4.2	*	*	*	*	*	.8	4.4	13.9	19.1	24.0	29.7
Female	2.2	*	*	*	*	*	.4	1.4	5.1	8.1	10.9	16.8
All other	3.6	*	*	*	*	*	2.3	9.3	16.5	16.6	14.1	13.2
Male	5.6	*	*	*	*	*	3.5	15.9	28.2	28.8	24.2	*
Female	1.8	*	*	*	*	*	1.1	3.9	6.9	7.3	7.8	*
Black	4.1	*	*	*	*	*	2.5	11.3	18.8	18.3	14.7	13.6
Male	6.5	*	*	*	*	*	4.1	19.3	32.0	33.0	28.6	*
Female	1.9	*	*	*	*	*	1.2	4.9	7.9	7.3	7.5	*
Malignant neoplasms of digestive organs and peritoneum (150-159)	48.2	*	*	.1	.3	1.5	6.9	30.2	94.8	202.3	360.8	537.0
Male	52.2	*	*	*	.3	1.7	8.4	38.9	124.5	261.8	458.9	670.1
Female	44.4	*	*	*	.3	1.3	5.4	22.0	68.2	154.5	301.2	485.4
White	49.2	*	*	*	.2	1.3	6.0	27.1	89.0	194.9	354.0	535.0
Male	52.7	*	*	*	.2	1.4	7.2	34.0	116.7	252.2	450.6	689.1
Female	45.8	*	*	*	.3	1.2	4.9	20.5	64.0	148.6	295.5	493.9
All other	43.0	*	*	*	.3	2.5	11.9	49.5	134.9	283.2	426.4	557.7
Male	49.7	*	*	*	.8	3.3	15.8	72.2	182.4	344.0	537.5	678.7
Female	36.9	*	*	*	.7	1.8	8.6	30.6	95.9	201.8	357.4	501.6
Black	47.9	*	*	*	.7	2.7	12.5	55.7	149.2	285.9	467.3	575.4
Male	54.9	*	*	*	.7	3.5	16.8	83.7	199.4	368.9	590.6	705.6
Female	41.6	*	*	*	.7	1.9	9.0	33.1	107.7	223.6	393.3	515.2
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	57.3	*	*	*	.1	.7	7.2	48.7	162.3	287.0	336.5	232.2
Male	76.8	*	*	*	.2	.8	9.0	64.1	227.1	425.5	581.3	500.7
Female	38.8	*	*	*	*	.6	5.5	34.2	104.3	175.9	187.7	128.1
White	60.0	*	*	*	.1	.6	6.6	46.0	159.9	286.7	338.3	234.0
Male	79.1	*	*	*	.1	.7	7.8	58.5	219.2	418.6	580.4	510.2
Female	41.6	*	*	*	*	.5	5.3	34.0	106.2	180.2	191.6	129.0
All other	43.3	*	*	*	*	1.0	11.2	65.6	178.7	289.4	319.0	214.6
Male	64.5	*	*	*	*	1.1	16.6	102.0	285.0	484.0	589.6	419.1
Female	23.9	*	*	*	*	.9	6.6	35.2	91.6	141.7	149.8	119.8
Black	50.6	*	*	*	.1	1.3	7.3	208.0	330.1	352.8	227.5	227.5
Male	76.4	*	*	*	.1	2.0	12.6	329.7	561.1	677.3	465.3	465.3
Female	27.4	*	*	*	.1	1.0	7.9	41.2	107.1	156.8	157.4	122.4
Malignant neoplasm of breast (174-175)	17.4	*	*	*	*	1.5	9.0	23.0	41.8	62.1	92.6	135.0
Male	.2	*	*	*	*	*	*	.2	.6	1.1	2.2	4.1
Female	33.7	*	*	*	*	3.0	17.7	44.7	78.6	111.1	147.5	185.8
White	18.3	*	*	*	*	1.3	8.5	22.2	42.0	63.1	94.5	138.0
Male	.3	*	*	*	*	*	*	.2	.6	1.0	2.2	4.2
Female	35.6	*	*	*	*	2.7	17.0	43.6	79.5	113.2	150.5	188.9
All other	12.4	*	*	*	*	2.2	11.7	27.9	40.2	54.4	73.9	105.7
Male	.2	*	*	*	*	*	*	*	*	*	*	*
Female	23.6	*	*	*	*	4.3	21.6	51.1	72.6	94.3	119.4	153.1
Black	14.5	*	*	*	*	2.7	13.9	32.8	45.1	62.1	85.3	120.8
Male	.2	*	*	*	*	*	*	*	*	*	*	*
Female	27.3	*	*	*	*	5.1	25.4	59.2	82.2	106.9	135.3	170.9
Malignant neoplasms of genital organs (179-187)	22.1	*	*	*	.3	1.4	3.8	10.9	33.6	89.5	187.0	274.1
Male	25.7	*	*	*	.3	.7	.7	2.9	27.0	113.7	340.5	688.0
Female	18.7	*	*	*	.3	2.1	6.9	18.5	39.5	70.1	93.6	109.7
White	22.9	*	*	*	.3	1.3	3.5	10.3	31.9	84.9	177.1	264.9
Male	25.5	*	*	*	.3	.7	.8	2.5	24.3	103.8	318.1	675.7
Female	19.2	*	*	*	.3	2.0	6.3	17.9	38.8	68.5	91.6	108.6
All other	21.3	*	*	*	.3	1.5	5.6	14.5	45.4	132.6	281.9	364.1
Male	27.3	*	*	*	*	*	*	5.6	46.5	198.2	551.3	888.8
Female	15.9	*	*	*	*	2.6	9.9	21.9	44.5	82.7	113.4	120.8
Black	25.3	*	*	*	*	1.6	6.2	16.8	52.2	155.2	329.0	404.7
Male	33.3	*	*	*	*	*	*	7.3	55.9	238.2	661.5	1,018.1
Female	18.1	*	*	*	*	2.7	10.8	24.6	49.2	92.9	129.7	134.5

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Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1989—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	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
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-Con.												
Malignant neoplasms of urinary organs (188-189)	8.2	*	0.2	0.1	0.1	0.2	1.0	5.0	15.4	33.1	64.0	94.3
Male	10.7	*	*	*	*	.2	1.4	7.0	22.7	50.1	108.6	174.1
Female	5.7	*	*	*	*	*	.7	3.1	8.9	19.4	38.1	63.3
White	8.8	*	*	.1	*	.1	1.0	5.0	15.8	33.5	65.2	95.5
Male	11.6	*	*	*	*	.1	1.4	7.1	23.6	51.0	109.3	180.3
Female	6.0	*	*	*	*	.1	.6	3.0	8.7	19.3	38.4	63.3
All other	4.9	*	*	*	*	.3	1.2	4.9	13.0	29.6	52.4	81.9
Male	6.0	*	*	*	*	*	1.6	6.5	16.8	42.7	81.1	121.3
Female	3.9	*	*	*	*	*	.9	3.6	10.0	19.7	34.5	63.5
Black	5.7	*	*	*	*	.4	1.3	5.8	14.8	33.2	60.0	86.4
Male	6.9	*	*	*	*	*	1.7	7.9	18.7	47.6	95.7	127.8
Female	4.5	*	*	*	*	*	1.0	4.1	11.7	22.3	38.6	67.9
Malignant neoplasms of all other and unspecified sites (170-173,190-199)												
Male	24.6	1.3	1.8	1.6	1.9	3.5	8.5	22.8	53.7	93.6	147.9	200.6
Female	27.0	1.3	1.9	1.5	2.1	4.1	10.2	28.1	67.0	118.2	190.9	258.7
White	22.3	1.2	1.7	1.6	1.7	2.9	6.8	17.8	41.8	73.8	121.8	178.1
Male	26.0	1.4	1.9	1.6	2.0	3.6	8.6	22.7	53.6	94.1	149.4	203.6
Female	28.4	1.5	2.1	1.6	2.2	4.2	10.2	27.7	66.4	118.9	192.4	262.4
All other	23.8	*	1.7	1.6	1.8	3.0	6.9	17.9	41.9	74.0	123.3	181.3
Male	16.9	*	1.6	1.5	1.6	2.9	7.8	23.4	54.7	89.5	133.9	170.8
Female	19.3	*	*	1.3	1.6	3.5	10.1	30.9	71.2	112.3	176.6	227.0
Black	14.7	*	2.0	1.7	1.5	2.4	5.9	17.1	41.2	72.2	107.4	144.8
Male	19.3	*	1.7	1.6	1.7	3.1	9.3	27.2	62.9	98.9	147.4	179.2
Female	22.2	*	*	1.4	1.8	3.7	12.3	37.5	81.6	123.7	197.1	245.8
Female	16.7	*	1.9	1.8	1.6	2.6	6.8	18.9	47.5	80.2	117.7	149.1
Leukemia (204-208)												
Male	7.4	.8	1.1	1.2	1.4	1.6	2.3	4.6	11.7	26.2	50.3	73.7
Female	8.3	*	1.1	1.4	1.7	1.8	2.7	5.3	14.6	35.1	71.9	100.0
White	6.4	1.1	1.1	1.0	1.1	1.3	2.0	3.9	9.1	19.1	37.2	63.5
Male	7.9	1.0	1.1	1.3	1.4	1.6	2.3	4.6	11.9	26.7	51.7	76.0
Female	8.8	*	1.2	1.5	1.7	1.8	2.6	5.3	14.8	35.7	73.6	103.4
All other	7.0	1.3	.9	1.0	1.1	1.3	2.0	3.9	9.2	19.5	38.5	65.5
Male	4.6	*	1.2	1.1	1.4	1.5	2.7	4.4	10.6	21.9	36.8	51.6
Female	5.5	*	*	1.3	1.8	1.8	3.4	5.2	13.7	29.9	55.8	70.8
Black	3.8	*	1.6	.8	1.0	1.2	2.1	3.8	8.1	15.9	24.9	42.7
Male	5.0	*	1.0	1.0	1.5	1.4	2.8	5.0	11.3	23.4	42.3	55.9
Female	6.0	*	*	1.4	1.9	1.7	3.5	6.2	13.7	32.1	64.4	79.2
Female	4.2	*	*	*	1.1	1.2	2.2	4.0	9.3	16.9	29.1	45.5
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)												
Male	11.5	*	.2	.3	.8	1.8	3.5	8.2	21.6	45.5	83.3	95.7
Female	12.2	*	*	.4	1.1	2.5	4.7	10.5	26.2	53.4	101.0	128.8
White	10.8	*	*	.2	.6	1.1	2.3	6.1	17.5	39.2	72.5	82.8
Male	12.2	*	*	.3	.8	1.7	3.4	8.0	21.6	46.0	84.4	97.6
Female	12.8	*	*	.4	1.0	2.3	4.7	10.1	26.3	54.0	102.4	131.0
All other	11.6	*	*	.2	.6	1.1	2.2	6.0	17.4	39.5	73.6	84.9
Male	7.7	*	*	*	.8	2.1	3.7	9.8	21.1	41.7	72.7	76.5
Female	8.7	*	*	*	1.3	3.3	4.9	13.2	25.2	48.3	88.5	110.1
Black	6.9	*	*	*	*	.9	2.6	6.9	17.7	36.6	62.9	60.9
Male	8.8	*	*	*	1.0	2.3	4.5	11.3	23.4	46.5	78.8	83.5
Female	9.9	*	*	*	1.5	3.8	6.1	15.8	27.9	53.7	95.3	119.4
Female	7.8	*	*	*	*	1.0	3.1	7.7	19.7	41.1	69.0	67.3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)												
Male	2.7	1.4	.4	.2	.2	.4	.8	1.6	3.8	8.5	20.5	39.0
Female	2.5	1.4	.4	.3	.3	.4	.8	1.9	4.0	9.4	23.4	46.1
White	2.9	1.4	.4	.2	.2	.3	.8	1.4	3.5	7.8	18.7	36.3
Male	2.8	1.2	.4	.2	.2	.4	.7	1.6	3.7	8.3	20.6	39.0
Female	2.6	1.5	.3	.3	.2	.5	.8	1.8	3.9	9.3	23.9	46.8
All other	3.0	*	.4	.2	.2	.3	.7	1.4	3.5	7.5	18.7	36.1
Male	2.1	*	.7	*	.4	.4	1.1	2.0	4.3	10.3	19.1	39.1
Female	1.9	*	*	*	.6	.9	2.3	5.1	10.5	18.6	40.4	64.4
Black	2.3	*	*	*	*	.6	1.3	1.8	3.8	10.1	19.4	38.5
Male	2.4	*	*	*	.4	.5	1.2	2.4	5.0	11.3	21.3	41.1
Female	2.2	*	*	*	*	*	*	2.6	6.1	11.5	20.9	43.1
Female	2.6	*	*	*	*	.7	1.3	2.2	4.2	11.1	21.6	40.0
Diabetes mellitus (250)												
Male	18.9	*	*	.1	.4	1.6	3.9	11.2	32.1	72.4	145.1	245.6
Female	16.3	*	*	*	.4	1.9	4.9	12.8	33.2	73.1	147.3	240.1
White	21.3	*	*	.1	.4	1.3	2.9	9.6	31.2	71.8	143.7	247.7
Male	18.2	*	*	.1	.3	1.4	3.5	9.3	27.3	65.4	135.5	238.4
Female	15.9	*	*	*	.3	1.7	4.4	10.9	29.0	67.8	142.2	238.6
All other	20.4	*	*	.1	.3	1.2	2.6	7.7	25.7	63.4	131.5	238.3
Male	22.4	*	*	*	.7	2.2	6.5	23.0	66.1	130.6	236.9	316.0
Female	18.4	*	*	*	.8	3.0	8.4	26.0	64.0	118.6	195.5	252.8
Black	26.0	*	*	*	.6	1.5	5.0	20.5	67.7	139.8	263.3	345.3
Male	25.9	*	*	*	.9	2.7	8.4	27.2	75.8	147.3	281.9	341.9
Female	21.1	*	*	*	.9	3.6	10.8	31.2	72.5	139.9	210.4	263.9
Female	30.3	*	*	*	.8	1.9	6.4	24.0	78.6	157.4	292.7	373.9
Nutritional deficiencies (260-269)												
Male	1.2	*	*	*	*	*	.1	.2	.6	1.9	9.6	50.2
Female	.9	*	*	*	*	*	*	.2	.6	2.0	9.9	51.8
White	1.5	*	*	*	*	*	*	.5	.5	1.8	9.4	49.5
Male	1.2	*	*	*	*	*	.1	.2	.4	1.6	8.9	48.7
Female	.9	*	*	*	*	*	*	.5	.5	1.7	9.1	49.7
All other	1.6	*	*	*	*	*	*	*	.4	1.6	8.8	48.4
Male	1.2	*	*	*	*	*	*	*	1.3	3.7	16.3	64.4
Female	1.1	*	*	*	*	*	*	*	1.8	4.5	17.7	69.7
Black	1.3	*	*	*	*	*	*	*	*	3.1	15.4	62.0
Male	1.4	*	*	*	*	*	*	*	*	1.5	4.4	18.7
Female	1.3	*	*	*	*	*	*	*	2.2	5.2	21.2	76.4
Female	1.6	*	*	*	*	*	*	*	*	3.9	17.2	67.9

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Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1989—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	1.0	0.3	0.1	0.3	0.4	0.5	0.7	1.2	3.5	11.4	39.7
Male	1.4	1.1	.4	.2	.4	.4	.5	.7	1.3	3.6	12.9	44.2
Female	1.8	*	.3	*	.3	.4	.5	.6	1.2	3.5	10.4	37.9
White	1.5	*	.2	.1	.1	.1	.2	.4	1.0	3.3	11.2	39.8
Male	1.2	*	*	*	.2	*	.2	.5	1.0	3.4	12.8	44.7
Female	1.7	*	*	*	*	.1	.2	.3	.9	3.2	10.2	37.7
All other	2.3	2.9	1.0	.3	1.1	1.9	2.2	2.4	2.9	5.2	12.9	40.2
Male	2.2	*	*	*	1.2	2.3	2.4	2.4	3.2	4.8	13.8	40.4
Female	2.4	*	*	*	1.1	1.5	2.1	2.3	2.7	5.5	12.4	40.1
Black	2.6	*	1.3	*	1.4	2.4	3.0	3.0	3.4	5.8	14.8	44.9
Male	2.8	*	*	*	1.5	3.0	3.2	3.1	3.8	5.0	16.2	48.6
Female	2.8	*	*	*	1.4	1.8	2.7	3.0	3.1	6.3	14.0	43.0
Meningitis (320-322)	.4	5.8	.7	.1	.1	.1	.2	.3	.5	.9	1.2	2.1
Male	.5	6.2	.9	*	*	.2	.4	.4	.6	1.0	1.2	2.7
Female	.4	5.4	.4	*	*	.1	.1	.2	.4	.8	1.3	1.9
White	.3	4.0	.6	*	*	.1	.2	.2	.3	.7	1.2	1.9
Male	.4	4.6	.8	*	*	.1	.2	.2	.4	.9	1.1	2.8
Female	.3	3.5	.4	*	*	*	*	.3	.6	1.2	1.6	1.6
All other	.9	12.9	1.0	*	*	.3	.8	1.2	1.5	2.1	*	*
Male	1.1	13.1	1.3	*	*	*	1.3	1.7	1.7	*	*	*
Female	.8	12.7	*	*	*	*	*	*	*	2.2	*	*
Black	1.1	14.1	1.1	*	*	.4	1.0	1.5	1.6	2.3	*	*
Male	1.3	14.0	*	*	*	*	1.8	2.2	*	*	*	*
Female	.9	14.1	*	*	*	*	*	*	*	2.3	*	*
Major cardiovascular diseases (390-448)	375.4	23.4	2.2	1.1	3.4	10.6	40.5	147.9	445.4	1,119.1	3,093.4	8,908.0
Male	372.8	25.2	2.5	1.1	4.1	13.6	58.4	217.5	635.2	1,507.3	3,840.7	9,510.2
Female	377.8	21.5	2.0	1.1	2.8	7.5	23.0	82.0	275.4	807.5	2,638.9	8,674.5
White	392.8	19.6	1.8	1.0	2.8	8.5	33.5	129.8	415.2	1,084.6	3,076.0	9,096.0
Male	388.1	21.9	2.0	1.0	3.5	11.4	49.9	195.5	605.9	1,483.4	3,857.1	9,775.7
Female	397.3	17.1	1.6	.9	2.2	5.6	17.1	66.2	242.2	762.3	2,603.0	8,837.4
All other	282.7	39.0	4.0	1.8	5.9	21.2	81.5	261.3	655.5	1,404.1	3,259.5	7,060.9
Male	289.4	38.8	4.6	1.6	6.6	26.0	112.5	366.1	850.3	1,709.9	3,887.3	7,240.4
Female	276.5	39.2	3.5	2.0	5.2	16.7	55.0	173.9	495.6	1,171.8	2,997.0	6,977.6
Black	329.1	43.6	4.4	1.9	6.9	25.5	101.2	314.6	759.4	1,595.8	3,657.1	7,494.9
Male	333.5	42.4	5.0	1.8	7.8	31.7	140.3	445.6	972.7	1,933.0	4,101.8	7,820.8
Female	325.1	44.9	3.8	2.0	6.0	20.1	68.4	208.8	583.0	1,342.7	3,390.7	7,394.5
Diseases of heart (390-398,402,404-429)	295.6	19.7	1.9	.8	2.6	7.9	32.3	124.2	376.7	911.8	2,400.6	6,701.6
Male	304.3	21.0	2.1	.8	3.2	10.8	49.1	190.3	551.3	1,255.3	3,043.5	7,338.2
Female	287.3	18.2	1.7	.8	1.9	5.0	15.9	61.6	220.5	636.1	2,009.6	6,454.7
White	310.5	16.3	1.5	.7	2.1	6.4	27.5	111.6	355.6	890.2	2,396.4	6,847.6
Male	318.3	18.4	1.7	.7	2.7	8.9	43.1	174.8	531.5	1,243.8	3,066.1	7,549.9
Female	303.0	14.2	1.3	.6	1.5	3.8	11.9	50.4	196.1	604.4	1,990.7	6,580.4
All other	216.4	33.1	3.5	1.4	4.5	15.6	60.2	203.2	523.9	1,090.9	2,440.8	5,268.9
Male	228.2	32.0	4.0	1.2	5.4	20.6	86.8	295.0	697.1	1,352.5	2,830.7	5,528.1
Female	205.6	34.3	3.0	1.6	3.6	11.0	37.5	126.5	381.7	892.2	2,200.5	5,145.8
Black	252.5	37.0	3.9	1.5	5.3	18.9	75.0	245.6	608.2	1,242.0	2,741.8	5,605.1
Male	263.5	34.4	4.6	1.4	6.3	25.3	108.3	359.4	795.8	1,531.5	3,157.2	5,837.5
Female	242.7	39.7	3.2	1.6	4.2	13.1	47.1	157.7	453.1	1,024.9	2,492.9	5,469.7
Rheumatic fever and rheumatic heart disease (390-398)	2.5	*	*	*	.1	.2	.7	1.6	4.0	9.2	19.7	27.2
Male	1.6	*	*	*	*	.2	.6	1.2	3.3	6.6	13.8	19.8
Female	3.3	*	*	*	.1	.3	.8	1.9	4.6	11.2	23.3	30.1
White	2.6	*	*	*	.1	.2	.6	1.5	4.0	9.5	20.7	28.8
Male	1.6	*	*	*	*	.2	.4	1.2	3.2	6.9	14.5	21.4
Female	3.6	*	*	*	*	.2	.7	1.8	4.6	11.6	24.5	31.7
All other	1.4	*	*	*	*	.5	1.6	2.3	4.1	6.5	9.5	11.0
Male	1.1	*	*	*	*	*	1.7	1.6	3.5	4.8	6.8	*
Female	1.8	*	*	*	*	*	1.4	2.9	4.5	7.7	11.3	13.5
Black	1.5	*	*	*	*	.5	1.8	2.3	4.1	6.0	10.0	10.6
Male	1.2	*	*	*	*	*	2.0	1.7	3.8	4.9	7.2	*
Female	1.7	*	*	*	*	*	1.6	2.8	4.4	6.8	11.6	12.7
Hypertensive heart disease (402)	8.4	*	*	*	*	.3	1.6	5.7	13.6	25.8	63.3	163.5
Male	7.4	*	*	*	*	.5	2.2	7.5	18.0	30.2	60.1	118.2
Female	9.5	*	*	*	*	.2	1.0	4.0	9.7	22.3	65.2	181.1
White	7.2	*	*	*	*	.2	.8	3.1	9.0	19.8	54.7	153.9
Male	5.9	*	*	*	*	.3	1.2	4.4	12.4	23.7	51.7	105.8
Female	8.4	*	*	*	*	*	.4	1.9	6.0	16.7	56.5	172.3
All other	15.2	*	*	*	*	1.0	6.3	21.7	45.7	75.5	145.0	257.7
Male	15.1	*	*	*	*	1.4	8.3	28.6	59.2	85.3	138.3	224.7
Female	15.2	*	*	*	*	.7	4.7	15.9	34.7	68.0	149.5	272.9
Black	18.5	*	*	*	*	1.3	8.4	27.6	55.9	90.1	169.0	280.5
Male	18.5	*	*	*	*	1.8	11.1	36.5	71.3	101.9	160.8	243.1
Female	18.6	*	*	*	*	.8	6.1	20.4	43.1	81.2	173.9	295.2
Hypertensive heart and renal disease (404)	1.0	*	*	*	*	*	.1	.3	.9	2.6	8.7	24.2
Male	.8	*	*	*	*	*	.1	.4	1.0	2.6	9.3	24.7
Female	1.1	*	*	*	*	*	*	.2	.8	2.6	8.4	24.0
White	.8	*	*	*	*	*	*	*	.5	1.9	7.2	22.3
Male	.6	*	*	*	*	*	*	*	.7	2.0	7.3	24.0
Female	1.0	*	*	*	*	*	*	*	.4	1.7	7.1	21.7
All other	1.8	*	*	*	*	*	.4	1.5	3.5	8.9	23.4	42.3
Male	1.6	*	*	*	*	*	*	2.4	3.6	7.8	27.9	30.3
Female	1.9	*	*	*	*	*	*	*	3.5	9.7	20.7	47.9
Black	2.1	*	*	*	*	*	.5	2.0	4.1	10.7	27.2	47.5
Male	1.9	*	*	*	*	*	*	3.2	4.2	9.3	32.7	34.7
Female	2.3	*	*	*	*	*	*	*	4.1	11.7	23.9	52.7

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Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1989—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 †	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
Diseases of heart-Con.												
Ischemic heart disease (410-414)	200.6	0.8	*	*	0.3	2.6	18.0	80.3	255.3	638.6	1,670.2	4,465.8
Male	212.9	*	*	*	.4	4.0	29.5	129.1	385.1	900.9	2,181.1	5,042.5
Female	189.0	*	*	*	.2	1.2	6.7	34.2	139.1	428.1	1,359.6	4,242.2
White	216.2	*	*	*	.2	2.4	17.0	77.3	251.6	641.4	1,698.1	4,610.1
Male	229.3	*	*	*	.3	3.7	28.3	125.9	386.0	917.9	2,239.4	5,254.3
Female	203.7	*	*	*	.1	1.0	5.6	30.3	129.6	418.0	1,370.2	4,365.0
All other	117.7	*	*	*	.6	3.8	23.8	99.4	281.2	615.3	1,403.0	3,048.4
Male	123.5	*	*	*	.7	5.4	36.9	150.4	378.0	754.8	1,633.8	3,231.5
Female	112.3	*	*	*	*	2.3	12.6	58.8	201.8	509.2	1,260.8	2,963.5
Black	135.0	*	*	*	.7	4.6	29.0	117.0	320.6	688.5	1,551.5	3,207.2
Male	139.2	*	*	*	.8	6.7	44.6	177.7	421.9	835.4	1,785.6	3,355.6
Female	131.1	*	*	*	*	2.9	15.9	68.0	236.8	578.2	1,411.2	3,123.0
Acute myocardial infarction (410)	99.5	*	*	*	.2	1.5	10.4	48.4	150.0	355.8	836.9	1,895.5
Male	111.0	*	*	*	.3	2.2	17.1	77.5	225.1	497.1	1,099.3	2,056.0
Female	88.5	*	*	*	.1	.7	3.9	20.7	82.7	242.4	677.3	1,555.7
White	106.8	*	*	*	.2	1.4	10.0	47.2	149.0	358.1	850.7	1,737.7
Male	119.6	*	*	*	.2	2.1	16.7	76.9	227.4	507.0	1,129.5	2,130.6
Female	94.6	*	*	*	*	.6	3.4	18.5	77.8	237.8	681.9	1,588.3
All other	60.4	*	*	*	.4	2.0	12.7	55.5	157.0	336.5	704.0	1,280.4
Male	64.3	*	*	*	*	2.9	19.8	81.8	208.2	411.5	815.5	1,418.0
Female	56.8	*	*	*	*	1.2	6.8	33.6	115.1	279.6	635.3	1,216.7
Black	69.1	*	*	*	.5	2.5	15.5	64.6	178.2	375.4	775.1	1,359.7
Male	72.5	*	*	*	*	3.5	23.7	95.1	231.3	454.6	892.1	1,495.8
Female	66.1	*	*	*	*	1.6	8.6	39.8	134.4	316.0	705.0	1,292.1
Other acute and subacute forms of ischemic heart disease (411)	1.4	*	*	*	*	.1	.3	1.0	2.7	4.5	9.0	23.6
Male	1.6	*	*	*	*	.1	.4	1.6	4.2	6.6	11.5	26.4
Female	1.2	*	*	*	*	*	.1	.4	1.3	2.9	7.5	22.5
White	1.4	*	*	*	*	*	.3	.9	2.4	4.3	8.5	24.0
Male	1.6	*	*	*	*	*	.4	1.5	3.9	6.4	10.8	26.5
Female	1.2	*	*	*	*	*	*	.3	1.1	2.6	7.1	23.0
All other	1.4	*	*	*	*	*	*	1.8	4.6	6.7	14.2	19.9
Male	1.6	*	*	*	*	*	*	2.4	6.6	8.5	18.3	24.7
Female	1.2	*	*	*	*	*	*	1.3	3.0	5.3	11.7	17.7
Black	1.6	*	*	*	*	*	*	2.2	5.3	7.9	16.6	21.6
Male	1.9	*	*	*	*	*	*	3.0	7.3	10.1	21.9	27.8
Female	1.4	*	*	*	*	*	*	1.6	3.7	6.2	13.4	18.8
Angina pectoris (413) .....	.4	*	*	*	*	*	*	.2	.4	1.2	3.8	10.7
Male .....	.4	*	*	*	*	*	*	.3	.6	1.5	4.6	9.9
Female .....	.5	*	*	*	*	*	*	.3	.3	1.0	3.3	11.1
White .....	.5	*	*	*	*	*	*	.2	.4	1.2	3.7	11.3
Male .....	.4	*	*	*	*	*	*	.2	.6	1.5	4.4	10.5
Female .....	.5	*	*	*	*	*	*	.3	.3	1.0	3.3	11.6
All other .....	.3	*	*	*	*	*	*	*	*	1.6	4.0	*
Male .....	.3	*	*	*	*	*	*	*	*	*	5.6	*
Female .....	.3	*	*	*	*	*	*	*	*	*	*	*
Black .....	.3	*	*	*	*	*	*	*	*	1.8	4.2	*
Male .....	.3	*	*	*	*	*	*	*	*	*	*	*
Female .....	.3	*	*	*	*	*	*	*	*	*	*	*
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	99.4	*	*	*	.1	1.1	7.2	30.8	102.2	277.1	820.6	2,736.0
Male	99.9	*	*	*	*	1.6	11.9	49.7	155.2	395.8	1,055.8	2,950.2
Female	98.8	*	*	*	*	.5	2.6	12.9	54.8	181.8	671.5	2,652.9
White	107.6	*	*	*	.1	1.0	6.6	29.1	99.8	277.9	835.2	2,837.1
Male	107.7	*	*	*	*	1.5	11.2	47.3	154.1	403.0	1,094.7	3,086.6
Female	107.4	*	*	*	*	.4	2.1	11.4	50.5	176.7	678.0	2,742.2
All other	55.6	*	*	*	*	1.6	10.7	41.8	119.0	270.5	680.8	1,742.3
Male	57.3	*	*	*	*	2.3	16.8	65.7	162.7	333.3	794.4	1,784.3
Female	54.1	*	*	*	*	1.0	5.6	21.8	83.2	222.7	610.8	1,722.9
Black	63.9	*	*	*	*	2.0	13.2	49.9	136.5	303.4	755.7	1,819.1
Male	64.5	*	*	*	*	2.9	20.6	79.0	182.9	368.9	865.8	1,826.4
Female	63.3	*	*	*	*	1.3	7.0	26.4	98.2	254.3	689.7	1,804.8
Other diseases of endocardium (424)	4.9	*	*	*	.1	.4	.7	1.3	4.2	12.8	44.3	125.3
Male	4.4	*	*	*	.1	.4	1.0	1.8	5.2	15.4	50.6	130.8
Female	5.4	*	*	*	*	.3	.3	.9	3.4	10.7	40.5	123.2
White	5.4	*	*	*	.1	.3	.5	1.2	4.1	13.1	46.1	131.3
Male	4.7	*	*	*	.1	.4	.8	1.6	5.1	16.1	52.6	137.7
Female	6.0	*	*	*	*	.2	.3	.8	3.3	10.7	42.2	128.9
All other	2.5	*	*	*	*	.7	1.4	2.0	4.8	10.3	27.3	66.2
Male	2.5	*	*	*	*	.8	2.2	2.8	6.1	9.7	31.8	71.9
Female	2.5	*	*	*	*	*	.8	1.4	3.8	10.7	24.6	63.5
Black	2.8	*	*	*	*	.8	1.7	2.3	5.3	11.8	30.3	62.3
Male	2.8	*	*	*	*	1.1	2.8	3.3	6.9	10.9	34.2	58.3
Female	2.8	*	*	*	*	*	*	1.5	4.1	12.4	28.0	63.6
All other forms of heart disease (415-423,425-429)	78.2	18.2	1.8	0.7	2.0	4.3	11.3	35.0	98.7	222.8	594.3	1,895.6
Male	77.4	19.3	1.9	.7	2.6	5.6	15.7	50.4	138.8	299.5	728.5	2,002.2
Female	79.1	17.1	1.6	.7	1.5	3.0	7.0	20.4	62.8	161.3	512.6	1,854.3
White	78.3	15.1	1.3	.6	1.7	3.3	8.6	28.4	86.4	204.5	569.4	1,901.2
Male	76.1	16.8	1.5	.6	2.1	4.4	12.3	41.7	124.1	277.2	700.5	2,006.7
Female	80.4	13.4	1.2	.5	1.2	2.2	5.0	15.5	52.2	145.7	490.1	1,861.0
All other	77.9	30.7	3.5	1.3	3.6	9.5	26.7	76.3	184.5	374.5	832.4	1,841.3
Male	84.4	29.5	3.9	1.0	4.4	12.2	37.2	109.2	246.8	490.0	992.1	1,964.0
Female	71.9	31.9	3.0	1.5	2.7	7.0	17.7	48.8	133.4	286.9	733.7	1,784.4
Black	92.7	34.6	3.9	1.3	4.2	11.5	33.7	94.3	218.1	435.1	953.8	1,997.0
Male	100.0	31.8	4.5	1.1	5.2	15.0	47.1	136.9	287.7	569.1	1,136.7	2,140.3
Female	86.1	37.4	3.2	1.5	3.2	8.3	22.5	59.9	160.6	334.5	844.2	1,922.4

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Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1989—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)	3.5	*	*	*	*	0.2	0.5	1.5	4.0	10.5	29.3	81.5
Male	3.1	*	*	*	*	.2	.6	2.1	4.7	11.8	32.9	81.1
Female	3.9	*	*	*	*	*	.4	1.0	3.3	9.5	27.1	81.7
White	3.2	*	*	*	*	.1	.2	.9	2.8	8.4	25.7	78.7
Male	2.8	*	*	*	*	.1	.3	1.2	3.7	9.5	29.5	78.8
Female	3.6	*	*	*	*	*	.2	.5	2.1	7.5	23.4	78.7
All other	5.4	*	*	*	*	.5	2.0	5.6	12.0	28.3	63.4	108.9
Male	5.1	*	*	*	*	.8	2.5	7.7	12.4	31.2	64.5	100.0
Female	5.7	*	*	*	*	*	1.5	3.9	11.7	26.0	62.9	113.0
Black	6.5	*	*	*	*	.7	2.6	7.1	14.7	33.3	73.2	118.2
Male	6.1	*	*	*	*	*	3.4	9.7	15.3	36.5	75.9	105.6
Female	6.9	*	*	*	*	*	1.9	4.9	14.3	30.9	71.6	123.0
Corebrovascular diseases (430-438)	58.6	3.2	0.3	0.2	0.6	2.1	6.4	18.4	48.8	144.7	519.8	1,831.0
Male	47.4	3.5	.3	.6	2.1	7.1	20.0	55.9	164.3	564.0	1,539.2	
Female	69.3	2.9	.3	.2	2.1	5.9	16.9	42.5	128.9	493.0	1,666.6	
White	60.1	2.7	.2	.2	1.6	4.7	14.0	41.2	133.2	507.9	1,660.2	
Male	47.5	2.8	*	.3	1.7	5.0	14.8	47.4	152.2	554.6	1,568.3	
Female	72.1	2.5	*	.2	1.5	4.3	13.2	35.6	117.8	479.7	1,695.9	
All other	51.0	5.5	*	.3	4.4	17.0	46.0	101.9	240.1	633.9	1,338.8	
Male	46.7	6.5	*	.9	4.1	20.2	55.2	118.6	288.4	651.8	1,289.9	
Female	55.0	*	*	*	1.2	4.7	14.2	38.3	88.2	218.6	623.9	1,361.5
Black	58.6	6.1	*	*	5.3	20.5	54.2	115.8	271.1	708.5	1,399.2	
Male	53.2	7.6	*	*	4.8	24.9	66.8	135.6	301.8	715.5	1,333.3	
Female	63.5	*	*	*	1.3	5.7	16.9	44.1	99.5	248.1	701.1	1,419.4
Intracerebral and other intracranial hemorrhage (431-432)	8.3	1.3	*	.1	.3	.7	2.5	6.9	13.9	26.6	64.6	112.0
Male	7.8	1.4	*	.1	.3	.8	3.1	8.0	15.9	29.8	70.1	120.7
Female	8.8	1.1	*	*	.2	.6	1.9	5.8	12.1	24.0	61.3	108.7
White	8.0	.9	*	.1	.2	.5	1.5	4.7	11.7	25.0	63.9	112.5
Male	7.3	*	*	*	.2	.6	1.9	5.2	13.1	27.9	69.5	123.4
Female	8.7	*	*	*	.2	.5	1.2	4.2	10.4	22.6	60.6	108.3
All other	9.8	2.8	*	.5	1.8	7.8	20.6	39.8	71.3	107.8	171.3	
Male	10.6	*	*	*	2.2	10.5	27.1	36.3	46.2	75.5	97.8	
Female	9.1	*	*	*	1.4	5.5	15.2	23.6	35.0	68.7	112.5	
Black	10.8	*	*	*	.5	2.2	9.6	24.1	32.2	41.5	71.6	106.4
Male	11.8	*	*	*	2.6	13.2	32.6	40.7	48.1	74.1	87.5	
Female	10.0	*	*	*	1.8	6.7	17.3	25.2	36.5	70.0	113.9	
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	8.0	*	*	*	.1	.1	.3	1.4	5.5	18.8	71.6	250.9
Male	6.3	*	*	*	*	*	.4	1.9	6.8	22.3	76.0	235.2
Female	9.5	*	*	*	*	*	.2	.9	4.4	16.0	68.9	257.0
White	8.4	*	*	*	*	.1	.3	1.1	4.8	17.4	70.8	258.1
Male	6.5	*	*	*	*	*	.3	1.5	6.2	20.5	76.4	242.6
Female	10.1	*	*	*	*	*	.2	.7	3.6	14.9	67.4	264.0
All other	5.9	*	*	*	*	.8	3.2	10.5	30.8	79.5	180.4	
Male	5.2	*	*	*	*	.9	4.4	11.7	37.8	73.0	171.9	
Female	6.4	*	*	*	*	*	2.2	9.4	25.4	63.7	184.4	
Black	6.9	*	*	*	*	1.0	3.8	12.1	35.4	91.1	180.7	
Male	6.1	*	*	*	*	1.2	5.2	13.5	43.9	82.0	176.4	
Female	7.6	*	*	*	*	*	2.7	10.9	29.1	96.6	195.8	
Cerebral embolism (434.1) .....	.3	*	*	*	*	*	*	*	.3	.8	2.8	5.6
Male .....	.2	*	*	*	*	*	*	*	.3	.9	2.7	5.1
Female .....	.3	*	*	*	*	*	*	*	.2	.8	2.9	5.8
White .....	.3	*	*	*	*	*	*	*	.2	.8	2.9	5.7
Male .....	.2	*	*	*	*	*	*	*	.3	.8	2.8	5.1
Female .....	.4	*	*	*	*	*	*	*	.2	.8	3.1	5.9
All other .....	.2	*	*	*	*	*	*	*	*	*	*	*
Male .....	.2	*	*	*	*	*	*	*	*	*	*	*
Female .....	.1	*	*	*	*	*	*	*	*	*	*	*
Black .....	.2	*	*	*	*	*	*	*	*	*	*	*
Male .....	.2	*	*	*	*	*	*	*	*	*	*	*
Female .....	.2	*	*	*	*	*	*	*	*	*	*	*
All other and late effects of cerebrovascular diseases (430,433,435-438)	42.1	1.5	*	.1	.3	1.3	3.6	10.1	29.1	98.4	380.7	1,262.5
Male	33.0	1.7	*	.1	.3	1.2	3.5	10.1	32.9	111.3	415.2	1,178.2
Female	50.6	1.4	*	*	.3	1.4	3.8	10.1	25.8	88.1	359.8	1,295.1
White	43.4	1.4	*	.1	.3	1.0	2.8	8.2	24.5	90.0	370.2	1,284.5
Male	33.4	1.4	*	*	.3	1.0	2.7	8.1	27.9	103.0	406.0	1,197.2
Female	52.8	1.4	*	*	.3	1.0	3.0	8.2	21.4	79.4	348.7	1,317.7
All other	35.1	*	*	.5	2.5	8.3	22.1	61.8	168.6	481.3	1,045.9	
Male	30.7	*	*	*	1.8	8.6	23.5	70.0	183.0	501.7	1,015.7	
Female	39.2	*	*	.7	3.1	8.1	20.9	55.0	157.6	469.4	1,059.9	
Black	40.7	*	*	.6	2.9	9.9	26.2	71.1	193.2	541.9	1,097.0	
Male	35.2	*	*	*	2.1	10.3	28.9	80.7	208.3	557.9	1,085.3	
Female	45.8	*	*	*	.8	3.7	9.4	24.0	63.2	181.8	532.3	1,104.2
Atherosclerosis (440)	7.8	*	*	*	*	*	.1	.7	3.3	12.9	59.0	338.7
Male	6.0	*	*	*	*	*	.2	.9	4.5	16.3	88.9	327.6
Female	9.5	*	*	*	*	*	*	.5	2.3	10.2	53.0	343.0
White	8.5	*	*	*	*	*	.1	.7	3.2	12.7	59.7	350.0
Male	6.5	*	*	*	*	*	.2	.9	4.4	16.2	70.6	341.9
Female	10.4	*	*	*	*	*	*	.4	2.1	9.9	53.2	353.1
All other	4.0	*	*	*	*	*	*	.8	4.5	14.4	52.3	228.1
Male	3.2	*	*	*	*	*	*	*	5.3	17.1	53.5	205.6
Female	4.7	*	*	*	*	*	*	*	3.8	12.4	51.8	238.5
Black	4.7	*	*	*	*	*	*	1.0	5.3	16.0	60.9	247.0
Male	3.8	*	*	*	*	*	*	*	6.6	18.9	62.9	226.4
Female	5.5	*	*	*	*	*	*	*	4.3	13.9	59.7	254.5

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Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1989—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)	9.8	.	.	.	0.2	0.4	1.2	3.1	12.5	39.1	84.7	155.2
Male	11.9	.	.	.	.2	.5	1.5	4.2	18.8	59.5	131.5	224.1
Female	7.7	.	.	.	.1	.4	.8	2.7	6.9	22.8	56.2	128.5
White	10.5	.	.	.	.2	.4	1.0	2.7	12.4	40.1	86.3	159.0
Male	13.0	.	.	.	.2	.5	1.3	3.8	19.0	61.6	136.3	236.7
Female	8.2	.	.	.	.	.3	.7	1.7	6.4	22.8	55.0	129.4
All other	5.9	.	.	.	.	.6	2.3	5.7	13.2	30.4	69.1	118.1
Male	6.2	.	.	.	.	.6	2.7	7.4	16.9	40.7	86.8	116.9
Female	5.6	.	.	.	.	.8	1.8	4.3	10.2	22.6	58.1	118.8
Black	6.7	.	.	.	.	.7	2.9	6.7	15.3	33.3	74.8	125.4
Male	6.9	.	.	.	.	.7	3.4	8.7	19.5	44.2	90.3	118.1
Female	6.5	.	.	.	.	1.0	2.4	5.1	11.8	25.1	65.5	127.9
Acute bronchitis and bronchiolitis (466) .....	.3	1.9	0.1	.	.	.	.	.1	.2	.5	1.8	6.0
Male .....	.2	2.4	.	.	.	.	.	.	.2	.6	2.2	6.4
Female .....	.3	1.3	.	.	.	.	.	.	.	.5	1.5	5.9
White .....	.3	1.2	.	.	.	.	.	.	.2	.6	1.9	6.3
Male .....	.2	1.5	.	.	.	.	.	.	.	.6	2.3	7.0
Female .....	.3	.	.	.	.	.	.	.	.	.5	1.6	6.1
All other .....	.2	4.6	.	.	.	.	.	.	.	.	.	.
Male .....	.2	6.0	.	.	.	.	.	.	.	.	.	.
Female .....	.2	.	.	.	.	.	.	.	.	.	.	.
Black .....	.3	4.8	.	.	.	.	.	.	.	.	.	.
Male .....	.3	.	.	.	.	.	.	.	.	.	.	.
Female .....	.2	.	.	.	.	.	.	.	.	.	.	.
Pneumonia and influenza (480-487)	30.8	16.1	1.5	0.3	.7	2.0	3.9	6.9	18.0	57.3	248.1	1,083.3
Male	29.5	19.0	1.6	.4	.8	2.4	5.2	9.0	24.1	78.6	327.3	1,356.8
Female	32.1	13.1	1.5	.3	.7	1.6	2.6	4.8	12.5	40.2	196.7	977.3
White	32.5	12.5	1.2	.3	.6	1.4	2.7	5.4	16.1	54.8	246.2	1,116.1
Male	30.2	15.2	1.1	.3	.7	1.8	3.5	6.7	21.2	74.2	326.4	1,401.8
Female	34.6	9.7	1.2	.3	.6	1.1	1.9	4.1	11.5	39.2	197.7	1,007.4
All other	22.1	30.7	3.1	.4	1.3	4.9	11.0	16.0	30.9	77.8	245.0	761.6
Male	25.6	34.5	3.3	.	1.4	5.7	16.0	24.6	45.3	115.7	335.8	971.9
Female	18.9	26.8	2.9	.	1.2	4.2	6.7	8.8	19.2	48.9	188.5	664.1
Black	24.7	33.9	3.3	.5	1.5	6.2	13.9	19.2	35.1	86.2	258.4	744.9
Male	28.7	38.5	3.5	.	1.6	7.3	20.5	30.2	52.3	130.0	351.8	923.6
Female	21.2	29.2	3.1	.	1.4	5.2	8.4	10.3	20.9	53.4	202.4	662.4
Pneumonia (480-486)	30.2	15.8	1.5	.3	.7	2.0	3.8	6.7	17.6	56.4	241.7	1,057.3
Male	29.1	18.7	1.5	.3	.8	2.4	5.1	8.9	23.8	77.5	322.7	1,333.3
Female	31.3	12.8	1.4	.3	.6	1.6	2.5	4.7	12.1	39.4	192.4	950.3
White	31.7	12.2	1.1	.3	.6	1.4	2.6	5.3	15.7	53.9	241.5	1,088.6
Male	29.7	14.8	1.1	.3	.6	1.8	3.4	6.6	20.9	73.1	321.5	1,376.9
Female	33.7	9.4	1.1	.3	.5	1.0	1.8	4.0	11.1	38.3	193.1	978.9
All other	21.9	30.4	3.1	.4	1.3	4.9	10.9	15.8	30.8	76.9	243.3	750.5
Male	25.4	34.3	3.2	.	1.4	5.7	16.0	24.4	45.0	114.5	334.1	960.7
Female	18.7	26.5	2.9	.	1.2	4.2	6.6	8.7	19.1	48.4	186.7	653.1
Black	24.5	33.6	3.3	.4	1.5	6.1	13.9	19.0	35.0	85.5	256.7	735.2
Male	28.5	38.2	3.4	.	1.6	7.3	20.5	29.9	52.1	128.7	350.7	915.3
Female	21.0	28.9	3.1	.	1.4	5.1	8.3	10.2	20.8	53.2	200.4	652.1
Influenza (487) .....	.6	.	.	.	.	.	.1	.1	.3	.9	4.4	26.0
Male .....	.5	.	.	.	.	.	.	.	.3	1.1	4.6	23.5
Female .....	.8	.	.	.	.	.	.	.	.3	.8	4.3	27.0
White .....	.7	.	.	.	.	.	.1	.1	.4	1.0	4.7	27.5
Male .....	.5	.	.	.	.	.	.	.	.4	1.1	4.9	25.0
Female .....	.9	.	.	.	.	.	.	.	.4	.9	4.6	28.5
All other .....	.2	.	.	.	.	.	.	.	.	.	.	11.0
Male .....	.2	.	.	.	.	.	.	.	.	.	.	.
Female .....	.2	.	.	.	.	.	.	.	.	.	.	10.9
Black .....	.2	.	.	.	.	.	.	.	.	.	.	9.7
Male .....	.2	.	.	.	.	.	.	.	.	.	.	.
Female .....	.2	.	.	.	.	.	.	.	.	.	.	.
Chronic obstructive pulmonary diseases and allied conditions (490-496)	34.0	1.2	.4	.3	.5	.7	1.7	9.2	49.8	148.9	313.8	403.5
Male	39.8	1.7	.4	.4	.5	.8	1.9	9.4	58.8	194.7	486.5	774.6
Female	28.4	.	.3	.3	.4	.7	1.6	8.9	41.7	112.1	208.7	259.5
White	37.3	1.0	.3	.2	.4	.5	1.3	8.7	51.0	154.5	326.6	421.6
Male	43.1	1.5	.	.3	.4	.5	1.3	8.6	59.5	199.0	502.1	813.0
Female	31.7	.	.	.2	.4	.5	1.3	8.7	43.2	118.5	220.2	272.7
All other	16.5	.	.	.7	.9	1.8	4.4	12.4	41.5	102.1	191.0	225.3
Male	22.0	.	.	.9	1.2	2.2	5.5	15.0	53.6	157.3	340.6	446.1
Female	11.4	.	.	.7	.7	1.5	3.4	10.2	31.5	60.1	97.5	122.9
Black	18.5	.	.	.8	1.1	2.2	5.4	14.8	47.0	112.5	203.4	219.5
Male	24.7	.	.	1.0	1.4	2.7	6.7	17.9	60.2	173.7	369.4	441.7
Female	12.9	.	.	.8	.8	1.7	4.2	12.4	36.0	66.6	103.9	121.2
Bronchitis, chronic and unspecified (490-491)	1.5	.8	.2	.	.	.	.1	.4	1.8	5.4	13.1	29.1
Male	1.6	1.1	.	.	.	.	.1	.4	2.1	6.8	19.3	41.6
Female	1.4	.	.	.	.	.	.	.4	1.6	4.2	9.3	24.2
White	1.7	.7	.2	.	.	.	.1	.4	1.9	5.7	13.8	30.7
Male	1.8	.	.	.	.	.	.	.4	2.2	7.1	20.3	44.4
Female	1.6	.	.	.	.	.	.	.4	1.7	4.5	9.9	25.5
All other .....	.6	.	.	.	.	.	.	.	1.3	3.1	6.4	13.2
Male7	4.6	10.4	.
Female5	2.0	3.9	10.9
Black7	1.4	3.7	6.7	12.3
Male8	5.6	10.1	.
Female6	2.2	4.7	.

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Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1989—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	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
Chronic obstructive pulmonary diseases and allied conditions-Con.												
Emphysema (492)	6.2	*	*	*	*	*	0.2	1.6	10.7	30.8	58.2	52.1
Male	7.7	*	*	*	*	*	.2	1.9	12.9	41.6	91.0	113.9
Female	4.9	*	*	*	*	*	.1	1.3	8.8	22.1	35.0	28.2
White	7.0	*	*	*	*	*	.2	1.7	11.4	32.5	59.3	54.4
Male	8.5	*	*	*	*	*	.2	1.9	13.5	43.3	95.3	118.8
Female	5.6	*	*	*	*	*	*	1.4	9.6	23.8	37.5	29.9
All other	2.2	*	*	*	*	*	*	1.3	6.0	16.3	28.2	29.9
Male	3.4	*	*	*	*	*	*	2.0	8.5	27.3	50.7	71.9
Female	1.2	*	*	*	*	*	*	*	4.0	7.9	11.0	10.4
Black	2.5	*	*	*	*	*	*	1.6	6.7	17.6	28.0	29.7
Male	3.8	*	*	*	*	*	*	2.7	9.1	29.9	55.8	72.2
Female	1.4	*	*	*	*	*	*	*	4.7	8.4	11.4	*
Asthma (493)	2.0	*	0.2	0.3	0.4	0.6	.9	1.9	3.4	6.6	11.2	15.5
Male	1.5	*	*	.3	.4	.6	.8	1.6	2.8	5.7	9.8	15.9
Female	2.4	*	*	.2	.4	.6	1.1	2.2	4.2	7.4	12.0	15.4
White	1.8	*	*	.2	.3	.4	.6	1.4	2.9	6.1	10.9	15.8
Male	1.3	*	*	.2	.3	.4	.5	1.1	2.2	5.1	9.4	16.0
Female	2.3	*	*	.1	.3	.4	.8	1.7	3.6	6.9	11.8	15.8
All other	2.8	*	*	.6	.8	1.5	2.7	4.8	7.0	11.2	14.1	12.8
Male	2.6	*	*	.7	1.1	1.8	2.8	4.6	5.4	11.1	14.1	14.1
Female	3.0	*	*	*	1.3	2.7	4.9	8.4	14.1	14.1	14.1	12.0
Black	3.2	*	*	.7	1.0	1.8	3.4	5.7	7.7	12.0	15.1	12.3
Male	3.0	*	*	.8	1.3	2.2	3.4	5.4	6.1	11.5	14.0	*
Female	3.4	*	*	*	*	1.5	3.4	5.9	9.1	12.3	16.7	*
Other chronic obstructive pulmonary diseases and allied conditions (494-496)												
	24.3	*	*	*	*	.1	.5	5.3	33.8	106.1	233.3	306.7
Male	29.0	*	*	*	*	.1	.7	5.6	41.3	140.5	366.4	603.2
Female	19.8	*	*	*	*	*	.4	5.0	27.0	78.4	152.4	191.7
White	26.8	*	*	*	*	.1	.4	5.2	34.7	110.2	242.6	320.6
Male	31.5	*	*	*	*	*	.5	5.2	41.7	143.6	377.1	633.6
Female	22.3	*	*	*	*	*	.3	5.1	28.4	83.3	161.1	201.5
All other	10.8	*	*	*	*	*	1.2	5.9	27.2	71.5	144.3	169.4
Male	15.3	*	*	*	*	*	2.0	7.9	38.5	114.3	265.4	341.6
Female	6.7	*	*	*	*	*	*	4.2	17.9	39.0	68.6	89.6
Black	12.1	*	*	*	*	*	1.5	7.0	31.1	79.2	153.5	165.3
Male	17.2	*	*	*	*	*	2.4	9.4	43.6	126.6	289.6	336.1
Female	7.5	*	*	*	*	*	*	5.0	20.8	43.6	72.0	89.7
Ulcer of stomach and duodenum (531-533)												
	2.6	*	*	*	*	.1	.4	1.1	2.8	7.6	22.2	59.5
Male	2.6	*	*	*	*	.1	.6	1.4	3.7	10.0	28.4	69.3
Female	2.6	*	*	*	*	*	.2	.8	2.1	5.7	18.5	55.7
White	2.7	*	*	*	*	.1	.3	.9	2.6	7.3	22.2	61.1
Male	2.6	*	*	*	*	*	.4	1.1	3.4	9.5	28.4	71.2
Female	2.8	*	*	*	*	*	.2	.8	1.9	5.5	18.4	57.3
All other	2.0	*	*	*	*	*	1.0	1.9	4.3	10.1	22.3	43.4
Male	2.4	*	*	*	*	*	1.6	2.9	5.8	14.2	28.2	52.8
Female	1.7	*	*	*	*	*	*	1.1	3.0	7.0	18.7	39.1
Black	2.2	*	*	*	*	*	1.1	2.4	4.4	10.8	23.7	38.1
Male	2.5	*	*	*	*	*	1.8	3.8	6.3	13.6	28.8	41.7
Female	1.9	*	*	*	*	*	*	*	2.9	8.3	20.7	36.4
Appendicitis (540-543)												
	.2	*	*	*	*	*	*	.1	.2	.6	1.1	2.4
Male	.2	*	*	*	*	*	*	.2	.3	.8	1.6	2.5
Female	.2	*	*	*	*	*	*	*	.2	.5	.9	2.4
White	.2	*	*	*	*	*	*	.1	.2	.6	1.1	2.2
Male	.2	*	*	*	*	*	*	*	*	.7	1.6	*
Female	.2	*	*	*	*	*	*	*	*	.5	.8	2.3
All other	.2	*	*	*	*	*	*	*	.7	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*	*	*
Female	.2	*	*	*	*	*	*	*	*	*	*	*
Black	.3	*	*	*	*	*	*	*	.9	*	*	*
Male	.3	*	*	*	*	*	*	*	*	*	*	*
Female	.3	*	*	*	*	*	*	*	*	*	*	*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)												
	2.2	2.2	.2	.1	*	.1	.3	.5	1.7	4.9	18.0	65.7
Male	1.7	2.8	*	*	*	.1	.2	.4	1.9	5.0	20.0	58.0
Female	2.7	1.6	*	*	*	.1	.3	.6	1.5	4.8	18.3	68.8
White	2.3	1.8	*	*	*	.1	.2	.4	1.5	4.6	18.4	68.8
Male	1.7	2.2	*	*	*	*	.2	.3	1.5	4.5	19.4	59.1
Female	2.9	1.4	*	*	*	*	.2	.5	1.5	4.7	17.9	69.7
All other	1.9	4.0	*	*	*	.3	.6	1.0	2.9	7.5	24.1	55.5
Male	1.8	5.5	*	*	*	*	*	*	4.1	9.3	28.2	48.3
Female	2.0	*	*	*	*	*	*	1.1	1.9	6.1	22.8	58.9
Black	2.2	4.4	*	*	*	.4	.8	1.2	3.4	8.9	28.2	59.3
Male	2.2	6.4	*	*	*	*	*	*	4.8	11.2	31.7	54.2
Female	2.3	*	*	*	*	*	*	*	2.2	7.2	26.1	61.2
Chronic liver disease and cirrhosis (571)												
	10.8	*	*	*	.2	2.2	9.9	19.0	31.3	35.7	34.2	23.1
Male	14.3	*	*	*	.2	3.1	15.1	27.9	44.3	48.6	48.9	35.5
Female	7.4	*	*	*	.2	1.4	4.8	10.5	19.6	25.3	28.5	18.3
White	10.6	*	*	*	.1	1.8	8.1	17.1	30.2	35.9	35.3	23.9
Male	14.1	*	*	*	*	2.5	12.7	25.2	42.9	48.8	48.3	38.4
Female	7.3	*	*	*	*	1.0	3.6	9.2	18.7	25.4	27.5	19.2
All other	11.4	*	*	*	.3	4.6	20.0	30.7	38.9	34.2	23.8	15.3
Male	15.4	*	*	*	*	6.1	30.3	45.8	54.5	48.8	34.1	28.1
Female	7.7	*	*	*	*	3.3	11.2	18.1	26.1	24.7	17.1	*
Black	12.6	*	*	*	*	5.0	23.5	34.9	42.6	38.2	23.0	13.1
Male	17.3	*	*	*	*	6.7	36.3	54.0	59.9	50.3	33.5	*
Female	8.3	*	*	*	*	3.4	12.7	19.5	28.3	25.6	18.8	*

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Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1989—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	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
Symptoms, signs, and ill-defined conditions (780-799)	10.9	168.0	1.9	0.5	2.0	4.5	6.1	6.1	9.3	17.0	39.9	143.6
Male	12.6	199.3	2.0	.6	2.7	6.3	8.9	8.5	12.2	23.3	50.8	156.2
Female	9.3	135.2	1.8	.5	1.3	2.7	3.3	3.7	6.6	11.9	33.3	138.7
White	9.9	136.7	1.5	.4	1.7	3.6	4.8	5.2	8.3	16.0	38.2	142.2
Male	11.1	165.4	1.6	.4	2.4	5.1	6.9	7.1	10.7	22.2	48.1	152.8
Female	8.7	106.3	1.3	.4	1.1	2.1	2.7	3.3	6.1	11.1	32.2	138.2
All other	16.3	294.6	3.8	1.0	3.2	8.9	13.6	11.8	16.2	24.8	56.6	157.3
Male	20.5	397.5	4.0	1.2	3.9	12.7	21.6	18.4	23.5	33.0	75.8	185.4
Female	12.4	250.4	3.7	.7	2.5	5.5	6.8	6.4	10.2	18.6	44.7	144.3
Black	19.0	325.8	4.3	1.1	3.5	10.5	17.2	14.4	19.4	29.4	67.3	177.1
Male	24.0	369.4	4.5	1.2	4.5	15.0	27.7	22.8	27.8	39.8	91.0	215.3
Female	14.5	281.0	4.1	.9	2.6	6.6	8.3	7.5	12.4	21.6	53.0	159.4
All other diseases (Residual)	69.1	41.1	6.0	3.0	5.3	9.5	19.0	34.0	73.8	177.3	527.8	1,534.7
Male	65.5	46.0	6.7	3.2	6.2	11.7	24.7	42.6	90.6	215.1	628.9	1,658.9
Female	72.4	36.0	5.4	2.9	4.3	7.3	13.4	28.0	58.8	147.1	468.4	1,486.5
White	70.4	34.2	5.6	2.9	4.9	7.6	14.6	27.9	67.2	171.0	525.0	1,551.2
Male	65.5	39.4	6.1	3.2	6.0	9.8	19.1	34.3	82.5	207.0	626.5	1,683.3
Female	75.1	28.7	5.2	2.7	3.7	5.4	10.1	21.6	53.3	141.9	463.6	1,501.0
All other	62.3	69.1	7.6	3.4	7.0	19.3	44.6	72.5	119.8	229.7	555.0	1,372.6
Male	66.0	73.0	9.0	3.1	7.1	22.0	60.3	98.1	149.7	283.9	651.5	1,450.6
Female	58.9	64.9	6.1	3.6	6.9	16.7	31.3	51.1	95.3	188.6	495.4	1,336.5
Black	72.8	77.5	8.1	3.8	7.9	22.8	55.9	86.9	138.4	263.0	628.6	1,466.9
Male	77.0	80.6	9.4	3.6	7.7	26.3	75.9	120.3	171.9	324.1	737.1	1,568.1
Female	69.1	74.4	6.6	4.0	8.0	19.7	39.1	59.9	110.6	217.2	563.6	1,413.9
Accidents and adverse effects (E800-E949)	38.3	25.2	18.7	11.6	45.8	37.8	32.5	30.1	35.0	48.5	105.1	255.2
Male	52.8	26.8	22.1	15.1	68.5	58.6	50.1	45.5	51.9	65.7	141.3	351.8
Female	24.5	23.6	15.2	8.0	22.7	17.0	15.3	15.5	19.8	34.8	83.1	217.8
White	37.9	19.4	17.1	11.0	48.1	37.1	30.2	27.8	32.8	46.6	103.9	257.0
Male	51.5	20.6	20.2	14.2	71.1	57.3	46.1	41.1	47.9	62.5	138.4	354.8
Female	24.8	18.2	13.8	7.6	24.4	16.5	14.3	14.9	19.1	33.7	85.1	219.8
All other	40.5	48.8	25.5	14.4	35.9	41.5	46.0	44.4	50.0	64.4	155.9	327.4
Male	59.8	52.4	30.1	18.9	57.0	65.8	75.3	75.2	81.2	93.4	168.5	324.7
Female	22.7	45.2	20.7	9.6	15.0	19.3	20.9	18.7	24.4	41.7	83.2	196.9
Black	43.7	54.1	26.9	15.5	34.9	44.5	52.3	49.6	55.4	71.0	125.3	250.4
Male	65.3	57.0	32.4	20.7	55.5	71.2	88.2	86.9	90.1	104.6	187.1	347.2
Female	24.2	51.1	21.2	10.2	13.8	20.5	22.2	19.4	26.7	45.7	99.9	206.7
Motor vehicle accidents (E810-E825)	19.2	5.5	6.8	6.4	35.4	23.4	17.3	15.6	15.8	19.1	29.8	28.8
Male	27.0	5.6	7.2	7.9	51.1	34.9	25.0	22.1	22.1	24.0	43.1	60.6
Female	11.7	5.3	6.3	4.9	19.5	11.9	9.7	9.4	10.1	15.1	21.7	16.5
White	19.4	4.8	6.4	6.5	38.0	23.4	16.5	15.0	15.3	19.0	30.2	28.7
Male	27.0	4.9	6.8	7.8	54.2	34.7	23.6	20.7	21.0	23.5	43.1	62.0
Female	12.1	4.7	6.0	5.0	21.4	11.9	9.5	9.4	10.1	15.9	22.4	17.4
All other	18.0	8.1	8.2	6.4	24.2	23.5	21.5	19.3	19.3	19.5	25.6	20.6
Male	27.1	8.6	8.8	8.1	37.1	36.1	33.9	31.8	30.4	28.3	42.8	48.3
Female	9.8	7.5	7.6	4.6	11.3	11.9	10.9	8.9	10.2	12.9	14.8	*
Black	18.3	7.8	7.6	6.6	23.2	24.2	22.9	20.6	19.8	20.0	24.9	19.1
Male	28.3	7.6	8.8	8.7	36.6	37.9	37.8	35.8	32.0	30.0	43.9	48.6
Female	9.3	7.9	6.3	4.6	10.1	11.9	10.4	8.4	9.6	12.5	13.6	*
All other accidents and adverse effects (E900-E907, E920-E949)	19.1	19.6	11.9	5.2	10.4	14.4	15.2	14.5	19.2	29.4	75.3	226.4
Male	25.8	21.2	14.9	7.2	17.4	23.7	25.1	23.4	29.8	41.7	98.2	291.2
Female	12.8	18.3	8.9	3.1	3.2	5.0	5.6	6.1	9.7	19.5	61.4	201.3
White	18.5	14.6	10.6	4.5	10.1	13.7	13.6	12.8	17.5	27.6	73.7	227.4
Male	24.5	15.7	13.3	6.3	16.9	22.6	22.5	20.4	26.9	39.0	95.2	292.9
Female	12.7	13.4	7.8	2.6	3.1	4.6	4.8	5.5	9.0	18.4	60.7	202.5
All other	22.4	40.8	17.3	8.0	11.8	18.0	24.5	25.1	30.7	44.4	90.3	216.7
Male	32.7	43.8	21.3	10.8	19.9	29.7	41.5	43.3	50.7	65.1	125.6	276.4
Female	13.0	37.7	13.1	5.1	3.7	7.3	10.0	9.8	14.3	28.7	58.4	189.1
Black	25.4	46.4	19.3	8.9	11.7	20.3	29.4	29.0	35.7	50.9	101.3	231.4
Male	37.0	49.4	23.5	12.1	19.9	33.4	50.4	51.1	58.1	74.6	143.2	298.6
Female	15.0	43.3	15.0	5.6	3.7	8.6	11.8	11.0	17.1	33.2	76.3	200.6
Suicide (E950-E959)	12.2	...	...	.7	19.3	15.0	14.6	14.6	15.5	18.0	23.1	22.8
Male	19.8	...	...	1.0	22.2	24.3	22.8	22.4	24.6	33.0	51.3	68.7
Female	4.8	...	...	.3	4.2	5.6	6.6	7.3	7.3	5.9	6.0	5.8
White	13.1	...	...	.7	13.9	15.5	15.5	15.9	16.8	19.2	24.8	24.3
Male	21.4	...	...	1.0	23.2	24.9	23.8	24.2	26.6	35.1	55.3	71.9
Female	5.2	...	...	.3	4.4	5.9	7.1	8.0	7.9	6.4	6.3	6.2
All other	7.1	...	...	.6	10.7	12.1	9.6	6.5	6.4	8.2	7.7	8.5
Male	12.0	...	...	.9	17.9	21.0	16.1	10.4	10.3	15.6	14.4	22.5
Female	2.7	...	...	*	3.5	4.0	4.2	3.3	3.3	2.5	3.5	*
Black	7.0	...	...	.6	9.7	12.4	10.3	6.6	6.0	7.8	6.6	*
Male	12.2	...	...	.9	16.7	22.0	18.1	10.9	10.4	15.4	14.7	*
Female	2.4	...	...	*	2.8	3.7	3.9	3.0	2.5	*	*	*
Homicide and legal intervention (E960-E978)	9.2	8.5	2.7	1.5	16.9	16.3	11.0	7.6	5.0	4.1	4.2	4.3
Male	14.6	8.2	2.8	1.7	27.7	25.7	17.5	12.2	8.0	5.8	5.8	7.6
Female	4.1	9.8	2.5	1.2	5.9	6.8	4.7	3.2	2.4	2.7	3.2	3.0
White	5.4	5.6	1.7	.9	8.4	9.0	6.9	5.5	3.5	2.9	3.1	2.9
Male	8.2	5.6	1.9	1.0	12.8	13.7	10.5	8.5	5.6	3.9	3.9	5.1
Female	2.6	5.6	1.5	.9	3.9	4.2	3.3	2.5	1.7	2.1	2.7	2.0
All other	29.5	20.1	6.5	3.5	54.3	53.5	35.1	20.6	15.3	13.9	14.4	18.1
Male	49.8	18.6	6.7	4.4	93.8	90.9	61.9	36.9	25.5	22.7	23.7	29.2
Female	11.0	21.6	6.3	2.7	14.8	19.5	12.3	7.0	7.0	7.2	8.7	13.0
Black	35.8	22.9	7.6	3.9	65.5	65.4	43.9	25.2	18.1	16.0	16.8	21.2
Male	61.1	22.0	7.9	4.9	114.8	112.6	78.6	46.2	30.2	26.3	28.4	34.7
Female	12.9	23.9	7.3	2.9	17.3	23.2	14.7	8.4	8.1	8.2	9.9	15.2

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Table 1-10. Death Rates for 72 Selected Causes, by 10-Year Age Groups, Race, and Sex: United States, 1989—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)	1.1	1.3	0.4	0.1	0.9	1.7	1.8	1.1	0.9	0.8	1.0	1.2
Male	1.6	1.5	.4	.2	1.5	2.6	2.7	1.6	1.3	1.1	1.5	2.7
Female .....	.6	1.1	.3	*	.3	.8	.9	.7	.5	.6	.7	*
White .....	.9	.8	.3	.1	.9	1.5	1.5	.9	.8	.8	.9	1.3
Male	1.4	*	.4	.2	1.4	2.2	2.2	1.3	1.1	1.0	1.5	3.0
Female .....	.5	*	*	*	.3	.7	.8	.6	.6	.6	.5	*
All other	1.9	3.3	*	*	1.2	3.1	3.9	2.2	1.5	1.2	*	*
Male	2.9	*	*	*	2.0	4.7	6.4	3.6	2.8	*	*	*
Female .....	.9	*	*	*	*	1.6	1.7	1.1	*	*	*	*
Black	2.2	3.9	*	*	1.2	3.7	4.9	2.8	1.6	1.3	*	*
Male	3.4	*	*	*	2.1	5.7	8.1	4.5	2.9	*	*	*
Female	1.1	*	*	*	*	2.0	2.2	*	*	*	*	*

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.

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Table 1-11. Death Rates by Place of Occurrence: United States and Each Geographic Division, 1900-1989

[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
1989	8.7	8.9	9.7	8.7	9.1	9.1	9.5	8.1	7.2	7.5
1988	8.8	9.3	9.9	8.9	9.3	9.2	9.6	8.0	7.2	7.7
1987	8.7	9.3	9.9	8.8	9.2	9.1	9.4	7.8	7.1	7.6
1986	8.7	9.3	9.9	8.9	9.2	9.1	9.4	7.8	7.1	7.6
1985	8.8	9.4	9.8	8.8	9.3	9.1	9.4	7.9	7.0	7.7
1984	8.6	9.3	9.7	8.6	9.1	8.9	9.2	7.9	7.0	7.6
1983	9.2	9.2	9.7	8.7	9.2	8.9	9.2	7.9	6.9	7.5
1982	8.5	9.0	9.5	8.5	9.1	8.8	8.9	7.9	7.0	7.6
1981	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	8.9	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	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 Deaths based on a 50-percent sample.

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Table 1-12. Death Rates: United States, Each Division and State, 1980-89

[Rates per 1,000 population in each area]

Division and State	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
United States	8.7	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.6	8.8
Geographic divisions:										
New England	8.9	9.2	9.2	9.3	9.3	9.2	9.2	9.0	8.9	9.3
Middle Atlantic	9.7	10.0	9.9	9.9	9.9	9.7	9.7	9.6	9.6	9.9
East North Central	8.8	9.0	8.9	9.0	8.9	8.7	8.8	8.6	8.7	8.8
West North Central	9.0	9.2	9.2	9.2	9.2	9.1	9.2	9.0	9.1	9.2
South Atlantic	9.1	9.2	9.1	9.1	9.0	8.9	8.9	8.7	8.9	8.9
East South Central	9.4	9.5	9.3	9.3	9.3	9.1	9.1	8.9	9.0	9.1
West South Central	8.0	8.0	7.8	7.8	7.9	7.9	7.9	7.9	8.1	8.2
Mountain	7.1	7.1	7.0	6.9	6.9	6.9	6.8	6.8	6.9	7.0
Pacific	7.5	7.6	7.6	7.5	7.7	7.6	7.5	7.5	7.6	7.8
New England:										
Maine	9.2	9.6	9.5	9.6	9.8	9.4	9.5	9.2	9.2	9.6
New Hampshire	7.7	8.1	8.0	8.4	8.5	8.2	8.3	8.0	8.2	8.3
Vermont	8.1	8.4	8.7	8.8	8.7	8.6	8.7	8.6	8.4	9.0
Massachusetts	9.1	9.6	9.5	9.6	9.6	9.5	9.4	9.2	9.2	9.6
Rhode Island	9.6	9.8	9.8	10.0	10.0	9.8	9.7	9.4	9.6	9.8
Connecticut	8.7	8.8	8.8	8.8	8.9	8.8	8.7	8.6	8.5	8.8
Middle Atlantic:										
New York	9.6	9.8	9.7	9.8	9.7	9.6	9.6	9.5	9.6	9.8
New Jersey	9.2	9.5	9.4	9.4	9.4	9.2	9.3	9.1	9.1	9.4
Pennsylvania	10.3	10.5	10.5	10.5	10.4	10.3	10.2	10.0	10.1	10.4
East North Central:										
Ohio	9.0	9.2	9.2	9.3	9.2	9.0	9.1	8.8	8.9	9.1
Indiana	8.8	9.0	8.8	9.0	8.8	8.6	8.7	8.5	8.6	8.6
Illinois	8.9	9.1	8.8	8.9	8.9	8.8	8.9	8.8	8.9	9.0
Michigan	8.5	8.7	8.7	8.8	8.7	8.5	8.5	8.3	8.2	8.1
Wisconsin	8.7	8.9	8.8	8.8	8.7	8.6	8.6	8.5	8.6	8.7
West North Central:										
Minnesota	7.9	8.2	8.1	8.3	8.3	8.1	8.2	8.0	8.0	8.2
Iowa	9.6	9.8	9.6	9.5	9.7	9.3	9.5	9.3	9.2	9.3
Missouri	9.8	9.9	9.9	9.9	10.0	9.8	10.0	9.8	9.9	10.1
North Dakota	8.3	8.5	8.2	7.8	8.2	8.1	8.2	8.0	8.3	8.6
South Dakota	9.2	9.2	9.4	9.3	9.3	9.3	9.5	9.5	9.3	9.5
Nebraska	9.2	9.3	9.3	9.2	9.3	9.1	9.2	9.2	9.3	9.2
Kansas	8.9	9.2	8.9	9.1	9.0	9.1	9.0	9.1	9.1	9.3
South Atlantic:										
Delaware	8.7	8.7	8.7	8.9	8.8	8.3	8.3	8.5	8.5	8.5
Maryland	8.2	8.4	8.4	8.4	8.3	8.2	8.2	8.0	8.0	8.1
District of Columbia	12.7	12.4	11.9	11.7	11.2	10.8	10.9	10.7	11.0	11.1
Virginia	7.7	7.9	7.9	8.0	7.9	7.9	7.9	7.6	7.8	7.9
West Virginia	10.5	10.6	10.4	10.4	10.0	9.8	9.8	9.7	9.8	9.9
North Carolina	8.7	8.9	8.6	8.6	8.5	8.3	8.3	8.1	8.3	8.2
South Carolina	8.4	8.5	8.3	8.3	8.1	8.0	8.0	7.8	8.0	8.1
Georgia	8.1	8.1	8.1	8.1	8.1	8.0	8.0	7.8	8.1	8.1
Florida	10.5	10.6	10.6	10.6	10.7	10.4	10.5	10.4	10.8	10.7
East South Central:										
Kentucky	9.5	9.6	9.3	9.3	9.3	9.0	9.2	8.9	9.1	9.2
Tennessee	9.2	9.4	9.3	9.2	9.1	9.0	8.9	8.7	8.8	8.9
Alabama	9.5	9.5	9.2	9.3	9.3	9.2	9.0	8.9	9.0	9.1
Mississippi	9.7	9.5	9.4	9.3	9.4	9.2	9.3	9.1	9.3	9.4
West South Central:										
Arkansas	10.2	10.4	10.2	10.1	10.2	10.1	10.0	9.7	9.8	9.9
Louisiana	8.6	8.5	8.2	8.1	8.3	8.0	8.2	8.2	8.4	8.5
Oklahoma	9.2	9.3	9.0	9.1	9.0	8.9	8.9	9.1	9.2	9.3
Texas	7.3	7.3	7.1	7.1	7.2	7.3	7.3	7.3	7.5	7.6
Mountain:										
Montana	8.4	8.4	8.2	8.3	8.2	8.2	8.2	8.2	8.5	8.5
Idaho	7.4	7.7	7.4	7.4	7.1	7.3	7.3	7.1	7.2	7.2
Wyoming	6.9	6.8	6.2	6.3	6.4	6.2	6.1	6.3	6.5	6.9
Colorado	6.4	6.5	6.4	6.4	6.3	6.4	6.2	6.4	6.5	6.6
New Mexico	6.9	6.9	6.9	6.8	6.7	6.7	6.6	6.8	6.5	7.0
Arizona	7.9	7.9	8.0	7.8	7.7	7.8	7.6	7.6	7.7	7.9
Utah	5.4	5.5	5.4	5.4	5.5	5.5	5.3	5.4	5.5	5.6
Nevada	7.8	8.0	7.8	7.7	7.7	7.4	7.1	7.3	7.0	7.4
Pacific:										
Washington	7.6	7.8	7.7	7.7	7.8	7.8	7.6	7.6	7.6	7.7
Oregon	8.8	9.0	8.9	8.7	8.9	8.7	8.5	8.1	8.2	8.3
California	7.5	7.6	7.6	7.5	7.7	7.6	7.5	7.6	7.6	7.9
Alaska	4.0	3.9	3.9	3.9	4.0	3.8	3.9	4.0	4.1	4.3
Hawaii	5.8	5.5	5.7	5.5	5.5	5.4	5.4	5.2	5.1	5.2

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Table 1-13. Deaths and Death Rates by Age: United States, Each Division and State, 1989

[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	2,150,466	46,947	24,484	162,361	378,324	1,537,788	562	866.3	250.4	46.2	163.9	813.8	4,963.0
Geographic divisions:													
New England:													
Maine	11,185	153	117	587	1,736	8,592	-	915.3	182.1	45.2	121.3	754.8	5,239.0
New Hampshire	8,472	173	90	506	1,400	6,303	-	765.3	203.5	38.8	109.3	689.7	5,029.4
Vermont	4,586	72	46	290	744	3,434	-	808.8	180.0	38.3	120.8	744.0	5,050.0
Massachusetts	53,922	810	374	3,206	8,566	40,962	4	911.9	196.1	33.8	131.3	750.1	5,038.4
Rhode Island	9,557	169	66	490	1,482	7,349	1	957.6	244.9	34.2	123.4	775.9	4,999.3
Connecticut	28,243	494	258	1,928	4,681	20,878	4	872.0	217.6	41.1	151.3	697.6	4,745.0
Middle Atlantic:													
New York	171,679	3,561	1,438	16,220	30,726	119,701	33	956.4	272.7	40.1	231.3	828.9	5,115.4
New Jersey	71,455	1,327	514	5,457	12,820	51,312	25	923.7	242.2	33.9	181.4	780.3	5,020.7
Pennsylvania	123,711	1,970	986	6,639	20,439	93,680	17	1,027.5	245.9	41.1	144.7	840.1	5,146.2
East North Central:													
Ohio	98,375	1,904	945	5,686	17,481	72,349	10	901.9	243.5	39.7	134.3	826.5	5,175.2
Indiana	49,094	997	561	2,938	8,431	38,166	1	877.8	253.0	45.0	133.0	803.7	5,218.8
Illinois	103,366	2,606	1,134	7,335	18,367	73,917	7	886.7	301.6	45.9	157.5	824.0	5,140.3
Michigan	78,861	1,893	1,004	5,882	14,577	55,500	5	850.4	276.8	48.7	158.6	848.5	5,050.0
Wisconsin	42,355	776	439	2,096	6,125	32,919	-	870.2	218.0	41.9	108.8	692.1	5,056.7
West North Central:													
Minnesota	34,307	579	388	1,714	4,746	26,877	3	788.1	176.0	41.6	97.2	608.5	4,886.7
Iowa	27,195	396	274	1,136	3,705	21,683	1	957.6	210.6	45.2	103.3	716.6	5,054.3
Missouri	50,426	931	572	2,969	8,104	37,838	12	977.4	251.6	52.3	149.8	812.8	5,269.9
North Dakota	5,510	96	52	249	747	4,366	-	834.8	192.0	34.7	95.4	691.7	4,797.8
South Dakota	6,549	129	83	324	854	5,159	-	915.9	234.5	51.2	121.3	672.4	5,008.7
Nebraska	14,800	235	144	659	2,083	11,679	-	918.7	197.5	40.6	105.6	720.8	5,237.2
Kansas	22,287	418	239	1,135	3,305	17,187	3	886.9	218.8	43.9	115.7	728.0	4,996.2
South Atlantic:													
Delaware	5,843	154	43	431	1,124	4,088	3	868.2	308.0	30.9	159.0	845.1	5,174.7
Maryland	38,353	949	448	3,485	7,570	25,871	30	817.1	265.1	47.4	178.6	814.0	5,072.7
District of Columbia	7,649	295	112	1,240	1,604	4,334	64	1,266.4	614.6	103.7	482.5	1,394.8	5,778.7
Virginia	47,172	1,123	533	3,714	9,350	32,438	14	773.6	252.9	43.1	143.6	796.4	4,944.8
West Virginia	19,558	257	227	1,075	3,592	14,405	2	1,053.2	233.6	54.8	150.1	1,038.2	5,296.0
North Carolina	57,477	1,353	718	4,505	11,551	39,345	5	874.7	291.6	51.4	170.3	911.7	4,924.3
South Carolina	29,618	879	407	2,633	6,391	19,303	5	843.3	331.7	50.4	185.0	1,020.9	4,936.8
Georgia	52,258	1,583	789	5,197	10,901	33,787	1	812.0	309.8	52.6	189.3	934.9	5,174.1
Florida	132,765	2,309	1,191	9,236	21,185	98,786	48	1,047.8	260.3	51.1	205.0	793.8	4,340.3
East South Central:													
Kentucky	35,398	594	412	2,212	6,648	25,532	-	949.8	237.6	49.1	149.5	970.5	5,409.3
Tennessee	45,452	913	523	3,208	8,512	32,289	7	920.1	268.5	48.7	164.1	898.8	5,174.5
Alabama	39,006	880	481	2,954	7,344	27,347	-	947.2	296.3	50.9	185.2	968.9	5,238.9
Mississippi	25,386	589	409	1,931	4,841	17,614	2	968.6	280.1	62.3	196.8	1,064.0	5,386.5
West South Central:													
Arkansas	24,647	451	350	1,472	4,121	18,252	1	1,024.4	260.7	63.4	168.2	915.8	5,141.4
Louisiana	37,665	1,014	564	3,444	7,730	24,906	7	859.5	280.1	53.7	195.6	1,067.7	5,103.7
Oklahoma	29,816	512	385	1,796	5,020	22,091	12	924.8	219.7	53.3	141.5	879.2	5,161.4
Texas	124,878	3,429	1,965	11,670	23,368	84,403	43	735.0	231.8	48.9	168.0	824.8	4,927.2
Mountain:													
Montana	6,755	156	95	414	1,060	5,030	-	838.1	260.0	51.9	130.2	757.1	4,745.3
Idaho	7,468	193	124	471	1,139	5,541	-	736.5	244.3	48.1	118.9	716.4	4,617.5
Wyoming	3,254	87	52	247	564	2,304	-	685.1	241.7	45.6	112.8	940.0	5,008.7
Colorado	21,144	539	299	1,856	3,558	14,892	-	637.4	205.7	42.5	125.9	643.4	4,610.5
New Mexico	10,572	301	201	1,168	1,878	7,011	13	691.9	224.6	54.6	184.3	708.7	4,381.9
Arizona	28,212	770	419	2,320	4,936	19,747	20	793.4	248.4	53.8	169.2	783.5	4,246.7
Utah	9,239	364	205	686	1,446	6,538	-	541.2	208.0	39.7	105.4	663.3	4,447.6
Nevada	8,649	198	125	864	1,997	5,459	6	778.5	230.2	56.8	182.7	955.5	4,511.6
Pacific:													
Washington	36,163	806	424	2,523	5,765	26,636	9	759.6	225.8	42.3	124.2	718.8	4,689.4
Oregon	24,918	436	280	1,576	3,668	18,958	-	883.6	224.7	47.9	133.6	780.4	4,836.2
California	216,619	5,795	2,801	21,568	38,567	147,745	143	745.3	232.9	46.2	177.1	733.4	4,809.4
Alaska	2,095	136	95	452	507	905	-	397.5	247.3	74.2	187.6	618.3	4,309.5
Hawaii	6,502	193	83	567	1,258	4,400	1	584.7	216.9	35.3	122.7	604.8	3,697.5

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

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989

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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
All causes	866.3	888.9	972.4	879.6	902.3	906.1	942.8	803.6	705.1	747.8
Shigellosis and amebiasis (004,006)	0.0	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009) .....	.1	*	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1
Tuberculosis (010-018) .....	.8	0.4	1.2	.6	.3	.9	1.1	.9	0.5	.7
Tuberculosis of respiratory system (010-012) .....	.6	.3	.9	.5	.2	.7	.9	.7	.4	.5
Other tuberculosis (013-018) .....	.2	*	.3	.1	*	.2	.2	.2	*	.2
Whooping cough (033)	*	*	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (036) .....	.1	*	.1	.1	*	.1	*	.1	*	.2
Septicemia (038)	7.8	9.7	12.7	7.3	5.7	8.6	7.8	9.0	5.1	3.1
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*	*
Measles (055) .....	.0	*	*	*	*	*	*	*	*	*
Viral hepatitis (070) .....	.6	.6	.5	.4	*	.7	.7	.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)	11.8	8.6	21.8	6.5	5.4	13.1	5.9	10.2	7.2	15.3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	199.9	224.5	226.1	204.9	207.0	212.2	209.6	178.2	158.0	169.1
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.3	3.9	3.7	3.1	2.8	4.1	3.1	2.7	2.2	3.0
Malignant neoplasms of digestive organs and peritoneum (150-159)	48.2	57.2	58.7	49.5	50.1	49.3	47.2	40.9	37.6	40.5
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	57.3	59.9	60.2	57.9	55.8	65.3	67.2	54.4	41.3	48.4
Malignant neoplasm of breast (174-175)	17.4	20.2	21.7	18.6	18.5	17.3	15.8	19.8	13.7	14.8
Malignant neoplasms of genital organs (179-187)	22.1	23.8	24.6	22.5	24.7	23.9	22.6	18.8	18.7	18.8
Malignant neoplasms of urinary organs (188-189)	8.2	10.2	9.6	8.5	9.1	8.3	7.4	6.9	6.9	6.7
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	24.6	29.4	26.7	24.8	24.3	24.9	27.6	23.9	21.8	20.7
Leukemia (204-208)	7.4	7.1	7.7	8.0	8.5	7.5	7.3	6.8	6.3	6.4
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	11.5	12.8	13.1	12.0	13.1	11.6	11.3	10.0	9.6	9.8
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2.7	3.4	3.4	2.6	2.7	2.7	2.4	2.4	2.4	2.3
Diabetes mellitus (250)	18.9	20.2	21.6	21.7	18.7	19.8	19.0	19.0	16.4	12.3
Nutritional deficiencies (260-269)	1.2	1.2	1.0	1.4	2.0	1.3	1.4	1.2	1.5	.7
Anemias (280-285)	1.6	1.5	1.7	1.7	1.9	1.9	2.0	1.6	1.1	1.0
Meningitis (320-322) .....	.4	.3	.5	.4	.3	.4	.5	.5	.3	.5
Major cardiovascular diseases (390-448)	375.4	381.0	431.9	394.8	404.3	386.9	419.5	341.9	273.3	311.6
Diseases of heart (390-398,402,404-429)	295.6	300.4	355.8	312.5	310.4	303.2	328.0	266.9	212.1	237.4
Rheumatic fever and rheumatic heart disease (390-398) ..	2.5	2.8	3.2	2.5	2.6	2.4	1.8	1.3	2.9	2.5
Hypertensive heart disease (402)	8.4	6.5	9.3	8.1	6.2	10.6	9.8	8.0	6.1	7.9
Hypertensive heart and renal disease (404)	1.0	.7	.9	1.1	.9	1.3	1.1	.8	.4	.9
Ischemic heart disease (410-414)	200.6	203.7	257.2	222.4	215.9	196.8	199.3	169.3	138.4	161.4
Acute myocardial infarction (410)	99.5	96.0	122.0	110.6	108.3	99.7	124.5	94.2	65.4	67.4
Other acute and subacute forms of ischemic heart disease (411)	1.4	.5	1.1	.8	.5	2.7	.5	3.0	1.9	.4
Angina pectoris (413) .....	.4	.8	.4	.4	.4	.6	.6	.3	.4	.3
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	99.4	106.4	133.7	110.6	106.7	93.9	73.7	71.8	70.8	93.3
Other diseases of endocardium (424)	4.9	6.0	5.8	4.9	5.7	5.0	3.9	3.4	4.5	4.8
All other forms of heart disease (415-423,425-429)	78.2	80.8	79.5	73.5	79.1	87.2	112.0	84.2	59.8	59.7

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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)	3.5	3.5	3.5	3.7	3.7	4.2	3.8	3.1	2.4	3.2
Cerebrovascular diseases (430-438)	58.6	55.8	55.6	60.0	68.0	62.1	70.3	56.2	42.9	55.0
Intracerebral and other intracranial hemorrhage (431-432)	8.3	8.2	9.1	8.6	8.1	9.3	9.1	7.3	6.0	7.5
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434,0,434.9)	8.0	8.2	8.7	9.2	8.3	8.6	8.7	6.1	4.0	7.5
Cerebral embolism (434.1) .....	.3	.3	.3	.3	.4	.3	.4	.2	.2	.3
All other and late effects of cerebrovascular diseases (430,433,435-438)	42.1	40.1	37.6	41.9	51.2	44.0	52.0	42.6	32.6	39.7
Atherosclerosis (440)	7.8	8.6	6.5	8.3	10.8	7.0	7.8	8.1	7.2	7.8
Other diseases of arteries, arterioles, and capillaries (441-448)	9.8	11.6	10.5	10.4	11.4	10.4	9.7	7.6	8.7	8.3
Acute bronchitis and bronchiolitis (466) .....	.3	.3	.2	.2	.2	.3	.4	.2	.2	.3
Pneumonia and influenza (480-487)	30.8	33.3	35.1	30.3	35.3	26.5	31.1	25.6	26.7	34.1
Pneumonia (480-486)	30.2	33.0	34.8	29.7	34.1	26.2	30.5	25.1	25.9	33.1
Influenza (487) .....	.6	.4	.4	.7	1.2	.3	.6	.5	.9	1.1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	34.0	33.2	33.2	33.8	37.8	34.1	35.5	28.7	39.7	34.4
Bronchitis, chronic and unspecified (490-491)	1.5	1.6	1.3	1.6	1.7	1.5	1.8	1.2	1.4	1.6
Emphysema (492)	6.2	5.1	5.6	6.6	5.8	5.9	5.5	6.1	7.7	7.3
Asthma (493)	2.0	1.8	2.1	1.9	2.1	2.0	1.6	1.7	2.4	2.1
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	24.3	24.6	24.2	23.8	28.1	24.7	26.6	19.7	28.2	23.4
Ulcer of stomach and duodenum (531-533)	2.6	2.2	2.9	2.7	2.8	2.5	2.5	2.0	2.5	2.9
Appendicitis (540-549) .....	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.2	2.6	2.4	2.3	2.8	2.1	2.4	2.2	2.1	1.7
Chronic liver disease and cirrhosis (571)	10.8	11.5	12.1	10.2	7.5	11.5	8.8	9.0	10.3	12.6
Cholelithiasis and other disorders of gallbladder (574-575)	1.2	1.3	1.2	1.2	1.5	1.3	1.7	1.2	1.2	.9
Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.5	9.3	10.8	9.2	8.3	8.7	10.5	8.7	6.2	4.9
Acute glomerulonephritis and nephrotic syndrome (580-581) .....	.1	*	.2	.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	.5	.6	.6	.6	.7	.7	.6	.4	.6
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	7.8	8.7	10.0	8.6	7.5	7.8	9.7	8.0	5.6	4.3
Infections of kidney (590) .....	.6	.3	.4	.5	.6	.6	.9	.7	.6	.7
Hyperplasia of prostate (600) .....	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2
Complications of pregnancy, childbirth, and the puerperium (630-676) .....	.1	*	.1	.1	*	.2	.1	.2	*	.1
Pregnancy with abortive outcome (630-638) .....	.0	*	*	*	*	*	*	*	*	*
Other complications of pregnancy, childbirth, and the puerperium (640-676) .....	.1	*	.1	.1	*	.1	.1	.2	*	.1
Congenital anomalies (740-759)	5.2	4.2	4.7	5.3	5.3	5.2	5.4	5.4	5.7	5.4
Certain conditions originating in the perinatal period (760-779)	7.6	6.5	8.3	8.1	5.0	9.1	7.5	7.2	5.8	6.9
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	1.9	1.4	2.0	2.2	1.2	2.0	2.0	2.0	1.2	1.8
Other conditions originating in the perinatal period (760-765,770-779)	5.7	5.1	6.3	5.9	3.8	7.1	5.6	5.2	4.7	5.1
Symptoms, signs, and ill-defined conditions (780-799)	10.9	10.4	12.6	7.8	12.4	9.8	14.7	17.0	8.2	8.3
All other diseases (Residual)	69.1	76.2	73.6	69.9	77.0	75.1	76.7	62.4	61.5	55.1
Accidents and adverse effects (E800-E949)	38.3	29.6	31.8	34.9	39.1	42.6	50.7	41.5	41.7	37.6
Motor vehicle accidents (E810-E825)	19.2	13.8	14.2	17.4	18.7	22.4	25.2	21.4	22.5	19.2
All other accidents and adverse effects (E800-E807,E826-E949)	19.1	15.8	17.5	17.5	20.5	20.2	25.5	20.1	19.2	18.4
Suicide (E950-E959)	12.2	9.8	9.2	11.2	11.8	13.8	12.7	12.3	17.7	13.1
Homicide and legal intervention (E960-E978)	9.2	4.3	9.3	7.9	4.7	12.1	9.8	12.2	6.7	9.7
All other external causes (E980-E999)	1.1	1.4	1.1	.9	.7	1.6	.8	.8	1.5	1.0

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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	915.3	765.3	808.8	911.9	957.6	872.0	956.4	923.7	1,027.9
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	*	*	*	*	*	*	0.2	*	*
Tuberculosis (010-018)	*	*	*	0.4	*	*	1.6	1.2	0.7
Tuberculosis of respiratory system (010-012)	*	*	*	.4	*	*	1.2	.8	.6
Other tuberculosis (013-018)	*	*	*	*	*	*	.4	.3	*
Whooping cough (033)	*	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	*	*	*	*	*	*	.1	*	*
Septicemia (038)	7.0	5.1	*	10.5	10.9	11.8	11.6	13.5	13.9
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*
Measles (055)	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)	*	*	*	.6	*	.6	.6	.7	.4
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)	5.3	3.5	5.3	9.7	8.3	10.3	30.4	22.9	8.3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	230.4	195.8	192.9	230.5	245.4	220.3	212.2	232.5	242.6
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	4.0	3.8	*	4.0	3.8	3.9	3.7	3.8	3.5
Malignant neoplasms of digestive organs and peritoneum (150-159)	55.1	44.9	48.0	59.8	64.9	56.9	56.7	58.9	61.6
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	68.0	56.6	47.1	60.1	66.8	57.5	56.2	62.1	65.1
Malignant neoplasm of breast (174-175)	18.2	18.1	16.8	20.8	22.5	20.4	21.3	22.5	21.9
Malignant neoplasms of genital organs (179-187)	25.0	22.3	23.6	23.9	25.2	23.2	23.0	26.0	26.9
Malignant neoplasms of urinary organs (188-189)	11.5	8.4	9.2	10.5	11.4	9.7	8.9	10.3	10.2
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	30.6	26.0	26.1	31.1	30.1	27.3	22.6	28.8	31.5
Leukemia (204-208)	6.0	5.3	6.9	7.3	6.8	7.9	7.4	7.4	8.3
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	12.0	10.4	12.3	12.9	13.8	13.6	12.5	12.9	14.1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	5.1	2.4	*	3.7	2.2	3.1	3.0	3.8	3.9
Diabetes mellitus (250)	21.0	18.3	18.9	22.7	22.0	15.7	15.5	26.5	27.5
Nutritional deficiencies (260-269)	1.9	*	*	1.0	*	1.3	.5	1.3	1.6
Anemias (280-285)	1.8	*	*	1.6	*	1.3	1.3	2.3	2.0
Meningitis (320-322)	*	*	*	.4	*	.7	.7	.6	.3
Major cardiovascular diseases (390-448)	401.4	327.6	333.0	384.3	428.4	379.3	430.9	387.9	461.6
Diseases of heart (390-398,402,404-429)	312.1	254.6	260.1	301.6	342.4	303.5	361.1	314.3	374.5
Rheumatic fever and rheumatic heart disease (390-398) ..	3.2	*	*	2.9	3.4	2.6	2.7	3.7	3.6
Hypertensive heart disease (402)	5.7	4.2	8.8	6.6	6.0	7.0	10.1	9.2	8.2
Hypertensive heart and renal disease (404)	*	*	*	.7	*	.7	.8	1.2	.9
Ischemic heart disease (410-414)	214.9	172.3	164.7	208.0	253.2	193.9	275.8	226.5	249.3
Acute myocardial infarction (410)	107.4	92.9	88.7	101.2	115.9	78.5	117.0	108.5	136.1
Other acute and subacute forms of ischemic heart disease (411)	*	*	*	*	*	*	1.4	.9	.9
Angina pectoris (413)	*	*	*	.6	*	1.0	.3	.4	.5
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	104.9	78.3	73.7	106.0	136.1	114.0	157.1	116.7	109.7
Other diseases of endocardium (424)	5.0	6.7	7.4	6.2	5.5	5.7	4.7	5.9	7.3
All other forms of heart disease (415-423,425-429)	82.5	69.6	75.8	77.3	73.5	93.5	67.2	67.9	105.2

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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)	4.3	3.2	4.6	3.4	4.1	3.2	3.7	3.1	3.4
Cerebrovascular diseases (430-438)	59.4	51.1	52.6	58.0	60.7	55.2	50.9	53.1	64.2
Intracerebral and other intracranial hemorrhage (431-432)	7.7	7.1	6.7	8.4	9.6	8.3	8.7	9.3	9.5
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	7.0	6.6	7.9	8.8	8.5	8.1	8.0	8.4	9.8
Cerebral embolism (434.1)	*	*	*	*	*	*	.3	.3	.3
All other and late effects of cerebrovascular diseases (430,433,435-438)	44.5	37.1	37.6	40.5	42.4	38.5	34.0	35.2	44.5
Atherosclerosis (440)	11.6	9.1	4.9	9.2	9.8	6.6	6.2	6.5	6.9
Other diseases of arteries, arterioles, and capillaries (441-448)	13.9	9.7	10.8	12.1	11.3	10.7	9.0	10.9	12.6
Acute bronchitis and bronchiolitis (466)	*	*	*	*	*	*	.3	*	.2
Pneumonia and influenza (480-487)	27.6	25.1	30.7	37.2	27.3	33.6	39.2	29.3	32.9
Pneumonia (480-486)	26.8	24.8	30.3	36.8	27.2	33.3	38.9	29.1	32.2
Influenza (487)	*	*	*	.4	*	*	.3	*	.7
Chronic obstructive pulmonary diseases and allied conditions (490-496)									
Chronic obstructive pulmonary diseases and allied conditions (490-496)	40.8	34.8	40.0	32.1	33.5	30.6	31.0	31.8	37.5
Bronchitis, chronic and unspecified (490-491)	2.1	*	*	1.7	*	1.4	1.2	1.4	1.4
Emphysema (492)	4.8	5.9	4.2	5.6	3.9	4.7	5.3	6.4	5.6
Asthma (493)	2.0	*	*	2.1	*	1.6	2.6	1.4	1.9
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	31.8	26.2	31.0	22.7	27.5	23.0	21.9	22.6	28.6
Ulcer of stomach and duodenum (531-533)									
Ulcer of stomach and duodenum (531-533)	3.1	*	*	2.1	3.5	1.8	3.3	2.2	2.6
Appendicitis (540-543)	*	*	*	*	*	*	.2	*	.2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,550)									
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,550)	2.9	2.5	*	2.7	3.2	1.9	2.1	2.8	2.7
Chronic liver disease and cirrhosis (571)	10.5	10.5	9.3	12.3	13.1	10.6	12.0	13.5	11.3
Cholelithiasis and other disorders of gallbladder (574-575)	1.7	*	*	1.4	*	1.0	1.0	1.6	1.4
Nephritis, nephrotic syndrome, and nephrosis (580-589)									
Nephritis, nephrotic syndrome, and nephrosis (580-589)	8.6	7.9	6.7	11.0	7.0	8.1	10.5	10.8	11.3
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	*	*	.6	.7	.6
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	7.7	7.5	6.0	10.4	6.5	7.6	9.7	9.9	10.6
Infections of kidney (590)	*	*	*	.4	*	*	.4	.4	.4
Hyperplasia of prostate (600)	*	*	*	*	*	*	.2	*	.2
Complications of pregnancy, childbirth, and the puerperium (630-676)									
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)									
Congenital anomalies (740-759)	4.6	4.3	3.5	4.0	5.6	4.2	4.8	4.7	4.7
Certain conditions originating in the perinatal period (760-779)									
Certain conditions originating in the perinatal period (760-779)	3.6	5.7	5.8	6.4	8.2	7.6	9.0	7.8	7.6
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	*	*	*	1.3	2.2	1.6	2.0	2.3	1.8
Other conditions originating in the perinatal period (760-766,770-779)	2.4	4.5	4.4	5.1	6.0	6.0	7.0	5.5	5.7
Symptoms, signs, and ill-defined conditions (780-799)	6.3	5.7	3.5	11.7	4.2	14.4	14.3	13.8	9.1
All other diseases (Residual)	75.5	60.4	82.7	82.2	83.2	67.6	66.7	70.9	85.6
Accidents and adverse effects (E800-E949)									
Accidents and adverse effects (E800-E949)	35.3	32.7	39.9	27.4	28.8	28.9	30.2	27.4	36.9
Motor vehicle accidents (E810-E825)	15.2	17.3	19.2	12.7	11.9	13.6	13.5	12.3	16.5
All other accidents and adverse effects (E800-E807,E826-E949)	20.0	15.4	20.6	14.7	16.8	15.3	16.7	15.1	20.4
Suicide (E950-E959)	13.9	11.4	16.6	8.3	10.0	9.4	8.5	6.5	12.1
Homicide and legal intervention (E960-E978)	3.6	3.0	*	3.9	5.4	6.1	12.8	5.6	6.5
All other external causes (E980-E999)	*	*	*	2.3	*	.6	1.2	.5	1.4

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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	901.9	877.8	886.7	850.4	870.2	788.1	957.6	977.4	834.8	915.9	918.7	886.9
Shigellosis and amebiasis (004,006) .....	.	.	.	.	.	.	.	.	.	.	.	.
Certain other intestinal infections (007-009) .....	.	.	0.2	.	.	.	.	.	.	.	.	.
Tuberculosis (010-018)	0.6	0.6	.8	0.5	0.6	.	.	0.4	.	.	.	.
Tuberculosis of respiratory system (010-012) .....	.4	.4	.6	.4	.6	.	.	.	.	.	.	.
Other tuberculosis (013-018) .....	.	.	.	.	.	.	.	.	.	.	.	.
Whooping cough (033) .....	.	.	.	.	.	.	.	.	.	.	.	.
Streptococcal sore throat, scarlatina, and erysipelas (034-035) .....	.	.	.	.	.	.	.	.	.	.	.	.
Meningococcal infection (036) .....	.	.	.	.	.	.	.	.	.	.	.	.
Septicemia (038)	7.1	8.4	8.7	5.6	6.0	4.2	5.1	7.4	3.8	4.3	5.0	6.7
Acute polyomyelitis (045) .....	.	.	.	.	.	.	.	.	.	.	.	.
Measles (055) .....	.	.	.	.	.	.	.	.	.	.	.	.
Viral hepatitis (070) .....	.4	.4	.4	.3	.	.	.	.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)	5.9	4.9	8.7	6.1	5.3	4.9	4.3	7.6	3.3	2.8	4.2	5.3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-203)	212.9	203.1	205.3	197.7	201.7	184.2	217.9	225.3	205.6	202.0	205.3	199.4
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.2	2.5	3.3	2.8	3.5	2.2	3.2	3.0	.	.	2.9	2.9
Malignant neoplasms of digestive organs and peritoneum (150-159)	50.7	45.5	51.1	47.5	51.8	47.5	56.9	50.0	53.2	49.4	48.5	47.4
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	62.7	62.3	56.8	55.7	48.4	43.1	58.6	68.2	43.5	48.4	53.5	55.8
Malignant neoplasm of breast (174-175)	19.4	18.3	18.6	17.8	18.3	16.5	19.8	19.5	18.0	17.5	19.3	18.5
Malignant neoplasms of genital organs (179-187)	22.6	21.6	22.3	22.4	24.2	24.1	25.8	24.4	30.8	28.0	26.3	22.0
Malignant neoplasms of urinary organs (188-189)	8.8	8.6	8.3	7.9	9.1	7.9	10.6	9.0	9.1	10.8	9.2	9.3
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	24.6	25.0	25.4	24.1	25.0	22.4	21.2	29.5	23.0	22.9	24.8	21.2
Leukemia (204-208)	8.2	7.3	7.7	8.1	8.6	8.3	8.8	8.4	10.3	8.0	7.8	9.0
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	12.6	11.9	11.7	11.4	12.9	12.3	12.9	13.4	15.5	14.4	13.2	13.4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3.2	2.4	2.8	1.9	2.4	2.8	2.6	2.8	.	3.1	2.6	2.2
Diabetes mellitus (250)	25.2	21.3	18.1	22.3	22.1	15.9	18.9	20.9	21.7	20.8	16.0	18.8
Nutritional deficiencies (260-269)	1.5	1.8	1.3	1.2	1.3	1.1	1.8	2.8	.	.	1.7	2.2
Anemias (280-285)	1.9	1.6	1.6	1.5	1.9	2.1	1.9	1.9	.	.	1.6	2.0
Meningitis (320-322) .....	.4	.4	.5	.3	.	.	.	.4	.	.	.	.
Major cardiovascular diseases (390-448)	404.8	399.4	394.0	380.8	396.0	339.0	448.3	433.8	373.9	430.1	420.5	397.4
Diseases of heart (390-398,402,404-429)	324.2	306.0	314.9	303.0	305.9	249.9	340.9	343.2	283.9	335.8	318.3	307.8
Rheumatic fever and rheumatic heart disease (390-398) ..	3.0	2.2	2.5	2.4	2.2	2.9	3.3	2.5	.	.	2.7	1.9
Hypertensive heart disease (402)	9.9	5.3	9.2	7.1	6.6	3.2	9.0	8.6	4.5	3.1	4.4	5.6
Hypertensive heart and renal disease (404)	1.2	1.1	1.1	1.0	.6	.5	1.5	1.0	.	.	.	.8
Ischemic heart disease (410-414)	229.8	216.9	219.0	216.7	231.5	178.3	226.1	246.2	200.0	234.5	211.5	209.0
Acute myocardial infarction (410)	105.2	105.7	112.1	113.4	119.6	83.1	112.6	123.4	113.2	146.0	102.7	107.8
Other acute and subacute forms of ischemic heart disease (411) .....	.9	.4	1.4	.5	.4	.6	.	.4	.	.	.	.
Angina pectoris (413) .....	.4	.4	.4	.4	.	.6	.	.	.	.	.	.
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	123.3	110.4	105.1	102.4	111.3	94.0	112.3	122.1	86.2	87.8	107.9	100.5
Other diseases of endocardium (424)	5.4	4.7	4.4	4.2	6.2	5.8	6.9	5.5	5.2	5.5	4.9	5.2
All other forms of heart disease (415-423,425-429)	74.9	75.7	78.8	71.6	58.7	59.2	94.0	79.4	70.6	90.8	94.1	85.2

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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)	3.9	3.6	4.0	2.9	3.8	4.2	3.3	4.0	*	3.6	3.8	2.9
Cerebrovascular diseases (430-438)	57.6	67.9	58.9	56.1	66.6	65.4	75.4	67.1	61.1	71.5	71.8	64.5
Intracerebral and other intracranial												
hemorrhage (431-432)	8.1	9.2	9.3	8.3	8.1	6.8	7.5	9.6	8.6	7.8	6.6	8.5
Cerebral thrombosis and unspecified occlusion of												
cerebral arteries (434.0,434.9)	8.7	8.2	9.8	10.2	7.9	6.9	9.4	9.4	8.6	5.7	8.6	8.0
Cerebral embolism (434.1) .....	.2	*	.2	.3	*	*	*	*	*	*	*	*
All other and late effects of cerebrovascular												
diseases (430,433,435-438)	40.5	50.2	39.5	37.3	50.4	51.2	58.2	47.8	43.5	57.6	56.1	47.6
Atherosclerosis (440)	7.9	11.2	7.0	9.0	7.9	8.9	16.0	11.2	14.1	8.8	14.6	10.9
Other diseases of arteries, arterioles, and												
capillaries (441-448)	11.4	10.7	9.2	9.9	11.8	10.6	12.6	11.4	12.0	10.3	12.0	11.3
Acute bronchitis and bronchiolitis (466) .....	.3	*	.3	*	*	*	*	*	*	*	*	*
Pneumonia and influenza (480-487)	28.4	27.4	33.7	28.5	33.6	30.4	41.7	35.8	29.7	31.9	39.5	35.6
Pneumonia (480-486)	27.7	26.7	33.3	27.9	32.4	29.2	39.4	35.2	27.6	30.1	38.3	34.5
Influenza (487) .....	.7	.6	.5	.6	1.2	1.2	2.3	.6	*	*	1.2	1.1
Chronic obstructive pulmonary diseases and allied												
conditions (490-496)	37.6	36.6	32.2	30.9	31.4	30.5	40.7	42.4	29.8	34.5	40.3	39.1
Bronchitis, chronic and unspecified (490-491)	1.9	1.7	1.4	1.6	1.1	1.3	2.1	1.7	*	*	2.0	2.2
Emphysema (492)	6.1	6.7	6.5	7.3	6.3	4.7	6.5	6.2	4.1	9.8	6.5	5.3
Asthma (493)	1.6	1.8	2.1	1.8	2.0	2.0	2.0	1.7	*	2.8	3.5	1.9
Other chronic obstructive pulmonary diseases and allied												
conditions (494-496)	28.0	26.4	22.2	20.1	22.0	22.5	30.1	32.9	22.0	20.0	28.2	29.8
Ulcer of stomach and duodenum (531-533)	2.6	2.4	2.9	3.1	2.2	2.3	3.6	2.7	3.2	2.9	2.8	2.8
Appendicitis (540-543)	*	*	.2	*	*	*	*	*	*	*	*	*
Hernia of abdominal cavity and intestinal obstruction												
without mention of hernia (550-553,560)	2.1	2.3	2.4	2.2	2.5	2.1	3.6	2.7	3.3	*	2.7	3.1
Chronic liver disease and cirrhosis (571)	8.8	7.5	11.5	12.6	8.5	7.1	7.3	8.1	8.8	10.8	7.0	6.6
Cholelithiasis and other disorders of gallbladder (574-575)	1.2	1.1	1.3	1.2	1.3	1.4	1.9	1.7	*	*	*	.9
Nephritis, nephrotic syndrome, and nephrosis (580-589)	9.2	10.3	10.1	8.5	7.5	6.5	5.9	10.2	8.8	7.1	11.4	8.6
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	.5	.6	.6	.5	*	1.0	.6	*	*	*	*
Renal failure, disorders resulting from impaired renal												
function, and small kidney of unknown												
cause (584-586,588-589)	8.4	9.7	9.4	7.9	6.8	6.0	4.7	9.4	8.0	6.4	10.5	7.8
Infections of kidney (590) .....	.4	.6	.6	.4	.6	*	*	.7	*	*	*	*
Hyperplasia of prostate (600) .....	.2	*	*	*	*	*	*	*	*	*	*	*
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)	5.2	5.1	5.4	5.2	5.9	4.8	5.6	5.2	6.8	6.3	4.5	5.6
Certain conditions originating in the perinatal												
period (760-779)	7.2	6.7	9.6	9.7	5.2	4.1	4.7	6.4	3.5	4.9	5.0	4.1
Birth trauma, intrauterine hypoxia, birth asphyxia, and												
respiratory distress syndrome (767-769)	1.8	1.6	2.7	2.7	1.3	1.0	.9	2.1	*	*	*	*
Other conditions originating in the perinatal												
period (760-766,770-779)	5.3	5.1	6.9	7.0	3.9	3.2	3.8	4.3	*	4.3	4.4	3.4
Symptoms, signs, and ill-defined conditions (780-799)	13.5	8.5	6.8	4.2	3.8	15.9	5.6	10.6	9.7	9.9	20.7	14.0
All other diseases (Residual)	69.8	68.8	70.9	65.7	77.2	76.3	79.8	81.5	67.7	71.2	71.1	73.8
Accidents and adverse effects (E800-E949)	33.4	36.7	35.0	35.3	35.2	35.4	40.4	42.0	39.6	45.9	38.0	38.8
Motor vehicle accidents (E810-E825)	16.2	18.5	16.6	19.1	17.6	15.5	19.4	20.7	15.3	22.5	19.4	18.4
All other accidents and adverse												
effects (E800-E807,E826-E949)	17.1	18.2	18.4	16.2	17.6	19.8	21.0	21.3	18.3	23.4	18.6	20.4
Suicide (E950-E959)	11.3	12.1	10.0	11.3	12.3	11.8	11.1	12.9	10.6	12.6	10.8	11.3
Homicide and legal intervention (E960-E978)	5.6	5.3	10.1	11.5	3.8	2.7	1.9	8.8	*	2.9	2.7	5.3
All other external causes (E980-E999)7	1.2	.9	1.2	.7	.8	*	.9	*	*	*	*

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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	868.2	817.1	1,266.4	773.6	1,053.2	874.7	843.3	812.0	1,047.8
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	*	*	*	*	*	*	*	*	0.2
Tuberculosis (010-018)	*	0.5	*	0.4	*	0.9	1.2	0.9	1.2
Tuberculosis of respiratory system (010-012)	*	*	*	*	*	.7	1.0	.8	1.0
Other tuberculosis (013-018)	*	*	*	*	*	*	*	*	.2
Whooping cough (033)	*	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	*	*	*	*	*	*	*	*	*
Septicemia (038)	10.1	13.4	23.8	9.7	9.1	8.0	7.3	8.4	6.1
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*
Measles (055)	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)	*	.6	*	.4	*	.4	.8	.6	1.0
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)	8.0	12.2	62.7	7.8	3.8	8.1	8.3	12.8	19.5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	212.3	202.3	282.0	184.7	235.9	197.5	184.9	173.2	257.1
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	4.2	3.5	9.6	2.9	3.6	3.6	4.4	3.4	5.1
Malignant neoplasms of digestive organs and peritoneum (150-159)	49.8	49.7	81.8	41.5	54.1	43.7	43.3	37.4	61.3
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	65.8	58.8	70.4	56.3	76.6	60.7	55.7	53.9	80.8
Malignant neoplasm of breast (174-175)	19.5	16.9	23.8	16.5	17.8	16.8	14.7	14.2	20.0
Malignant neoplasms of genital organs (179-187)	21.7	22.0	34.3	19.5	21.6	23.3	22.8	19.2	29.8
Malignant neoplasms of urinary organs (188-189)	8.9	8.4	7.3	6.1	9.4	7.4	6.8	6.3	11.1
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	26.0	25.9	31.6	24.8	30.8	22.6	21.0	23.6	26.2
Leukemia (204-208)	6.7	6.7	8.6	6.6	8.4	7.4	6.3	6.3	9.0
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203) .....	.9.8	10.5	14.6	10.4	13.5	11.9	9.9	9.0	13.8
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3.1	2.6	*	2.4	2.7	2.1	2.2	3.0	3.1
Diabetes mellitus (250)	31.9	22.3	26.2	12.9	27.3	20.9	19.1	15.2	22.1
Nutritional deficiencies (260-269)	*	.9	*	1.2	1.9	1.3	1.7	1.3	1.2
Anemias (280-285)	3.0	2.0	*	1.4	1.8	1.9	2.0	1.6	2.2
Meningitis (320-322)	*	.4	*	*	*	.4	.6	.6	.4
Major cardiovascular diseases (390-448)	360.0	324.1	425.5	330.9	484.4	378.5	362.4	336.6	459.1
Diseases of heart (390-398,402,404-429)	291.4	257.9	326.7	258.7	394.8	288.8	272.1	260.3	365.4
Rheumatic fever and rheumatic heart disease (390-398) ..	*	1.8	*	1.5	2.9	2.4	1.6	1.7	3.5
Hypertensive heart disease (402)	12.9	12.2	41.6	6.5	9.6	8.9	8.9	9.7	12.4
Hypertensive heart and renal disease (404)	*	1.3	*	.9	2.2	1.3	1.4	1.3	1.2
Ischemic heart disease (410-414)	167.9	131.0	114.7	156.9	256.2	200.0	178.1	154.3	262.3
Acute myocardial infarction (410)	91.8	75.6	56.5	78.3	134.9	111.4	106.7	92.1	112.2
Other acute and subacute forms of ischemic heart disease (411)	*	1.2	*	10.1	*	.8	4.8	1.3	1.1
Angina pectoris (413)	*	.6	*	.6	*	.5	1.0	.4	.6
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	74.6	53.7	57.8	68.0	119.4	87.2	65.7	60.5	148.4
Other diseases of endocardium (424)	4.3	3.5	5.3	3.9	5.5	4.9	3.9	3.5	7.1
All other forms of heart disease (415-423,425-429)	102.5	108.2	160.8	89.0	118.3	71.4	78.2	89.9	78.9

SECTION 1 - GENERAL MORTALITY - PAGE 63

Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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	3.3	5.3	2.9	4.6	4.0	5.6	3.7	5.0
Cerebrovascular diseases (430-438)	48.0	48.7	73.8	54.4	63.4	70.2	70.1	58.3	66.4
Intracerebral and other intracranial hemorrhage (431-432)	6.4	8.4	16.2	7.7	8.5	9.1	11.4	9.0	10.1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	6.1	5.5	8.8	6.9	8.3	8.8	9.6	7.0	11.0
Cerebral embolism (434.1)	*	*	*	*	*	*	*	*	.4
All other and late effects of cerebrovascular diseases (430,433,435-438)	35.1	34.6	48.8	39.6	46.5	52.0	48.9	42.1	44.8
Atherosclerosis (440)	5.2	5.2	8.3	6.3	9.3	5.6	5.1	6.5	9.0
Other diseases of arteries, arterioles, and capillaries (441-448)	12.5	8.9	11.4	8.6	12.2	9.9	9.5	7.8	13.3
Acute bronchitis and bronchiolitis (466)	*	*	*	*	*	*	*	*	.3
Pneumonia and influenza (480-487)	23.2	25.7	40.2	25.5	33.9	28.9	20.8	27.7	25.5
Pneumonia (480-486)	23.0	25.4	40.1	25.1	33.1	28.6	20.7	27.2	25.3
Influenza (487)	*	*	*	.3	*	.3	*	.5	.2
Chronic obstructive pulmonary diseases and allied conditions (490-496)									
Chronic obstructive pulmonary diseases and allied conditions (490-496)	32.1	28.8	27.2	27.6	47.7	29.4	29.1	30.3	43.2
Bronchitis, chronic and unspecified (490-491)	*	1.4	*	1.3	2.0	1.8	1.1	1.1	1.8
Emphysema (492)	5.3	4.7	3.8	4.5	6.4	4.5	5.4	5.3	8.3
Asthma (493)	*	1.5	3.8	2.2	1.9	2.0	2.3	2.0	1.8
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	23.6	21.2	18.9	19.6	37.4	21.1	20.3	21.9	31.3
Ulcer of stomach and duodenum (531-533)									
Ulcer of stomach and duodenum (531-533)	*	1.9	4.3	1.8	2.6	2.8	2.5	2.1	3.1
Appendicitis (540-543)	*	*	*	*	*	*	*	*	.2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)									
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	*	2.1	*	1.8	2.5	2.2	1.9	1.9	2.4
Chronic liver disease and cirrhosis (571)									
Chronic liver disease and cirrhosis (571)	10.7	10.1	35.6	8.2	9.7	11.6	10.1	9.9	14.1
Cholelithiasis and other disorders of gallbladder (574-575)									
Cholelithiasis and other disorders of gallbladder (574-575)	*	.9	*	1.1	2.1	1.4	1.4	1.2	1.4
Nephritis, nephrotic syndrome, and nephrosis (580-589)									
Nephritis, nephrotic syndrome, and nephrosis (580-589)	10.8	10.6	17.7	8.0	12.1	8.2	7.3	10.1	7.3
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	*	1.1	1.0	.6	.8
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	9.8	10.1	16.6	7.4	11.3	6.9	6.2	9.3	6.2
Infections of kidney (590)									
Infections of kidney (590)	*	*	*	.3	*	.6	.6	.8	.6
Hyperplasia of prostate (600)									
Hyperplasia of prostate (600)	*	*	*	*	*	*	*	*	.2
Complications of pregnancy, childbirth, and the puerperium (630-676)									
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)									
Congenital anomalies (740-759)	5.8	5.2	7.8	4.7	5.3	4.9	6.5	5.1	5.2
Certain conditions originating in the perinatal period (760-779)									
Certain conditions originating in the perinatal period (760-779)	10.1	8.8	29.0	8.7	4.7	9.2	10.3	11.2	7.6
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	*	1.7	5.6	1.4	1.1	2.0	2.3	3.1	1.7
Other conditions originating in the perinatal period (760-766,770-779)	8.2	7.1	23.3	7.2	3.6	7.2	7.9	8.1	5.9
Symptoms, signs, and ill-defined conditions (780-799)	6.7	8.1	34.9	6.9	8.8	6.2	8.2	11.1	12.5
All other diseases (Residual)	70.9	71.5	120.7	66.9	84.8	75.4	78.3	69.7	78.6
Accidents and adverse effects (E800-E949)									
Accidents and adverse effects (E800-E949)	37.1	30.1	36.6	36.3	48.1	48.3	52.7	46.9	42.1
Motor vehicle accidents (E810-E825)	17.7	15.7	14.2	16.6	25.8	24.2	27.1	26.1	23.6
All other accidents and adverse effects (E800-E807,E826-E949)	19.5	14.4	22.4	19.7	22.2	24.2	25.6	20.8	18.4
Suicide (E950-E959)									
Suicide (E950-E959)	14.1	11.2	8.4	13.3	12.4	13.3	12.1	13.3	16.4
Homicide and legal intervention (E960-E978)									
Homicide and legal intervention (E960-E978)	6.8	12.5	59.6	8.5	7.4	10.7	9.7	14.3	12.7
All other external causes (E980-E999)	*	6.8	8.4	.7	*	.4	.7	1.2	.9

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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	949.8	920.1	947.2	968.6	1,024.4	859.5	924.8	735.0
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	*	*	*	*	*	*	*	*
Tuberculosis (010-018)	1.1	1.2	1.0	1.0	1.2	1.3	0.9	0.8
Tuberculosis of respiratory system (010-012)	1.0	1.0	.7	*	1.0	1.2	*	.6
Other tuberculosis (013-018)	*	*	*	*	*	*	*	.2
Whooping cough (033)	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*
Meningococcal infection (036)	*	*	*	*	*	*	*	*
Septicemia (038)	8.9	6.8	8.2	7.2	11.6	11.0	9.2	8.0
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*
Measles (055)	*	*	*	*	*	*	*	*
Viral hepatitis (070)	*	1.2	.7	*	*	.7	.7	.7
Syphilis (080-097)	*	*	*	*	*	*	*	*
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	5.4	6.1	7.1	5.5	10.7	5.7	11.5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	221.5	205.5	209.0	201.0	229.7	194.2	207.2	161.3
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.0	3.0	3.6	2.9	2.6	3.7	2.5	2.4
Malignant neoplasms of digestive organs and peritoneum (150-159)	50.5	47.1	45.4	45.8	53.7	45.8	43.8	37.3
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	74.9	66.5	63.4	63.4	73.3	61.4	66.2	47.7
Malignant neoplasm of breast (174-175)	17.4	15.5	15.8	14.1	16.4	15.5	15.6	12.7
Malignant neoplasms of genital organs (179-187)	21.2	22.5	23.7	23.1	27.1	19.4	24.5	18.3
Malignant neoplasms of urinary organs (188-189)	8.1	8.0	6.9	6.1	9.4	6.6	8.3	6.4
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	27.5	23.4	32.7	27.5	25.5	24.4	26.5	23.1
Leukemia (204-208)	7.7	7.5	6.8	7.4	8.5	6.5	7.7	6.5
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	11.4	11.9	10.9	10.6	13.3	10.7	12.1	8.9
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2.3	2.1	2.7	2.4	2.7	3.2	2.2	2.2
Diabetes mellitus (250)	22.1	18.5	17.7	17.7	21.3	28.2	15.4	17.0
Nutritional deficiencies (260-269)	1.6	1.1	1.5	1.8	1.6	1.3	1.4	1.0
Anemias (280-285)	2.3	1.8	1.7	2.5	2.6	2.2	1.4	1.3
Meningitis (320-322)	*	*	.5	*	*	*	*	.6
Major cardiovascular diseases (390-448)	418.8	406.0	411.5	458.6	453.9	369.3	427.6	302.7
Diseases of heart (390-398,402,404-429)	328.8	313.1	320.1	367.3	346.7	291.1	331.8	237.1
Rheumatic fever and rheumatic heart disease (390-398) ..	2.1	2.1	1.6	1.2	1.7	1.1	1.3	1.3
Hypertensive heart disease (402)	6.0	10.1	11.0	12.5	5.7	13.9	4.9	7.4
Hypertensive heart and renal disease (404) .....	.9	1.1	1.2	1.5	1.0	1.3	*	.7
Ischemic heart disease (410-414)	221.8	206.5	171.5	197.4	245.9	186.1	227.7	143.1
Acute myocardial infarction (410)	142.9	121.0	107.8	131.4	156.9	106.8	110.8	78.9
Other acute and subacute forms of ischemic heart disease (411)	*	.5	.6	*	*	.8	21.2	.5
Angina pectoris (413) .....	.6	*	.7	.8	*	*	*	.3
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	78.0	84.6	62.5	64.8	88.3	78.2	95.2	63.3
Other diseases of endocardium (424)	4.1	3.7	4.7	3.1	4.2	3.1	4.3	3.1
All other forms of heart disease (415-423,425-429)	93.9	89.6	130.1	151.5	88.1	85.5	93.3	81.6

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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)	3.5	3.2	4.4	4.3	4.3	3.9	3.2	2.7
Cerebrovascular diseases (430-438)	67.4	71.9	69.7	72.2	84.6	56.4	70.8	49.3
Intracerebral and other intracranial hemorrhage (431-432)	8.1	9.4	9.8	8.9	10.2	7.5	6.5	7.0
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	9.2	9.3	8.5	7.6	8.7	6.8	6.4	5.4
Cerebral embolism (434.1) .....	.	.	.	.9	.	.	.	.1
All other and late effects of cerebrovascular diseases (430,433,435-438)	49.9	52.9	51.2	54.8	65.5	41.9	57.6	36.7
Atherosclerosis (440)	8.4	8.6	7.5	5.6	7.1	9.6	13.1	6.9
Other diseases of arteries, arterioles, and capillaries (441-448)	10.7	9.3	9.7	9.2	11.2	8.3	8.7	6.7
Acute bronchitis and bronchiolitis (466) .....	.5	.	.	.	.	.	.	.2
Pneumonia and influenza (480-487)	34.6	30.4	29.7	29.7	35.6	20.9	38.1	23.0
Pneumonia (480-486)	33.6	30.0	29.2	28.8	34.8	20.7	37.4	22.5
Influenza (487)	1.0	.	.	1.0	.	.	.6	.5
Chronic obstructive pulmonary diseases and allied conditions (490-496)								
Bronchitis, chronic and unspecified (490-491)	41.2	35.5	34.3	28.8	38.1	27.8	38.7	25.7
Emphysema (492)	2.2	1.9	1.5	1.6	2.0	1.2	.9	1.2
Asthma (493)	6.3	5.4	5.7	4.2	6.9	6.0	7.4	5.7
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	1.6	1.5	1.4	1.9	1.7	2.1	1.9	1.6
Ulcer of stomach and duodenum (531-533)	31.1	26.7	25.8	21.1	27.6	18.5	28.5	17.2
Appendicitis (540-543)	2.3	2.4	2.6	2.4	2.2	1.8	2.2	2.0
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560) .....	.	.	.	.	.	.	.	.2
Chronic liver disease and cirrhosis (571)	2.3	2.3	2.5	2.5	3.5	2.3	2.4	2.0
Cholelithiasis and other disorders of gallbladder (574-575)	9.4	8.5	8.8	8.5	7.8	8.5	7.8	9.6
Nephritis, nephrotic syndrome, and nephrosis (580-589)	1.8	1.4	1.9	1.6	2.2	1.0	1.2	1.2
Acute glomerulonephritis and nephritic syndrome (580-581)	10.5	8.2	11.9	12.8	13.0	11.1	10.9	7.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587) .....	.	.	.	.	.	.	.	.
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589) .....	.	.9	.	1.0	1.1	.9	.7	.4
Infections of kidney (590)	9.9	7.1	11.4	11.6	11.7	10.1	10.1	6.5
Hyperplasia of prostate (600) .....	.9	.7	1.3	.	1.1	.8	.9	.6
Complications of pregnancy, childbirth, and the puerperium (630-676) .....	.	.	.	.	.	.	.	.1
Pregnancy with abortive outcome (630-638) .....	.	.	.	.	.	.	.	.2
Other complications of pregnancy, childbirth, and the puerperium (640-676) .....	.	.	.	.	.	.	.	.2
Congenital anomalies (740-759)								
Certain conditions originating in the perinatal period (760-779)	5.7	4.5	6.2	5.5	5.1	5.8	4.1	5.6
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	4.6	8.0	8.8	8.6	6.1	9.4	5.5	7.1
Other conditions originating in the perinatal period (760-766,770-779)	1.3	1.6	2.7	2.4	1.8	2.3	1.7	2.0
Symptoms, signs, and ill-defined conditions (780-799)	3.4	6.4	6.1	6.2	4.2	7.1	3.8	5.1
All other diseases (Residual)	7.4	18.4	19.9	10.1	23.2	7.0	11.8	19.7
All other diseases (Residual)	77.4	77.3	78.1	72.3	79.0	67.0	65.6	58.3
Accidents and adverse effects (E800-E949)								
Motor vehicle accidents (E810-E825)	46.2	47.3	53.6	58.9	53.7	43.7	41.4	39.2
All other accidents and adverse effects (E800-E807,E826-E949)	21.8	23.1	27.6	30.6	27.7	20.7	20.8	20.7
Suicide (E950-E959)	24.4	24.3	26.0	28.3	26.1	22.9	20.6	18.5
Homicide and legal intervention (E960-E970)	12.9	13.2	12.3	12.0	10.2	12.4	12.9	12.5
All other external causes (E980-E999)	5.8	9.4	12.4	11.9	10.2	15.6	7.8	12.4
All other external causes (E980-E999)7	1.1	.7	.	1.0	.9	.	.8

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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	838.1	736.5	685.1	637.4	691.9	793.4	541.2	778.5	759.6	883.6	745.3	397.5	584.7
Shigellosis and amebiasis (004,006)	*	*	*	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)	*	*	*	*	*	*	*	*	*	*	0.2	*	*
Tuberculosis (010-018)	*	*	*	*	*	0.6	*	*	*	*	.8	*	*
Tuberculosis of respiratory system (010-012)	*	*	*	*	*	.6	*	*	*	*	.6	*	*
Other tuberculosis (013-018)	*	*	*	*	*	*	*	*	*	*	.2	*	*
Whooping cough (033)	*	*	*	*	*	*	*	*	*	*	*	*	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	*	*	*	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	*	*	*	*	*	*	*	*	*	*	.3	*	*
Septicemia (038)	5.2	4.7	*	5.5	4.6	5.4	3.2	8.1	4.8	3.9	2.6	*	5.3
Acute poliomyelitis (045)	*	*	*	*	*	*	*	*	*	*	*	*	*
Measles (055)	*	*	*	*	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)	*	*	*	*	*	.8	*	*	.9	.8	.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)	3.5	3.0	*	8.7	6.7	9.3	4.6	8.9	8.0	6.8	17.8	3.8	7.7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	195.8	164.9	158.7	141.8	147.2	181.6	108.8	187.2	183.1	206.4	165.7	83.5	141.5
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	3.1	2.1	*	1.8	2.4	2.8	1.2	2.8	3.4	3.3	3.0	*	2.9
Malignant neoplasms of digestive organs and peritoneum (150-159)	45.9	34.8	35.4	36.2	37.9	43.1	25.5	39.6	42.2	46.8	39.7	18.8	46.0
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	50.5	42.2	39.2	35.5	35.9	50.7	19.5	62.5	54.6	63.5	46.9	25.4	35.0
Malignant neoplasm of breast (174-175)	15.6	15.4	13.5	12.9	13.2	15.1	10.2	14.9	16.3	15.7	14.7	9.1	8.9
Malignant neoplasms of genital organs (179-187)	27.9	20.5	20.8	17.8	16.8	18.9	16.5	17.4	21.7	24.3	18.2	7.4	14.2
Malignant neoplasms of urinary organs (188-189)	9.8	7.0	7.4	6.6	5.0	7.8	4.6	8.6	8.2	7.8	6.4	3.8	4.6
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	26.7	23.4	25.1	17.3	20.4	25.1	17.8	26.3	18.4	24.8	21.0	11.6	16.5
Leukemia (204-208)	5.7	8.0	5.5	5.5	5.6	7.2	5.9	7.2	6.8	8.0	6.3	*	5.5
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	10.5	11.5	10.7	8.3	9.9	11.0	7.8	8.0	11.4	12.2	9.4	4.4	7.9
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	*	3.4	*	1.7	3.2	2.5	2.6	*	1.9	3.3	2.3	*	3.0
Diabetes mellitus (250)	20.7	14.4	15.6	13.5	19.4	17.2	18.8	13.4	14.7	16.2	11.6	6.3	13.6
Nutritional deficiencies (260-269)	*	*	*	1.7	1.4	1.3	1.7	2.3	1.3	1.1	.6	*	*
Anemias (280-285)	*	*	*	1.1	1.4	1.2	*	*	1.1	1.2	1.0	*	*
Meningitis (320-322)	*	*	*	*	*	*	*	*	*	*	.5	*	*
Major cardiovascular diseases (390-448)	327.8	307.3	256.0	245.0	250.0	312.1	209.4	300.8	314.6	369.8	312.1	114.6	232.9
Diseases of heart (390-398,402,404-429)	253.2	228.3	203.8	184.0	197.3	246.6	159.8	245.6	235.2	269.1	239.5	90.3	179.3
Rheumatic fever and rheumatic heart disease (390-398) ..	3.7	3.4	*	3.3	2.4	2.3	3.3	2.6	2.5	3.3	2.5	*	*
Hypertensive heart disease (402)	5.2	3.2	*	4.7	6.4	3.5	6.9	21.5	4.8	6.4	8.8	*	6.0
Hypertensive heart and renal disease (404)	*	*	*	*	*	*	*	*	1.0	1.8	.9	*	*
Ischemic heart disease (410-414)	169.2	162.5	130.9	130.1	98.1	178.9	91.8	119.2	151.2	194.1	164.2	59.0	98.6
Acute myocardial infarction (410)	88.5	96.2	66.5	63.4	49.7	71.5	46.0	57.2	70.0	74.6	67.9	23.7	47.6
Other acute and subacute forms of ischemic heart disease (411)	*	*	*	*	*	6.1	*	*	.5	*	.4	*	*
Angina pectoris (413)	*	*	*	*	*	*	*	*	.5	*	.3	*	*
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	79.5	66.0	63.8	65.8	48.2	100.9	44.9	61.3	80.2	118.6	95.7	35.1	50.1
Other diseases of endocardium (424)	6.6	5.8	*	4.6	2.6	5.3	4.0	3.2	6.3	7.6	4.5	*	3.8
All other forms of heart disease (415-423,425-429)	68.0	52.9	63.2	40.7	87.0	56.4	53.6	99.0	69.5	55.9	58.7	25.6	68.5

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Table 1-14. Death Rates for 72 Selected Causes: United States, Each Division and State, 1989—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)	2.9	3.4	*	2.8	2.6	2.5	1.5	*	3.3	4.0	3.2	*	2.2
Cerebrovascular diseases (430-438)	53.5	56.9	35.8	39.9	36.8	46.1	37.4	40.5	56.4	71.8	54.2	18.4	44.2
Intracerebral and other intracranial hemorrhage (431-432)	6.7	4.8	*	5.9	5.6	7.2	4.7	6.9	6.6	8.4	7.6	3.8	9.8
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	4.7	4.9	*	3.6	2.9	4.9	3.6	4.1	5.2	10.7	7.7	*	4.0
Cerebral embolism (434.1)	*	*	*	*	*	*	*	*	.4	*	.2	*	*
All other and late effects of cerebrovascular diseases (430,433,435-438)	41.7	46.7	31.2	30.1	28.2	33.9	28.8	29.3	44.2	52.5	38.6	11.4	30.3
Atherosclerosis (440)	8.6	6.8	4.8	9.5	6.6	7.1	4.8	5.7	9.8	12.6	7.4	*	*
Other diseases of arteries, arterioles, and capillaries (441-448)	9.7	11.9	10.1	8.9	6.7	9.8	5.9	7.3	9.8	12.3	7.8	*	6.0
Acute bronchitis and bronchiolitis (466)	*	*	*	*	*	*	*	*	*	*	.4	*	*
Pneumonia and influenza (480-487)	30.0	26.4	24.4	26.8	25.7	30.2	21.0	24.8	27.9	33.7	36.0	8.5	24.8
Pneumonia (480-486)	27.9	25.7	22.5	26.0	24.7	29.6	19.8	24.4	26.7	31.7	35.0	8.2	24.6
Influenza (487)	*	*	*	.8	*	.6	1.2	*	1.1	2.0	1.0	*	*
Chronic obstructive pulmonary diseases and allied conditions (490-496)													
Bronchitis, chronic and unspecified (490-491)	47.4	40.6	42.5	39.9	35.7	44.3	22.8	48.3	39.7	43.8	33.6	16.3	18.1
Emphysema (492)	2.5	*	*	1.7	*	1.3	1.3	*	1.0	2.3	1.7	*	*
Asthma (493)	7.8	6.6	5.3	7.3	8.2	10.9	3.6	6.1	6.7	8.8	7.4	*	3.0
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	3.6	*	*	2.5	1.8	3.0	2.0	*	2.1	3.5	1.9	*	2.3
Ulcer of stomach and duodenum (531-533)	2.9	2.9	*	3.1	1.8	2.3	2.5	*	2.5	2.5	3.0	*	2.2
Appendicitis (540-543)	*	*	*	*	*	*	*	*	*	*	.2	*	*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	3.0	2.1	*	2.3	1.8	1.8	2.5	*	2.2	2.2	1.7	*	*
Chronic liver disease and cirrhosis (571)	9.2	5.6	8.2	9.9	13.4	12.4	5.7	13.9	9.6	9.3	13.7	8.5	6.1
Cholelithiasis and other disorders of gallbladder (574-575)	*	*	*	1.1	1.4	1.0	*	*	.9	1.1	.9	*	*
Nephritis, nephrotic syndrome, and nephrosis (580-589)													
Acute glomerulonephritis and nephrotic syndrome (580-581)	6.3	5.5	7.4	3.6	6.3	7.6	5.7	10.0	3.3	5.2	5.2	*	5.7
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	*	*	*	.7	*	*	*	*	.6	*	.5	*	*
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	5.5	5.0	6.7	2.7	5.8	7.3	5.1	9.8	2.5	4.5	4.6	*	5.4
Infections of kidney (590)	*	*	*	*	*	.9	*	*	.6	.9	.7	*	*
Hyperplasia of prostate (600)	*	*	*	*	*	*	*	*	*	*	.2	*	*
Complications of pregnancy, childbirth, and the puerperium (630-676)													
Pregnancy with abortive outcome (630-638)	*	*	*	*	*	*	*	*	*	*	.1	*	*
Other complications of pregnancy, childbirth, and the puerperium (640-676)	*	*	*	*	*	*	*	*	*	*	.1	*	*
Congenital anomalies (740-759)													
Certain conditions originating in the perinatal period (760-779)	6.6	5.2	4.6	4.9	5.4	6.3	6.8	5.4	5.3	4.4	5.5	5.1	3.7
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	5.2	6.0	5.5	5.4	6.5	6.9	4.8	4.7	5.3	5.7	7.3	7.2	5.8
Other conditions originating in the perinatal period (760-766,770-779)	*	*	*	1.1	1.4	1.2	*	*	1.5	1.8	1.9	*	*
Symptoms, signs, and ill-defined conditions (780-799)	4.0	4.7	4.8	4.3	5.2	5.8	3.7	3.3	3.8	3.9	5.5	5.7	4.2
All other diseases (Residual)	17.4	9.4	9.5	5.7	7.1	7.6	9.1	9.4	5.9	18.4	7.5	9.7	11.6
All other diseases (Residual)	79.8	62.8	66.3	56.5	65.2	64.5	56.4	52.7	67.3	78.2	51.4	29.2	53.3
Accidents and adverse effects (E800-E949)													
Motor vehicle accidents (E810-E825)	44.5	47.3	44.4	33.3	53.3	45.9	32.5	43.0	35.8	44.3	37.1	70.6	27.2
All other accidents and adverse effects (E800-E807,E826-E949)	21.3	24.5	24.0	17.1	32.1	24.2	18.3	25.0	18.0	22.7	19.4	17.6	12.9
Suicide (E950-E959)	23.2	22.9	20.4	16.1	21.3	21.7	14.2	18.0	17.7	21.5	17.8	52.9	14.2
Homicide and legal intervention (E960-E978)	20.0	15.8	17.3	16.6	19.5	18.9	12.4	23.1	13.6	16.7	12.7	16.9	9.8
All other external causes (E980-E999)	3.8	2.9	4.6	4.8	10.4	9.1	3.3	11.3	5.0	4.9	11.2	6.5	4.6
All other external causes (E980-E999)	*	*	*	1.6	1.6	.6	2.9	2.3	2.9	1.6	.6	*	1.8

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Table 1-15. Maternal Deaths and Maternal Mortality Rates for Selected Causes, by 5-Year Age Groups and Race: United States, 1989

[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
Complications of pregnancy, childbirth, and the puerperium (630-676)	320	30	69	85	84	39	11	2	7.9	5.8	6.4	6.7	10.0	13.3	*	*
White	180	18	40	50	45	23	4	-	5.6	*	4.9	4.8	6.4	9.5	*	*
All other	140	12	29	35	39	16	7	2	16.5	*	11.4	15.7	28.0	*	*	*
Black	124	11	29	30	32	14	6	2	18.4	*	13.5	17.9	33.8	*	*	*
Pregnancy with abortive outcome (630-638)	50	6	13	15	10	4	2	-	1.2	*	*	*	*	*	*	*
White	21	3	5	7	6	-	-	-	.7	*	*	*	*	*	*	*
All other	29	3	8	8	4	4	2	-	3.4	*	*	*	*	*	*	*
Black	26	3	8	6	3	4	2	-	3.9	*	*	*	*	*	*	*
Ectopic pregnancy (633)	34	4	9	11	6	2	2	-	.8	*	*	*	*	*	*	*
White	14	1	4	5	4	-	-	-	.5	*	*	*	*	*	*	*
All other	20	3	5	6	2	2	2	-	2.4	*	*	*	*	*	*	*
Black	19	3	5	5	2	2	2	-	*	*	*	*	*	*	*	*
Spontaneous abortion (634)	3	-	-	1	2	-	-	-	*	*	*	*	*	*	*	*
White	1	-	-	-	1	-	-	-	*	*	*	*	*	*	*	*
All other	2	-	-	1	1	-	-	-	*	*	*	*	*	*	*	*
Black	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
Legally induced abortion (635)	3	1	1	1	-	-	-	-	*	*	*	*	*	*	*	*
White	1	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
All other	2	-	1	1	-	-	-	-	*	*	*	*	*	*	*	*
Black	2	-	1	1	-	-	-	-	*	*	*	*	*	*	*	*
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
White	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
All other	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
Black	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
Other pregnancy with abortive outcome (630-632,637-638)	10	1	3	2	2	2	-	-	*	*	*	*	*	*	*	*
White	5	1	1	2	1	-	-	-	*	*	*	*	*	*	*	*
All other	5	-	2	-	1	2	-	-	*	*	*	*	*	*	*	*
Black	5	-	2	-	1	2	-	-	*	*	*	*	*	*	*	*
Direct obstetric causes (640-646,651-676)	241	22	51	60	67	32	7	2	6.0	4.2	4.7	4.8	8.0	10.9	*	*
White	144	14	33	37	34	22	4	-	4.5	*	4.0	3.6	4.8	9.1	*	*
All other	97	8	18	23	33	10	3	2	11.4	*	*	10.3	23.7	*	*	*
Black	85	7	18	21	27	8	2	2	12.6	*	*	12.6	28.5	*	*	*
Hemorrhage of pregnancy and childbirth (640-641,666)	43	2	9	12	12	7	1	-	1.1	*	*	*	*	*	*	*
White	30	1	7	10	6	6	-	-	.9	*	*	*	*	*	*	*
All other	13	1	2	2	6	1	1	-	*	*	*	*	*	*	*	*
Black	10	1	2	1	5	1	-	-	*	*	*	*	*	*	*	*
Toxemia of pregnancy (642.4-642.9,643)	58	6	14	8	16	9	4	1	1.4	*	*	*	*	*	*	*
White	29	3	5	6	7	6	2	-	.9	*	*	*	*	*	*	*
All other	29	3	9	2	9	3	2	1	3.4	*	*	*	*	*	*	*
Black	27	2	9	2	9	2	2	1	4.0	*	*	*	*	*	*	*
Obstructed labor (660)	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
White	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
All other	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
Black	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
Complications of the puerperium (670-676)	89	9	19	24	23	11	2	1	2.2	*	*	1.9	2.7	*	*	*
White	60	7	14	15	14	8	2	-	1.9	*	*	*	*	*	*	*
All other	29	2	5	9	9	3	-	1	3.4	*	*	*	*	*	*	*
Black	26	2	5	8	8	2	-	1	3.9	*	*	*	*	*	*	*
Other direct obstetric causes (642.0-642.3,644-646,651-659, 661-665,667-669)	51	5	9	16	16	5	-	-	1.3	*	*	*	*	*	*	*
White	25	3	7	6	7	2	-	-	.8	*	*	*	*	*	*	*
All other	26	2	2	10	9	3	-	-	3.1	*	*	*	*	*	*	*
Black	22	2	2	10	5	3	-	-	3.3	*	*	*	*	*	*	*
Indirect obstetric causes (647-648)	29	2	5	10	7	3	2	-	.7	*	*	*	*	*	*	*
White	15	1	2	6	5	1	-	-	*	*	*	*	*	*	*	*
All other	14	1	3	4	2	2	2	-	*	*	*	*	*	*	*	*
Black	13	1	3	3	2	2	2	-	*	*	*	*	*	*	*	*
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
White	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
All other	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*
Black	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*

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

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Table 1-16. Maternal Mortality Rates by Race: Birth-Registration States or United States, 1915-89

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

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."

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Table 1-17. Maternal Deaths by Race: United States, Each Division and State, 1989

[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		Division and State	All races	White	All other	
			Total	Black				Total	Black
United States	320	180	140	124					
Geographic divisions:					South Atlantic:				
New England	10	7	3	3	Delaware	2	1	1	1
Middle Atlantic	49	31	18	18	Maryland	12	4	8	7
East North Central	52	31	21	19	District of Columbia	4	-	4	4
West North Central	15	9	6	1	Virginia	7	5	2	2
South Atlantic	71	23	48	47	West Virginia	3	2	1	1
East South Central	22	12	10	10	North Carolina	7	2	5	5
West South Central	52	33	19	17	South Carolina	6	1	5	5
Mountain	16	12	4	4	Georgia	11	3	8	8
Pacific	33	22	11	5	Florida	19	5	14	14
New England:					East South Central:				
Maine	1	1	-	-	Kentucky	7	7	-	-
New Hampshire	-	-	-	-	Tennessee	1	-	1	1
Vermont	1	1	-	-	Alabama	8	4	4	4
Massachusetts	4	3	1	1	Mississippi	6	1	5	5
Rhode Island	1	1	-	-	West South Central:				
Connecticut	3	1	2	2	Arkansas	4	1	3	2
Middle Atlantic:					Louisiana	12	6	6	6
New York	32	19	13	13	Oklahoma	2	-	2	2
New Jersey	4	2	2	2	Texas	34	26	8	7
Pennsylvania	13	10	3	3	Mountain:				
East North Central:					Montana	1	1	-	-
Ohio	9	6	3	3	Idaho	2	2	-	-
Indiana	4	4	-	-	Wyoming	-	-	-	-
Illinois	19	9	10	9	Colorado	4	3	1	1
Michigan	13	6	7	7	New Mexico	4	2	2	2
Wisconsin	7	6	1	-	Arizona	5	4	1	1
West North Central:					Utah	-	-	-	-
Minnesota	1	-	1	-	Nevada	-	-	-	-
Iowa	3	3	-	-	Pacific:				
Missouri	5	3	2	1	Washington	2	2	-	-
North Dakota	1	-	1	-	Oregon	2	1	1	-
South Dakota	1	-	1	-	California	28	19	9	5
Nebraska	1	-	1	-	Alaska	-	-	-	-
Kansas	3	3	-	-	Hawaii	1	-	1	-

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Table 1-18. Deaths and Death Rates for the 50 Largest Standard Metropolitan Statistical Areas in the United States and Their Component Counties: 1989

(Page 1 of 2)

[Standard metropolitan statistical areas are those defined by the Office of Management and Budget for 1980 except for New England, where areas are New England County Metropolitan Areas. For further explanation of areas see Technical Appendix.]

Area	Number	Rate †	Area	Number	Rate †
50 largest U.S. SMSA's	961,618	---			
Anaheim-Santa Ana-Garden Grove, Calif	14,810	---	Detroit, Mich	37,829	---
Orange	14,810	---	Lapeer	470	---
Atlanta, Ga	17,567	---	Livingston	627	---
Bulls	135	---	Macomb	5,728	---
Cherokee	460	---	Oakland	7,878	---
Clayton	930	---	St. Clair	1,280	---
Cobb	2,146	---	Wayne	21,846	---
De Kalb	3,610	---	Fort Lauderdale-Hollywood, Fla	14,424	---
Douglas	423	---	Broward	14,424	---
Fayette	265	---	Greensboro-Winston-Salem-High Point, N C	7,861	---
Forsyth	309	---	Davidson	1,043	---
Fulton	6,290	---	Forsyth	2,405	---
Gwinnett	1,346	---	Guilford	2,996	---
Henry	408	---	Randolph	805	---
Newton	363	---	Stokes	290	---
Paulding	239	---	Yadkin	322	---
Rockdale	342	---	Hartford-New Britain-Bristol, Conn	9,302	---
Walton	301	---	Hartford	7,409	---
Baltimore, Md	21,406	---	Middlesex	1,210	---
Anne Arundel	2,786	---	Tolland	683	---
Baltimore	6,206	---	Houston, Tex	20,980	---
Baltimore city	9,701	---	Brazoria	1,101	---
Carroll	826	---	Fort Bend	884	---
Harford	1,141	---	Harris	17,177	---
Howard	746	---	Liberty	528	---
Birmingham, Ala	8,701	---	Montgomery	1,126	---
Jefferson	6,936	---	Waller	164	---
St. Clair	392	---	Indianapolis, Ind	10,368	---
Shelby	583	---	Boone	346	---
Walker	790	---	Hamilton	609	---
Boston-Lowell-Brockton-Lawrence-Haverhill, Mass	32,765	---	Hancock	337	---
Essex	6,173	---	Hendricks	508	---
Middlesex	11,424	---	Johnson	667	---
Norfolk	5,455	---	Marion	7,090	---
Plymouth	3,415	---	Morgan	458	---
Suffolk	6,298	---	Shelby	353	---
Buffalo, N.Y	12,277	---	Kansas City, Mo.-Kans	11,843	---
Erie	10,117	---	Cass, Mo	460	---
Niagara	2,160	---	Clay, Mo	1,085	---
Chicago, Ill	61,870	---	Jackson, Mo	6,244	---
Cook	48,999	---	Platte, Mo	332	---
Du Page	4,260	---	Ray, Mo	202	---
Kane	2,193	---	Johnson, Kans	1,848	---
Lake	2,925	---	Wyandotte, Kans	1,672	---
McHenry	1,175	---	Los Angeles-Long Beach, Calif	64,872	---
Will	2,318	---	Los Angeles	64,872	---
Cincinnati, Ohio-Ky.-Ind	12,908	---	Louisville, Ky.-Ind	8,628	---
Clermont, Ohio	948	---	Bullitt, Ky	270	---
Hamilton, Ohio	8,304	---	Jefferson, Ky	6,739	---
Warren, Ohio	781	---	Oldham, Ky	155	---
Boone, Ky	393	---	Clark, Ind	891	---
Campbell, Ky	814	---	Floyd, Ind	573	---
Kenton, Ky	1,332	---	Memphis, Tenn.-Ark.-Miss	8,488	---
Dearborn, Ind	336	---	Shelby, Tenn	7,216	---
Cleveland, Ohio	18,461	---	Tipton, Tenn	336	---
Cuyahoga	15,462	---	Crittenden, Ark	517	---
Geauga	522	---	De Soto, Miss	419	---
Lake	1,667	---	Miami, Fla	18,749	---
Medina	810	---	Dade	18,749	---
Columbus, Ohio	9,048	---	Milwaukee, Wis	12,283	---
Delaware	433	---	Milwaukee	9,318	---
Fairfield	804	---	Ozaukee	447	---
Franklin	7,136	---	Washington	617	---
Madison	294	---	Waukesha	1,901	---
Pickaway	381	---	Minneapolis-St. Paul, Minn.-Wis	15,944	---
Dallas-Fort Worth, Tex	25,360	---	Anoka, Minn	934	---
Collin	995	---	Carver, Minn	248	---
Dallas	12,311	---	Chisago, Minn	223	---
Denton	1,160	---	Dakota, Minn	1,198	---
Ellis	690	---	Hennepin, Minn	7,678	---
Hood	252	---	Ramsey, Minn	3,849	---
Johnson	742	---	Scott, Minn	312	---
Kaufman	517	---	Washington, Minn	642	---
Parker	497	---	Wright, Minn	468	---
Rockwall	152	---	St. Croix, Wis	392	---
Tarrant	7,760	---	Nashville-Davidson, Tenn	7,922	---
Wise	284	---	Cheatham	184	---
Dayton, Ohio	6,957	---	Davidson	4,558	---
Greene	868	---	Dickson	344	---
Miami	784	---	Robertson	387	---
Montgomery	4,969	---	Rutherford	767	---
Preble	336	---	Sumner	718	---
Denver-Boulder, Colo	11,066	---	Williamson	457	---
Adams	1,427	---	Wilson	507	---
Arapahoe	1,724	---	Nassau-Suffolk, N.Y	22,157	---
Boulder	1,075	---	Nassau	11,634	---
Denver	4,439	---	Suffolk	10,523	---
Douglas	162	---	New Orleans, La	10,954	---
Clipin	10	---	Jefferson	3,530	---
Jefferson	2,229	---	Orleans	5,926	---
			St. Bernard	536	---
			St. Tammany	962	---

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Table 1-18. Deaths and Death Rates for the 50 Largest Standard Metropolitan Statistical Areas in the United States and Their Component Counties: 1989—Con.

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[Standard metropolitan statistical areas are those defined by the Office of Management and Budget for 1980 except for New England, where areas are New England County Metropolitan Areas. For further explanation of areas see Technical Appendix.]

Area	Number	Rate ¹	Area	Number	Rate ¹
New York, N.Y.-N.J.	94,224	---	Rochester, N.Y.	8,256	---
New York City, N.Y.	75,969	---	Livingston	487	---
Bronx	13,303	---	Monroe	5,914	---
Kings	23,129	---	Ontario	799	---
New York	16,530	---	Orleans	369	---
Queens	19,560	---	Wayne	687	---
Richmond	3,447	---	Sacramento, Calif.	9,787	---
Putnam, N.Y.	552	---	Placer	1,264	---
Rockland, N.Y.	2,048	---	Sacramento	7,534	---
Westchester, N.Y.	8,118	---	Yolo	989	---
Bergen, N.J.	7,537	---	St. Louis, Mo.-Ill.	22,546	---
Newark, N.J.	18,172	---	Franklin, Mo.	702	---
Essex	8,533	---	Jefferson, Mo.	1,069	---
Morris	2,992	---	St. Charles, Mo.	1,067	---
Somerset	1,635	---	St. Louis, Mo.	8,348	---
Union	5,012	---	St. Louis city, Mo.	5,735	---
Norfolk-Virginia Beach-Portsmouth, Va.-N.C.	6,750	---	Clinton, Ill.	288	---
Chesapeake city, Va.	1,000	---	Madison, Ill.	2,487	---
Norfolk city, Va.	2,255	---	Monroe, Ill.	184	---
Portsmouth city, Va.	1,073	---	St. Clair, Ill.	2,666	---
Suffolk city, Va.	560	---	Salt Lake City-Ogden, Utah	5,941	---
Virginia Beach city, Va.	1,743	---	Davis	696	---
Currituck, N.C.	119	---	Salt Lake	3,886	---
Oklahoma City, Okla.	7,409	---	Tooele	183	---
Canadian	434	---	Weber	1,076	---
Cleveland	844	---	San Antonio, Tex.	9,289	---
McClain	186	---	Bexar	8,382	---
Oklahoma	5,275	---	Comal	433	---
Pottawatomie	660	---	Guadalupe	474	---
Philadelphia, Pa.-N.J.	48,318	---	San Diego, Calif.	16,898	---
Bucks, Pa.	4,176	---	San Diego	16,898	---
Chester, Pa.	2,563	---	San Francisco-Oakland, Calif.	31,115	---
Delaware, Pa.	5,506	---	Alameda	10,171	---
Montgomery, Pa.	6,138	---	Contra Costa	5,818	---
Philadelphia, Pa.	20,581	---	Marin	1,770	---
Burlington, N.J.	3,003	---	San Francisco	8,456	---
Camden, N.J.	4,539	---	San Mateo	4,900	---
Gloucester, N.J.	1,812	---	San Jose, Calif.	8,447	---
Phoenix, Ariz.	15,635	---	Santa Clara	8,447	---
Maricopa	15,635	---	Seattle-Everett, Wash.	13,386	---
Pittsburgh, Pa.	23,697	---	King	10,584	---
Allegheny	15,447	---	Snohomish	2,802	---
Beaver	2,004	---	Tampa-St. Petersburg, Fla.	23,360	---
Washington	2,298	---	Hillsborough	7,032	---
Westmoreland	3,948	---	Pasco	4,125	---
Portland, Oreg.-Wash.	11,129	---	Pinellas	12,203	---
Clackamas, Oreg.	2,030	---	Washington, D.C.-Md.-Va.	23,616	---
Multnomah, Oreg.	5,730	---	District of Columbia	7,849	---
Washington, Oreg.	1,799	---	Charles, Md.	553	---
Clark, Wash.	1,570	---	Montgomery, Md.	4,430	---
Providence-Warwick-Pawtucket, R.I.	8,859	---	Prince Georges, Md.	4,492	---
Bristol	469	---	Alexandria city, Va.	841	---
Kent	1,438	---	Arlington, Va.	1,155	---
Providence	6,109	---	Fairfax, Va.	3,015	---
Washington	843	---	Fairfax city, Va.	124	---
Riverside-San Bernardino-Ontario, Calif.	18,984	---	Falls Church city, Va.	95	---
Riverside	9,342	---	Loudoun, Va.	409	---
San Bernardino	9,642	---	Manassas city, Va.	121	---
			Manassas Park city, Va.	31	---
			Prince William, Va.	701	---

¹ County populations are not available for 1989.

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Table 1-19. Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1989

(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	2,153,859	1,745,773	408,086	327,657	77,036	1,539	156	1,032	1,547	2,499	604	1,086	420	754	4,954	1,674	112	640
Alabama	38,739	30,265	8,474	7,202	1,260	...	...	3	10	11	1	6	2	2	274	310	-	-
Alaska	2,093	1,635	458	304	126	...	...	6	1	18	2	...	...	...	11	1	1	2
Arizona	28,963	25,200	3,763	1,980	1,613	6	5	...	5	357	53	9	1	1	25	7	2	36
Arkansas	24,388	18,020	6,368	5,080	1,288	5	1	3	...	15	2	...	...	...	7	5	1	1
California	217,371	194,623	22,748	19,497	2,650	13	16	292	31	...	71	29	2	3	121	19	44	34
Colorado	21,472	16,193	5,279	4,347	910	5	2	37	6	64	...	2	...	3	36	3	2	7
Connecticut	28,190	24,340	3,850	2,817	1,011	2	...	5	2	7	1	...	...	1	148	3	...	...
Delaware	5,985	4,979	1,012	450	562	...	...	1	...	...	...	...	...	5	14	3	...	...
District of Columbia	9,648	6,895	2,753	-	2,732	3	1	2	1	5	1	6	...	5	27	8	2	...
Florida	133,807	115,736	18,071	12,075	5,283	374	1	11	17	74	18	137	13	7	...	496	4	...
Georgia	52,891	36,065	16,826	14,519	2,281	411	3	3	11	30	5	8	...	2	387	...	...	...
Hawaii	6,730	6,176	554	214	211	...	...	8	2	63	5	2	1	1	148	1	...	1
Idaho	7,166	5,792	1,394	1,036	351	3	5	10	3	30	14	2	...	1	6	...	...	...
Illinois	100,516	87,379	13,137	11,223	1,892	12	1	33	20	63	8	2	...	4	180	14	...	4
Indiana	49,715	39,459	10,256	7,723	2,519	7	...	7	6	14	5	4	...	1	90	10	...	1
Iowa	27,034	20,593	6,441	5,190	1,238	1	1	12	6	20	47	8	...	...	17	2	...	3
Kansas	21,647	16,929	4,718	3,805	907	...	...	3	10	24	37	...	...	1	14	2	...	...
Kentucky	34,822	25,379	9,443	7,887	1,450	8	...	1	2	6	2	1	...	1	58	12	...	...
Louisiana	38,032	28,864	9,168	8,035	1,100	43	3	6	134	39	1	3	1	...	45	14	2	...
Maine	11,169	9,116	2,053	1,698	333	2	...	1	...	4	...	27	...	1	46	4	...	...
Maryland	37,640	28,054	9,586	7,257	2,297	4	1	3	1	17	6	20	187	563	125	12	2	...
Massachusetts	54,520	43,977	10,543	8,500	1,982	1	1	8	1	16	3	281	5	6	275	9	...	...
Michigan	77,897	62,437	15,260	14,149	1,065	11	...	14	11	25	5	6	1	2	273	16	...	...
Minnesota	34,540	27,146	7,394	5,831	1,537	2	4	20	8	32	8	...	...	...	53	6	1	...
Mississippi	24,475	18,348	6,127	5,305	820	310	1	2	39	9	2	...	...	...	82	12	...	...
Missouri	51,679	36,722	14,957	11,859	3,084	6	3	8	203	41	10	3	...	...	38	8	...	1
Montana	6,692	5,521	1,171	952	205	...	3	3	...	15	8	2	...	...	2	...	...	20
Nebbraska	15,040	11,642	3,398	2,584	811	4	1	10	6	27	31	1	...	...	4	...	...	2
Nevada	9,327	7,634	1,693	1,324	1,113	3	1	105	9	498	17	2	1	1	25	2	12	24
New Hampshire	8,351	6,599	1,752	957	789	...	...	1	...	6	2	22	...	...	36	2	...	...
New Jersey	69,575	56,563	13,012	10,891	2,101	1	...	6	...	21	2	30	32	9	292	6	...	...
New Mexico	10,490	9,470	2,020	1,429	574	2	...	157	7	66	49	3	...	...	11	1	2	2
New York	170,611	150,866	19,745	16,062	3,402	11	1	14	2	61	6	205	8	7	734	22	2	1
North Carolina	57,839	43,832	14,007	12,159	1,824	9	...	3	1	9	2	11	5	12	207	63	2	...
North Dakota	5,872	3,965	1,907	1,257	648	...	...	5	...	5	3	...	...	...	8	...	...	1
Ohio	98,262	80,887	17,375	14,499	2,839	13	...	18	4	50	6	4	3	1	285	18	...	2
Oklahoma	28,893	22,803	5,990	5,397	587	4	2	9	73	31	6	1	...	...	10	2	1	...
Oregon	25,182	20,266	4,916	3,820	1,071	...	11	22	3	235	6	3	1	...	11	3	4	93
Pennsylvania	124,530	102,548	21,982	17,865	3,953	9	1	11	5	31	6	33	131	8	288	12	2	1
Rhode Island	9,733	8,009	1,724	1,126	596	...	...	...	...	...	...	155	1	...	40	...	...	...
South Carolina	28,853	22,865	5,988	5,198	771	9	...	...	1	6	2	3	1	9	83	108	...	1
South Dakota	6,580	4,684	1,896	1,437	456	1	...	2	1	3	4	...	...	...	2	1	...	2
Tennessee	48,520	35,657	12,863	8,749	4,098	186	1	4	571	20	2	3	1	2	95	382	...	1
Texas	126,640	101,172	25,468	21,841	3,057	35	6	45	322	170	43	9	1	5	152	33	7	5
Utah	9,636	7,839	1,797	1,154	629	2	1	63	1	78	39	1	...	...	11	...	4	147
Vermont	4,690	3,574	1,116	581	528	...	...	...	...	3	...	22	1	1	19	3	1	...
Virginia	46,392	27,449	18,943	16,900	2,008	11	...	6	4	24	1	14	9	86	115	22	1	1
Washington	36,207	31,201	5,006	3,789	1,142	6	71	29	3	111	18	5	1	2	21	7	12	244
West Virginia	19,579	13,664	5,915	4,124	1,788	1	...	1	1	5	1	...	...	2	33	5	...	...
Wisconsin	42,354	35,029	7,325	5,922	1,382	3	1	21	5	17	4	3	1	1	110	4
Wyoming	3,082	2,618	444	247	194	3	...	23	39	1	2	1	...	3

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Table 1-19. Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1989—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																			
	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	4,764	1,912	1,412	1,553	2,032	766	371	3,042	1,445	2,275	1,330	1,733	1,845	282	574	481	916	4,001	673	4,751
Alabama	10	10	3	1	9	25	-	4	4	18	1	232	11	-	1	1	3	10	-	15
Alaska	-	-	-	-	1	5	-	-	-	1	2	1	5	3	-	1	-	2	1	5
Arizona	98	29	63	28	2	8	5	8	17	79	82	3	19	24	14	53	4	14	77	53
Arkansas	21	6	3	15	6	48	-	2	-	9	5	24	253	-	1	1	-	2	-	2
California	133	23	37	30	12	21	6	15	54	89	45	11	39	26	31	243	9	72	45	143
Colorado	39	10	20	84	2	1	5	3	5	13	11	1	24	18	83	7	2	9	61	20
Connecticut	5	1	2	-	3	1	15	4	114	2	1	-	3	-	1	2	12	51	-	522
Delaware	2	1	1	-	1	1	-	216	7	2	1	1	1	-	-	-	-	108	-	13
District of Columbia	-	-	-	3	3	1	3	1,891	4	3	2	2	-	-	-	-	2	24	2	53
Florida	282	180	33	7	70	35	54	74	268	435	49	38	39	3	7	2	62	340	9	833
Georgia	23	24	4	3	24	18	1	11	10	29	3	20	10	-	1	1	3	27	2	49
Hawaii	8	2	-	5	1	-	2	4	3	6	4	1	3	-	1	2	-	2	2	11
Idaho	1	-	2	2	-	-	-	1	-	2	4	-	-	14	2	4	-	2	1	-
Illinois	492	100	11	56	7	2	7	8	91	26	10	283	4	6	6	1	7	2	32	32
Indiana	1,209	...	2	3	392	3	-	3	4	298	6	1	18	-	-	1	1	6	6	7
Iowa	440	7	...	15	1	-	-	2	1	12	69	1	142	2	179	5	1	8	7	13
Kansas	11	5	14	...	3	3	1	2	1	4	3	2	521	1	54	-	-	2	3	2
Kentucky	148	499	3	-	...	4	-	1	2	19	1	7	10	-	-	-	-	5	1	7
Louisiana	18	2	4	1	3	...	-	2	3	11	-	294	12	1	2	-	-	6	1	15
Maine	2	1	1	1	1	2	...	5	71	1	1	-	-	-	-	-	84	11	-	26
Maryland	11	3	1	1	7	6	1	...	30	10	3	3	6	1	-	1	5	73	1	108
Massachusetts	11	2	1	2	2	2	94	11	...	8	7	1	3	-	1	4	512	36	1	293
Michigan	97	82	3	4	11	2	1	5	7	...	13	6	13	2	1	-	-	11	1	29
Minnesota	88	27	219	7	5	4	1	4	2	65	...	1	22	8	12	2	1	4	3	16
Mississippi	10	4	-	1	4	180	-	-	1	8	-	...	11	-	-	-	-	5	-	3
Missouri	1,322	24	72	989	32	9	-	2	3	15	8	13	...	1	14	3	-	4	2	20
Montana	7	3	1	-	1	1	-	-	1	1	6	-	1	...	2	1	-	1	1	1
Nebraska	7	2	473	91	3	-	-	-	-	1	2	-	31	-	...	2	-	2	2	6
Nevada	33	9	10	5	1	11	1	-	5	21	15	2	12	8	3	...	2	12	14	29
New Hampshire	-	-	1	-	-	-	134	2	232	-	-	-	-	-	-	-	...	10	1	36
New Jersey	7	3	1	1	5	-	5	29	30	9	3	1	7	-	-	1	2	...	-	883
New Mexico	9	2	8	8	1	5	7	1	2	9	3	1	8	1	-	6	1	3	...	9
New York	19	8	4	3	8	5	7	42	82	20	1	5	7	1	1	5	15	1,377	-	...
North Carolina	15	9	2	1	5	5	3	36	12	11	3	5	5	-	2	1	3	43	3	79
North Dakota	1	-	4	1	-	-	-	-	-	1	496	1	-	26	1	-	-	-	-	-
Ohio	49	284	4	3	525	6	3	9	6	459	4	3	10	-	3	4	2	20	3	87
Oklahoma	6	8	3	122	3	10	-	1	-	9	3	1	53	-	5	3	2	1	8	5
Oregon	2	3	6	3	2	-	1	-	-	8	5	2	1	10	4	12	3	3	2	4
Pennsylvania	17	23	7	3	16	11	2	235	18	25	5	5	7	-	2	3	5	1,504	2	738
Rhode Island	1	1	-	-	-	4	2	2	349	-	1	1	1	-	-	1	3	7	-	22
South Carolina	7	7	1	2	8	4	4	12	6	9	1	4	2	1	-	1	3	27	1	61
South Dakota	3	-	114	3	-	-	-	-	-	2	155	-	1	2	82	1	-	1	-	2
Tennessee	51	25	4	6	576	16	2	10	-	38	3	963	145	-	3	1	2	11	4	23
Texas	96	49	41	65	18	285	2	21	9	88	39	55	72	7	22	10	3	40	383	80
Utah	3	3	1	1	3	3	-	1	2	2	2	2	4	39	1	69	-	2	11	6
Vermont	2	-	-	-	-	-	3	1	40	1	1	-	-	-	1	-	164	19	-	233
Virginia	22	8	5	-	33	10	7	202	24	14	-	4	6	-	1	1	5	58	1	116
Washington	9	-	3	9	1	2	1	5	2	7	10	3	9	60	4	8	1	10	3	14
West Virginia	5	4	1	-	169	1	-	151	4	6	-	1	3	1	-	1	-	2	-	11
Wisconsin	402	26	124	7	5	4	-	5	2	302	220	1	8	-	5	1	1	5	3	12
Wyoming	2	1	6	6	1	1	-	-	-	2	5	-	3	18	21	6	-	2	3	4

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Table 1-19. Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1989—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	1,465	288	2,989	1,516	832	3,198	422	1,555	428	1,046	1,865	246	431	2,823	1,173	1,770	1,404	389	3,393	
Alabama	24	-	18	6	-	8	-	8	1	179	22	-	-	7	-	6	4	-	12	
Alaska	-	-	5	-	8	-	1	-	-	-	6	2	-	-	33	-	1	-	1	
Arizona	16	25	37	16	47	29	2	5	25	1	37	35	1	7	77	5	43	18	170	
Arkansas	2	-	3	509	1	3	-	1	1	39	275	2	1	3	3	1	1	2	2	
California	11	11	75	52	197	85	6	3	13	10	135	45	3	22	167	4	38	14	601	
Colorado	3	13	14	24	6	9	-	-	35	6	61	35	2	4	9	1	12	91	22	
Connecticut	10	-	7	3	1	22	30	1	1	2	10	-	3	12	-	-	-	-	22	
Delaware	4	-	1	1	-	158	1	-	-	-	3	-	-	12	-	-	-	-	1	
District of Columbia	24	-	5	1	1	41	-	11	1	1	8	-	-	560	1	28	-	-	21	
Florida	96	4	385	15	10	314	41	38	4	69	61	2	25	74	13	49	91	-	733	
Georgia	135	-	33	8	-	30	6	743	2	125	25	-	1	28	3	11	8	-	26	
Hawaii	2	-	5	2	10	8	1	-	-	1	11	2	-	-	17	-	2	-	129	
Idaho	1	-	2	-	87	-	-	-	-	-	4	23	-	108	4	-	3	16	7	
Illinois	6	1	52	8	2	17	1	3	1	26	43	1	1	9	4	4	207	4	32	
Indiana	3	-	322	7	1	16	-	1	3	14	15	2	1	9	2	3	15	-	14	
Iowa	5	3	4	4	3	7	3	4	63	2	10	2	4	2	3	1	93	3	13	
Kansas	1	4	8	121	1	3	-	-	2	6	28	-	-	-	4	1	3	2	6	
Kentucky	9	1	284	1	-	13	-	6	1	140	13	-	-	27	-	154	3	-	6	
Louisiana	6	-	8	8	-	6	1	6	1	4	381	-	1	4	1	4	2	1	33	
Maine	2	-	-	1	-	6	15	2	1	3	2	-	3	6	-	-	-	-	22	
Maryland	34	1	12	3	2	394	1	20	1	4	16	-	5	301	8	291	1	1	32	
Massachusetts	8	-	11	1	2	26	254	7	1	-	12	-	43	13	3	1	3	-	61	
Michigan	10	1	161	4	2	18	1	4	-	19	25	2	1	3	6	7	148	1	46	
Minnesota	2	157	19	2	3	5	-	-	107	3	22	2	1	4	5	1	576	2	26	
Mississippi	5	1	5	3	1	2	-	4	-	83	22	1	1	1	-	-	2	-	2	
Missouri	7	-	12	106	1	9	1	3	2	20	43	1	1	7	2	2	10	3	14	
Montana	-	14	1	5	5	3	-	-	4	-	2	7	-	-	23	-	4	56	14	
Nebraska	1	1	5	5	1	4	-	3	34	2	8	-	2	1	6	-	7	23	3	
Nevada	5	1	20	6	40	12	2	-	1	4	33	40	-	2	31	1	13	9	46	
New Hampshire	-	-	-	1	-	8	6	1	-	-	1	-	281	1	-	1	2	-	6	
New Jersey	18	-	18	5	1	614	2	3	1	8	9	-	2	27	1	2	4	-	20	
New Mexico	2	2	8	17	3	5	-	-	2	1	126	12	-	3	6	2	3	4	17	
New York	36	-	43	5	4	473	18	27	1	11	25	1	27	31	-	7	8	1	281	
North Carolina	-	-	22	1	1	40	2	560	4	108	12	1	4	446	5	42	8	1	24	
North Dakota	-	-	-	-	2	2	-	-	-	-	3	-	-	-	1	-	-	-	2	
Ohio	31	3	...	4	2	350	2	7	-	25	22	-	3	29	2	459	11	1	37	
Oklahoma	2	2	6	...	2	3	-	1	2	5	167	1	-	4	3	4	1	2	6	
Oregon	1	-	7	2	...	1	-	-	2	2	14	3	-	-	567	-	6	6	25	
Pennsylvania	33	3	428	3	-	...	3	15	-	15	33	-	6	60	4	180	3	1	64	
Rhode Island	1	-	-	-	-	4	...	-	-	-	-	-	2	-	-	-	-	-	2	
South Carolina	280	-	16	2	-	23	3	...	-	12	7	-	1	29	1	9	2	-	19	
South Dakota	2	15	1	2	1	-	1	-	...	1	3	-	-	2	3	2	6	35	3	
Tennessee	89	1	40	10	2	14	-	16	1	...	21	-	-	730	3	15	5	-	16	
Texas	26	7	52	519	15	46	4	14	12	34	...	5	1	17	22	14	48	4	570	
Utah	1	1	5	4	7	3	-	-	1	1	10	...	-	2	14	-	-	-	14	
Vermont	1	-	-	-	-	4	3	2	-	1	-	-	...	-	2	-	-	-	7	
Virginia	505	2	28	7	-	87	6	25	1	49	22	3	3	...	1	453	4	1	35	
Washington	5	7	8	5	359	11	2	3	7	2	26	4	1	10	...	-	-	-	75	
West Virginia	17	-	781	-	-	257	-	3	-	5	4	-	-	308	1	...	-	-	3	
Wisconsin	2	6	8	3	1	13	3	5	1	3	19	2	-	5	3	2	...	3	21	
Wyoming	2	1	2	4	-	2	-	-	2	-	8	9	-	1	4	1	3	...	3	

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Table 1-20. Deaths by Month and State of Occurrence: United States and Each State, 1989

[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	2,153,859	198,096	182,651	193,055	174,967	175,729	165,409	169,290	168,416	165,485	178,968	178,066	205,727
Alabama	38,739	3,395	3,243	3,369	3,084	3,155	3,024	3,037	3,122	2,999	3,225	3,147	3,939
Alaska	2,093	176	167	166	156	167	190	195	204	184	157	165	166
Arizona	28,963	2,952	2,633	2,733	2,360	2,325	2,110	2,192	2,084	2,149	2,294	2,405	2,726
Arkansas	24,388	2,097	2,088	2,228	2,017	1,963	1,834	1,902	1,944	1,884	2,049	2,082	2,300
California	217,371	22,471	20,291	18,926	17,112	17,156	16,721	16,656	16,554	16,636	17,298	17,470	20,080
Colorado	21,472	1,972	1,806	1,920	1,678	1,772	1,671	1,746	1,698	1,662	1,838	1,800	1,909
Connecticut	28,190	2,534	2,281	2,572	2,325	2,307	2,063	2,248	2,251	2,162	2,398	2,341	2,708
Delaware	5,985	513	486	537	512	457	446	521	513	464	527	473	536
District of Columbia	9,648	909	803	878	797	769	752	744	825	754	790	777	850
Florida	133,807	12,149	11,253	12,654	11,109	10,939	10,076	10,352	10,316	10,150	10,867	10,842	13,100
Georgia	52,891	4,780	4,358	4,654	4,319	4,166	4,071	4,172	4,118	4,024	4,406	4,429	5,394
Hawaii	6,730	605	529	592	545	595	558	513	548	539	532	535	639
Idaho	7,186	640	565	605	589	593	629	592	565	567	604	584	653
Illinois	100,516	8,823	8,335	8,879	8,046	8,284	7,832	7,959	7,829	7,811	8,603	8,271	9,844
Indiana	49,715	4,557	4,093	4,443	3,930	4,248	3,844	3,842	3,864	3,852	4,191	4,100	4,751
Iowa	27,034	2,435	2,229	2,441	2,204	2,278	2,024	2,150	2,120	2,056	2,326	2,171	2,600
Kansas	21,647	1,966	1,876	1,971	1,747	1,735	1,641	1,623	1,661	1,645	1,898	1,799	2,085
Kentucky	34,822	3,214	2,963	3,067	2,861	2,823	2,691	2,842	2,620	2,619	2,947	2,812	3,403
Louisiana	38,032	3,361	3,201	3,319	3,091	3,092	2,977	3,005	3,128	2,912	3,118	3,010	3,818
Maine	11,169	1,046	885	954	902	878	858	929	908	858	939	930	1,082
Maryland	37,640	3,373	3,175	3,434	3,039	3,087	2,842	2,985	3,006	2,868	3,174	3,201	3,456
Massachusetts	54,520	4,994	4,527	5,090	4,635	4,333	4,233	4,215	4,306	4,025	4,560	4,438	5,164
Michigan	77,697	7,039	6,306	6,823	6,405	6,426	6,097	6,440	6,139	6,075	6,580	6,314	7,053
Minnesota	34,540	3,129	2,847	3,049	2,855	2,849	2,677	2,682	2,624	2,733	3,008	2,803	3,284
Mississippi	24,475	2,150	2,043	2,174	2,045	1,995	1,869	1,857	1,905	1,773	1,980	2,020	2,664
Missouri	51,679	4,635	4,436	4,667	4,244	4,167	4,060	4,006	3,991	3,972	4,281	4,175	5,045
Montana	6,692	576	559	567	553	515	523	543	557	556	567	540	636
Nebraska	15,040	1,441	1,311	1,303	1,294	1,181	1,123	1,172	1,174	1,194	1,290	1,208	1,349
Nevada	9,327	847	820	795	712	763	710	721	789	684	788	788	910
New Hampshire	8,351	776	702	735	749	655	662	699	667	633	682	666	725
New Jersey	69,575	6,369	5,913	6,428	5,740	5,666	5,298	5,396	5,600	5,333	5,781	5,611	6,440
New Mexico	10,490	999	861	911	836	843	831	824	837	810	839	886	1,019
New York	170,611	15,520	13,969	15,182	13,630	13,966	13,096	13,601	13,592	13,185	14,508	14,345	16,017
North Carolina	57,839	5,069	4,812	5,084	4,679	4,705	4,500	4,628	4,609	4,586	4,799	4,736	5,832
North Dakota	5,872	540	470	534	474	521	449	428	480	475	502	458	541
Ohio	98,262	9,029	8,367	8,742	7,895	8,012	7,605	7,910	7,573	7,512	8,324	8,073	9,220
Oklahoma	28,893	2,649	2,577	2,658	2,339	2,368	2,212	2,211	2,186	2,234	2,361	2,335	2,763
Oregon	25,182	2,300	2,186	2,189	2,103	2,174	2,006	1,993	1,962	1,937	2,088	2,059	2,185
Pennsylvania	124,530	11,450	10,833	11,658	10,171	10,285	9,441	9,706	9,738	9,314	10,218	10,035	11,881
Rhode Island	9,733	900	790	936	774	789	768	713	777	732	864	790	900
South Carolina	28,853	2,579	2,363	2,500	2,344	2,443	2,193	2,305	2,183	2,226	2,431	2,439	2,847
South Dakota	6,580	609	537	612	579	544	502	485	519	472	572	522	627
Tennessee	48,520	4,280	3,976	4,359	3,994	3,910	3,669	3,827	3,846	3,814	3,989	4,001	4,855
Texas	126,640	11,794	10,627	11,088	10,236	10,330	9,642	9,796	9,927	9,746	10,205	10,218	13,031
Utah	9,636	811	800	837	780	810	787	755	717	739	788	824	988
Vermont	4,690	450	383	399	380	413	379	376	360	375	357	402	416
Virginia	46,392	4,138	3,907	4,161	3,750	3,848	3,507	3,740	3,602	3,667	3,896	3,731	4,445
Washington	36,207	3,220	3,081	3,320	2,919	3,048	2,872	2,930	2,789	2,910	2,991	2,926	3,201
West Virginia	19,579	1,725	1,667	1,809	1,614	1,583	1,489	1,464	1,561	1,543	1,641	1,607	1,876
Wisconsin	42,354	3,819	3,485	3,855	3,549	3,538	3,147	3,417	3,284	3,198	3,641	3,534	3,887
Wyoming	3,062	291	236	248	266	260	248	245	244	237	256	238	293

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Table 1-21. Deaths by Month, Race, and Sex: United States and Each State, 1989—Con.
(Page 8 of 8)

Area, race, and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
West Virginia	19,558	1,731	1,695	1,826	1,603	1,592	1,458	1,504	1,572	1,517	1,632	1,590	1,838
Male	10,272	871	897	927	826	840	786	806	806	815	874	838	986
Female	9,286	860	798	899	777	752	672	698	766	702	758	752	852
White	18,773	1,658	1,623	1,769	1,543	1,517	1,406	1,444	1,508	1,452	1,569	1,520	1,764
Male	9,862	840	864	901	794	798	757	771	770	779	839	811	938
Female	8,911	818	759	868	749	719	649	673	738	673	730	709	826
All other	785	73	72	57	60	75	52	60	64	65	63	70	74
Male	410	31	33	26	32	42	29	35	36	36	35	27	48
Female	375	42	39	31	28	33	23	25	28	29	28	43	26
Black	771	72	72	55	57	74	51	60	62	65	62	67	74
Male	405	31	33	25	32	42	29	35	35	36	34	25	48
Female	366	41	39	30	25	32	22	25	27	29	28	42	26
Wisconsin	42,355	3,862	3,489	3,895	3,551	3,542	3,148	3,350	3,245	3,159	3,664	3,535	3,915
Male	21,529	1,942	1,689	1,956	1,807	1,797	1,600	1,733	1,717	1,629	1,893	1,807	1,959
Female	20,826	1,920	1,800	1,939	1,744	1,745	1,548	1,617	1,528	1,530	1,771	1,728	1,956
White	40,801	3,712	3,350	3,764	3,425	3,407	3,050	3,235	3,107	3,050	3,523	3,415	3,763
Male	20,655	1,879	1,611	1,878	1,741	1,721	1,543	1,662	1,624	1,578	1,802	1,734	1,882
Female	20,146	1,833	1,739	1,886	1,684	1,686	1,507	1,573	1,483	1,472	1,721	1,681	1,881
All other	1,554	150	139	131	126	135	98	115	138	109	141	120	152
Male	874	63	78	78	66	76	57	71	93	51	91	73	77
Female	680	87	61	53	60	59	41	44	45	58	50	47	75
Black	1,265	117	106	111	102	120	81	89	118	93	114	89	125
Male	708	46	59	70	49	68	44	57	81	44	72	54	64
Female	557	71	47	41	53	52	37	32	37	49	42	35	61
Wyoming	3,254	313	278	275	287	276	250	254	261	243	262	256	299
Male	1,737	156	161	145	145	149	130	135	144	132	145	137	158
Female	1,517	157	117	130	142	127	120	119	117	111	117	119	141
White	3,175	306	272	270	283	267	242	247	254	235	256	249	294
Male	1,697	152	157	143	142	146	127	132	138	128	143	133	156
Female	1,478	154	115	127	141	121	115	115	116	107	113	116	138
All other	79	7	6	5	4	9	8	7	7	8	6	7	5
Male	40	4	4	2	3	3	3	3	6	4	2	4	2
Female	39	3	2	3	1	6	5	4	1	4	4	3	3
Black	11	2	2	-	3	1	-	1	1	-	-	-	1
Male	8	1	1	-	3	-	-	1	1	-	-	-	1
Female	3	1	1	-	-	1	-	-	-	-	-	-	-

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Table 1-22. Deaths by Specified Race or National Origin and Sex: United States and Each State, 1989
(Page 1 of 2)

Area	All races			White			Black			American Indian †			Chinese		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
United States	2,150,466	1,114,190	1,036,276	1,853,841	950,852	902,989	267,642	146,393	121,249	8,614	5,066	3,548	5,032	2,895	2,137
Alabama	39,006	20,497	18,509	28,528	14,973	13,555	10,441	5,502	4,939	11	7	4	3	1	2
Alaska	2,095	1,329	766	1,445	918	527	55	30	25	555	358	197	4	2	2
Arizona	28,212	15,528	12,684	26,203	14,342	11,861	761	437	324	1,145	683	462	32	22	10
Arkansas	24,647	13,113	11,534	20,553	10,918	9,635	4,052	2,174	1,878	17	9	8	3	3	-
California	216,619	113,434	103,185	189,464	98,002	91,462	17,713	9,899	7,814	652	363	289	2,547	1,417	1,130
Colorado	21,144	11,094	10,050	20,202	10,575	9,627	745	416	329	72	44	28	3	1	2
Connecticut	28,243	14,190	14,053	26,251	13,023	13,228	1,887	1,105	782	19	11	8	21	12	9
Delaware	5,843	2,968	2,875	4,840	2,420	2,420	537	324	447	11	7	4	1	1	-
District of Columbia	7,649	4,238	3,411	1,750	875	875	5,869	3,347	2,522	6	3	3	4	3	1
Florida	132,765	72,162	60,603	117,737	63,705	54,032	14,708	8,261	6,447	79	48	31	60	40	20
Georgia	52,258	27,455	24,803	37,225	19,449	17,776	14,899	7,932	6,967	15	8	7	11	7	4
Hawaii	6,502	3,800	2,702	2,011	1,163	848	41	28	13	12	6	6	423	239	184
Idaho	7,468	4,074	3,394	7,356	4,005	3,351	6	5	1	83	52	31	6	3	3
Illinois	103,366	52,658	50,708	86,835	43,504	43,331	15,966	8,831	7,135	43	24	19	102	50	52
Indiana	49,094	24,765	24,309	45,164	22,706	22,458	2,047	1,203	823	19	12	7	5	4	1
Iowa	27,195	13,413	13,782	26,820	13,222	13,598	308	159	149	85	16	19	2	1	1
Kansas	22,287	11,004	11,283	21,050	10,359	10,691	1,070	553	517	119	63	56	8	4	4
Kentucky	35,398	18,454	16,944	32,751	17,043	15,708	2,596	1,388	1,208	11	7	4	4	3	1
Louisiana	37,685	19,677	17,988	25,397	13,184	12,213	12,144	6,424	5,720	30	16	14	10	7	3
Maine	11,185	5,675	5,510	11,146	5,655	5,491	5	3	2	27	14	13	1	1	-
Maryland	38,353	19,758	18,595	28,853	14,353	14,500	9,218	5,237	3,981	33	23	10	48	28	20
Massachusetts	53,922	26,167	27,755	51,716	24,937	26,779	1,915	1,067	848	32	20	12	136	73	63
Michigan	78,861	40,755	38,105	66,358	33,809	32,549	11,975	6,647	5,328	340	200	140	47	29	18
Minnesota	34,307	17,489	16,818	33,474	17,017	16,457	445	263	182	280	154	126	19	8	11
Mississippi	25,386	13,446	11,940	16,449	8,756	7,693	8,847	4,642	4,205	55	31	24	12	6	6
Missouri	50,426	25,563	24,863	44,910	22,634	22,276	5,318	2,820	2,498	87	50	37	11	5	6
Montana	6,755	3,671	3,084	6,431	3,471	2,960	12	7	5	301	188	115	3	2	1
Nebraska	14,800	7,472	7,328	14,292	7,201	7,091	378	198	180	104	61	43	7	5	2
Nevada	8,649	5,031	3,618	7,941	4,618	3,323	518	302	216	112	66	46	14	10	4
New Hampshire	8,472	4,243	4,229	8,444	4,227	4,217	19	12	7	1	-	1	3	1	2
New Jersey	71,455	35,906	35,549	61,917	30,556	31,361	9,112	5,107	4,005	31	17	14	83	45	38
New Mexico	10,572	5,844	4,728	9,616	5,268	4,348	191	102	89	736	460	276	6	4	2
New York	171,679	87,182	84,497	144,701	72,072	72,629	25,195	14,019	11,176	159	85	74	947	589	358
North Carolina	57,477	30,333	27,144	43,263	22,576	20,687	13,695	7,455	6,240	459	274	185	10	8	2
North Dakota	5,510	2,994	2,516	5,346	2,891	2,455	6	5	1	153	94	59	-	-	-
Ohio	98,375	49,559	48,816	87,717	43,787	43,930	10,453	5,662	4,791	64	37	27	19	13	6
Oklahoma	29,816	15,358	14,458	26,637	13,645	12,992	2,026	1,064	962	1,107	630	477	7	1	6
Oregon	24,918	13,009	11,909	24,187	12,597	11,590	354	211	143	166	83	83	55	35	20
Pennsylvania	123,711	62,276	61,435	111,275	55,593	55,682	12,082	6,467	5,615	39	26	13	74	50	24
Rhode Island	9,557	4,723	4,834	9,206	4,512	4,694	288	172	116	26	17	9	4	3	1
South Carolina	29,618	15,840	13,778	20,060	10,677	9,383	9,497	5,131	4,366	20	9	11	4	1	3
South Dakota	6,549	3,485	3,064	6,107	3,225	2,882	5	3	2	427	252	175	4	3	1
Tennessee	45,452	24,041	21,411	37,652	19,887	17,765	7,736	4,122	3,614	15	9	6	8	4	4
Texas	124,878	66,670	58,208	107,501	57,052	50,449	16,773	9,258	7,515	53	38	15	127	75	52
Utah	9,239	4,812	4,427	8,972	4,669	4,303	83	43	40	92	56	36	10	5	5
Vermont	4,586	2,361	2,225	4,578	2,356	2,222	6	4	2	-	-	-	-	-	-
Virginia	47,172	24,457	22,715	36,451	18,667	17,784	10,466	5,643	4,823	49	25	24	43	27	16
Washington	36,163	18,658	17,505	34,310	17,544	16,766	862	531	331	432	255	177	72	40	32
West Virginia	19,558	10,272	9,286	18,773	9,862	8,911	771	405	366	7	3	4	-	-	-
Wisconsin	42,355	21,529	20,826	40,801	20,655	20,146	1,265	708	557	210	123	87	8	4	4
Wyoming	3,254	1,737	1,517	3,175	1,697	1,478	11	8	3	63	31	32	1	-	1

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Table 1-22. Deaths by Specified Race or National Origin and Sex: United States and Each State, 1989—Con.
(Page 2 of 2)

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	3,988	1,998	1,990	1,206	691	515	4,082	2,801	1,281	5,734	3,303	2,431	327	191	136
Alabama	-	-	-	-	-	-	4	3	1	19	11	8	-	-	-
Alaska	6	1	5	-	-	-	19	13	6	11	7	4	-	-	-
Arizona	20	9	11	1	1	-	15	13	2	34	20	14	1	1	-
Arkansas	4	-	4	-	-	-	2	-	2	16	9	7	-	-	-
California	1,560	780	780	76	43	33	2,413	1,634	779	2,128	1,255	873	66	41	25
Colorado	29	13	16	-	-	-	12	5	7	80	39	41	1	1	-
Connecticut	6	4	2	1	1	-	5	4	1	7	4	3	46	26	20
Delaware	1	-	1	-	-	-	1	1	-	4	2	2	1	-	1
District of Columbia	3	-	3	-	-	-	1	-	1	9	5	4	7	5	2
Florida	14	5	9	1	1	-	40	29	11	112	66	46	14	7	7
Georgia	6	1	5	2	-	2	4	3	1	94	53	41	2	2	-
Hawaii	1,822	974	848	1,063	610	453	890	649	241	240	131	109	-	-	-
Idaho	13	7	6	-	-	-	2	2	-	2	-	2	-	-	-
Illinois	72	40	32	2	1	1	62	40	22	277	163	114	7	5	2
Indiana	6	3	3	-	-	-	4	3	1	24	10	14	2	-	2
Iowa	1	-	1	-	-	-	4	2	2	25	13	12	-	-	-
Kansas	1	-	1	1	-	1	2	1	1	35	23	12	1	1	-
Kentucky	4	-	4	1	1	-	2	2	-	28	10	18	1	-	1
Louisiana	8	3	5	2	2	-	10	8	2	52	26	26	12	7	5
Maine	1	-	1	-	-	-	-	-	-	5	2	3	-	-	-
Maryland	6	2	4	1	1	-	26	18	8	161	91	70	7	5	2
Massachusetts	11	6	5	4	1	3	11	6	5	89	53	36	8	4	4
Michigan	14	4	10	2	1	1	39	24	15	84	40	44	2	2	-
Minnesota	7	4	3	-	-	-	5	2	3	77	41	36	-	-	-
Mississippi	5	1	4	-	-	-	1	-	1	15	8	7	2	2	-
Missouri	7	1	6	5	2	3	9	7	2	52	24	28	27	20	7
Montana	3	1	2	-	-	-	-	-	-	5	4	1	-	-	-
Nebraska	7	3	4	-	-	-	2	-	2	8	3	5	2	1	1
Nevada	8	2	6	-	-	-	26	20	6	24	11	13	6	2	4
New Hampshire	-	-	-	-	-	-	-	-	-	5	3	2	-	-	-
New Jersey	23	8	15	2	2	-	59	31	28	186	115	71	42	25	17
New Mexico	7	1	6	1	1	-	4	1	3	9	6	3	2	1	1
New York	33	14	19	2	1	1	100	63	37	510	324	186	32	15	17
North Carolina	5	2	3	1	1	-	8	1	7	32	15	17	4	1	3
North Dakota	2	1	1	-	-	-	2	2	-	1	1	-	-	-	-
Ohio	16	8	8	1	1	-	10	7	3	92	43	49	3	1	2
Oklahoma	6	1	5	2	-	2	1	1	-	30	16	14	-	-	-
Oregon	48	19	29	13	6	7	27	20	7	63	36	27	5	2	3
Pennsylvania	11	4	7	4	2	2	35	26	9	185	105	80	6	3	3
Rhode Island	-	-	-	1	1	-	-	-	-	32	18	14	-	-	-
South Carolina	1	-	1	2	2	-	9	3	6	25	17	8	-	-	-
South Dakota	-	-	-	1	1	-	1	-	1	4	1	3	-	-	-
Tennessee	2	-	2	1	1	-	2	2	-	36	16	20	-	-	-
Texas	35	13	22	3	3	-	58	35	23	321	192	129	7	4	3
Utah	33	15	18	-	-	-	5	2	3	43	22	21	1	-	1
Vermont	-	-	-	-	-	-	-	-	-	2	1	1	-	-	-
Virginia	11	2	9	1	-	1	30	23	7	112	64	48	9	6	3
Washington	97	42	55	9	4	5	108	87	21	273	155	118	-	-	-
West Virginia	1	-	1	-	-	-	3	1	2	3	1	2	-	-	-
Wisconsin	11	4	7	-	-	-	7	6	1	52	28	24	1	1	-
Wyoming	1	-	1	-	-	-	2	1	1	1	-	1	-	-	-

1 Includes deaths among Aleuts and Eskimos.

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989

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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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
All causes	2,150,466	1,114,190	1,036,276	950,852	902,989	163,338	133,287	146,393	121,249
I. Infectious and parasitic diseases (001-139)									
Intestinal infectious diseases (001-009)	463	231	232	168	177	63	55	53	51
Cholera (001)	-	-	-	-	-	-	-	-	-
Due to <i>Vibrio cholerae</i> (001.0)	-	-	-	-	-	-	-	-	-
Due to <i>Vibrio cholerae</i> el tor (001.1)	-	-	-	-	-	-	-	-	-
Unspecified (001.9)	-	-	-	-	-	-	-	-	-
Typhoid and paratyphoid fevers (002)	1	1	-	1	-	-	-	-	-
Typhoid fever (002.0)	-	-	-	-	-	-	-	-	-
Paratyphoid fever A (002.1)	1	1	-	1	-	-	-	-	-
Paratyphoid fever B (002.2)	-	-	-	-	-	-	-	-	-
Paratyphoid fever C (002.3)	-	-	-	-	-	-	-	-	-
Paratyphoid fever, unspecified (002.9)	-	-	-	-	-	-	-	-	-
Other salmonella infections (003)	98	47	51	40	37	7	14	5	14
Salmonella gastroenteritis (003.0)	33	10	23	10	15	-	8	-	8
Salmonella septicemia (003.1)	50	28	22	23	17	5	5	4	5
Localized salmonella infections (003.2)	7	6	1	5	1	1	-	1	-
Other (003.8)	-	-	-	-	-	-	-	-	-
Unspecified (003.9)	8	3	5	2	4	1	1	-	1
Shigellosis (004)	16	5	11	3	6	2	5	1	4
Shigella dysenteriae (004.0)	2	1	1	1	-	-	1	-	1
Shigella flexneri (004.1)	-	-	-	-	-	-	-	-	-
Shigella boydii (004.2)	-	-	-	-	-	-	-	-	-
Shigella sonnei (004.3)	1	-	1	-	1	-	-	-	-
Other (004.8)	-	-	-	-	-	-	-	-	-
Unspecified (004.9)	13	4	9	2	5	2	4	1	3
Other food poisoning (bacterial) (005)	5	2	3	1	2	1	1	-	1
Staphylococcal food poisoning (005.0)	-	-	-	-	-	-	-	-	-
Botulism (005.1)	2	1	1	-	1	1	-	-	-
Food poisoning due to <i>Clostridium perfringens</i> (<i>C. welchii</i>) (005.2)	1	1	-	1	-	-	-	-	-
Food poisoning due to other <i>Clostridia</i> (005.3)	-	-	-	-	-	-	-	-	-
Food poisoning due to <i>Vibrio parahaemolyticus</i> (005.4)	-	-	-	-	-	-	-	-	-
Other bacterial food poisoning (005.8)	1	-	1	-	-	-	1	-	1
Food poisoning, unspecified (005.9)	1	-	1	-	1	-	-	-	-
Amebiasis (006)	4	4	-	3	-	1	-	1	-
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)	3	3	-	2	-	1	-	1	-
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)	1	1	-	1	-	-	-	-	-
Other protozoal intestinal diseases (007)	6	4	2	2	2	2	-	1	-
Balantidiasis (007.0)	-	-	-	-	-	-	-	-	-
Giardiasis (007.1)	-	-	-	-	-	-	-	-	-
Coccidiosis (007.2)	6	4	2	2	2	2	-	1	-
Intestinal trichomoniasis (007.3)	-	-	-	-	-	-	-	-	-
Other protozoal intestinal diseases (007.8)	-	-	-	-	-	-	-	-	-
Unspecified (007.9)	-	-	-	-	-	-	-	-	-
Intestinal infections due to other organisms (008)	168	72	96	64	84	8	12	7	12
Escherichia coli (008.0)	1	-	1	-	1	-	-	-	-
Arizona (008.1)	-	-	-	-	-	-	-	-	-
Aerobacter aerogenes (008.2)	1	1	-	-	-	1	-	1	-
Proteus (<i>mirabilis</i>) (<i>morganii</i>) (008.3)	-	-	-	-	-	-	-	-	-
Other specified bacteria (008.4)	74	36	38	32	33	4	5	3	5
Bacterial enteritis, unspecified (008.5)	9	4	5	4	5	-	-	-	-
Enteritis due to specified virus (008.6)	3	3	-	2	-	1	-	1	-
Other organism, not elsewhere classified (008.8)	80	28	52	26	45	2	7	2	7
Ill-defined intestinal infections (009)	165	96	69	54	46	42	23	38	20
Infectious colitis, enteritis, and gastroenteritis (009.0)	161	93	68	52	45	41	23	37	20
Infectious diarrhea (009.2)	4	3	1	2	1	1	-	1	-
Tuberculosis (010-018)	1,970	1,284	686	724	428	560	258	485	222
Primary tuberculous infection (010)	1	-	1	-	1	-	-	-	-
Primary tuberculous complex (010.0)	-	-	-	-	-	-	-	-	-
Tuberculous pleurisy in primary progressive tuberculosis (010.1)	-	-	-	-	-	-	-	-	-
Other primary progressive tuberculosis (010.8)	-	-	-	-	-	-	-	-	-
Unspecified (010.9)	1	-	1	-	1	-	-	-	-
Pulmonary tuberculosis (011)	1,514	1,026	488	595	322	431	166	376	146
Tuberculosis of lung, infiltrative (011.0)	-	-	-	-	-	-	-	-	-
Tuberculosis of lung, nodular (011.1)	-	-	-	-	-	-	-	-	-
Tuberculosis of lung with cavitation (011.2)	47	33	14	20	11	13	3	10	3
Tuberculosis of bronchus (011.3)	25	10	15	8	14	2	1	2	1
Tuberculous fibrosis of lung (011.4)	59	26	33	14	28	12	5	10	2
Tuberculous bronchiectasis (011.5)	23	8	15	6	14	2	1	-	-
Tuberculous pneumonia, any form (011.6)	188	122	66	73	41	49	25	44	24
Tuberculous pneumothorax (011.7)	12	9	3	5	2	4	1	4	1
Other pulmonary tuberculosis (011.8)	1	1	-	1	-	-	-	-	-
Unspecified (011.9)	1,159	817	342	468	212	349	130	306	115
Other respiratory tuberculosis (012)	21	16	5	5	4	11	1	10	1
Tuberculous pleurisy (012.0)	20	15	5	4	4	11	1	10	1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Leprosy-Con.									
Other (030.8)	-	-	-	-	-	-	-	-	-
Unspecified (030.9)	3	-	3	-	2	-	1	-	-
Diseases due to other mycobacteria (031)	292	196	96	157	86	39	10	32	9
Pulmonary (031.0)	205	137	68	118	63	19	5	15	5
Cutaneous (031.1)	-	-	-	-	-	-	-	-	-
Other (031.8)	3	2	1	1	1	1	-	-	-
Unspecified (031.9)	84	57	27	38	22	19	5	17	4
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)	12	4	8	3	7	1	1	1	1
Bordetella pertussis (B. pertussis) (033.0)	-	-	-	-	-	-	-	-	-
Bordetella parapertussis (B. parapertussis) (033.1)	-	-	-	-	-	-	-	-	-
Other specified organism (033.8)	-	-	-	-	-	-	-	-	-
Whooping cough, unspecified organism (033.9)	12	4	8	3	7	1	1	1	1
Streptococcal sore throat and scarlatina (034)	12	5	7	4	7	1	-	1	-
Streptococcal sore throat (034.0)	9	4	5	3	5	1	-	1	-
Scarlatina (034.1)	3	1	2	1	2	-	-	-	-
Erysipelas (035)	5	1	4	1	4	-	-	-	-
Meningococcal infection (036)	273	127	146	103	111	24	35	22	28
Meningococcal meningitis (036.0)	88	42	46	31	35	11	11	10	9
Meningococcal encephalitis (036.1)	3	-	1	2	1	-	-	-	-
Meningococemia (036.2)	137	60	77	52	61	8	16	8	11
Waterhouse-Friderichsen syndrome, meningococcal (036.3)	42	21	21	16	13	5	8	4	8
Meningococcal carditis (036.4)	-	-	-	-	-	-	-	-	-
Other (036.8)	-	-	-	-	-	-	-	-	-
Unspecified (036.9)	3	2	1	2	1	-	-	-	-
Tetanus (037)	9	3	6	2	5	1	1	1	1
Septicemia (038)	19,333	8,489	10,844	6,728	8,829	1,761	2,015	1,643	1,912
Streptococcal septicemia (038.0)	258	114	144	85	118	29	28	26	24
Staphylococcal septicemia (038.1)	1,120	555	565	443	469	112	96	100	88
Pneumococcal septicemia (038.2)	194	103	91	76	68	27	23	23	20
Septicemia due to anaerobes (038.3)	52	18	34	16	27	2	7	2	7
Septicemia due to other gram-negative organisms (038.4)	1,225	568	657	442	527	126	130	116	124
Other specified septicemias (038.8)	105	56	49	41	39	15	10	14	9
Unspecified septicemia (038.9)	16,379	7,075	9,304	5,625	7,581	1,450	1,723	1,362	1,640
Actinomycotic infections (039)	62	37	25	34	24	3	1	3	-
Cutaneous (039.0)	-	-	-	-	-	-	-	-	-
Pulmonary (039.1)	32	18	14	17	14	1	-	1	-
Abdominal (039.2)	-	-	-	-	-	-	-	-	-
Cervicofacial (039.3)	-	-	-	-	-	-	-	-	-
Madura foot (039.4)	-	-	-	-	-	-	-	-	-
Of other specified sites (039.8)	6	4	2	3	1	1	1	1	-
Of unspecified site (039.9)	24	15	9	14	9	1	-	1	-
Other bacterial diseases (040)	128	56	72	46	60	10	12	9	12
Gas gangrene (040.0)	86	43	43	34	32	9	11	8	11
Rhinoscleroma (040.1)	-	-	-	-	-	-	-	-	-
Whipple's disease (040.2)	2	2	-	2	-	-	-	-	-
Necrobacillosis (040.3)	-	-	-	-	-	-	-	-	-
Other bacterial diseases (040.8)	40	11	29	10	28	1	1	1	1
Bacterial infection of unspecified site (041)	313	162	151	134	123	28	28	27	28
Streptococcus (041.0)	29	17	12	16	12	1	-	-	-
Staphylococcus (041.1)	101	52	49	40	41	12	8	12	8
Pneumococcus (041.2)	7	5	2	4	-	1	2	1	2
Friedlander's bacillus (041.3)	4	2	2	2	2	-	-	-	-
Escherichia coli (041.4)	13	5	8	3	7	2	1	2	1
Hemophilus influenzae (H. influenzae) (041.5)	20	12	8	11	5	1	3	1	3
Proteus (mirabilis) (morganii) (041.6)	6	3	3	3	3	-	-	-	-
Pseudomonas (041.7)	50	25	25	21	23	4	2	4	2
Other (041.8)	32	16	16	14	11	2	5	2	5
Bacterial infection, unspecified (041.9)	51	25	26	20	19	5	7	5	7
Human immunodeficiency virus infection (*042-*044)	22,082	19,758	2,324	14,114	981	5,644	1,343	5,475	1,320
Human immunodeficiency virus infection with specified conditions (*042)	21,452	19,224	2,228	13,766	930	5,458	1,298	5,292	1,275
With specified infections (*042.0)	5,890	5,250	640	3,704	279	1,546	361	1,480	353
Causing other specified infections (*042.1)	4,668	4,193	475	2,945	182	1,248	293	1,216	289
With specified malignant neoplasms (*042.2)	1,974	1,941	33	1,707	22	234	11	217	10
Acquired immunodeficiency syndrome, unspecified (*042.9)	8,920	7,840	1,080	5,410	447	2,430	633	2,379	623
Human immunodeficiency virus infection causing other specified conditions (*043)	176	159	17	118	8	41	9	40	9
Causing lymphadenopathy (*043.0)	-	-	-	-	-	-	-	-	-
Causing specified diseases of the central nervous system (*043.1)	69	62	7	46	2	16	5	15	5
Causing other disorders involving the immune mechanism (*043.2)	5	5	-	2	-	3	-	3	-
Causing other specified conditions (*043.3)	61	54	7	40	4	14	3	14	3
Acquired immunodeficiency syndrome-related complex, unspecified (*043.9)	41	38	3	30	2	8	1	8	1
Other human immunodeficiency virus infection (*044)	454	375	79	230	43	145	36	143	36
Causing specified acute infections (*044.0)	-	-	-	-	-	-	-	-	-
Human immunodeficiency virus infection, unspecified (*044.9)	454	375	79	230	43	145	36	143	36

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	.	0.2	.
Pulmonary (031.0)	.1	.1	.1	.1	.1	.	.	.	.
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 (032.6)	.	.	.	.	.	.	.	.	.
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	.1	0.2	.2	0.2
Meningococcal meningitis (036.0)	.0	.0	.0	.0	.0	.	.	.	.
Meningococcal encephalitis (036.1)	.	.	.	.	.	.	.	.	.
Meningococemia (036.2)	.1	.0	.1	.1	.1	.	.	.	.
Waterhouse-Friderichsen syndrome, meningococcal (036.3)	.0	.0	.0	.	.	.	.	.	.
Meningococcal carditis (036.4)	.	.	.	.	.	.	.	.	.
Other (036.8)	.	.	.	.	.	.	.	.	.
Unspecified (036.9)	.	.	.	.	.	.	.	.	.
Tetanus (037)	.	.	.	.	.	.	.	.	.
Septicemia (038)	7.8	7.0	8.5	6.6	8.3	9.4	9.8	11.3	11.9
Streptococcal septicemia (038.0)	.1	.1	.1	.1	.1	.2	.1	.2	.1
Staphylococcal septicemia (038.1)	.5	.5	.4	.4	.4	.6	.5	.7	.5
Pneumococcal septicemia (038.2)	.1	.1	.1	.1	.1	.1	.1	.2	.1
Septicemia due to anaerobes (038.3)	.	.0	.	.	.0	.	.	.	.
Septicemia due to other gram-negative organisms (038.4)	.5	.5	.5	.4	.5	.7	.6	.8	.8
Other specified septicemias (038.6)	.0	.0	.0	.0	.0	.	.	.	.
Unspecified septicemia (038.9)	6.6	5.8	7.3	5.5	7.1	7.7	8.4	9.4	10.2
Actinomycotic infections (039)	.0	.0	.0	.0	.0	.	.	.	.
Cutaneous (039.0)	.	.	.	.	.	.	.	.	.
Pulmonary (039.1)	.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	.0	.1	.0	.1	.	.	.	.
Gas gangrene (040.0)	.0	.0	.0	.0	.0	.	.	.	.
Rhinocleroma (040.1)	.	.	.	.	.	.	.	.	.
Whipple's disease (040.2)	.	.	.	.	.	.	.	.	.
Necrobacillosis (040.3)	.	.	.	.	.	.	.	.	.
Other bacterial diseases (040.8)	.0	.	.0	.	.0	.	.	.	.
Bacterial infection of unspecified site (041)	.1	.1	.1	.1	.1	.1	.1	.2	.2
Streptococcus (041.0)	.0	.	.	.	.	.	.	.	.
Staphylococcus (041.1)	.0	.0	.0	.0	.0	.	.	.	.
Pneumococcus (041.2)	.	.	.	.	.	.	.	.	.
Friedlander's bacillus (041.3)	.	.	.	.	.	.	.	.	.
Escherichia coli (041.4)	.	.	.	.	.	.	.	.	.
Hemophilus influenzae (H. influenzae) (041.5)	.0	.	.	.	.	.	.	.	.
Proteus (mirabilis) (morganii) (041.6)	.	.	.	.	.	.	.	.	.
Pseudomonas (041.7)	.0	.0	.0	.0	.0	.	.	.	.
Other (041.8)	.0	.	.	.	.	.	.	.	.
Bacterial infection, unspecified (041.9)	.0	.0	.0	.0	.	.	.	.	.
Human immunodeficiency virus infection (*042-*044)	8.9	16.3	1.8	13.8	.9	30.1	6.5	37.6	8.2
Human immunodeficiency virus infection with specified conditions (*042)	8.6	15.9	1.8	13.5	.9	29.1	6.3	36.4	7.9
With specified infections (*042.0)	2.4	4.3	.5	3.6	.3	8.2	1.8	10.2	2.2
Causing other specified infections (*042.1)	1.9	3.5	.4	2.9	.2	6.7	1.4	8.4	1.8
With specified malignant neoplasms (*042.2)	.8	1.6	.0	1.7	.0	1.2	.	1.5	.
Acquired immunodeficiency syndrome, unspecified (*042.9)	3.6	6.5	.8	5.3	.4	13.0	3.1	16.4	3.9
Human immunodeficiency virus infection causing other specified conditions (*043)	.1	.1	.	.1	.	.2	.	.3	.
Causing lymphadenopathy (*043.0)	.	.	.	.	.	.	.	.	.
Causing specified diseases of the central nervous system (*043.1)	.0	.1	.	.0	.	.	.	.	.
Causing other disorders involving the immune mechanism (*043.2)	.	.	.	.	.	.	.	.	.
Causing other specified conditions (*043.3)	.0	.0	.	.0	.	.	.	.	.
Acquired immunodeficiency syndrome-related complex, unspecified (*043.9)	.0	.0	.	.0	.	.	.	.	.
Other human immunodeficiency virus infection (*044)	.2	.3	.1	.2	.0	.8	.2	1.0	.2
Causing specified acute infections (*044.0)	.	.	.	.	.	.	.	.	.
Human immunodeficiency virus infection, unspecified (*044.9)	.2	.3	.1	.2	.0	.8	.2	1.0	.2

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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 I]

Cause of death	Number								
	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	2,212	1,274	938	1,063	767	211	171	142	139
Viral hepatitis (070)	1,516	906	610	744	488	162	122	106	100
Viral hepatitis A with hepatic coma (070.0)	6	4	2	3	2	1	-	1	-
Viral hepatitis A without mention of hepatic coma (070.1)	82	40	42	34	37	6	5	4	5
Viral hepatitis B with hepatic coma (070.2)	65	43	22	35	18	8	4	5	3
Viral hepatitis B without mention of hepatic coma (070.3)	646	454	192	357	139	97	53	57	37
Other specified viral hepatitis with hepatic coma (070.4)	1	1	-	1	-	-	-	-	-
Other specified viral hepatitis without mention of hepatic coma (070.5)	7	2	5	2	5	-	-	-	-
Unspecified viral hepatitis with hepatic coma (070.6)	52	22	30	19	25	3	5	3	5
Unspecified viral hepatitis without mention of hepatic coma (070.9)	657	340	317	293	262	47	55	36	50
Rabies (071)	1	1	-	1	-	-	-	-	-
Mumps (072)	3	2	1	1	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)	3	2	1	1	1	1	-	1	-
Ornithosis (073)	1	1	-	1	-	-	-	-	-
Specific diseases due to Coxsackie virus (074)	5	3	2	2	1	1	1	-	1
Herpangina (074.0)	-	-	-	-	-	-	-	-	-
Epidemic pleurodynia (074.1)	-	-	-	-	-	-	-	-	-
Coxsackie carditis (074.2)	5	3	2	2	1	1	1	-	1
Hand, foot, and mouth disease (074.3)	-	-	-	-	-	-	-	-	-
Other (074.8)	-	-	-	-	-	-	-	-	-
Infectious mononucleosis (075)	20	12	8	10	7	2	1	2	1
Trachoma (076)	1	-	1	-	-	-	1	-	1
Initial stage (076.0)	-	-	-	-	-	-	-	-	-
Active stage (076.1)	-	-	-	-	-	-	-	-	-
Unspecified (076.9)	1	-	1	-	-	-	1	-	1
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)	340	208	132	185	114	23	18	19	13
Molluscum contagiosum (078.0)	-	-	-	-	-	-	-	-	-
Viral warts (078.1)	-	-	-	-	-	-	-	-	-
Sweating fever (078.2)	-	-	-	-	-	-	-	-	-
Cat-scratch disease (078.3)	1	-	1	-	1	-	-	-	-
Foot and mouth disease (078.4)	-	-	-	-	-	-	-	-	-
Cytomegalic inclusion disease (078.5)	261	179	82	161	68	18	14	15	11
Hemorrhagic nephrosonephritis (078.6)	-	-	-	-	-	-	-	-	-
Arenaviral hemorrhagic fever (078.7)	-	-	-	-	-	-	-	-	-
Other (078.8)	78	29	49	24	45	5	4	4	2
Viral infection of unspecified site (079)	325	141	184	119	156	22	28	14	23
Adenovirus (079.0)	3	1	2	1	2	-	-	-	-
ECHO virus (079.1)	-	-	-	-	-	-	-	-	-
Coxsackie virus (079.2)	5	2	3	2	3	-	-	-	-
Rhinovirus (079.3)	-	-	-	-	-	-	-	-	-
Other (079.8)	20	15	5	10	3	5	2	5	2
Unspecified (079.9)	297	123	174	106	148	17	26	9	21

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	0.7	1.0	0.7	1.1	0.8	1.0	0.9
Viral hepatitis (070)	.6	.7	.5	.7	.5	.9	.6	.7	.6
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	.3	.1	.5	.3	.4	.2
Other specified viral hepatitis with hepatic coma (070.4)
Other specified viral hepatitis without mention of hepatic coma (070.5)
Unspecified viral hepatitis with hepatic coma (070.6)	.0	.0	.0	.0	.0	.	.	.	.
Unspecified viral hepatitis without mention of hepatic coma (070.9)	.3	.3	.2	.3	.2	.3	.3	.2	.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)	.0	.	.	.	.	.	.	.	.
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	.1	.	.	.
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	.2	.1	.	.	.	.
Hemorrhagic nephrosonephritis (078.6)
Arenaviral hemorrhagic fever (078.7)	.0	.0	.0	.0	.0	.	.	.	.
Other (078.8)
Viral infection of unspecified site (079)	.1	.1	.1	.1	.1	.1	.1	.	.1
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	.1	.	.1	.	.1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Rickettsioses and other arthropod-borne diseases (080-088)	29	17	12	15	8	2	4	2	3
Louse-borne (epidemic) typhus (080)	-	-	-	-	-	-	-	-	-
Other typhus (081)	1	1	-	1	-	-	-	-	-
Murine (endemic) typhus (081.0)	1	1	-	1	-	-	-	-	-
Brill's disease (081.1)	-	-	-	-	-	-	-	-	-
Scrub typhus (081.2)	-	-	-	-	-	-	-	-	-
Unspecified (081.9)	-	-	-	-	-	-	-	-	-
Tick-borne rickettsioses (082)	10	5	5	5	3	-	2	-	2
Spotted fevers (082.0)	10	5	5	5	3	-	2	-	2
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)	11	7	4	6	2	1	2	1	1
Falciparum malaria (malignant tertian) (084.0)	5	3	2	3	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)	6	4	2	3	1	1	1	1	1
Induced malaria (084.7)	-	-	-	-	-	-	-	-	-
Blackwater fever (084.8)	-	-	-	-	-	-	-	-	-
Other pernicious complications of malaria (084.9)	-	-	-	-	-	-	-	-	-
Leishmaniasis (085)	1	1	-	-	-	1	-	1	-
Visceral (kala-azar) (085.0)	1	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)	1	1	-	1	-	-	-	-	-
Chagas' disease with heart involvement (086.0)	-	-	-	-	-	-	-	-	-
Chagas' disease with other organ involvement (086.1)	-	-	-	-	-	-	-	-	-
Chagas' disease without mention of organ involvement (086.2)	1	1	-	1	-	-	-	-	-
Gambian trypanosomiasis (086.3)	-	-	-	-	-	-	-	-	-
Rhodesian trypanosomiasis (086.4)	-	-	-	-	-	-	-	-	-
African trypanosomiasis, unspecified (086.5)	-	-	-	-	-	-	-	-	-
Unspecified (086.9)	-	-	-	-	-	-	-	-	-
Relapsing fever (087)	3	1	2	1	2	-	-	-	-
Louse-borne (087.0)	-	-	-	-	-	-	-	-	-
Tick-borne (087.1)	1	-	1	-	1	-	-	-	-
Unspecified (087.9)	2	1	1	1	1	-	-	-	-
Other arthropod-borne diseases (088)	2	1	1	1	1	-	-	-	-
Bartonellosis (088.0)	-	-	-	-	-	-	-	-	-
Other (088.8)	2	1	1	1	1	-	-	-	-
Unspecified (088.9)	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	113	70	43	32	20	38	23	36	23
Congenital syphilis (090)	30	19	11	11	1	8	10	8	10
Early congenital syphilis, symptomatic (090.0)	1	1	-	1	-	-	-	-	-
Early congenital syphilis, unspecified (090.2)	1	1	-	-	-	1	-	1	-
Syphilitic interstitial keratitis (090.3)	-	-	-	-	-	-	-	-	-
Juvenile neurosyphilis (090.4)	5	5	-	4	-	1	-	1	-
Other late congenital syphilis, symptomatic (090.5)	1	1	-	1	-	-	-	-	-
Late congenital syphilis, unspecified (090.7)	-	-	-	-	-	-	-	-	-
Congenital syphilis, unspecified (090.9)	22	11	11	5	1	6	10	6	10
Early syphilis, symptomatic (091)	1	1	-	-	-	1	-	1	-
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)	1	1	-	-	-	-	-	1	-
Cardiovascular syphilis (093)	14	7	7	2	5	5	2	4	2
Aneurysm of aorta, specified as syphilitic (093.0)	1	-	1	-	1	-	-	-	-
Syphilitic aortitis (093.1)	5	3	2	1	1	2	1	2	1
Syphilitic endocarditis (093.2)	2	1	1	-	1	1	-	1	-
Other (093.8)	6	3	3	1	2	2	1	1	1
Unspecified (093.9)	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	47	31	16	9	11	22	5	21	5
Tabes dorsalis (094.0)	6	2	4	-	3	2	1	2	1
General paresis (094.1)	11	5	6	3	5	2	1	2	1
Syphilitic meningitis (094.2)	1	1	-	1	-	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Neurosyphilis-Con.									
Other (094.8)	4	3	1	-	-	3	1	2	1
Unspecified (094.9)	25	20	5	5	3	15	2	15	2
Other forms of late syphilis with symptoms (095)	-	-	-	-	-	-	-	-	-
Other and unspecified syphilis (097)	13	7	6	5	3	2	3	2	3
Late syphilis, unspecified (097.0)	8	5	3	5	2	1	-	-	1
Syphilis, unspecified (097.9)	5	2	3	-	1	2	2	2	2
Gonococcal infections (098)	4	2	2	2	-	-	2	-	2
Acute, of lower genitourinary tract (098.0)	1	1	-	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)	3	1	2	1	-	-	2	-	2
Other venereal diseases (099)	4	3	1	3	-	-	1	-	1
Chancroid (099.0)	-	-	-	-	-	-	-	-	-
Lymphogranuloma venereum (099.1)	2	1	1	1	-	-	1	-	1
Granuloma inguinale (099.2)	-	-	-	-	-	-	-	-	-
Reiter's disease (099.3)	2	2	-	2	-	-	-	-	-
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)	2,389	1,349	1,040	1,041	821	308	219	278	197
Dermatophytosis (110)	1	-	1	-	-	-	1	-	1
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)	1	-	1	-	-	-	1	-	1
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)	1,065	493	572	399	460	94	112	85	102
Of mouth (112.0)	10	6	4	5	3	1	1	1	1
Of vulva and vagina (112.1)	1	...	1	...	1	...	...	...	...
Of other urogenital sites (112.2)	10	4	6	4	4	-	2	-	2
Of skin and nails (112.3)	1	1	-	-	-	1	-	1	-
Of lung (112.4)	106	60	46	53	35	7	11	6	11
Disseminated (112.5)	663	309	354	245	294	64	60	57	52
Of other sites (112.8)	52	22	30	19	26	3	4	2	4
Of unspecified site (112.9)	222	91	131	73	97	18	34	18	32
Coccidioidomycosis (114)	65	49	16	35	12	14	4	8	1
Histoplasmosis (115)	81	61	20	53	18	8	2	8	2
Infection by Histoplasma capsulatum (115.0)	9	7	2	6	1	1	1	1	1
Infection by Histoplasma duboisii (115.1)	-	-	-	-	-	-	-	-	-
Unspecified (115.9)	72	54	18	47	17	7	1	7	1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Neurosyphilis-Con.									
Other (094.8)
Unspecified (094.9)	0.0	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)	1.0	1.1	0.8	1.0	0.8	1.6	1.1	1.9	1.2
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	.4	.5	.5	.6	.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	.1	.0	.	.	.	.
Disseminated (112.5) .....	.3	.3	.3	.2	.3	.3	.3	.4	.3
Of other sites (112.8) .....	.0	.0	.0	.	.0	.	.	.	.
Of unspecified site (112.9) .....	.1	.1	.1	.1	.1	.	.2	.	.2
Coccidioidomycosis (114) .....	.0	.0	.	.0	.	.	.	.	.
Histoplasmosis (115) .....	.0	.1	.0	.1	.	.	.	.	.
Infection by Histoplasma capsulatum (115.0)
Infection by Histoplasma duboisii (115.1)
Unspecified (115.9)0	.0	.	.0

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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 J]

Cause of death	Number								
	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Helminthiases-Con.									
Other and unspecified helminthiases (128)	1	-	1	-	1	-	-	-	-
Toxocarasis (128.0)	1	-	1	-	1	-	-	-	-
Gnathostomiasis (128.1)	-	-	-	-	-	-	-	-	-
Other (128.8)	-	-	-	-	-	-	-	-	-
Unspecified (128.9)	-	-	-	-	-	-	-	-	-
Intestinal parasitism, unspecified (129)	5	4	1	2	-	2	1	2	1
Other infectious and parasitic diseases (130-136)	1,720	996	724	649	444	347	280	331	269
Toxoplasmosis (130)	81	67	14	44	9	23	5	22	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)	3	1	2	1	1	-	1	-	1
Scabies (133.0)	2	1	1	1	1	-	-	-	-
Other (133.8)	-	-	-	-	-	-	-	-	-
Unspecified (133.9)	1	-	1	-	-	-	1	-	1
Other infestation (134)	2	2	-	2	-	-	-	-	-
Myiasis (134.0)	1	1	-	1	-	-	-	-	-
Other arthropod infestation (134.1)	1	1	-	1	-	-	-	-	-
Hirudiniasis (134.2)	-	-	-	-	-	-	-	-	-
Other (134.8)	-	-	-	-	-	-	-	-	-
Unspecified (134.9)	-	-	-	-	-	-	-	-	-
Sarcoidosis (135)	465	180	285	73	106	107	179	105	179
Other and unspecified infectious and parasitic diseases (136)	1,169	746	423	529	328	217	95	204	84
Ainhum (136.0)	-	-	-	-	-	-	-	-	-
Behcet's syndrome (136.1)	10	3	7	2	7	1	-	1	-
Specific infections by free-living amoebas (136.2)	-	-	-	-	-	-	-	-	-
Pneumocystosis (136.3)	628	596	232	412	162	184	70	174	61
Psorospermiasis (136.4)	-	-	-	-	-	-	-	-	-
Sarcosporidiosis (136.5)	-	-	-	-	-	-	-	-	-
Other (136.8)	2	2	-	2	-	-	-	-	-
Unspecified (136.9)	329	145	184	113	159	32	25	29	23
Late effects of infectious and parasitic diseases (137-139)	395	206	189	177	174	29	15	22	11
Late effects of tuberculosis (137)	195	96	99	74	86	22	13	16	9
Late effects of respiratory or unspecified tuberculosis (137.0)	194	95	99	73	86	22	13	16	9
Late effects of central nervous system tuberculosis (137.1)	-	-	-	-	-	-	-	-	-
Late effects of genitourinary tuberculosis (137.2)	1	1	-	1	-	-	-	-	-
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)	162	92	70	89	70	3	-	3	-
Late effects of other infectious and parasitic diseases (139)	38	18	20	14	18	4	2	3	2
Late effects of viral encephalitis (139.0)	9	6	3	4	2	2	1	1	1
Late effects of trachoma (139.1)	-	-	-	-	-	-	-	-	-
Late effects of other and unspecified infectious and parasitic diseases (139.8)	29	12	17	10	16	2	1	2	1
II. Neoplasms (140-239)									
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	8,104	5,340	2,764	4,293	2,400	1,047	364	939	312
Malignant neoplasm of lip (140)	108	82	26	81	23	1	3	1	2
Upper lip, vermilion border (140.0)	2	-	2	-	2	-	-	-	-
Lower lip, vermilion border (140.1)	14	11	3	11	2	-	1	-	-
Upper lip, inner aspect (140.3)	-	-	-	-	-	-	-	-	-
Lower lip, inner aspect (140.4)	-	-	-	-	-	-	-	-	-
Lip, unspecified, inner aspect (140.5)	2	2	-	2	-	-	-	-	-
Commissure of lip (140.6)	-	-	-	-	-	-	-	-	-
Other (140.8)	-	-	-	-	-	-	-	-	-
Lip, unspecified, vermilion border (140.9)	90	69	21	68	19	1	2	1	2
Malignant neoplasm of tongue (141)	1,904	1,237	667	994	580	243	87	229	80
Base of tongue (141.0)	174	110	64	84	57	26	7	25	6
Dorsal surface of tongue (141.1)	-	-	-	-	-	-	-	-	-
Tip and lateral border of tongue (141.2)	2	1	1	1	1	-	-	-	-
Ventral surface of tongue (141.3)	-	-	-	-	-	-	-	-	-
Anterior two-thirds of tongue, part unspecified (141.4)	1	1	-	-	-	1	-	1	-
Junctional zone (141.5)	-	-	-	-	-	-	-	-	-
Lingual tonsil (141.6)	31	17	14	13	10	4	4	4	4
Other (141.8)	-	-	-	-	-	-	-	-	-
Tongue, unspecified (141.9)	1,696	1,108	588	896	512	212	76	199	70
Malignant neoplasms of major salivary glands (142)	580	341	239	310	215	31	24	29	21
Parotid gland (142.0)	433	260	173	235	157	25	16	25	14
Submandibular gland (142.1)	28	19	9	18	9	1	-	1	-
Sublingual gland (142.2)	4	3	1	3	-	-	1	-	1
Other (142.8)	-	-	-	-	-	-	-	-	-
Site unspecified (142.9)	115	59	56	54	49	5	7	3	6

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Helminthiasis-Con.									
Other and unspecified helminthiasis (128)	.	.	.	.	.	.	.	.	.
Toxocariasis (128.0)	.	.	.	.	.	.	.	.	.
Gnathostomiasis (128.1)	.	.	.	.	.	.	.	.	.
Other (128.8)	.	.	.	.	.	.	.	.	.
Unspecified (128.9)	.	.	.	.	.	.	.	.	.
Intestinal parasitism, unspecified (129)	.	.	.	.	.	.	.	.	.
Other infectious and parasitic diseases (130-136)	0.7	0.8	0.6	0.6	0.4	1.8	1.4	2.3	1.7
Toxoplasmosis (130)	.0	.1	.	.0	.	.1	.	.2	.
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	.9	.7	1.1
Other and unspecified infectious and parasitic diseases (136)	.5	.6	.3	.5	.3	1.2	.5	1.4	.5
Alhnum (136.0)	.	.	.	.	.	.	.	.	.
Behcet's syndrome (136.1)	.	.	.	.	.	.	.	.	.
Specific infections by free-living amoebas (136.2)	.	.	.	.	.	.	.	.	.
Pneumocystosis (136.3)	.3	.5	.2	.4	.2	1.0	.3	1.2	.4
Psorospermatosis (136.4)	.	.	.	.	.	.	.	.	.
Sarcosporidiosis (136.5)	.	.	.	.	.	.	.	.	.
Other (136.8)	.	.	.	.	.	.	.	.	.
Unspecified (136.9)	.1	.1	.1	.1	.1	.2	.1	.2	.1
Late effects of infectious and parasitic diseases (137-139)	.2	.2	.1	.2	.2	.2	.	.2	.
Late effects of tuberculosis (137)	.1	.	.1	.1	.1	.1	.	.	.
Late effects of respiratory or unspecified tuberculosis (137.0)	.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	.	.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)	3.3	4.4	2.2	4.2	2.2	5.6	1.8	6.5	1.9
Malignant neoplasm of lip (140)	.0	.1	.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	.1	.0	.1	.	.	.	.	.
Malignant neoplasm of tongue (141)	.8	1.0	.5	1.0	.5	1.3	.4	1.6	.5
Base of tongue (141.0)	.1	.1	.1	.1	.1	.1	.	.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	.	.	.	.	.	.	.	.
Other (141.8)	.	.	.	.	.	.	.	.	.
Tongue, unspecified (141.9)	.7	.9	.5	.9	.5	1.1	.4	1.4	.4
Malignant neoplasms of major salivary glands (142)	.2	.3	.2	.3	.2	.2	.1	.2	.1
Parotid gland (142.0)	.2	.2	.1	.2	.1	.1	.	.2	.
Submandibular gland (142.1)	.0
Sublingual gland (142.2)
Other (142.8)
Site unspecified (142.9)	.0	.0	.0	.1	.0

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989-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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Malignant neoplasms of lip, oral cavity, and pharynx-Con.									
Malignant neoplasm of gum (143)	123	64	59	57	56	7	3	7	2
Upper gum (143.0)	21	10	11	8	10	2	1	2	1
Lower gum (143.1)	49	27	22	23	21	4	1	4	-
Other (143.8)	-	-	-	-	-	-	-	-	-
Gum, unspecified (143.9)	53	27	26	26	25	1	1	1	1
Malignant neoplasm of floor of mouth (144)	317	217	100	178	86	39	14	37	14
Anterior portion (144.0)	1	1	-	1	-	-	-	-	-
Lateral portion (144.1)	-	-	-	-	-	-	-	-	-
Other (144.8)	-	-	-	-	-	-	-	-	-
Part unspecified (144.9)	316	216	100	177	86	39	14	37	14
Malignant neoplasms of other and unspecified parts of mouth (145)	1,242	716	526	597	459	119	67	117	54
Cheek mucosa (145.0)	48	21	27	19	25	2	2	2	2
Vestibule of mouth (145.1)	-	-	-	-	-	-	-	-	-
Hard palate (145.2)	26	11	15	8	13	3	2	2	1
Soft palate (145.3)	95	61	34	47	32	14	2	14	2
Uvula (145.4)	11	9	2	7	2	2	-	2	-
Palate, unspecified (145.5)	121	58	63	52	52	6	11	6	9
Retromolar area (145.6)	42	31	11	26	8	5	3	4	3
Other (145.8)	2	1	1	1	1	-	-	-	-
Mouth, unspecified (145.9)	897	524	373	437	326	87	47	87	37
Malignant neoplasm of oropharynx (146)	1,125	767	358	590	307	187	51	178	47
Tonsil (146.0)	497	332	165	257	139	75	26	72	26
Tonsillar fossa (146.1)	56	37	19	27	17	10	2	10	2
Tonsillar pillars (anterior) (posterior) (146.2)	6	2	4	2	4	-	-	-	-
Vallecula (146.3)	4	2	2	1	2	1	-	1	-
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)	3	2	1	2	1	-	-	-	-
Oropharynx, unspecified (146.9)	559	392	167	291	144	101	23	95	19
Malignant neoplasm of nasopharynx (147)	665	448	217	324	173	124	44	65	24
Superior wall (147.0)	-	-	-	-	-	-	-	-	-
Posterior wall (147.1)	9	3	6	2	6	1	-	1	-
Lateral wall (147.2)	-	-	-	-	-	-	-	-	-
Anterior wall (147.3)	1	1	-	1	-	-	-	-	-
Other (147.8)	-	-	-	-	-	-	-	-	-
Nasopharynx, unspecified (147.9)	655	444	211	321	167	123	44	64	24
Malignant neoplasm of hypopharynx (148)	551	410	141	330	125	80	16	78	16
Postcricoid region (148.0)	4	4	-	4	-	-	-	-	-
Pyriform sinus (148.1)	239	188	51	158	43	30	8	29	8
Aryepiglottic fold, hypopharyngeal aspect (148.2)	-	-	-	-	-	-	-	-	-
Posterior hypopharyngeal wall (148.3)	-	-	-	-	-	-	-	-	-
Other (148.8)	-	-	-	-	-	-	-	-	-
Hypopharynx, unspecified (148.9)	308	218	90	168	82	50	8	49	8
Malignant neoplasms of other and ill-defined sites within the lip, oral cavity, and pharynx (149)	1,489	1,058	431	842	376	216	55	198	52
Pharynx, unspecified (149.0)	1,487	1,056	431	840	376	216	55	198	52
Waldeyer's ring (149.1)	2	2	-	2	-	-	-	-	-
Other (149.8)	-	-	-	-	-	-	-	-	-
Ill-defined (149.9)	-	-	-	-	-	-	-	-	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	119,663	63,209	56,454	53,895	48,874	9,314	7,580	7,988	6,710
Malignant neoplasm of esophagus (150)	9,637	7,154	2,483	5,531	1,938	1,623	545	1,524	523
Cervical part (150.0)	18	12	6	10	4	2	2	1	2
Thoracic part (150.1)	3	2	1	2	1	-	-	-	-
Abdominal part (150.2)	-	-	-	-	-	-	-	-	-
Upper third (150.3)	13	8	5	8	5	-	-	-	-
Middle third (150.4)	17	12	5	7	4	5	1	4	1
Lower third (150.5)	118	94	24	88	23	6	1	4	1
Other (150.8)	1	1	-	-	-	1	-	1	-
Esophagus, unspecified (150.9)	9,467	7,025	2,442	5,416	1,901	1,609	541	1,514	519
Malignant neoplasm of stomach (151)	14,186	8,520	5,666	6,836	4,613	1,684	1,053	1,390	859
Cardia (151.0)	641	534	107	514	99	20	8	19	8
Pylorus (151.1)	7	4	3	4	3	-	-	-	-
Pyloric antrum (151.2)	12	7	5	5	1	2	4	1	3
Fundus of stomach (151.3)	10	4	6	4	6	-	-	-	-
Body of stomach (151.4)	-	-	-	-	-	-	-	-	-
Lesser curvature, unspecified (151.5)	1	-	1	-	-	-	1	-	1
Greater curvature, unspecified (151.6)	-	-	-	-	-	-	-	-	-
Other (151.8)	1	-	1	-	1	-	-	-	-
Stomach, unspecified (151.9)	13,514	7,971	5,543	6,309	4,503	1,662	1,040	1,370	847
Malignant neoplasm of small intestine, including duodenum (152)	891	478	413	419	348	59	65	55	60
Duodenum (152.0)	373	195	178	162	151	33	27	30	26
Jejunum (152.1)	51	35	16	31	10	4	6	4	6
Ileum (152.2)	60	32	28	30	24	2	4	2	4
Meckel's diverticulum (152.3)	1	-	1	-	1	-	-	-	-
Other (152.8)	2	1	1	1	1	-	-	-	-
Small intestine, unspecified (152.9)	404	215	189	195	161	20	28	19	24
Malignant neoplasm of colon (153)	48,612	23,674	24,938	21,021	21,991	2,653	2,947	2,345	2,703
Hepatic flexure (153.0)	39	19	20	17	17	2	3	2	2
Transverse colon (153.1)	236	92	144	86	132	6	12	4	9
Descending colon (153.2)	242	122	120	102	105	20	15	13	13
Sigmoid colon (153.3)	1,215	593	622	520	568	73	54	57	47

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	0.1	.	.	.	.
Upper gum (143.0)	.0	.	.	.	.	.	.	.	.
Lower gum (143.1)	.0	.0	.0	.0	.0	.	.	.	.
Other (143.8)	.	.	.	.	.	.	.	.	.
Gum, unspecified (143.9)	.0	.0	.0	.0	.0	.	.	.	.
Malignant neoplasm of floor of mouth (144)	.1	.2	.1	.2	.1	0.2	.	0.3	.
Anterior portion (144.0)	.	.	.	.	.	.	.	.	.
Lateral portion (144.1)	.	.	.	.	.	.	.	.	.
Other (144.8)	.	.	.	.	.	.	.	.	.
Part unspecified (144.9)	.1	.2	.1	.2	.1	.2	.	.3	.
Malignant neoplasms of other and unspecified parts of mouth (145)	.5	.6	.4	.6	.4	.6	0.3	.8	0.3
Cheek mucosa (145.0)	.0	.0	.0	.	.0	.	.	.	.
Vestibule of mouth (145.1)	.	.	.	.	.	.	.	.	.
Hard palate (145.2)	.0	.	.	.	.	.	.	.	.
Soft palate (145.3)	.0	.1	.0	.0	.0	.	.	.	.
Uvula (145.4)	.	.	.	.	.	.	.	.	.
Palate, unspecified (145.5)	.0	.0	.0	.1	.0	.	.	.	.
Retromolar area (145.6)	.0	.0	.	.0	.	.	.	.	.
Other (145.8)	.	.	.	.	.	.	.	.	.
Mouth, unspecified (145.9)	.4	.4	.3	.4	.3	.5	.2	.6	.2
Malignant neoplasm of oropharynx (146)	.5	.6	.3	.6	.3	1.0	.2	1.2	.3
Tonsil (146.0)	.2	.3	.1	.3	.1	.4	.1	.5	.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	.5	.1	.7	.
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	.4	.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	.2	.0	.2	.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)	.6	.9	.3	.8	.4	1.2	.3	1.4	.3
Pharynx, unspecified (149.0)	.6	.9	.3	.8	.4	1.2	.3	1.4	.3
Waldeyer's ring (149.1)	.	.	.	.	.	.	.	.	.
Other (149.8)	.	.	.	.	.	.	.	.	.
Ill-defined (149.9)	.	.	.	.	.	.	.	.	.
Malignant neoplasms of digestive organs and peritoneum (150-159)	48.2	52.2	44.4	52.7	45.8	49.7	36.9	54.9	41.6
Malignant neoplasm of esophagus (150)	3.9	5.9	2.0	5.4	1.8	8.7	2.7	10.5	3.2
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	5.3	1.8	8.6	2.6	10.4	3.2
Malignant neoplasm of stomach (151)	5.7	7.0	4.5	6.7	4.3	9.0	5.1	9.6	5.3
Cardia (151.0)	.3	.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	6.6	4.4	6.2	4.2	8.9	5.1	9.4	5.3
Malignant neoplasm of small intestine, including duodenum (152)	.4	.4	.3	.4	.3	.3	.3	.4	.4
Duodenum (152.0)	.2	.2	.1	.2	.1	.2	.1	.2	.2
Jejunum (152.1)	.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	.1	.2	.2	.1	.1	.	.1
Malignant neoplasm of colon (153)	19.6	19.6	19.6	20.6	20.6	14.1	14.4	16.1	16.8
Hepatic flexure (153.0)	.0	.	.0	.	.	.	.	.	.
Transverse colon (153.1)	.1	.1	.1	.1	.1
Descending colon (153.2)	.1	.1	.1	.1	.1	.1	.	.	.
Sigmoid colon (153.3)	.5	.5	.5	.5	.5	.4	.3	.4	.3

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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 J]

Cause of death	Number								
	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Malignant neoplasm of colon-Con.									
Cecum (153.4)	978	398	580	366	524	32	56	30	51
Appendix (153.5)	136	64	72	55	62	9	10	6	9
Ascending colon (153.6)	729	326	403	281	372	45	31	39	28
Splenic flexure (153.7)	25	15	10	14	9	1	1	1	1
Other (153.8)	6	1	5	1	5	-	-	-	-
Colon, unspecified (153.9)	45,006	22,044	22,962	19,579	20,197	2,465	2,765	2,193	2,543
Malignant neoplasms of rectum, rectosigmoid junction, and anus (154)	7,849	4,096	3,553	3,627	3,168	469	385	381	339
Rectosigmoid junction (154.0)	1,271	689	582	619	520	70	62	55	55
Rectum (154.1)	6,022	3,282	2,740	2,901	2,445	381	295	309	256
Anal canal (154.2)	28	8	20	6	17	2	3	2	3
Anus, unspecified (154.3)	282	92	170	79	154	13	16	12	16
Other (154.8)	66	25	41	22	32	3	9	3	9
Malignant neoplasms of liver and intrahepatic bile ducts (155)	7,988	4,887	3,101	3,902	2,609	985	492	674	368
Liver, primary (155.0)	3,666	2,527	1,139	1,987	908	560	231	349	163
Intrahepatic bile ducts (155.1)	1,231	616	615	548	568	68	47	45	32
Liver, not specified as primary or secondary (155.2)	3,091	1,744	1,347	1,387	1,133	357	214	280	173
Malignant neoplasms of gall bladder and extrahepatic bile ducts (156)	4,031	1,496	2,535	1,342	2,285	154	250	117	200
Gallbladder (156.0)	2,160	585	1,575	513	1,420	72	155	59	129
Extrahepatic bile ducts (156.1)	1,017	511	506	465	459	46	47	30	40
Ampulla of Vater (156.2)	336	179	157	163	142	16	15	10	10
Other (156.8)	2	-	2	-	2	-	-	-	-
Biliary tract, part unspecified (156.9)	516	221	295	201	262	20	33	18	21
Malignant neoplasm of pancreas (157)	24,543	11,965	12,578	10,386	10,850	1,579	1,728	1,403	1,551
Head of pancreas (157.0)	690	322	368	280	295	42	73	39	67
Body of pancreas (157.1)	31	14	17	11	16	3	1	2	1
Tail of pancreas (157.2)	39	20	19	18	18	2	1	2	1
Pancreatic duct (157.3)	11	5	6	5	4	-	2	-	2
Islets of Langerhans (157.4)	127	71	56	63	52	8	4	7	3
Other (157.8)	3	1	2	1	1	-	1	-	1
Part unspecified (157.9)	23,642	11,532	12,110	10,008	10,464	1,524	1,646	1,353	1,478
Malignant neoplasms of retroperitoneum and peritoneum (158)	481	217	264	193	232	24	32	18	31
Retroperitoneum (158.0)	275	128	147	108	125	20	22	15	21
Specified parts of peritoneum (158.8)	37	17	20	16	19	1	1	-	1
Peritoneum, unspecified (158.9)	169	72	97	69	88	3	9	3	9
Malignant neoplasms of other and ill-defined sites within the digestive organs and peritoneum (159)	1,645	722	923	638	840	84	83	81	76
Intestinal tract, part unspecified (159.0)	1,121	478	643	437	602	41	41	39	38
Spleen, not elsewhere classified (159.1)	15	5	10	5	10	-	-	-	-
Other (159.8)	3	1	2	1	2	-	-	-	-
Ill-defined (159.9)	506	238	268	195	226	43	42	42	38
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	142,281	92,914	49,367	80,821	44,453	12,093	4,914	11,116	4,412
Malignant neoplasms of nasal cavities, middle ear, and accessory sinuses (160)	502	282	220	229	188	53	32	44	30
Nasal cavities (160.0)	133	77	56	64	47	13	9	13	8
Auditory tube, middle ear, and mastoid air cells (160.1)	16	3	13	2	13	1	-	1	-
Maxillary sinus (160.2)	231	135	96	103	75	32	21	24	21
Ethmoidal sinus (160.3)	41	30	11	27	9	3	2	3	2
Frontal sinus (160.4)	9	6	3	5	3	1	-	1	-
Sphenoidal sinus (160.5)	14	8	6	8	6	-	-	-	-
Other (160.8)	-	-	-	-	-	-	-	-	-
Accessory sinus, unspecified (160.9)	137	79	58	65	53	14	5	13	5
Malignant neoplasm of larynx (161)	3,729	2,961	768	2,377	660	584	108	565	101
Glottis (161.0)	62	50	12	46	10	4	2	4	2
Supraglottis (161.1)	182	120	62	98	57	22	5	20	5
Subglottis (161.2)	6	4	2	2	2	2	-	2	-
Laryngeal cartilages (161.3)	2	2	-	2	-	-	-	-	-
Other (161.8)	-	-	-	-	-	-	-	-	-
Larynx, unspecified (161.9)	3,477	2,785	692	2,229	591	556	101	539	94
Malignant neoplasms of trachea, bronchus, and lung (162)	137,150	89,052	48,098	77,659	43,364	11,393	4,734	10,457	4,246
Trachea (162.0)	133	77	56	64	47	13	9	13	8
Main bronchus (162.2)	122	91	31	79	25	12	6	10	6
Upper lobe, bronchus or lung (162.3)	1,117	743	374	634	333	109	41	103	37
Middle lobe, bronchus or lung (162.4)	50	34	16	28	14	6	2	5	2
Lower lobe, bronchus or lung (162.5)	360	238	122	214	112	24	10	23	8
Other (162.8)	3	2	1	1	1	1	-	1	-
Bronchus and lung, unspecified (162.9)	195,365	87,667	47,498	76,639	42,832	11,228	4,666	10,302	4,185
Malignant neoplasm of pleura (163)	458	357	101	336	89	21	12	18	11
Parietal (163.0)	2	-	2	-	1	-	1	-	1
Visceral (163.1)	1	1	-	1	-	-	-	-	-
Other (163.8)	-	-	-	-	-	-	-	-	-
Pleura, unspecified (163.9)	455	356	99	335	88	21	11	18	10
Malignant neoplasms of thymus, heart, and mediastinum (164)	428	253	175	212	147	41	28	31	24
Thymus (164.0)	138	70	68	59	55	11	13	7	11
Heart (164.1)	64	32	32	23	26	9	6	6	4
Anterior mediastinum (164.2)	4	3	1	2	1	1	-	1	-
Posterior mediastinum (164.3)	-	-	-	-	-	-	-	-	-
Other (164.8)	-	-	-	-	-	-	-	-	-
Mediastinum, part unspecified (164.9)	222	148	74	128	65	20	9	17	9
Malignant neoplasms of other and ill-defined sites within the respiratory system and intrathoracic organs (165)	14	9	5	8	5	1	-	1	-
Upper respiratory tract, part unspecified (165.0)	3	3	-	2	-	1	-	1	-
Other (165.8)	-	-	-	-	-	-	-	-	-
Ill-defined sites within the respiratory system (165.9)	11	6	5	6	5	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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 J]

Cause of death	Number								
	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	55,559	7,630	47,929	7,096	42,685	534	5,244	470	4,745
Malignant neoplasms of bone and articular cartilage (170)	1,074	608	466	544	402	64	64	55	52
Bones of skull and face (170.0)	82	38	44	32	36	6	8	6	7
Lower jaw bone (170.1)	101	60	41	52	34	8	7	8	6
Vertebral column, excluding sacrum and coccyx (170.2)	99	56	43	51	41	5	2	5	1
Ribs, sternum, and clavicle (170.3)	13	7	6	7	5	-	1	-	-
Long bones of upper limb and scapula (170.4)	20	17	3	15	3	2	-	1	-
Upper limb, short bones (170.5)	-	-	-	-	-	-	-	-	-
Pelvic bones, sacrum and coccyx (170.6)	73	35	38	32	35	3	3	1	1
Lower limb, long bones (170.7)	35	35	39	34	32	1	7	1	6
Lower limb, short bones (170.8)	-	-	-	-	-	-	-	-	-
Site unspecified (170.9)	612	360	252	321	216	39	36	33	31
Malignant neoplasms of connective and other soft tissue (171)	2,997	1,453	1,544	1,263	1,338	190	206	166	182
Head, face, and neck (171.0)	70	39	31	36	26	3	5	3	4
Upper limb, including shoulder (171.2)	61	33	28	29	25	4	3	3	3
Lower limb, including hip (171.3)	212	102	110	90	99	12	11	11	9
Thorax (171.4)	56	32	24	23	23	9	1	9	-
Abdomen (171.5)	188	86	102	74	89	12	13	10	12
Pelvis (171.6)	104	48	56	44	48	4	8	3	8
Trunk, unspecified (171.7)	13	5	8	4	6	1	2	1	1
Other (171.8)	3	3	-	3	-	-	-	-	-
Site unspecified (171.9)	2,290	1,105	1,185	960	1,022	145	163	126	145
Malignant melanoma of skin (172)	6,161	3,736	2,425	3,676	2,351	60	74	46	63
Lip (172.0)	5	4	1	4	1	-	-	-	-
Eye lid, including canthus (172.1)	1	-	-	-	1	-	-	-	-
Ear and external auricular canal (172.2)	15	13	2	13	2	-	-	-	-
Other and unspecified parts of face (172.9)	67	41	26	39	25	2	1	2	1
Scalp and neck (172.4)	91	62	29	62	29	-	-	-	-
Trunk, except scrotum (172.5)	228	152	76	149	74	3	2	3	2
Upper limb, including shoulder (172.6)	95	62	33	60	33	2	-	2	-
Lower limb, including hip (172.7)	151	64	87	59	81	5	6	5	5
Other (172.8)	-	-	-	-	-	-	-	-	-
Site unspecified (172.9)	5,508	3,338	2,170	3,290	2,105	48	65	34	55
Other malignant neoplasms of skin (173)	2,189	1,532	657	1,348	606	184	51	168	45
Skin of lip (173.0)	10	10	-	10	-	-	-	-	-
Eye lid, including canthus (173.1)	14	5	9	5	9	-	-	-	-
Ear and external auricular canal (173.2)	143	98	45	96	41	2	4	1	2
Skin of other and unspecified parts of face (173.3)	251	148	103	147	100	1	3	1	1
Scalp and skin of neck (173.4)	1,059	802	257	670	228	132	29	120	27
Skin of trunk, except scrotum (173.5)	65	37	28	29	26	8	2	7	2
Skin of upper limb, including shoulder (173.6)	40	24	16	22	15	2	1	2	1
Skin of lower limb, including hip (173.7)	50	25	25	23	23	2	2	2	2
Other (173.8)	-	-	-	-	-	-	-	-	-
Site unspecified (173.9)	557	383	174	346	164	37	10	35	10
Malignant neoplasm of female breast (174)	42,837	...	42,837	...	37,988	...	4,849	...	4,403
Nipple and areola (174.0)	2	...	2	...	2	...	-	...	-
Central portion (174.1)	-	...	-	...	-	...	-	...	-
Upper-inner quadrant (174.2)	-	...	-	...	-	...	-	...	-
Lower-inner quadrant (174.3)	1	...	1	...	1	...	-	...	-
Upper-outer quadrant (174.4)	-	...	-	...	-	...	-	...	-
Lower-outer quadrant (174.5)	-	...	-	...	-	...	-	...	-
Axillary tail (174.6)	-	...	-	...	-	...	-	...	-
Other (174.8)	1	...	1	...	1	...	-	...	-
Breast, unspecified (174.9)	42,833	...	42,833	...	37,984	...	4,849	...	4,403
Malignant neoplasm of male breast (175)	301	301	...	265	...	36	...	35	...
Malignant neoplasms of genitourinary organs (179-189)	75,185	44,117	31,068	37,877	27,002	6,240	4,066	5,849	3,654
Malignant neoplasm of uterus, part unspecified (179)	2,867	...	2,867	...	2,348	...	519	...	474
Malignant neoplasm of cervix uteri (180)	4,487	...	4,487	...	3,321	...	1,166	...	1,049
Endocervix (180.0)	41	...	41	...	38	...	3	...	3
Exocervix (180.1)	-	...	-	...	-	...	-	...	-
Other (180.8)	3	...	3	...	2	...	1	...	1
Cervix uteri, unspecified (180.9)	4,443	...	4,443	...	3,281	...	1,162	...	1,045
Malignant neoplasm of placenta (181)	17	...	17	...	9	...	8	...	4
Malignant neoplasm of body of uterus (182)	2,983	...	2,983	...	2,563	...	420	...	395
Corpus uteri, except isthmus (182.0)	2,983	...	2,983	...	2,563	...	420	...	395
Isthmus (182.1)	-	...	-	...	-	...	-	...	-
Other (182.8)	-	...	-	...	-	...	-	...	-
Malignant neoplasms of ovary and other uterine adnexa (183)	12,431	...	12,431	...	11,389	...	1,042	...	901
Ovary (183.0)	12,256	...	12,256	...	11,228	...	1,028	...	890
Fallopian tube (183.2)	166	...	166	...	153	...	13	...	10
Broad ligament (183.3)	-	...	-	...	-	...	-	...	-
Parametrium (183.4)	-	...	-	...	-	...	-	...	-
Round ligament (183.5)	-	...	-	...	-	...	-	...	-
Other (183.8)	3	...	3	...	2	...	1	...	1
Uterine adnexa, unspecified (183.9)	6	...	6	...	6	...	-	...	-
Malignant neoplasms of other and unspecified female genital organs (184)	1,026	...	1,026	...	915	...	111	...	99
Vagina (184.0)	374	...	374	...	328	...	46	...	40
Labia majora (184.1)	8	...	8	...	5	...	3	...	3
Labia minora (184.2)	-	...	-	...	-	...	-	...	-
Citoris (184.3)	2	...	2	...	2	...	-	...	-
Vulva, unspecified (184.4)	551	...	551	...	503	...	48	...	45
Other (184.8)	29	...	29	...	21	...	8	...	5
Site unspecified (184.9)	62	...	62	...	56	...	6	...	6
Malignant neoplasm of prostate (185)	30,520	30,520	...	25,469	...	5,051	...	4,785	...

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	22.4	6.3	37.7	6.9	40.0	2.8	25.6	3.2	29.4
Malignant neoplasms of bone and articular cartilage (170) .....	.4	.5	.4	.5	.4	.3	.3	.4	.3
Bones of skull and face (170.0) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Lower jaw bone (170.1) .....	.0	.0	.0	.1	.0	.0	.0	.0	.0
Vertebral column, excluding sacrum and coccyx (170.2) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Ribs, sternum, and clavicle (170.3) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Long bones of upper limb and scapula (170.4) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Upper limb, short bones (170.5) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Pelvic bones, sacrum and coccyx (170.6) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Lower limb, long bones (170.7) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Lower limb, short bones (170.8) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Site unspecified (170.9) .....	.2	.3	.2	.3	.2	.2	.2	.2	.2
Malignant neoplasms of connective and other soft tissue (171)	1.2	1.2	1.2	1.2	1.3	1.0	1.0	1.1	1.1
Head, face, and neck (171.0) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Upper limb, including shoulder (171.2) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Lower limb, including hip (171.3) .....	.1	.1	.1	.1	.1	.1	.1	.1	.1
Thorax (171.4) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Abdomen (171.5) .....	.1	.1	.1	.1	.1	.1	.1	.1	.1
Pelvis (171.6) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Trunk, unspecified (171.7) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Other (171.8) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Site unspecified (171.9) .....	.9	.9	.9	.9	1.0	.8	.8	.9	.9
Malignant melanoma of skin (172)	2.5	3.1	1.9	3.6	2.2	.3	.4	.3	.4
Lip (172.0) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Eyelid, including canthus (172.1) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Ear and external auricular canal (172.2) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Other and unspecified parts of face (172.3) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Scalp and neck (172.4) .....	.0	.1	.0	.1	.0	.0	.0	.0	.0
Trunk, except scrotum (172.5) .....	.1	.1	.1	.1	.1	.1	.1	.1	.1
Upper limb, including shoulder (172.6) .....	.0	.1	.0	.1	.0	.0	.0	.0	.0
Lower limb, including hip (172.7) .....	.1	.1	.1	.1	.1	.1	.1	.1	.1
Other (172.8) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Site unspecified (172.9)	2.2	2.8	1.7	3.2	2.0	.3	.3	.2	.3
Other malignant neoplasms of skin (173) .....	.9	1.3	.5	1.3	.6	1.0	.2	1.2	.3
Skin of lip (173.0) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Eyelid, including canthus (173.1) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Ear and external auricular canal (173.2) .....	.1	.1	.0	.1	.0	.0	.0	.0	.0
Skin of other and unspecified parts of face (173.3) .....	.1	.1	.1	.1	.1	.1	.1	.1	.1
Scalp and skin of neck (173.4) .....	.4	.7	.2	.7	.2	.7	.1	.8	.2
Skin of trunk, except scrotum (173.5) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Skin of upper limb, including shoulder (173.6) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Skin of lower limb, including hip (173.7) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Other (173.8) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Site unspecified (173.9) .....	.2	.3	.1	.3	.2	.2	.2	.2	.2
Malignant neoplasm of female breast (174)	17.3	...	33.7	...	35.6	...	23.6	...	27.3
Nipple and areola (174.0) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Central portion (174.1) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Upper-inner quadrant (174.2) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Lower-inner quadrant (174.3) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Upper-outer quadrant (174.4) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Lower-outer quadrant (174.5) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Axillary tail (174.6) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Other (174.8) .....	.0	.0	.0	.0	.0	.0	.0	.0	.0
Breast, unspecified (174.9)	17.3	...	33.7	...	35.6	...	23.6	...	27.3
Malignant neoplasm of male breast (175) .....	.1	.2	...	.3	...	.2	...	.2	...
Malignant neoplasms of genitourinary organs (179-189)	30.3	36.5	24.4	37.1	25.3	33.3	19.8	40.2	22.7
Malignant neoplasm of uterus, part unspecified (179)	1.2	...	2.3	...	2.2	...	2.5	...	2.9
Malignant neoplasm of cervix uteri (180)	1.8	...	3.5	...	3.1	...	5.7	...	6.5
Endocervix (180.0) .....	.0	...	.0	...	.0	...	.0	...	.0
Exocervix (180.1) .....	.0	...	.0	...	.0	...	.0	...	.0
Other (180.8) .....	.0	...	.0	...	.0	...	.0	...	.0
Cervix uteri, unspecified (180.9)	1.8	...	3.5	...	3.1	...	5.7	...	6.5
Malignant neoplasm of placenta (181) .....	.0	...	.0	...	.0	...	.0	...	.0
Malignant neoplasm of body of uterus (182)	1.2	...	2.3	...	2.4	...	2.0	...	2.5
Corpus uteri, except isthmus (182.0)	1.2	...	2.3	...	2.4	...	2.0	...	2.5
Isthmus (182.1) .....	.0	...	.0	...	.0	...	.0	...	.0
Other (182.8) .....	.0	...	.0	...	.0	...	.0	...	.0
Malignant neoplasms of ovary and other uterine adnexa (183)	5.0	...	9.8	...	10.7	...	5.1	...	5.6
Ovary (183.0)	4.9	...	9.6	...	10.5	...	5.0	...	5.5
Fallopian tube (183.2) .....	.1	...	.1	...	.1	...	.1	...	.1
Broad ligament (183.3) .....	.0	...	.0	...	.0	...	.0	...	.0
Parametrium (183.4) .....	.0	...	.0	...	.0	...	.0	...	.0
Round ligament (183.5) .....	.0	...	.0	...	.0	...	.0	...	.0
Other (183.8) .....	.0	...	.0	...	.0	...	.0	...	.0
Uterine adnexa, unspecified (183.9) .....	.0	...	.0	...	.0	...	.0	...	.0
Malignant neoplasms of other and unspecified female genital organs (184) .....	.4	...	.8	...	.9	...	.5	...	.6
Vagina (184.0) .....	.2	...	.3	...	.3	...	.2	...	.2
Labia majora (184.1) .....	.0	...	.0	...	.0	...	.0	...	.0
Labia minora (184.2) .....	.0	...	.0	...	.0	...	.0	...	.0
Clitoris (184.3) .....	.0	...	.0	...	.0	...	.0	...	.0
Vulva, unspecified (184.4) .....	.2	...	.4	...	.5	...	.2	...	.3
Other (184.8) .....	.0	...	.0	...	.0	...	.0	...	.0
Site unspecified (184.9)00100
Malignant neoplasm of prostate (185)	12.3	25.2	...	24.9	...	26.9	...	32.9	...

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Malignant neoplasms of genitourinary organs-Con.									
Malignant neoplasm of testis (186)	392	392	...	359	...	33	...	28	...
Undescended (186.0)	-	-	...	-	...	-	...	-	...
Other and unspecified (186.9)	392	392	...	359	...	33	...	28	...
Malignant neoplasms of penis and other male genital organs (187)	229	229	...	199	...	30	...	27	...
Prepuce (187.1)	1	1	...	1	...	-	...	-	...
Glands penis (187.2)	2	2	...	2	...	-	...	-	...
Body of penis (187.3)	1	1	...	-	...	1	...	1	...
Penis, part unspecified (187.4)	195	195	...	169	...	26	...	24	...
Epididymis (187.5)	2	2	...	1	...	1	...	-	...
Spermatic cord (187.6)	5	5	...	5	...	-	...	-	...
Scrotum (187.7)	11	11	...	9	...	2	...	2	...
Other (187.8)	1	1	...	1	...	-	...	-	...
Site unspecified (187.9)	11	11	...	11	...	-	...	-	...
Malignant neoplasm of bladder (188)	10,121	6,843	3,278	6,308	2,885	535	393	484	369
Trigone (188.0)	1	-	1	-	1	-	-	-	-
Dome (188.1)	2	-	2	-	2	-	-	-	-
Lateral wall (188.2)	-	-	-	-	-	-	-	-	-
Anterior wall (188.3)	-	-	-	-	-	-	-	-	-
Posterior wall (188.4)	-	-	-	-	-	-	-	-	-
Bladder neck (188.5)	3	2	1	2	1	-	-	-	-
Ureteric orifice (188.6)	2	1	1	-	1	1	-	1	-
Urachus (188.7)	17	11	6	9	6	2	-	2	-
Other (188.8)	1	-	1	-	-	-	1	-	1
Part unspecified (188.9)	10,095	6,829	3,266	6,297	2,874	532	392	481	368
Malignant neoplasms of kidney and other and unspecified urinary organs (189)	10,112	6,133	3,979	5,542	3,572	591	407	525	383
Kidney, except pelvis (189.0)	9,481	5,788	3,693	5,228	3,336	560	357	496	318
Renal pelvis (189.1)	157	91	66	86	62	5	4	5	3
Ureter (189.2)	293	171	122	161	113	10	9	8	8
Urethra (189.3)	133	55	78	40	47	15	31	15	30
Paraurethral glands (189.4)	-	-	-	-	-	-	-	-	-
Other (189.8)	1	1	-	1	-	-	-	-	-
Site unspecified (189.9)	47	27	20	26	14	1	6	1	4
Malignant neoplasms of other and unspecified sites (190-199)	48,609	25,298	23,311	22,173	20,681	3,125	2,630	2,788	2,346
Malignant neoplasm of eye (190)	251	115	136	104	129	11	7	10	6
Eyeball, except conjunctiva, cornea, retina, and choroid (190.0)	6	2	4	2	4	-	-	-	-
Orbit (190.1)	45	24	21	24	21	-	-	-	-
Lacrimal gland (190.2)	4	2	2	2	2	-	-	-	-
Conjunctiva (190.3)	2	2	-	1	-	1	-	1	-
Cornea (190.4)	-	-	-	-	-	-	-	-	-
Retina (190.5)	22	10	12	4	11	6	1	6	1
Choroid (190.6)	8	4	4	4	4	-	-	-	-
Lacrimal duct (190.7)	2	2	-	2	-	-	-	-	-
Other (190.8)	2	-	2	-	1	-	1	-	1
Part unspecified (190.9)	160	69	91	65	86	4	5	3	4
Malignant neoplasm of brain (191)	10,813	5,886	4,927	5,499	4,591	387	336	321	284
Cerebrum, except lobes and ventricles (191.0)	339	169	170	154	154	15	16	14	14
Frontal lobe (191.1)	194	98	96	92	93	6	3	4	3
Temporal lobe (191.2)	428	79	49	75	46	4	3	4	2
Parietal lobe (191.3)	125	76	49	71	47	5	2	4	2
Occipital lobe (191.4)	24	12	12	12	12	-	-	-	-
Ventricle (191.5)	19	11	8	11	5	-	3	-	2
Cerebellum (191.6)	185	101	84	95	67	6	17	5	14
Brain stem (191.7)	188	86	102	79	83	7	19	5	17
Other (191.8)	88	44	44	41	41	3	3	3	3
Brain, unspecified (191.9)	9,523	5,210	4,313	4,869	4,043	341	270	282	227
Malignant neoplasms of other and unspecified parts of nervous system (192)	317	160	157	142	140	18	17	14	15
Cranial nerves (192.0)	20	10	10	8	10	2	-	1	-
Cerebral meninges (192.1)	133	62	71	53	60	9	11	7	10
Spinal cord (192.2)	88	47	41	43	38	4	3	3	3
Spinal meninges (192.3)	4	2	2	2	2	-	-	-	-
Other (192.8)	-	-	-	-	-	-	-	-	-
Part unspecified (192.9)	72	39	33	36	30	3	3	3	2
Malignant neoplasm of thyroid gland (193)	993	394	599	351	519	43	80	31	65
Malignant neoplasms of other endocrine glands and related structures (194)	668	330	338	294	287	36	51	33	46
Suprarenal gland (194.0)	535	272	263	243	225	29	38	26	34
Parathyroid gland (194.1)	14	5	9	5	8	-	1	-	1
Pituitary gland and craniopharyngeal duct (194.3)	32	17	15	13	9	4	6	4	5
Pineal gland (194.4)	23	15	8	14	7	1	1	1	1
Carotid body (194.5)	2	1	1	1	-	-	1	-	1
Aortic body and other paraganglia (194.6)	17	5	12	5	11	-	1	-	1
Other (194.8)	2	1	1	-	1	1	-	1	-
Site unspecified (194.9)	43	14	29	13	26	1	3	1	3
Malignant neoplasms of other and ill-defined sites (195)	3,327	1,763	1,564	1,463	1,357	300	207	281	195
Head, face, and neck (195.0)	1,624	1,142	482	920	408	222	74	211	71
Thorax (195.1)	210	6	72	125	66	13	6	11	6
Abdomen (195.2)	1,104	387	717	332	638	55	79	50	74
Pelvis (195.3)	288	40	248	35	205	5	43	5	40
Upper limb (195.4)	12	9	3	9	3	-	-	-	-
Lower limb (195.5)	46	19	27	16	23	3	4	2	3
Other specified sites (195.8)	43	28	15	26	14	2	1	2	1
Malignant neoplasms without specification of site (199)	32,240	16,650	15,590	14,320	13,658	2,330	1,932	2,098	1,735
Disseminated (199.0)	1,894	890	1,004	740	868	150	136	138	130
Other (199.1)	30,346	15,760	14,586	13,580	12,790	2,180	1,796	1,960	1,605

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Malignant neoplasms of genitourinary organs-Con.									
Malignant neoplasm of testis (186)	0.2	0.3	...	0.4	...	0.2	...	0.2	...
Undescended (186.0) .....	...	...	...	...	...	...	...	...	...
Other and unspecified (186.9) .....	.2	.3	..	.4	...	.2	...	.2	...
Malignant neoplasms of penis and other male genital organs (187) .....	.1	.2	...	.2	...	.2	...	.2	...
Prepuce (187.1) .....	...	...	...	...	...	...	...	...	...
Glans penis (187.2) .....	...	...	...	...	...	...	...	...	...
Body of penis (187.3) .....	...	...	...	...	...	...	...	...	...
Penis, part unspecified (187.4) .....	.1	.2	...	.2	...	.1	...	.2	...
Epididymis (187.5) .....	...	...	...	...	...	...	...	...	...
Spermatic cord (187.6) .....	...	...	...	...	...	...	...	...	...
Scrotum (187.7) .....	...	...	...	...	...	...	...	...	...
Other (187.8) .....	...	...	...	...	...	...	...	...	...
Site unspecified (187.9) .....	...	...	...	...	...	...	...	...	...
Malignant neoplasm of bladder (188)	4.1	5.7	2.6	6.2	2.7	2.9	1.9	3.3	2.3
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) .....	...	...	...	...	...	...	...	...	...
Other (188.8) .....	...	...	...	...	...	...	...	...	...
Part unspecified (188.9)	4.1	5.6	2.6	6.2	2.7	2.8	1.9	3.3	2.3
Malignant neoplasms of kidney and other and unspecified urinary organs (189)	4.1	5.1	3.1	5.4	3.3	3.2	2.0	3.6	2.3
Kidney, except pelvis (189.0)	3.8	4.8	2.9	5.1	3.1	3.0	1.7	3.4	2.0
Renal pelvis (189.1) .....	.1	.1	.1	.1	.1	.1	..	..	..
Ureter (189.2) .....	.1	.1	.1	.2	.1	..	..	..	..
Urethra (189.3) .....	.1	.0	.1	.0	.0	..	.2	..	.2
Paraurethral glands (189.4) .....	...	...	...	...	...	...	...	...	...
Other (189.8) .....	...	...	...	...	...	...	...	...	...
Site unspecified (189.9) .....	.0	.0	.0	.0	..	..	..	..	..
Malignant neoplasms of other and unspecified sites (190-199)	19.6	20.9	18.3	21.7	19.4	16.7	12.8	19.2	14.6
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	.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)	4.4	4.9	3.9	5.4	4.3	2.1	1.6	2.2	1.8
Cerebrum, except lobes and ventricles (191.0) .....	.1	.1	.1	.2	.1	..	..	..	..
Frontal lobe (191.1) .....	.1	.1	.1	.1	.1	..	..	..	..
Temporal lobe (191.2) .....	.1	.1	.0	.1	.0	..	..	..	..
Parietal lobe (191.3) .....	.1	.1	.0	.1	.0	..	..	..	..
Occipital lobe (191.4) .....	.0	..	..	..	..	..	..	..	..
Ventricle (191.5) .....	...	...	...	...	...	...	...	...	...
Cerebellum (191.6) .....	.1	.1	.1	.1	.1	..	..	..	..
Brain stem (191.7) .....	.1	.1	.1	.1	.1	..	..	..	..
Other (191.8) .....	.0	.0	.0	.0	.0	..	..	..	..
Brain, unspecified (191.9)	3.8	4.3	3.4	4.8	3.8	1.8	1.3	1.9	1.4
Malignant neoplasms of other and unspecified parts of nervous system (192) .....	.1	.1	.1	.1	.1	..	..	..	..
Cranial nerves (192.0) .....	.0	..	..	..	..	..	..	..	..
Cerebral meninges (192.1) .....	.1	.1	.1	.1	.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	.2	.4	.2	.4
Malignant neoplasms of other endocrine glands and related structures (194) .....	.3	.3	.3	.3	.3	.2	.2	.2	.3
Suprarenal gland (194.0) .....	.2	.2	.2	.2	.2	.2	.2	.2	.2
Parathyroid gland (194.1) .....	...	...	...	...	...	...	...	...	...
Pituitary gland and craniopharyngeal duct (194.3) .....	.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	..	.0	..	..	..	..
Malignant neoplasms of other and ill-defined sites (195)	1.3	1.5	1.2	1.4	1.3	1.6	1.0	1.9	1.2
Head, face, and neck (195.0) .....	.7	.9	.4	.9	.4	1.2	.4	1.5	.4
Thorax (195.1) .....	.1	.1	.1	.1	.1	..	..	..	..
Abdomen (195.2) .....	.4	.3	.6	.3	.6	.3	.4	.3	.5
Pelvis (195.3) .....	.1	.0	.2	.0	.2	..	.2	..	.2
Upper limb (195.4) .....	...	...	...	...	...	...	...	...	...
Lower limb (195.5) .....	.0	..	.0	..	.0	..	..	..	..
Other specified sites (195.8) .....	.0	..	..	..	..	..	..	..	..
Malignant neoplasms without specification of site (199)	13.0	13.8	12.3	14.0	12.8	12.4	9.4	14.4	10.8
Disseminated (199.0)8	.7	.8	.7	.8	.8	.7	.9	.8
Other (199.1)	12.2	13.0	11.5	13.3	12.0	11.6	8.8	13.5	10.0

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	46,751	24,801	21,950	22,146	19,760	2,655	2,190	2,302	1,933
Lymphosarcoma and reticulosarcoma (200)	2,317	1,231	1,086	1,143	1,025	88	61	68	50
Reticulosarcoma (200.0)	740	377	363	357	337	20	26	14	23
Lymphosarcoma (200.1)	1,001	524	477	486	452	38	25	31	20
Burkitt's tumor (200.2)	137	105	32	96	30	9	2	7	2
Other named variants (200.8)	439	225	214	204	206	21	8	16	5
Hodgkin's disease (201)	1,721	1,007	714	892	641	115	73	107	66
Hodgkin's paraneoplasia (201.0)	-	-	-	-	-	-	-	-	-
Hodgkin's granuloma (201.1)	-	-	-	-	-	-	-	-	-
Hodgkin's sarcoma (201.2)	-	-	-	-	-	-	-	-	-
Lymphocytic-histiocytic predominance (201.4)	-	-	-	-	-	-	-	-	-
Nodular sclerosis (201.5)	22	13	9	12	9	1	-	1	-
Mixed cellularity (201.6)	17	12	5	11	4	1	1	1	1
Lymphocytic depletion (201.7)	7	5	2	5	2	-	-	-	-
Unspecified (201.9)	1,675	977	698	864	626	113	72	105	65
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	15,880	8,189	7,691	7,500	7,165	689	526	575	442
Nodular lymphoma (202.0)	234	116	118	113	111	3	7	3	5
Mycosis fungoides (202.1)	160	95	65	77	49	18	16	17	16
Sezary's disease (202.2)	14	8	6	8	5	-	-	-	1
Malignant histiocytosis (202.3)	19	13	6	13	5	-	1	-	-
Leukemic reticuloendotheliosis (202.4)	110	78	32	77	32	1	-	1	-
Letterer-Siwe disease (202.5)	1	-	1	-	1	-	-	-	-
Malignant mast-cell tumor (202.6)	2	2	-	2	-	-	-	-	-
Other lymphomas (202.8)	15,265	7,839	7,426	7,175	6,929	664	497	552	416
Other and unspecified (202.9)	75	38	37	35	33	3	4	2	4
Multiple myeloma and immunoproliferative neoplasms (203)	8,587	4,335	4,252	3,600	3,506	735	746	684	703
Multiple myeloma (203.0)	8,521	4,303	4,218	3,575	3,480	728	738	677	695
Plasma cell leukemia (203.1)	50	25	25	19	19	6	6	6	6
Other immunoproliferative neoplasms (203.8)	16	7	9	6	7	1	2	1	2
Lymphoid leukemia (204)	5,390	3,105	2,285	2,805	2,062	300	223	271	197
Acute (204.0)	1,501	880	621	785	543	95	78	74	60
Chronic (204.1)	3,523	2,019	1,504	1,833	1,368	186	136	180	129
Subacute (204.2)	2	1	1	1	1	-	-	-	-
Other (204.8)	1	1	-	1	-	-	-	-	-
Unspecified (204.9)	363	204	159	185	150	19	9	17	8
Myeloid leukemia (205)	7,477	4,069	3,408	3,641	3,080	428	328	351	275
Acute (205.0)	4,982	2,652	2,330	2,405	2,133	247	197	199	154
Chronic (205.1)	2,198	1,248	950	1,078	830	170	120	141	110
Subacute (205.2)	12	10	10	12	10	-	-	-	-
Myeloid sarcoma (205.3)	23	12	3	9	3	1	-	1	-
Other (205.8)	2	1	1	1	1	-	-	-	-
Unspecified (205.9)	260	146	114	136	103	10	11	10	11
Monocytic leukemia (206)	278	151	127	137	117	14	10	12	8
Acute (206.0)	215	116	99	106	91	10	8	8	6
Chronic (206.1)	25	15	10	14	10	1	-	1	-
Subacute (206.2)	2	1	1	1	1	-	-	-	-
Other (206.8)	-	-	-	-	-	-	-	-	-
Unspecified (206.9)	36	19	17	16	15	3	2	3	2
Other specified leukemia (207)	214	118	96	104	87	14	9	12	8
Acute erythremia and erythroleukemia (207.0)	102	59	43	54	37	5	6	4	5
Chronic erythremia (207.1)	-	-	-	-	-	-	-	-	-
Megakaryocytic leukemia (207.2)	48	25	23	21	23	4	-	3	-
Other (207.8)	64	34	30	29	27	5	3	5	3
Leukemia of unspecified cell type (208)	4,887	2,596	2,291	2,324	2,077	272	214	222	184
Acute (208.0)	2,918	1,546	1,372	1,390	1,245	156	127	121	103
Chronic (208.1)	168	80	88	74	81	6	7	5	7
Subacute (208.2)	8	4	4	4	4	-	-	-	-
Other (208.8)	36	20	16	17	14	3	2	2	2
Unspecified (208.9)	1,757	946	811	839	733	107	78	94	72
Benign neoplasms (210-229)	1,456	569	887	460	735	109	152	95	136
Benign neoplasms of lip, oral cavity, and pharynx (210)	2	1	1	1	1	-	-	-	-
Lip (210.0)	-	-	-	-	-	-	-	-	-
Tongue (210.1)	-	-	-	-	-	-	-	-	-
Major salivary glands (210.2)	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)	-	-	-	-	-	-	-	-	-
Benign neoplasms of other parts of digestive system (211)	106	54	52	46	42	8	10	6	9
Esophagus (211.0)	-	-	-	-	-	-	-	-	-
Stomach (211.1)	9	3	6	3	4	-	2	-	2
Small intestine, including duodenum (211.2)	3	1	2	1	2	-	-	-	-
Colon (211.3)	49	30	19	26	18	4	1	4	1
Rectum and anal canal (211.4)	3	1	2	1	1	-	1	-	1
Liver and biliary passages (211.5)	7	3	4	3	1	-	3	-	3
Pancreas, except islets of Langerhans (211.6)	6	3	3	2	2	1	1	1	1
Islets of Langerhans (211.7)	23	10	13	8	12	2	1	1	1
Retropitoneum and peritoneum (211.8)	2	2	-	1	-	1	-	-	-
Other and unspecified site (211.9)	4	1	3	1	2	-	1	-	-
Benign neoplasms of respiratory and intrathoracic organs (212)	88	41	47	25	40	16	7	13	6
Nasal cavities, middle ear, and accessory sinuses (212.0)	2	-	2	-	2	-	-	-	-
Larynx (212.1)	5	4	1	2	-	2	1	2	1
Trachea (212.2)	3	3	-	-	-	3	-	2	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Benign neoplasms of respiratory and intrathoracic organs-Con.									
Bronchus and lung (212.3)	8	4	4	2	4	2	-	2	-
Pleura (212.4)	1	1	-	-	-	1	-	1	-
Mediastinum (212.5)	2	2	-	1	-	1	-	1	-
Thymus (212.6)	21	12	9	11	7	1	2	1	1
Heart (212.7)	46	15	31	9	27	6	4	4	4
Other specified sites (212.8)	-	-	-	-	-	-	-	-	-
Site unspecified (212.9)	-	-	-	-	-	-	-	-	-
Benign neoplasms of bone and articular cartilage (213)	10	4	6	3	6	1	-	1	-
Bones of skull and face (213.0)	2	2	-	1	-	1	-	1	-
Lower jaw bone (213.1)	5	2	3	2	3	-	-	-	-
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)	1	-	1	-	1	-	-	-	-
Lower limb, long bones (213.7)	-	-	-	-	-	-	-	-	-
Lower limb, short bones (213.8)	-	-	-	-	-	-	-	-	-
Site unspecified (213.9)	2	-	2	-	2	-	-	-	-
Lipoma (214)	6	2	4	2	4	-	-	-	-
Other benign neoplasms of connective and other soft tissue (215)	30	15	15	14	12	1	3	-	3
Head, face, and neck (215.0)	-	-	-	-	-	-	-	-	-
Upper limb, including shoulder (215.2)	-	-	-	-	-	-	-	-	-
Lower limb, including hip (215.3)	1	-	1	-	1	-	-	-	-
Thorax (215.4)	1	-	1	-	1	-	-	-	-
Abdomen (215.5)	1	1	-	1	-	-	-	-	-
Pelvis (215.6)	1	-	1	-	-	-	1	-	1
Trunk, unspecified (215.7)	-	-	-	-	-	-	-	-	-
Other specified sites (215.8)	1	1	-	1	-	-	-	-	-
Site unspecified (215.9)	25	13	12	12	10	1	2	-	2
Benign neoplasms of skin (216)	28	13	15	13	14	-	1	-	1
Skin of lip (216.0)	-	-	-	-	-	-	-	-	-
Eyelid, including canthus (216.1)	-	-	-	-	-	-	-	-	-
Ear and external auricular canal (216.2)	1	1	-	1	-	-	-	-	-
Skin of other and unspecified parts of face (216.3)	-	-	-	-	-	-	-	-	-
Scalp and skin of neck (216.4)	2	1	1	1	1	-	-	-	-
Skin of trunk, except scrotum (216.5)	4	4	-	4	-	-	-	-	-
Skin of upper limb, including shoulder (216.6)	-	-	-	-	-	-	-	-	-
Skin of lower limb, including hip (216.7)	1	-	1	-	1	-	-	-	-
Other (216.8)	-	-	-	-	-	-	-	-	-
Site unspecified (216.9)	20	7	13	7	12	-	1	-	1
Benign neoplasm of breast (217)	-	-	-	-	-	-	-	-	-
Uterine leiomyoma (218)	9	...	9	...	4	...	5	...	5
Other benign neoplasm of uterus (219)	4	...	4	...	4	...	-	...	-
Cervix uteri (219.0)	1	...	1	...	1	...	-	...	-
Corpus uteri (219.1)	-	...	-	...	-	...	-	...	-
Other specified parts (219.8)	-	...	-	...	-	...	-	...	-
Part unspecified (219.9)	3	...	3	...	3	...	-	...	-
Benign neoplasm of ovary (220)	11	...	11	...	8	...	3	...	3
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)	8	3	5	3	5	-	-	-	-
Kidney, except pelvis (223.0)	7	3	4	3	4	-	-	-	-
Renal pelvis (223.1)	-	-	-	-	-	-	-	-	-
Ureter (223.2)	1	-	1	-	1	-	-	-	-
Bladder (223.3)	-	-	-	-	-	-	-	-	-
Other specified sites (223.8)	-	-	-	-	-	-	-	-	-
Site unspecified (223.9)	-	-	-	-	-	-	-	-	-
Benign neoplasm of eye (224)	1	-	1	-	1	-	-	-	-
Eyeball, except conjunctiva, cornea, retina, and choroid (224.0)	-	-	-	-	-	-	-	-	-
Orbit (224.1)	1	-	1	-	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)	921	321	600	271	502	50	98	45	88
Brain (225.0)	136	59	77	50	64	9	13	9	10
Cranial nerves (225.1)	37	15	22	15	21	-	1	-	1
Cerebral meninges (225.2)	740	243	497	203	413	40	84	35	77
Spinal cord (225.3)	3	2	1	2	1	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—Con.

(Page 31 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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Benign neoplasms of brain and other parts of nervous system-Con.									
Spinal meninges (225.4)	4	2	2	1	2	1	-	1	-
Other (225.8)	-	-	-	-	-	-	-	-	-
Part unspecified (225.9)	1	-	1	-	1	-	-	-	-
Benign neoplasm of thyroid gland (226)	2	1	1	1	-	-	1	-	1
Benign neoplasms of other endocrine glands and related structures (227)	123	55	68	35	48	20	20	18	18
Suprarenal gland (227.0)	22	7	15	5	13	2	2	2	2
Parathyroid gland (227.1)	11	2	9	1	7	1	2	1	2
Pituitary gland and craniopharyngeal duct (227.3)	89	46	43	29	27	17	16	15	14
Pineal gland (227.4)	-	-	-	-	-	-	-	-	-
Carotid body (227.5)	-	-	-	-	-	-	-	-	-
Aortic body and other paraganglia (227.6)	1	-	1	-	1	-	-	-	-
Other (227.8)	-	-	-	-	-	-	-	-	-
Site unspecified (227.9)	-	-	-	-	-	-	-	-	-
Hemangioma and lymphangioma, any site (228)	82	51	31	40	27	11	4	10	2
Hemangioma, any site (228.0)	43	25	18	20	15	5	3	4	1
Lymphangioma, any site (228.1)	39	26	13	20	12	6	1	6	1
Benign neoplasms of other and unspecified sites (229)	25	8	17	6	17	2	-	2	-
Lymph nodes (229.0)	-	-	-	-	-	-	-	-	-
Other specified sites (229.8)	7	1	6	1	6	-	-	-	-
Site unspecified (229.9)	18	7	11	5	11	2	-	2	-
Carcinoma in situ (230-234)	10	5	5	5	5	-	-	-	-
Carcinoma in situ of digestive organs (230)	3	2	1	2	1	-	-	-	-
Lip, oral cavity, and pharynx (230.0)	1	1	-	1	-	-	-	-	-
Esophagus (230.1)	-	-	-	-	-	-	-	-	-
Stomach (230.2)	1	1	-	1	-	-	-	-	-
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)	1	-	1	-	1	-	-	-	-
Larynx (231.0)	-	-	-	-	-	-	-	-	-
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)	5	2	3	2	3	-	-	-	-
Breast (233.0)	2	-	2	-	2	-	-	-	-
Cervix uteri (233.1)	1	...	-	...	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)	2	2	-	2	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-
Site unspecified (234.9)	1	1	-	1	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	1,662	821	841	748	755	73	86	66	70
Neoplasms of uncertain behavior of digestive and respiratory systems (235)	128	56	72	48	59	8	13	7	13
Major salivary glands (235.0)	1	-	1	-	-	-	1	-	1
Lip, oral cavity, and pharynx (235.1)	-	-	-	-	-	-	-	-	-
Stomach, intestines, and rectum (235.2)	19	25	34	22	29	3	5	3	5
Liver and biliary passages (235.3)	53	5	8	4	6	1	2	1	2
Retroperitoneum and peritoneum (235.4)	4	1	3	1	2	-	1	-	1
Other and unspecified digestive organs (235.5)	11	7	4	7	3	-	1	-	1
Larynx (235.6)	-	-	-	-	-	-	-	-	-
Trachea, bronchus, and lung (235.7)	34	15	19	11	16	4	3	3	3
Pleura, thymus, and mediastinum (235.8)	6	3	3	3	3	-	-	-	-
Other and unspecified respiratory organs (235.9)	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior of genitourinary organs (236)	20	7	13	4	12	3	1	3	-
Uterus (236.0)	-	...	-	...	-	...	-	...	-
Placenta (236.1)	1	...	1	...	1	...	-	...	-
Ovary (236.2)	3	...	3	...	2	...	1	...	-
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)	3	2	1	1	1	1	-	1	-
Other and unspecified urinary organs (236.9)	13	5	8	3	8	2	-	2	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—Con.

(Page 33 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 J]

Cause of death	Number								
	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Neoplasms of uncertain behavior-Con.									
Neoplasms of uncertain behavior of endocrine glands and nervous system (237)	186	102	84	82	69	20	15	18	12
Pituitary gland and craniopharyngeal duct (237.0)	72	29	43	22	37	7	6	6	4
Pineal gland (237.1)	5	4	1	3	1	1	-	-	-
Suprarenal gland (237.2)	-	-	-	-	-	-	-	-	-
Paraganglia (237.3)	13	8	5	7	5	1	-	1	-
Other and unspecified endocrine glands (237.4)	1	1	-	-	-	-	-	-	-
Brain and spinal cord (237.5)	24	14	10	13	6	1	4	1	4
Meninges (237.6)	-	-	-	-	-	-	-	-	-
Neurofibromatosis (237.7)	71	46	25	37	20	9	5	9	4
Other and unspecified parts of nervous system (237.9)	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior of other and unspecified sites and tissues (238)	1,328	656	672	614	615	42	57	38	45
Bone and articular cartilage (238.0)	10	3	7	2	2	1	5	-	5
Connective and other soft tissue (238.1)	26	8	18	8	13	-	5	-	3
Skin (238.2)	1	-	-	1	-	-	-	-	-
Breast (238.3)	6	-	6	-	5	-	1	-	1
Polycythemia vera (238.4)	359	160	199	150	191	10	8	10	6
Histiocytic and mast cells (238.5)	-	-	-	-	-	-	-	-	-
Plasma cells (238.6)	50	25	25	21	21	4	4	4	4
Other lymphatic and hematopoietic tissues (238.7)	769	401	368	378	337	23	31	20	23
Other specified sites (238.8)	9	6	3	4	3	2	-	2	-
Site unspecified (238.9)	98	52	46	50	43	2	3	2	3
Neoplasms of unspecified nature (239)	3,573	1,653	1,920	1,472	1,678	181	242	160	215
Neoplasms of unspecified nature (239)	3,573	1,653	1,920	1,472	1,678	181	242	160	215
Digestive system (239.0)	324	147	177	127	149	20	28	15	24
Respiratory system (239.1)	353	191	162	177	152	14	10	13	9
Bone, soft tissue, and skin (239.2)	25	14	11	13	11	1	-	1	-
Breast (239.3)	7	-	7	-	6	-	1	-	1
Bladder (239.4)	30	19	11	16	9	3	2	3	2
Other genitourinary organs (239.5)	62	16	46	11	38	5	8	5	6
Brain (239.6)	2,298	1,064	1,234	956	1,097	108	137	97	126
Endocrine glands, and other parts of nervous system (239.7)	157	78	79	68	61	10	18	9	18
Other specified sites (239.8)	215	69	146	57	115	12	31	10	25
Site unspecified (239.9)	102	55	47	47	40	8	7	7	6
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)									
Disorders of thyroid gland (240-246)	887	191	696	156	589	35	107	32	102
Simple and unspecified goiter (240)	34	4	30	2	19	2	11	2	11
Goiter, specified as simple (240.0)	-	-	-	-	-	-	-	-	-
Goiter, unspecified (240.9)	34	4	30	2	19	2	11	2	11
Nontoxic nodular goiter (241)	12	1	11	1	8	-	3	-	3
Nontoxic uninodular goiter (241.0)	4	-	4	-	4	-	-	-	-
Nontoxic multinodular goiter (241.1)	6	1	5	1	2	-	3	-	3
Unspecified (241.9)	2	-	2	-	2	-	-	-	-
Thyrotoxicosis with or without goiter (242)	139	30	109	24	79	6	30	5	28
Toxic diffuse goiter (242.0)	17	2	15	-	11	2	4	2	3
Toxic uninodular goiter (242.1)	-	-	-	-	-	-	-	-	-
Toxic multinodular goiter (242.2)	-	-	-	-	-	-	-	-	-
Toxic nodular goiter, unspecified (242.3)	1	-	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)	120	27	93	23	67	4	26	3	25
Congenital hypothyroidism (243)	5	1	4	1	3	-	1	-	1
Acquired hypothyroidism (244)	668	146	522	120	463	26	59	25	56
Other postablative hypothyroidism (244.1)	-	-	-	-	-	-	-	-	-
Iodine hypothyroidism (244.2)	-	-	-	-	-	-	-	-	-
Other iatrogenic hypothyroidism (244.3)	-	-	-	-	-	-	-	-	-
Other (244.8)	-	-	-	-	-	-	-	-	-
Unspecified hypothyroidism (244.9)	668	146	522	120	463	26	59	25	56
Thyroiditis (245)	13	6	7	6	7	-	-	-	-
Acute thyroiditis (245.0)	-	-	-	-	-	-	-	-	-
Subacute thyroiditis (245.1)	-	-	-	-	-	-	-	-	-
Chronic lymphocytic thyroiditis (245.2)	6	1	5	1	5	-	-	-	-
Chronic fibrous thyroiditis (245.3)	2	1	1	1	1	-	-	-	-
Iatrogenic thyroiditis (245.4)	1	1	-	1	-	-	-	-	-
Other and unspecified chronic thyroiditis (245.8)	2	1	1	1	1	-	-	-	-
Unspecified (245.9)	2	2	-	2	-	-	-	-	-
Other disorders of thyroid (246)	16	3	13	2	10	1	3	-	3
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)	3	-	3	-	3	-	-	-	-
Unspecified (246.9)	13	3	10	2	7	1	3	-	3
Diseases of other endocrine glands (250-259)	47,637	20,056	27,581	16,526	22,163	3,530	5,418	3,148	4,961
Diabetes mellitus (250)	46,833	19,730	27,103	16,282	21,771	3,448	5,332	3,072	4,883
Diabetes mellitus without mention of complication (250.0)	35,102	14,847	20,455	12,298	16,750	2,349	3,705	2,073	3,391
Diabetes with ketoacidosis (250.1)	1,858	864	994	623	767	241	227	229	215
Diabetes with coma (250.2)	1,275	485	790	346	602	139	188	128	177
Diabetes with renal manifestations (250.3)	3,700	1,613	2,087	1,240	1,538	373	549	325	484
Diabetes with ophthalmic manifestations (250.4)	95	34	61	27	51	7	10	5	10
Diabetes with neurological manifestations (250.5)	331	144	187	128	158	16	29	15	27
Diabetes with peripheral circulatory disorders (250.6)	3,262	1,511	1,751	1,287	1,354	224	397	206	364

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	*	*	*
Pituitary gland and cranio-pharyngeal 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	.6	.6	.2	0.3	0.3	0.3
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	.0	.0	*	*	*	*
Other lymphatic and hematopoietic tissues (238.7)	.3	.3	.3	.4	.3	.1	.2	.1	.1
Other specified sites (238.8)	*	*	*	*	*	*	*	*	*
Site unspecified (238.9)	.0	.0	.0	.0	.0	*	*	*	*
Neoplasms of unspecified nature (239)	1.4	1.4	1.5	1.4	1.6	1.0	1.2	1.1	1.3
Neoplasms of unspecified nature (239)	1.4	1.4	1.5	1.4	1.6	1.0	1.2	1.1	1.3
Digestive system (239.0)	.1	.1	.1	.1	.1	.1	.1	*	.1
Respiratory system (239.1)	.1	.2	.1	.2	.1	*	*	*	*
Bone, soft tissue, and skin (239.2)	.0	*	*	*	*	*	*	*	*
Breast (239.3)	*	*	*	*	*	*	*	*	*
Bladder (239.4)	.0	*	*	*	*	*	*	*	*
Other genitourinary organs (239.5)	.0	*	.0	*	.0	*	*	*	*
Brain (239.6)	.9	.9	1.0	.9	1.0	.6	.7	.7	.8
Endocrine glands, and other parts of nervous system (239.7)	.1	.1	.1	.1	.1	*	*	*	*
Other specified sites (239.8)	.1	.1	.1	.1	.1	*	.2	*	.2
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	.5	.2	.6	.2	.5	.2	.6
Simple and unspecified goiter (240)	.0	*	.0	*	*	*	*	*	*
Goiter, specified as simple (240.0)	*	*	*	*	*	*	*	*	*
Goiter, unspecified (240.9)	.0	*	.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	*	.1	*	.2
Toxic diffuse goiter (242.0)	*	*	*	*	*	*	*	*	*
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	*	.1	*	.2
Congenital hypothyroidism (243)	*	*	*	*	*	*	*	*	*
Acquired hypothyroidism (244)	.3	.1	.4	.1	.4	.1	.3	.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	.4	.1	.3	.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)	*	*	*	*	*	*	*	*	*
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)	19.2	16.6	21.7	16.2	20.8	18.8	26.4	21.6	30.6
Diabetes mellitus (250)	18.9	16.3	21.3	15.9	20.4	18.4	26.0	21.1	30.3
Diabetes mellitus without mention of complication (250.0)	14.1	12.1	16.1	12.0	15.7	12.5	18.1	14.3	21.0
Diabetes with ketoacidosis (250.1)	.7	.7	.8	.6	.7	1.3	1.1	1.6	1.3
Diabetes with coma (250.2)	.5	.4	.6	.3	.6	.7	.9	.9	1.1
Diabetes with renal manifestations (250.3)	1.5	1.3	1.6	1.2	1.4	2.0	2.7	2.2	3.0
Diabetes with ophthalmic manifestations (250.4)	.0	.0	.0	.0	.0	*	*	*	*
Diabetes with neurological manifestations (250.5)	.1	.1	.1	.1	.1	*	.1	*	.2
Diabetes with peripheral circulatory disorders (250.6)	1.3	1.2	1.4	1.3	1.3	1.2	1.9	1.4	2.3

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	1	1	-	1	-	-	-	-	-
Thiamine and niacin deficiency states (265)	16	11	5	10	5	1	-	-	-
Beriberi (265.0)	1	1	-	1	-	-	-	-	-
Other and unspecified manifestations of thiamine deficiency (265.1)	14	9	5	8	5	1	-	-	-
Pellagra (265.2)	1	1	-	1	-	-	-	-	-
Deficiency of B-complex components (266)	8	4	4	4	4	-	-	-	-
Anoblastinosis (266.0)	-	-	-	-	-	-	-	-	-
Vitamin B6 deficiency (266.1)	-	-	-	-	-	-	-	-	-
Other B-complex deficiencies (266.2)	8	4	4	4	4	-	-	-	-
Unspecified vitamin B deficiency (266.9)	-	-	-	-	-	-	-	-	-
Ascorbic acid deficiency (267)	1	1	-	-	-	1	-	1	-
Vitamin D deficiency (268)	5	2	3	2	2	-	1	-	1
Rickets, active (268.0)	-	-	-	-	-	-	-	-	-
Rickets, late effect (268.1)	-	-	-	-	-	-	-	-	-
Osteomalacia (268.2)	4	2	2	2	1	-	1	-	1
Unspecified (268.9)	1	-	1	-	1	-	-	-	-
Other nutritional deficiencies (269)	109	32	77	25	66	7	11	6	10
Deficiency of vitamin K (269.0)	1	-	1	-	1	-	-	-	-
Deficiency of other vitamins (269.1)	1	1	-	1	-	-	-	-	-
Unspecified vitamin deficiency (269.2)	-	-	-	-	-	-	-	-	-
Mineral deficiency, not elsewhere classified (269.3)	-	-	-	-	-	-	-	-	-
Other nutritional deficiency (269.8)	2	-	2	-	2	-	-	-	-
Unspecified (269.9)	105	31	74	24	63	7	11	6	10
Other metabolic disorders and immunity disorders (270-279)	11,116	5,185	5,931	4,279	4,896	906	1,035	833	984
Disorders of amino-acid transport and metabolism (270)	84	50	34	42	28	8	6	6	5
Disturbances of amino-acid transport (270.0)	5	4	1	3	1	1	-	1	-
Phenylketonuria (270.1)	2	1	1	1	1	-	-	-	-
Other disturbances of aromatic amino-acid metabolism (270.2)	3	3	-	3	-	-	-	-	-
Disturbances of branched-chain amino-acid metabolism (270.3)	6	1	5	1	4	-	1	-	1
Disturbances of sulphur-bearing amino-acid metabolism (270.4)	2	1	1	1	1	-	-	-	-
Disturbances of histidine metabolism (270.5)	-	-	-	-	-	-	-	-	-
Disorders of urea cycle metabolism (270.6)	44	28	16	23	11	5	5	4	4
Other disturbances of straight-chain amino-acid metabolism (270.7)	18	9	9	7	9	2	-	1	-
Other (270.8)	3	2	1	2	1	-	-	-	-
Unspecified (270.9)	1	1	-	1	-	-	-	-	-
Disorders of carbohydrate transport and metabolism (271)	29	14	15	10	9	4	6	3	6
Glycogenosis (271.0)	16	6	10	4	4	2	6	2	6
Galactosemia (271.1)	-	-	-	-	-	-	-	-	-
Hereditary fructose intolerance (271.2)	-	-	-	-	-	-	-	-	-
Intestinal disaccharidase deficiencies and disaccharide malabsorption (271.3)	7	5	2	4	2	1	-	1	-
Renal glycosuria (271.4)	3	2	1	2	1	-	-	-	-
Other (271.8)	3	1	2	2	2	1	-	-	-
Unspecified (271.9)	-	-	-	-	-	-	-	-	-
Disorders of lipid metabolism (272)	1,293	641	652	586	595	55	57	44	52
Pure hypercholesterolemia (272.0)	571	288	283	260	259	28	24	24	23
Pure hyperglycendemia (272.1)	22	12	10	12	10	-	-	-	-
Mixed hyperlipidemia (272.2)	11	5	6	4	6	1	-	-	-
Hyperchylomicronemia (272.3)	-	-	-	-	-	-	-	-	-
Other and unspecified hyperlipidemia (272.4)	604	292	312	271	286	21	26	17	24
Lipoprotein deficiencies (272.5)	6	3	3	3	3	-	-	-	-
Lipodystrophy (272.6)	3	1	2	1	2	-	-	-	-
Lipidoses (272.7)	65	36	29	31	25	5	4	3	2
Other disorders of lipid metabolism (272.8)	8	2	6	2	3	-	3	-	3
Unspecified disorders of lipid metabolism (272.9)	3	2	1	2	1	-	-	-	-
Disorders of plasma protein metabolism (273)	511	243	268	224	248	19	20	17	18
Polyclonal hypergammaglobulinemia (273.0)	-	-	-	-	-	-	-	-	-
Monoclonal paraproteinemia (273.1)	33	22	11	18	9	4	2	4	2
Other paraproteinemias (273.2)	44	19	25	18	23	1	2	1	2
Macroglobulinemia (273.3)	262	143	119	135	117	8	2	6	2
Other (273.8)	157	49	108	43	95	6	13	6	11
Unspecified (273.9)	15	10	5	10	4	-	1	-	1
Gout (274)	71	50	21	33	13	17	8	14	7
Gouty arthropathy (274.0)	13	10	3	4	-	6	3	5	3
Gouty nephropathy (274.1)	13	8	5	5	2	3	3	3	3
Gout with other manifestations (274.8)	-	-	-	-	-	-	-	-	-
Unspecified (274.9)	45	32	13	24	11	8	2	6	1
Disorders of mineral metabolism (275)	380	187	173	160	141	27	32	22	29
Disorders of iron metabolism (275.0)	178	108	70	100	59	8	11	6	9
Disorders of copper metabolism (275.1)	14	6	8	6	7	-	1	-	-
Disorders of magnesium metabolism (275.2)	5	2	3	1	3	1	-	1	-
Disorders of phosphorus metabolism (275.3)	17	10	7	7	5	3	2	1	2
Disorders of calcium metabolism (275.4)	146	61	85	46	67	15	18	14	18
Other (275.8)	-	-	-	-	-	-	-	-	-
Unspecified (275.9)	-	-	-	-	-	-	-	-	-
Disorders of fluid, electrolyte, and acid-base balance (276)	4,955	1,990	2,965	1,567	2,444	423	521	399	505
Hyposmolality and/or hyponatremia (276.0)	246	120	126	92	91	28	35	25	35
Hypersmolality and/or hypernatremia (276.1)	197	75	122	61	107	14	15	13	15

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	4.6	4.8	5.0	5.7	6.1
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	.	.	.	.	.
Other disturbances of straight-chain amino-acid metabolism (270.7)	.	.	.	.	.	.	.	.	.
Other (270.8)	.	.	.	.	.	.	.	.	.
Unspecified (270.9)	.	.	.	.	.	.	.	.	.
Disorders of carbohydrate transport and metabolism (271)	.0	.	.	.	.	.	.	.	.
Glycogenosis (271.0)	.	.	.	.	.	.	.	.	.
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 lipid metabolism (272)	.5	.5	.5	.6	.6	.3	.3	.3	.3
Pure hypercholesterolemia (272.0)	.2	.2	.2	.3	.2	.1	.1	.2	.1
Pure hyperglyceridemia (272.1)	.0	.	.	.	.	.	.	.	.
Mixed hyperlipidemia (272.2)	.	.	.	.	.	.	.	.	.
Hyperchylomicronemia (272.3)	.	.	.	.	.	.	.	.	.
Other and unspecified hyperlipidemia (272.4)	.2	.2	.2	.3	.3	.1	.1	.	.1
Lipoprotein deficiencies (272.5)	.	.	.	.	.	.	.	.	.
Lipodystrophy (272.6)	.	.	.	.	.	.	.	.	.
Lipidoses (272.7)	.0	.0	.0	.0	.0	.	.	.	.
Other disorders of lipid metabolism (272.8)	.	.	.	.	.	.	.	.	.
Unspecified disorders of lipid metabolism (272.9)	.	.	.	.	.	.	.	.	.
Disorders of plasma protein metabolism (273)	.2	.2	.2	.2	.2	.	.1	.	.
Polyclonal hypergammaglobulinemia (273.0)	.	.	.	.	.	.	.	.	.
Monoclonal paraproteinemia (273.1)	.0	.0	.	.	.	.	.	.	.
Other paraproteinemias (273.2)	.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	.	.	.	.	.
Gouty arthropathy (274.0)	.	.	.	.	.	.	.	.	.
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	.1	.2	.2	.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)	.1	.1	.1	.0	.1	.	.	.	.
Other (275.8)	.	.	.	.	.	.	.	.	.
Unspecified (275.9)	.	.	.	.	.	.	.	.	.
Disorders of fluid, electrolyte, and acid-base balance (276)	2.0	1.6	2.3	1.5	2.3	2.3	2.5	2.7	3.1
Hyperosmolality and/or hyponatremia (276.0)	.1	.1	.1	.1	.1	.1	.2	.2	.2
Hyposmolality and/or hyponatremia (276.1)	.1	.1	.1	.1	.1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Disorders of fluid, electrolyte, and acid-base balance-Con.									
Acidosis (276.2)	833	400	433	293	322	107	111	103	106
Alkalosis (276.3)	14	5	9	3	9	2	-	2	-
Mixed acid-base balance disorder (276.4)	1	1	-	1	-	-	-	-	-
Volume depletion (276.5)	2,905	1,082	1,823	877	1,553	205	270	192	263
Fluid overload (276.6)	35	15	19	11	15	5	4	4	4
Hyperpotassemia (276.7)	244	111	133	82	95	29	38	28	36
Hypopotassemia (276.8)	102	40	62	30	49	10	13	9	12
Electrolyte and fluid disorders, not elsewhere classified (276.9)	378	140	238	117	203	23	35	23	34
Other and unspecified disorders of metabolism (277)	1,607	853	754	748	642	105	112	99	102
Cystic fibrosis (277.0)	428	222	206	212	192	10	14	10	13
Disorders of porphyrin metabolism (277.1)	5	2	3	2	3	-	-	-	-
Other disorders of porphyrin and pyrimidine metabolism (277.2)	2	2	-	2	-	-	-	-	-
Amyloidosis (277.3)	614	333	281	287	226	46	55	44	52
Disorders of bilirubin excretion (277.4)	7	5	2	3	2	-	-	-	-
Mucopolysaccharidosis (277.5)	59	40	19	33	16	7	3	7	2
Other deficiencies of circulating enzymes (277.6)	144	79	65	79	64	-	1	-	1
Other (277.8)	40	20	20	18	17	2	3	1	2
Unspecified (277.9)	308	150	158	112	122	38	36	35	32
Obesity and other hyperalimentation (278)	1,474	640	834	529	608	111	225	103	219
Obesity (278.0)	1,339	578	761	476	554	102	207	96	200
Localized adiposity (278.1)	-	-	-	-	-	-	-	-	-
Hypervitaminosis A (278.2)	-	-	-	-	-	-	-	-	-
Hypercarotinemia (278.3)	-	-	-	-	-	-	-	-	-
Hypervitaminosis D (278.4)	-	-	-	-	-	-	-	-	-
Other (278.8)	135	62	73	53	54	9	19	7	19
Disorders involving the immune mechanism (279)	732	517	215	380	168	137	47	126	41
Deficiency of humoral immunity (279.0)	27	16	11	13	9	3	2	2	1
Deficiency of cell-mediated immunity (279.1)	16	15	1	13	1	2	-	1	-
Combined immunity deficiency (279.2)	33	20	13	14	10	6	3	6	3
Unspecified immunity deficiency (279.3)	428	292	136	225	104	67	32	59	28
Autoimmune disease, not elsewhere classified (279.4)	211	164	47	108	39	56	8	55	7
Other (279.8)	12	6	6	3	4	3	2	3	2
Unspecified (279.9)	5	4	1	4	1	-	-	-	-
IV. Diseases of the blood and blood-forming organs (280-289)									
Diseases of the blood and blood-forming organs (280-289)	8,590	4,152	4,438	3,403	3,664	749	774	695	706
Iron deficiency anemias (280)	94	26	68	21	65	5	3	5	3
Other deficiency anemias (281)	179	64	115	52	101	12	14	11	13
Pernicious anemia (281.0)	103	35	68	32	62	3	6	2	5
Other vitamin-B12-deficiency anemia (281.1)	1	1	-	1	-	-	-	-	-
Folate-deficiency anemia (281.2)	13	5	8	5	8	-	-	-	-
Other specified megaloblastic anemias, not elsewhere classified (281.3)	-	-	-	-	-	-	-	-	-
Protein-deficiency anemia (281.4)	3	2	1	-	1	2	-	2	-
Anemia associated with other specified nutritional deficiency (281.8)	6	4	2	4	1	-	1	-	1
Unspecified (281.9)	53	17	36	10	29	7	7	7	7
Hereditary hemolytic anemias (282)	641	302	339	91	119	211	220	207	211
Hereditary spherocytosis (282.0)	3	1	2	1	2	-	-	-	-
Hereditary elliptocytosis (282.1)	-	-	-	-	-	-	-	-	-
Anemia due to disorders of glutathione metabolism (282.2)	1	1	-	-	-	1	-	1	-
Other hemolytic anemias due to enzyme deficiency (282.3)	6	3	3	2	2	1	1	1	1
Thalassemias (282.4)	38	14	24	9	13	5	11	3	5
Sickle-cell trait (282.5)	5	2	3	-	3	2	3	2	3
Sickle-cell anemia (282.6)	389	197	192	2	3	195	189	195	189
Other hemoglobinopathies (282.7)	3	2	1	-	1	2	-	-	-
Other (282.8)	3	1	2	-	2	1	-	1	-
Unspecified (282.9)	193	81	112	77	96	4	16	4	13
Acquired hemolytic anemias (283)	169	60	109	52	96	8	13	7	13
Autoimmune hemolytic anemias (283.0)	95	29	66	28	57	1	9	1	9
Non-autoimmune hemolytic anemias (283.1)	42	16	26	12	24	4	2	4	2
Hemoglobinuria due to hemolysis from external causes (283.2)	12	7	5	5	4	2	1	1	1
Unspecified (283.9)	20	8	12	7	11	1	1	1	1
Aplastic anemia (284)	1,282	614	668	543	601	71	67	63	51
Constitutional aplastic anemia (284.0)	28	17	11	16	9	1	2	1	1
Other (284.8)	427	200	227	173	206	27	21	25	15
Unspecified (284.9)	827	397	430	354	386	43	44	37	35
Other and unspecified anemias (285)	1,628	622	1,006	508	840	114	166	108	160
Sideroblastic anemia (285.0)	161	78	83	76	78	2	5	2	4
Acute posthemorrhagic anemia (285.1)	13	6	7	6	7	-	-	-	-
Other specified anemias (285.8)	43	21	22	21	21	-	1	-	1
Anemia, unspecified (285.9)	1,411	517	894	405	734	112	160	106	155
Coagulation defects (286)	1,238	661	577	502	435	159	142	148	130
Congenital factor VIII disorder (286.0)	75	70	5	64	3	6	2	5	2
Congenital factor IX disorder (286.1)	6	4	2	4	2	-	-	-	-
Congenital factor XI deficiency (286.2)	1	1	-	-	-	1	-	-	-
Congenital deficiency of other clotting factors (286.3)	28	9	19	7	17	2	2	2	2
von Willebrand's disease (286.4)	4	3	1	3	1	-	-	-	-
Hemorrhagic disorder due to circulating anticoagulants (286.5)	8	3	5	2	5	1	-	1	-
Defibrination syndrome (286.6)	731	357	374	254	275	103	99	99	90
Acquired coagulation factor deficiency (286.7)	5	1	4	1	4	-	-	-	-
Other and unspecified coagulation defects (286.9)	380	213	167	167	128	46	39	41	36
Purpura and other hemorrhagic conditions (287)	754	361	393	307	324	54	69	46	54
Allergic purpura (287.0)	9	5	4	5	4	-	-	-	-
Qualitative platelet defects (287.1)	11	7	4	6	4	1	-	1	-
Other nonthrombocytopenic purpuras (287.2)	4	2	2	2	1	-	1	-	1
Primary thrombocytopenia (287.3)	273	111	162	92	141	19	21	16	14

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Disorders of fluid, electrolyte, and acid-base balance-Con.									
Acidosis (276.2)	0.3	0.3	0.3	0.3	0.3	0.6	0.5	0.7	0.7
Alkalosis (276.3)	.	.	.	.	.	.	.	.	.
Mixed acid-base balance disorder (276.4)	.	.	.	.	.	.	.	.	.
Volume depletion (276.5)	1.2	.9	1.4	.9	1.5	1.1	1.3	1.3	1.6
Fluid overload (276.6)	.0	.	.	.	.	.	.	.	.
Hypernatremia (276.7)	.1	.1	.1	.1	.1	.2	.2	.2	.2
Hypotatremia (276.8)	.0	.0	.0	.0	.0	.	.	.	.
Electrolyte and fluid disorders, not elsewhere classified (276.9)	.2	.1	.2	.1	.2	.1	.2	.2	.2
Other and unspecified disorders of metabolism (277)	.6	.7	.6	.7	.6	.6	.5	.7	.6
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)	.2	.3	.2	.3	.2	.2	.3	.3	.3
Disorders of bilirubin excretion (277.4)	.	.	.	.	.	.	.	.	.
Mucopolysaccharidosis (277.5)	.0	.0	.	.0	.	.	.	.	.
Other deficiencies of circulating enzymes (277.6)	.1	.1	.1	.1	.1	.	.	.	.
Other (277.8)	.0	.0	.0	.	.	.	.	.	.
Unspecified (277.9)	.1	.1	.1	.1	.1	.2	.2	.2	.2
Obesity and other hyperalimentation (278)	.6	.5	.7	.5	.6	.6	1.1	.7	1.4
Obesity (278.0)	.5	.5	.6	.5	.5	.5	1.0	.7	1.2
Localized adiposity (278.1)	.	.	.	.	.	.	.	.	.
Hypervitaminosis A (278.2)	.	.	.	.	.	.	.	.	.
Hypercarotinemias (278.3)	.	.	.	.	.	.	.	.	.
Hypervitaminosis D (278.4)	.	.	.	.	.	.	.	.	.
Other (278.8)	.1	.1	.1	.1	.1	.	.	.	.
Disorders involving the immune mechanism (279)	.3	.4	.2	.4	.2	.7	.2	.9	.3
Deficiency of humoral immunity (279.0)	.0	.	.	.	.	.	.	.	.
Deficiency of cell-mediated immunity (279.1)	.	.	.	.	.	.	.	.	.
Combined immunity deficiency (279.2)	.0	.0	.	.	.	.	.	.	.
Unspecified immunity deficiency (279.3)	.2	.2	.1	.2	.1	.4	.2	.4	.2
Autoimmune disease, not elsewhere classified (279.4)	.1	.1	.0	.1	.0	.3	.	.4	.
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)	3.5	3.4	3.5	3.3	3.4	4.0	3.8	4.8	4.4
Iron deficiency anemias (280)	.0	.0	.1	.0	.1	.	.	.	.
Other deficiency anemias (281)	.1	.1	.1	.1	.1	.	.	.	.
Pernicious anemia (281.0)	.0	.0	.1	.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	.	.	.	.
Hereditary hemolytic anemias (282)	.3	.2	.3	.1	.1	1.1	1.1	1.4	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	.2	.	.	1.0	.9	1.3	1.2
Other hemoglobinopathies (282.7)	.	.	.	.	.	.	.	.	.
Other (282.8)	.	.	.	.	.	.	.	.	.
Unspecified (282.9)	.1	.1	.1	.1	.1	.	.	.	.
Acquired hemolytic anemias (283)	.1	.0	.1	.1	.1	.	.	.	.
Autoimmune hemolytic anemias (283.0)	.0	.0	.1	.0	.1	.	.	.	.
Non-autoimmune hemolytic anemias (283.1)	.0	.	.0	.	.0	.	.	.	.
Hemoglobinuria due to hemolysis from external causes (283.2)	.	.	.	.	.	.	.	.	.
Unspecified (283.9)	.0	.	.	.	.	.	.	.	.
Aplastic anemia (284)	.5	.5	.5	.5	.6	.4	.3	.4	.3
Constitutional aplastic anemia (284.0)	.0	.	.	.	.	.	.	.	.
Other (284.8)	.2	.2	.2	.2	.2	.1	.1	.2	.
Unspecified (284.9)	.3	.3	.3	.3	.4	.2	.2	.3	.2
Other and unspecified anemias (285)	.7	.5	.8	.5	.8	.6	.8	.7	1.0
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	.4	.7	.4	.7	.6	.8	.7	1.0
Coagulation defects (286)	.5	.5	.5	.5	.4	.8	.7	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	.	.	.	.	.	.	.	.
von Willebrand's disease (286.4)	.	.	.	.	.	.	.	.	.
Hemorrhagic disorder due to circulating anticoagulants (286.5)	.	.	.	.	.	.	.	.	.
Defibrination syndrome (286.6)	.3	.3	.3	.2	.3	.5	.5	.7	.6
Acquired coagulation factor deficiency (286.7)	.	.	.	.	.	.	.	.	.
Other and unspecified coagulation defects (286.9)	.2	.2	.1	.2	.1	.2	.2	.3	.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

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Purpura and other hemorrhagic conditions-Con.									
Secondary thrombocytopenia (287.4)	6	4	2	4	2	-	-	-	-
Thrombocytopenia, unspecified (287.5)	396	206	190	173	152	33	38	28	31
Other specified hemorrhagic conditions (287.8)	2	1	1	1	1	-	-	-	-
Unspecified hemorrhagic conditions (287.9)	53	25	28	24	19	1	9	1	8
Diseases of white blood cells (288)									
Agranulocytosis (288.0)	496	262	234	233	215	29	19	28	17
Functional disorders of neutrophil polymorphonuclears (288.1)	330	174	156	153	145	21	11	20	9
Genetic anomalies of leucocytes (288.2)	13	8	5	6	2	2	3	2	3
Eosinophilia (288.3)	2	2	-	2	-	-	-	-	-
Other (288.8)	22	12	10	10	10	2	-	2	-
Unspecified (288.9)	127	62	62	61	57	4	5	4	5
Other diseases of blood and blood-forming organs (289)									
Secondary polycythemia (289.0)	2	1	1	1	1	-	-	-	-
Chronic lymphadenitis (289.1)	2	-	-	-	-	-	-	-	-
Nonspecific mesenteric lymphadenitis (289.2)	2	-	2	-	-	-	2	-	2
Lymphadenitis, unspecified, except mesenteric (289.3)	8	4	4	2	4	2	-	2	-
Hypersplenism (289.4)	26	10	16	10	16	-	-	-	-
Other diseases of spleen (289.5)	91	48	43	42	37	6	6	6	6
Familial polycythemia (289.6)	1	-	1	-	-	-	-	-	-
Methemoglobinemia (289.7)	1	1	-	1	-	-	-	-	-
Other (289.8)	1,864	1,067	797	997	752	70	45	58	39
Unspecified (289.9)	114	49	65	41	57	8	8	6	7
V. Mental disorders (290-319)									
Organic psychotic conditions (290-294)									
Organic psychotic conditions (290-294)	8,645	3,189	5,456	2,818	5,093	371	363	330	331
Senile and presenile organic psychotic conditions (290)									
Senile dementia, simple type (290.0)	8,101	2,793	5,308	2,534	4,970	259	338	231	309
Senile dementia, depressed or paranoid type (290.2)	3,167	914	2,253	830	2,095	84	158	75	140
Senile dementia with acute confusional state (290.3)	3,253	1,122	2,131	1,067	2,047	55	84	43	78
Arteriosclerotic dementia (290.4)	93	26	67	21	64	5	3	5	3
Other (290.8)	15	5	10	5	9	-	1	-	1
Unspecified (290.9)	1,569	725	844	610	752	115	92	108	87
Alcoholic psychoses (291)									
Delirium tremens (291.0)	403	342	61	235	41	107	20	96	17
Korsakov's psychosis, alcoholic (291.1)	155	138	17	99	11	39	6	37	6
Other alcoholic dementia (291.2)	17	12	5	12	5	-	-	-	-
Other alcoholic hallucinosis (291.3)	84	67	17	52	15	15	2	12	1
Pathological drunkenness (291.4)	-	-	-	-	-	-	-	-	-
Alcoholic jealousy (291.5)	-	-	-	-	-	-	-	-	-
Other (291.8)	132	114	18	65	7	49	11	43	9
Unspecified (291.9)	15	11	4	7	3	4	1	4	1
Drug psychoses (292)									
Drug withdrawal syndrome (292.0)	7	4	3	3	3	1	-	-	-
Paranoid and/or hallucinatory states induced by drugs (292.1)	5	4	1	3	1	1	-	-	-
Pathological drug intoxication (292.2)	-	-	-	-	-	-	-	-	-
Other (292.8)	2	-	2	-	2	-	-	-	-
Unspecified (292.9)	-	-	-	-	-	-	-	-	-
Transient organic psychotic conditions (293)									
Acute confusional state (293.0)	10	7	3	6	2	1	1	1	1
Subacute confusional state (293.1)	5	4	1	4	1	-	-	-	-
Other (293.8)	-	-	-	-	-	-	-	-	-
Unspecified (293.9)	5	3	2	2	1	1	1	1	1
Other organic psychotic conditions (chronic) (294)									
Korsakov's psychosis or syndrome (nonalcoholic) (294.0)	124	43	81	40	77	3	4	2	4
Other (294.8)	11	9	2	8	2	1	-	1	-
Unspecified (294.9)	113	34	79	32	75	2	4	1	4
Other psychoses (295-299)									
Other psychoses (295-299)	3,527	1,347	2,180	1,186	1,992	161	188	146	166
Schizophrenic psychoses (295)									
Simple type (295.0)	268	128	140	113	125	15	15	12	13
Hebephrenic type (295.1)	62	24	38	21	32	3	6	3	6
Catatonic type (295.2)	1	-	1	-	1	-	-	-	-
Paranoid type (295.3)	13	3	10	3	10	-	-	-	-
Acute schizophrenic episode (295.4)	22	9	13	6	13	3	-	3	-
Latent schizophrenia (295.5)	-	-	-	-	-	-	-	-	-
Residual schizophrenia (295.6)	38	25	13	22	12	3	1	2	1
Schizoaffective type (295.7)	1	1	-	1	-	-	-	-	-
Other (295.8)	1	-	1	-	1	-	-	-	-
Unspecified (295.9)	130	66	64	60	56	6	8	4	6
Affective psychoses (296)									
Manic-depressive psychosis, manic type (296.0)	50	20	30	20	29	-	1	-	-
Manic-depressive psychosis, depressed type (296.1)	2	1	1	1	1	-	-	-	-
Manic-depressive psychosis, circular type but currently manic (296.2)	24	9	15	9	14	-	1	-	-
Manic-depressive psychosis, circular type but currently depressed (296.3)	1	1	-	1	-	-	-	-	-
Manic-depressive psychosis, circular type, mixed (296.4)	-	-	-	-	-	-	-	-	-
Manic-depressive psychosis, circular type, current condition not specified (296.5)	10	4	6	4	6	-	-	-	-
Manic-depressive psychosis, other and unspecified (296.6)	11	5	6	5	6	-	-	-	-
Other (296.8)	1	-	1	-	1	-	-	-	-
Unspecified (296.9)	1	-	1	-	1	-	-	-	-
Paranoid states (297)									
Paranoid state, simple (297.0)	9	3	6	3	5	-	1	-	1
Paranoia (297.1)	-	-	-	-	-	-	-	-	-
Paraphrenia (297.2)	2	-	2	-	2	-	-	-	-
Induced psychosis (297.3)	2	-	2	-	2	-	-	-	-
Unspecified (297.9)	1	1	-	1	-	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Paranoid states-Con.									
Other (297.8)	-	-	-	-	-	-	-	-	-
Unspecified (297.9)	4	2	2	2	1	-	1	-	1
Other nonorganic psychoses (298)	3,195	1,194	2,001	1,048	1,830	146	171	134	152
Depressive type (298.0)	1	-	1	-	1	-	-	-	-
Excitatory type (298.1)	-	-	-	-	-	-	-	-	-
Reactive confusion (298.2)	-	-	-	-	-	-	-	-	-
Acute paranoid reaction (298.3)	-	-	-	-	-	-	-	-	-
Psychogenic paranoid psychosis (298.4)	2	1	1	1	1	-	-	-	-
Other and unspecified reactive psychosis (298.8)	3	1	2	1	2	-	-	-	-
Unspecified psychosis (298.9)	3,189	1,192	1,997	1,046	1,826	146	171	134	152
Psychoses with origin specific to childhood (299)	5	2	3	2	3	-	-	-	-
Infantile autism (299.0)	5	2	3	2	3	-	-	-	-
Disintegrative psychosis (299.1)	-	-	-	-	-	-	-	-	-
Other (299.8)	-	-	-	-	-	-	-	-	-
Unspecified (299.9)	-	-	-	-	-	-	-	-	-
Neurotic disorders, personality disorders, and other nonpsychotic mental disorders (300-316)	12,624	7,323	5,301	5,312	4,404	2,011	897	1,853	820
Neurotic disorders (300)	71	33	38	27	38	6	-	6	-
Anxiety states (300.0)	14	9	5	9	5	-	-	-	-
Hysteria (300.1)	12	4	8	4	8	-	-	-	-
Phobic state (300.2)	1	-	1	-	1	-	-	-	-
Obsessive-compulsive disorders (300.3)	1	-	1	-	1	-	-	-	-
Neurotic depression (300.4)	15	7	8	6	8	1	-	1	-
Neuroasthenia (300.5)	2	-	2	-	2	-	-	-	-
Depersonalization syndrome (300.6)	-	-	-	-	-	-	-	-	-
Hypochondriasis (300.7)	-	-	-	-	-	-	-	-	-
Other neurotic disorders (300.8)	-	-	-	-	-	-	-	-	-
Unspecified (300.9)	26	13	13	8	13	5	-	5	-
Personality disorders (301)	5	5	-	5	-	-	-	-	-
Paranoid personality disorder (301.0)	-	-	-	-	-	-	-	-	-
Affective personality disorder (301.1)	-	-	-	-	-	-	-	-	-
Schizoid personality disorder (301.2)	1	1	-	1	-	-	-	-	-
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)	4	4	-	4	-	-	-	-	-
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)	4,936	3,831	1,105	2,597	755	1,234	350	1,129	319
Drug dependence (304)	515	388	127	256	70	132	57	129	54
Morphine type (304.0)	24	16	8	13	4	3	4	3	4
Barbiturate type (304.1)	-	-	-	-	-	-	-	-	-
Cocaine (304.2)	12	10	2	6	1	4	1	4	1
Cannabis (304.3)	-	-	-	-	-	-	-	-	-
Amphetamine type and other psychostimulants (304.4)	-	-	-	-	-	-	-	-	-
Hallucinogens (304.5)	-	-	-	-	-	-	-	-	-
Other (304.6)	19	5	14	5	13	-	1	-	-
Combinations of morphine type drug with any other (304.7)	-	-	-	-	-	-	-	-	-
Combinations excluding morphine type drug (304.8)	1	1	-	1	-	-	-	-	-
Unspecified (304.9)	459	356	103	231	52	125	51	122	49
Nondependent abuse of drugs (305)	1,850	1,361	489	891	311	470	178	432	166
Alcohol (305.0)	727	590	137	436	95	154	42	122	35
Tobacco (305.1)	210	118	92	113	83	5	9	5	8
Cannabis (305.2)	2	2	-	-	-	2	-	2	-
Hallucinogens (305.3)	1	-	1	-	1	-	-	-	-
Barbiturates and tranquilizers (305.4)	3	1	2	-	2	1	-	1	-
Morphine type (305.5)	12	8	4	6	1	2	3	2	3
Cocaine type (305.6)	115	89	26	42	8	47	18	45	17
Amphetamine type (305.7)	8	6	2	5	1	1	1	1	-
Antidepressants (305.8)	1	1	-	-	-	-	-	1	-
Other, mixed or unspecified (305.9)	771	546	225	289	120	257	105	253	103
Physiological malfunction arising from mental factors (306)	13	5	8	4	5	1	3	1	3
Musculoskeletal (306.0)	-	-	1	-	1	-	-	-	-
Respiratory (306.1)	5	1	4	1	2	-	2	-	2
Cardiovascular (306.2)	4	2	2	1	2	1	-	1	-
Skin (306.3)	-	-	-	-	-	-	-	-	-
Gastrointestinal (306.4)	3	2	1	2	-	-	1	-	1
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)	213	56	157	50	148	6	9	4	7
Stammering and stuttering (307.0)	-	-	-	-	-	-	-	-	-
Anorexia nervosa (307.1)	74	15	59	14	55	1	4	-	3

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Paranoid states-Con.									
Other (297.8)
Unspecified (297.9)
Other nonorganic psychoses (298)	1.3	1.0	1.6	1.0	1.7	0.8	0.8	0.9	0.9
Depressive type (298.0)
Excitatory 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)	1.3	1.0	1.6	1.0	1.7	.8	.8	.9	.9
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)	5.1	6.1	4.2	5.2	4.1	10.7	4.4	12.7	5.1
Neurotic disorders (300) .....	.0	.0	.0	.0	.0	.	.	.	.
Anxiety states (300.0)
Hysteria (300.1)
Phobic state (300.2)
Obsessive-compulsive disorders (300.3)
Neurotic depression (300.4)
Neuroasthenia (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)	2.0	3.2	.9	2.5	.7	6.6	1.7	7.8	2.0
Drug dependence (304) .....	.2	.3	.1	.3	.1	.7	.3	.9	.3
Morphine type (304.0) .....	.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) .....	.2	.3	.1	.2	.0	.7	.2	.8	.3
Nondependent abuse of drugs (305) .....	.7	1.1	.4	.9	.3	2.5	.9	3.0	1.0
Alcohol (305.0) .....	.3	.5	.1	.4	.1	.8	.2	.8	.2
Tobacco (305.1) .....	.1	.1	.1	.1	.1	.	.	.	.
Cannabis (305.2)
Hallucinogens (305.3)
Barbiturates and tranquilizers (305.4)
Morphine type (305.5)
Cocaine type (305.6) .....	.0	.1	.0	.0	.	.3	.	.3	.
Amphetamine type (305.7)
Antidepressants (305.8)
Other, mixed or unspecified (305.9) .....	.3	.5	.2	.3	.1	1.4	.5	1.7	.6
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	.	.1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	114	30	84	27	81	3	3	2	2
Enuresis (307.6)	-	-	-	-	-	-	-	-	-
Encopresis (307.7)	-	-	-	-	-	-	-	-	-
Psychalgia (307.8)	-	-	-	-	-	-	-	-	-
Other and unspecified (307.9)	25	11	14	9	12	2	2	2	2
Acute reaction to stress (308)	33	19	14	18	12	1	2	1	1
Predominant disturbance of emotions (308.0)	1	1	-	1	-	-	-	-	-
Predominant disturbance of consciousness (308.1)	-	-	-	-	-	-	-	-	-
Predominant psychomotor disturbance (308.2)	-	-	-	-	-	-	-	-	-
Other (308.3)	2	1	1	1	1	-	-	-	-
Mixed (308.4)	-	-	-	-	-	-	-	-	-
Unspecified (308.9)	30	17	13	16	11	1	2	1	1
Adjustment reaction (309)	3	1	2	1	1	-	1	-	1
Brief depressive reaction (309.0)	3	1	2	1	1	-	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)	4,678	1,502	3,176	1,348	2,885	154	291	145	265
Frontal lobe syndrome (310.0)	1	-	1	-	1	-	-	-	-
Cognitive or personality change of other type (310.1)	-	-	-	-	-	-	-	-	-
Postconcussional syndrome (310.2)	12	8	4	5	4	3	-	3	-
Other (310.8)	1	1	-	1	-	-	-	-	-
Unspecified (310.9)	4,664	1,493	3,171	1,342	2,880	151	291	142	265
Depressive disorder, not elsewhere classified (311)	301	119	182	112	176	7	6	6	4
Disturbance of conduct not elsewhere classified (312)	2	1	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)	2	1	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)	4	2	2	2	2	-	-	-	-
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)	1	1	-	1	-	-	-	-	-
Mixed development disorder (315.5)	-	-	-	-	-	-	-	-	-
Other (315.8)	-	-	-	-	-	-	-	-	-
Unspecified (315.9)	3	1	2	1	2	-	-	-	-
Psychic factors associated with diseases classified elsewhere (316)	-	-	-	-	-	-	-	-	-
Mental retardation (317-319)	396	243	153	216	125	27	28	24	24
Mild mental retardation (317)	4	3	1	3	1	-	-	-	-
Other specified mental retardation (318)	127	70	57	60	48	10	9	10	9
Moderate mental retardation (318.0)	1	1	-	1	-	-	-	-	-
Severe mental retardation (318.1)	75	45	30	38	25	7	5	7	5
Profound mental retardation (318.2)	51	24	27	21	23	3	4	3	4
Unspecified mental retardation (319)	265	170	95	153	76	17	19	14	15
VI. Diseases of the nervous system and sense organs (320-389)									
Inflammatory diseases of the central nervous system (320-326)	1,598	895	703	609	488	286	215	262	198
Bacterial meningitis (320)	629	339	290	220	204	119	86	107	79
Hemophilus meningitis (320.0)	84	58	26	43	19	15	7	11	6
Pneumococcal meningitis (320.1)	206	93	113	62	85	31	28	28	27
Streptococcal meningitis (320.2)	75	35	40	19	25	16	15	15	15
Staphylococcal meningitis (320.3)	29	19	10	14	6	5	4	5	4
Meningitis due to other specified bacteria (320.8)	24	17	7	12	6	5	1	5	-
Meningitis due to unspecified bacterium (320.9)	211	117	94	70	63	47	31	43	27
Meningitis of unspecified cause (322)	439	249	190	163	116	86	74	79	66
Nonpyogenic meningitis (322.0)	2	1	1	1	1	-	-	-	-
Eosinophilic meningitis (322.1)	1	1	-	1	-	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Meningitis of unspecified cause-Con.									
Chronic meningitis (322.2)	9	6	3	6	-	-	3	-	1
Meningitis, unspecified (322.9)	427	241	186	155	115	86	71	79	65
Encephalitis, myelitis, and encephalomyelitis (323)	283	158	125	122	95	36	30	34	28
Encephalitis following immunization procedures (323.5)	-	-	-	-	-	-	-	-	-
Other (323.8)	-	-	-	-	-	-	-	-	-
Unspecified cause (323.9)	283	158	125	122	95	36	30	34	28
Intracranial and intraspinal abscess (324)	200	124	76	91	55	33	21	32	20
Intracranial abscess (324.0)	156	96	60	71	41	25	19	24	18
Intraspinal abscess (324.1)	11	7	4	6	4	1	-	1	-
Of unspecified site (324.9)	33	21	12	14	10	7	2	7	2
Phlebitis and thrombophlebitis of intracranial venous sinuses (325)	19	7	12	4	11	3	1	2	1
Late effects of intracranial abscess or pyogenic infection (326)	28	18	10	9	7	9	3	8	2
Hereditary and degenerative diseases of the central nervous system (330-337)	26,177	12,131	14,046	11,370	13,258	761	788	663	698
Cerebral degenerations usually manifest in childhood (330)	167	97	70	86	64	11	6	8	6
Leucodystrophy (330.0)	91	59	32	53	29	6	3	5	3
Cerebral lipidoses (330.1)	50	25	25	24	25	1	-	1	-
Other cerebral degenerations in childhood (330.8)	23	11	12	7	9	4	3	2	3
Unspecified (330.9)	3	2	1	2	1	-	-	-	-
Other cerebral degenerations (331)	14,318	5,571	8,747	5,195	8,284	376	463	352	422
Alzheimer's disease (331.0)	13,110	4,970	8,140	4,692	7,751	278	389	259	359
Pick's disease (331.1)	12	5	7	5	7	-	-	-	-
Senile degeneration of brain (331.2)	50	18	32	18	30	-	2	-	2
Communicating hydrocephalus (331.3)	8	6	2	6	-	-	2	-	1
Obstructive hydrocephalus (331.4)	619	350	263	278	218	72	45	70	43
Other cerebral degeneration (331.8)	54	26	28	22	25	4	3	2	1
Unspecified (331.9)	471	196	275	174	253	22	22	21	16
Parkinson's disease (332)	6,984	3,996	2,988	3,795	2,857	201	131	158	107
Paralysis agitans (332.0)	6,981	3,993	2,988	3,793	2,857	200	131	157	107
Secondary Parkinsonism (332.1)	3	3	-	2	-	1	-	1	-
Other extrapyramidal disease and abnormal movement disorders (333)	601	307	294	283	269	24	25	20	24
Other degenerative diseases of the basal ganglia (333.0)	153	84	69	72	61	12	8	9	7
Essential and other specified forms of tremor (333.1)	5	1	4	1	4	-	-	-	-
Myoclonus (333.2)	13	8	5	7	4	1	1	1	1
Tics of organic origin (333.3)	-	-	-	-	-	-	-	-	-
Huntington's chorea (333.4)	355	179	176	170	164	9	12	8	12
Other choreas (333.5)	10	7	3	7	3	-	-	-	-
Idiopathic torsion dystonia (333.6)	6	3	3	3	3	-	-	-	-
Symptomatic torsion dystonia (333.7)	1	1	-	1	-	-	-	-	-
Fragments of torsion dystonia (333.8)	35	10	25	9	23	1	2	1	2
Other and unspecified (333.9)	23	14	9	13	7	1	2	1	2
Spinocerebellar disease (334)	242	131	111	119	100	12	11	10	10
Friedreich's ataxia (334.0)	43	17	26	17	25	-	1	-	1
Hereditary spastic paraplegia (334.1)	3	2	1	2	1	-	-	-	-
Primary cerebellar degeneration (334.2)	12	6	6	5	5	1	1	1	1
Other cerebellar ataxia (334.3)	13	9	4	8	3	1	1	1	-
Other (334.8)	66	40	26	37	25	3	1	3	1
Unspecified (334.9)	105	57	48	50	41	7	5	5	7
Anterior horn cell disease (335)	3,700	1,935	1,765	1,818	1,625	117	140	96	117
Werdnig-Hoffmann disease (335.0)	163	79	84	68	74	11	10	7	7
Spinal muscular atrophy (335.1)	40	26	14	22	11	4	3	4	2
Motor neurone disease (335.2)	3,491	1,826	1,665	1,725	1,538	101	127	84	108
Other (335.8)	1	1	-	-	-	1	-	1	-
Unspecified (335.9)	5	3	2	3	2	-	-	-	-
Other diseases of spinal cord (336)	146	82	64	66	52	16	12	15	12
Syringomyelia and syringobulbia (336.0)	28	19	9	16	8	3	1	3	1
Vascular myelopathies (336.1)	29	19	10	17	8	2	2	2	2
Other myelopathy (336.8)	20	13	7	10	5	3	2	2	2
Unspecified diseases of spinal cord (336.9)	69	31	38	23	31	8	7	8	7
Disorders of the autonomic nervous system (337)	19	12	7	8	7	4	-	4	-
Idiopathic peripheral autonomic neuropathy (337.0)	-	-	-	-	-	-	-	-	-
Unspecified (337.9)	19	12	7	8	7	4	-	4	-
Other disorders of the central nervous system (340-349)	8,528	4,323	4,205	3,450	3,419	873	786	813	730
Multiple sclerosis (340)	1,679	633	1,046	580	929	53	117	51	111
Other demyelinating diseases of central nervous system (341)	112	41	71	36	59	5	12	4	12
Neuromyelitis optica (341.0)	1	-	1	-	1	-	-	-	-
Schilder's disease (341.1)	5	2	3	2	2	-	1	-	1
Other (341.8)	19	11	8	10	6	1	2	1	2
Unspecified (341.9)	87	28	59	24	50	4	9	3	9
Hemiplegia (342)	193	77	116	70	101	7	15	6	14
Flaccid hemiplegia (342.0)	1	1	-	1	-	-	-	-	-
Spastic hemiplegia (342.1)	-	-	-	-	-	-	-	-	-
Unspecified (342.9)	192	76	116	69	101	7	15	6	14
Infantile cerebral palsy (343)	755	417	338	337	251	80	87	73	78
Diplegic (343.0)	4	2	2	2	2	-	-	-	-
Hemiplegic (343.1)	1	1	-	1	-	-	-	-	-
Quadriplegic (343.2)	38	26	12	24	10	2	2	2	-
Monoplegic (343.3)	-	-	-	-	-	-	-	-	-
Infantile hemiplegia (343.4)	1	-	1	-	1	-	-	-	-
Other (343.8)	-	-	-	-	-	-	-	-	-
Unspecified (343.9)	711	388	323	310	238	78	85	71	78

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—Con.

(Page 48 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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Meningitis of unspecified cause-Con.									
Chronic meningitis (322.2)	.	.	.	.	.	.	.	.	.
Meningitis, unspecified (322.9)	0.2	0.2	0.1	0.2	0.1	0.5	0.3	0.5	0.4
Encephalitis, myelitis, and encephalomyelitis (323)									
Encephalitis following immunization procedures (323.5)	.	.	.	.	.	.	.	.	.
Other (323.6)	.	.	.	.	.	.	.	.	.
Unspecified cause (323.9)	.1	.1	.1	.1	.1	.2	.1	.2	.2
Intracranial and intraspinal abscess (324)									
Intracranial abscess (324.0)	.1	.1	.1	.1	.1	.2	.1	.2	.1
Intraspinal abscess (324.1)	.1	.1	.0	.1	.0	.1	.1	.2	.
Of unspecified site (324.9)	.0	.0	.	.	.	.	.	.	.
Phlebitis and thrombophlebitis of intracranial venous sinuses (325)									
Late effects of intracranial abscess or pyogenic infection (326)									
Hereditary and degenerative diseases of the central nervous system (330-337)	10.5	10.0	11.0	11.1	12.4	4.1	3.8	4.6	4.3
Cerebral degenerations usually manifest in childhood (330)									
Leucodystrophy (330.0)	.1	.0	.1	.1	.1	.	.	.	.
Cerebral lipidoses (330.1)	.0	.0	.0	.0	.0	.	.	.	.
Other cerebral degenerations in childhood (330.8)	.0	.	.	.	.	.	.	.	.
Unspecified (330.9)	.	.	.	.	.	.	.	.	.
Other cerebral degenerations (331)	5.8	4.6	6.9	5.1	7.8	2.0	2.3	2.4	2.6
Alzheimer's disease (331.0)	5.3	4.1	6.4	4.6	7.3	1.5	1.9	1.8	2.2
Pick's disease (331.1)	.	.	.	.	.	.	.	.	.
Senile degeneration of brain (331.2)	.0	.	.0	.	.0	.	.	.	.
Communicating hydrocephalus (331.3)	.	.	.	.	.	.	.	.	.
Obstructive hydrocephalus (331.4)	.2	.3	.2	.3	.2	.4	.2	.5	.3
Other cerebral degeneration (331.8)	.0	.0	.0	.0	.0	.	.	.	.
Unspecified (331.9)	.2	.2	.2	.2	.2	.1	.1	.1	.
Parkinson's disease (332)	2.8	3.3	2.3	3.7	2.7	1.1	.6	1.1	.7
Paralysis agitans (332.0)	2.8	3.3	2.3	3.7	2.7	1.1	.6	1.1	.7
Secondary Parkinsonism (332.1)	.	.	.	.	.	.	.	.	.
Other extrapyramidal disease and abnormal movement disorders (333)	.2	.3	.2	.3	.3	.1	.1	.1	.1
Other degenerative diseases of the basal ganglia (333.0)	.1	.1	.1	.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	.1	.1	.2	.2	.	.	.	.
Other choreas (333.5)	.	.	.	.	.	.	.	.	.
Idiopathic torsion dystonia (333.6)	.	.	.	.	.	.	.	.	.
Symptomatic torsion dystonia (333.7)	.	.	.	.	.	.	.	.	.
Fragments of torsion dystonia (333.8)	.	.	.	.	.	.	.	.	.
Other and unspecified (333.9)	.0	.	.	.	.	.	.	.	.
Spinocerebellar disease (334)	.1	.1	.1	.1	.1	.	.	.	.
Friedreich's ataxia (334.0)	.0	.	.0	.	.0	.	.	.	.
Hereditary spastic paraplegia (334.1)	.	.	.	.	.	.	.	.	.
Primary cerebellar degeneration (334.2)	.	.	.	.	.	.	.	.	.
Other cerebellar ataxia (334.3)	.	.	.	.	.	.	.	.	.
Other (334.8)	.0	.0	.0	.0	.0	.	.	.	.
Unspecified (334.9)	.0	.0	.0	.0	.0	.	.	.	.
Anterior horn cell disease (335)	1.5	1.6	1.4	1.8	1.5	.6	.7	.7	.7
Werdnig-Hoffmann disease (335.0)	.1	.1	.1	.1	.1	.	.	.	.
Spinal muscular atrophy (335.1)	.0	.0	.	.0	.	.	.	.	.
Motor neurone disease (335.2)	1.4	1.5	1.3	1.7	1.4	.5	.6	.6	.7
Other (335.8)	.	.	.	.	.	.	.	.	.
Unspecified (335.9)	.	.	.	.	.	.	.	.	.
Other diseases of spinal cord (336)	.1	.1	.1	.1	.0	.	.	.	.
Syringomyelia and syringobulbia (336.0)	.0	.	.	.	.	.	.	.	.
Vascular myelopathies (336.1)	.0	.	.	.	.	.	.	.	.
Other myelopathy (336.8)	.0	.	.	.	.	.	.	.	.
Unspecified diseases of spinal cord (336.9)	.0	.0	.0	.0	.0	.	.	.	.
Disorders of the autonomic nervous system (337)									
Idiopathic peripheral autonomic neuropathy (337.0)	.	.	.	.	.	.	.	.	.
Unspecified (337.9)	.	.	.	.	.	.	.	.	.
Other disorders of the central nervous system (340-349)	3.4	3.6	3.3	3.4	3.2	4.7	3.8	5.6	4.5
Multiple sclerosis (340)	.7	.5	.8	.6	.9	.3	.6	.4	.7
Other demyelinating diseases of central nervous system (341)	.0	.0	.1	.0	.1	.	.	.	.
Neuromyelitis optica (341.0)	.	.	.	.	.	.	.	.	.
Schilder's disease (341.1)	.	.	.	.	.	.	.	.	.
Other (341.8)	.	.	.	.	.	.	.	.	.
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	.3	.3	.3	.2	.4	.4	.5	.5
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	.3	.3	.2	.4	.4	.5	.5

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—Con.

(Page 52 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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	0.0					
Hereditary and idiopathic peripheral neuropathy (356)	.2	.2	.1	.2	0.2				
Hereditary peripheral neuropathy (356.0)
Peroneal muscular atrophy (356.1)
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				
Myasthenia gravis (358.0)	.1	.1	.1	.1	.1				
Toxic myoneural disorders (358.2)				
Other (358.8)				
Unspecified (358.9)	.0	.1	.0	.1	.0				
Muscular dystrophies and other myopathies (359)	.4	.5	.2	.6	.2	0.4	0.1	0.4	0.1
Congenital hereditary muscular dystrophy (359.0)	.0	.	.	.	.
Hereditary progressive muscular dystrophy (359.1)	.3	.4	.1	.5	.1	.3		.3	
Myotonic disorders (359.2)	.0	.0	.0	.1	.0				
Familial periodic paralysis (359.3)				
Toxic myopathy (359.4)				
Other (359.8)				
Unspecified (359.9)	.0	.0	.0	.0	.0				
Disorders of the eye and adnexa (360-379)	.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)				
Chorioidal degenerations (363.4)				
Hereditary chorioidal dystrophies (363.5)				
Chorioidal hemorrhage and rupture (363.6)				
Chorioidal 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)				

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—Con.
(Page 57 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 J]

Cause of death	Number								
	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Mastoiditis and related conditions-Con.									
Other (383.8)	1	1	-	1	-	-	-	-	-
Unspecified mastoiditis (383.9)	5	-	5	-	5	-	-	-	-
Other disorders of tympanic membrane (384)									
Acute myringitis without mention of otitis media (384.0)	1	1	-	-	-	1	-	1	-
Chronic myringitis without mention of otitis media (384.1)	1	1	-	-	-	1	-	1	-
Perforation of tympanic membrane (384.2)	-	-	-	-	-	-	-	-	-
Other (384.8)	-	-	-	-	-	-	-	-	-
Unspecified (384.9)	-	-	-	-	-	-	-	-	-
Other disorders of middle ear and mastoid (385)									
Typanosclerosis (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)	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)	1	1	-	1	-	-	-	-	-
Noise effects on inner ear (388.1)	-	-	-	-	-	-	-	-	-
Sudden hearing loss, unspecified (388.2)	-	-	-	-	-	-	-	-	-
Tinnitus (388.3)	1	1	-	1	-	-	-	-	-
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)	1	1	-	1	-	-	-	-	-
Sensorineural deafness (389.1)	-	-	-	-	-	-	-	-	-
Mixed conductive and sensorineural deafness (389.2)	-	-	-	-	-	-	-	-	-
Deaf mutism, not elsewhere classified (389.7)	1	1	-	1	-	-	-	-	-
Other specified forms of deafness (389.8)	-	-	-	-	-	-	-	-	-
Unspecified deafness (389.9)	-	-	-	-	-	-	-	-	-
VII. Diseases of the circulatory system (390-459)									
Acute rheumatic fever (390-392)	70	26	44	24	37	2	7	2	6
Rheumatic fever without mention of heart involvement (390)	13	6	7	6	4	-	3	-	2
Rheumatic fever with heart involvement (391)	57	20	37	18	33	2	4	2	4
Acute rheumatic pericarditis (391.0)	27	15	12	14	12	1	-	1	-
Acute rheumatic endocarditis (391.1)	19	3	16	2	15	1	1	1	1
Acute rheumatic myocarditis (391.2)	-	-	-	-	-	-	-	-	-
Other acute rheumatic heart disease (391.8)	6	-	6	-	4	-	2	-	2
Acute rheumatic heart disease, unspecified (391.9)	5	2	3	2	2	-	1	-	1
Rheumatic chorea (392)	-	-	-	-	-	-	-	-	-
With heart involvement (392.0)	-	-	-	-	-	-	-	-	-
Without mention of heart involvement (392.9)	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (393-398)	6,017	1,851	4,166	1,650	3,812	201	354	166	274
Chronic rheumatic pericarditis (393)	1	-	1	-	1	-	-	-	-
Diseases of mitral valve (394)	2,748	791	1,957	710	1,792	81	165	66	114
Mitral stenosis (394.0)	895	168	727	143	664	25	63	20	38
Rheumatic mitral insufficiency (394.1)	177	64	113	62	106	2	7	2	3
Mitral stenosis with insufficiency (394.2)	83	16	67	14	60	2	7	2	3
Other and unspecified (394.9)	1,593	543	1,050	491	962	52	88	42	70
Diseases of aortic valve (395)	209	96	113	89	99	7	14	4	14
Rheumatic aortic stenosis (395.0)	111	39	72	36	66	3	6	3	6
Rheumatic aortic insufficiency (395.1)	37	20	17	20	13	-	4	-	4
Rheumatic aortic stenosis with insufficiency (395.2)	8	4	4	4	4	-	-	-	-
Other and unspecified (395.9)	53	33	20	29	16	4	4	1	4
Diseases of mitral and aortic valves (396)	1,041	369	672	318	609	51	63	41	57
Diseases of other endocardial structures (397)	498	151	347	128	310	23	37	19	30
Diseases of tricuspid valve (397.0)	127	44	83	38	66	6	17	5	13
Rheumatic diseases of pulmonary valve (397.1)	2	-	2	-	2	-	-	-	-
Rheumatic diseases of endocardium, valve unspecified (397.9)	369	107	262	90	242	17	20	14	17

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—Con.

(Page 58 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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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) .....	.	.	.	.	.	.	.	.	.
Tymanosclerosis (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) .....	.	.	.	.	.	.	.	.	.
Otitis (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	.	.	.	.
Acute rheumatic pericarditis (391.0) .....	.	.	.	.	.	.	.	.	.
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	1.1	1.7	1.1	1.7
Chronic rheumatic pericarditis (393) .....	.	.	.	.	.	.	.	.	.
Diseases of mitral valve (394)	1.1	.7	1.5	.7	1.7	.4	.8	.5	.7
Mitral stenosis (394.0) .....	.4	.1	.6	.1	.6	.1	.3	.1	.2
Rheumatic mitral insufficiency (394.1) .....	.1	.1	.1	.1	.1	.	.	.	.
Mitral stenosis with insufficiency (394.2) .....	.0	.	.1	.	.1	.	.	.	.
Other and unspecified (394.9) .....	.6	.4	.8	.5	.9	.3	.4	.3	.4
Diseases of aortic valve (395) .....	.1	.1	.1	.1	.1	.	.	.	.
Rheumatic aortic stenosis (395.0) .....	.0	.0	.1	.0	.1	.	.	.	.
Rheumatic aortic insufficiency (395.1) .....	.0	.0	.	.0	.	.	.	.	.
Rheumatic aortic stenosis with insufficiency (395.2) .....	.	.	.	.	.	.	.	.	.
Other and unspecified (395.9) .....	.0	.0	.0	.0	.	.	.	.	.
Diseases of mitral and aortic valves (396) .....	.4	.3	.5	.3	.6	.3	.3	.3	.4
Diseases of other endocardial structures (397) .....	.2	.1	.3	.1	.3	.1	.2	.	.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	.	.

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Chronic rheumatic heart disease-Con.									
Other rheumatic heart disease (398)	1,520	444	1,076	405	1,001	39	75	36	59
Rheumatic myocarditis (398.0)	3	-	3	-	3	-	-	-	-
Other and unspecified (398.9)	1,517	444	1,073	405	998	39	75	36	59
Hypertensive disease (401-404)	32,114	13,648	18,466	9,559	13,795	4,089	4,671	3,860	4,473
Essential hypertension (401)	4,392	1,761	2,631	1,316	2,073	445	558	420	532
Specified as malignant (401.0)	43	22	21	11	14	11	7	11	7
Specified as benign (401.1)	2	1	1	-	1	1	-	1	-
Not specified as malignant or benign (401.9)	4,347	1,738	2,609	1,305	2,058	433	551	408	525
Hypertensive heart disease (402)	20,963	8,923	12,040	6,082	8,930	2,841	3,110	2,688	2,992
Specified as malignant (402.0)	24	8	16	5	11	3	5	3	5
Specified as benign (402.1)	3	3	3	2	2	1	1	1	1
Not specified as malignant or benign (402.9)	20,933	8,912	12,021	6,075	8,917	2,837	3,104	2,684	2,986
Hypertensive renal disease (403)	4,374	2,010	2,364	1,503	1,757	507	607	472	573
Specified as malignant (403.0)	47	25	22	7	12	18	10	17	9
Specified as benign (403.1)	8	3	5	3	4	-	1	-	1
Not specified as malignant or benign (403.9)	4,319	1,982	2,337	1,493	1,741	489	596	455	563
Hypertensive heart and renal disease (404)	2,385	954	1,431	658	1,035	296	396	280	376
Specified as malignant (404.0)	10	3	7	2	5	1	2	1	2
Specified as benign (404.1)	2	1	1	1	1	-	-	-	-
Not specified as malignant or benign (404.9)	2,373	950	1,423	655	1,029	295	394	279	374
Ischemic heart disease (410-414)	498,021	257,524	240,497	234,385	217,443	23,159	23,054	20,243	21,133
Acute myocardial infarction (410)	246,950	134,298	112,652	122,228	101,000	12,070	11,652	10,545	10,653
Other acute and subacute forms of ischemic heart disease (411)	3,376	1,902	1,474	1,608	1,235	294	239	271	225
Old myocardial infarction (412)	1,022	635	387	564	329	71	58	59	57
Angina pectoris (413)	1,066	474	592	424	534	50	58	44	52
Other forms of chronic ischemic heart disease (414)	245,607	120,215	125,392	109,541	114,345	10,674	11,047	9,324	10,146
Coronary atherosclerosis (414.0)	163,295	74,490	88,805	67,497	81,218	6,993	7,587	6,136	6,964
Aneurysm of heart (414.1)	277	169	108	159	100	10	8	8	8
Other (414.8)	11,382	7,034	4,348	6,527	3,903	507	445	425	411
Unspecified (414.9)	70,659	38,522	32,131	35,358	29,124	3,164	3,007	2,755	2,763
Diseases of pulmonary circulation (415-417)	11,966	5,433	6,533	4,490	5,399	943	1,134	885	1,089
Acute pulmonary heart disease (415)	9,716	4,409	5,307	3,632	4,398	777	909	740	884
Acute cor pulmonale (415.0)	7	3	4	3	4	-	-	-	-
Pulmonary embolism (415.1)	9,709	4,406	5,303	3,629	4,394	777	909	740	884
Chronic pulmonary heart disease (416)	2,191	990	1,201	828	978	162	223	141	203
Primary pulmonary hypertension (416.0)	1,152	457	695	373	531	84	164	73	147
Kyphoscoliotic heart disease (416.1)	115	27	88	24	86	3	2	3	2
Other (416.8)	3	1	2	1	2	-	-	-	-
Pulmonary heart disease, unspecified (416.9)	921	505	416	430	359	75	57	65	54
Other diseases of pulmonary circulation (417)	59	34	25	30	23	4	2	4	2
Arteriovenous fistula of pulmonary vessels (417.0)	-	-	-	-	-	-	-	-	-
Aneurysm of pulmonary artery (417.1)	14	8	6	5	5	3	1	3	1
Other (417.8)	28	17	11	17	11	-	-	-	-
Unspecified (417.9)	17	9	8	8	7	1	1	1	1
Other forms of heart disease (420-429)	194,445	93,491	100,954	78,128	86,813	15,363	14,141	14,057	13,240
Acute pericarditis (420)	58	33	25	29	20	4	5	3	5
Acute and subacute endocarditis (421)	955	535	420	393	324	142	96	132	88
Acute and subacute bacterial endocarditis (421.0)	934	522	412	387	320	135	92	125	84
Acute endocarditis, unspecified (421.9)	21	13	8	6	4	7	4	7	4
Acute myocarditis (422)	293	153	140	113	108	40	32	38	29
Other diseases of pericardium (423)	477	261	216	208	173	53	43	50	41
Hemopericardium (423.0)	30	12	18	12	15	-	3	-	3
Adhesive pericarditis (423.1)	11	6	5	5	5	1	-	1	-
Constrictive pericarditis (423.2)	66	40	26	39	20	1	6	1	5
Other (423.8)	9	5	4	4	4	1	-	1	-
Unspecified (423.9)	361	198	163	148	129	50	34	47	33
Other diseases of endocardium (424)	12,185	5,300	6,885	4,833	6,373	467	512	402	458
Mitral valve disorders (424.0)	1,848	664	1,184	604	1,084	60	100	49	93
Aortic valve disorders (424.1)	7,677	3,577	4,100	3,299	3,840	278	280	236	232
Tricuspid valve disorders, specified as nonrheumatic (424.2)	2	2	-	1	-	1	-	1	-
Pulmonary valve disorders (424.3)	20	11	9	8	8	3	1	2	1
Endocarditis, valve unspecified (424.9)	2,638	1,046	1,592	921	1,441	125	151	114	132
Cardiomyopathy (425)	21,244	12,985	8,259	10,370	6,582	2,615	1,677	2,408	1,560
Endomyocardial fibrosis (425.0)	5	3	2	3	2	-	-	-	-
Hypertrophic obstructive cardiomyopathy (425.1)	257	95	162	81	150	14	12	14	8
Obscure cardiomyopathy of Africa (425.2)	-	-	-	-	-	-	-	-	-
Endocardial fibroelastosis (425.3)	93	45	48	35	39	10	9	7	8
Other primary cardiomyopathies (425.4)	19,365	11,700	7,665	9,442	6,104	2,258	1,561	2,089	1,454
Alcoholic cardiomyopathy (425.5)	941	810	131	542	81	268	50	257	47
Secondary cardiomyopathy, unspecified (425.9)	583	332	251	267	206	65	45	61	43
Conduction disorders (426)	862	418	444	359	371	59	73	56	71
Atrioventricular block, complete (426.0)	330	131	199	116	164	15	35	13	35
Atrioventricular block, other and unspecified (426.1)	33	16	17	14	15	2	2	1	2
Left bundle branch hemiblock (426.2)	1	1	-	1	-	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Conduction disorders-Con.									
Other left bundle branch block (426.3)	17	7	10	6	9	1	1	1	1
Right bundle branch block (426.4)	11	7	4	6	4	1	-	-	-
Bundle branch block, unspecified (426.5)	15	10	5	9	5	1	-	-	-
Other heart block (426.6)	19	11	8	11	7	-	1	-	1
Anomalous atrioventricular excitation (426.7)	43	28	15	24	14	4	1	4	1
Other (426.8)	269	153	116	121	94	32	22	32	22
Unspecified (426.9)	124	54	70	51	59	3	11	3	9
Cardiac dysrhythmias (427)									
Paroxysmal supraventricular tachycardia (427.0)	43,603	20,932	22,671	17,411	19,101	3,521	3,570	3,232	3,347
Paroxysmal ventricular tachycardia (427.1)	18	7	11	5	10	2	1	2	1
Paroxysmal tachycardia, unspecified (427.2)	551	300	251	266	198	34	53	31	47
Atrial fibrillation and flutter (427.3)	7	2	5	2	5	-	-	-	-
Ventricular fibrillation and flutter (427.4)	2,959	975	1,984	892	1,839	83	145	72	128
Cardiac arrest (427.5)	1,460	818	642	713	546	105	96	91	92
Premature beats (427.6)	33,416	16,198	17,218	13,276	14,284	2,922	2,934	2,694	2,755
Other (427.8)	77	40	37	35	29	5	9	4	9
Unspecified (427.9)	567	237	330	211	288	26	42	23	35
	4,548	2,355	2,193	2,011	1,903	344	290	315	277
Heart failure (428)									
Heart failure (428)	38,817	15,556	23,261	13,678	20,730	1,878	2,531	1,711	2,371
Congestive heart failure (428.0)	34,348	13,453	20,895	11,903	18,700	1,550	2,195	1,408	2,056
Left heart failure (428.1)	185	90	95	78	87	12	8	11	7
Unspecified (428.9)	4,284	2,013	2,271	1,697	1,943	316	328	292	308
Ill-defined descriptions and complications of heart disease (429)									
Myocarditis, unspecified (429.0)	75,951	37,318	38,633	30,734	33,031	6,584	5,602	6,025	5,270
Myocardial degeneration (429.1)	680	306	374	240	294	66	80	59	73
Cardiovascular disease, unspecified (429.2)	672	368	304	305	252	63	52	58	49
Cardiomegaly (429.3)	70,880	34,548	36,332	28,485	31,220	6,063	5,112	5,533	4,803
Rupture of chordae tendinae (429.5)	739	437	302	328	231	109	71	105	89
Rupture of papillary muscle (429.6)	15	5	10	3	10	2	-	1	-
Other (429.8)	7	4	3	4	3	-	-	-	-
Unspecified (429.9)	193	79	60	63	53	10	7	8	6
	2,825	1,577	1,248	1,306	968	271	280	261	270
Cerebrovascular diseases (430-438)									
Subarachnoid hemorrhage (430)	145,551	57,321	88,230	48,563	76,953	8,758	11,277	7,739	10,240
Intracerebral hemorrhage (431)	6,809	2,348	4,461	1,967	3,583	381	878	320	736
Other and unspecified intracranial hemorrhage (432)	18,203	8,279	9,924	6,548	8,330	1,731	1,594	1,484	1,369
Nontraumatic extradural hemorrhage (432.0)	2,476	1,192	1,284	937	1,003	255	281	228	243
Subdural hemorrhage (432.1)	3	3	-	2	-	1	-	1	-
Unspecified intracranial hemorrhage (432.9)	470	269	201	221	163	48	38	43	33
	2,003	920	1,083	714	840	206	243	184	210
Occlusion and stenosis of precerebral arteries (433)									
Basilar artery (433.0)	1,243	658	585	606	524	52	61	45	55
Carotid artery (433.1)	323	169	154	148	132	21	22	18	20
Vertebral artery (433.2)	801	419	382	391	346	28	36	24	32
Multiple and bilateral (433.3)	40	30	10	27	10	3	-	3	-
Other (433.8)	63	33	30	33	27	-	3	-	3
Unspecified (433.9)	14	7	7	7	7	-	-	-	-
	2	-	2	-	2	-	-	-	-
Occlusion of cerebral arteries (434)									
Cerebral thrombosis (434.0)	20,480	7,913	12,567	6,894	11,216	1,019	1,351	911	1,255
Cerebral embolism (434.1)	8,778	3,007	5,771	2,725	5,275	282	496	249	465
Unspecified (434.9)	681	257	424	221	394	36	30	29	28
	11,021	4,649	6,372	3,948	5,547	701	825	633	762
Transient cerebral ischemia (435)									
Acute but ill-defined cerebrovascular disease (436)	322	115	207	104	190	11	17	9	16
Other and ill-defined cerebrovascular diseases (437)									
Cerebral atherosclerosis (437.0)	80,012	30,764	49,248	26,295	43,209	4,469	6,039	4,017	5,608
Other generalized ischemic cerebrovascular disease (437.1)	9,826	3,455	6,371	3,033	5,761	422	610	375	567
Hypertensive encephalopathy (437.2)	4,379	1,407	2,972	1,278	2,781	129	191	116	181
Cerebral aneurysm, nonruptured (437.3)	627	285	342	235	289	50	53	44	47
Cerebral arteritis (437.4)	84	36	48	22	31	14	17	13	17
Moyamoya disease (437.5)	442	147	295	129	244	18	51	16	43
Nonpyogenic thrombosis of intracranial venous sinus (437.6)	67	24	43	18	34	6	9	6	8
Other (437.8)	18	8	10	4	8	4	2	3	1
Unspecified (437.9)	1	1	-	-	-	1	-	1	-
	52	28	24	23	20	5	4	4	4
	4,156	1,519	2,637	1,324	2,354	195	283	172	266
Late effects of cerebrovascular diseases (438)									
Diseases of arteries, arterioles, and capillaries (440-448)	6,180	2,597	3,583	2,179	3,137	418	446	350	391
Atherosclerosis (440)	43,654	21,701	21,953	19,931	19,848	1,770	2,105	1,556	1,938
Of aorta (440.0)	19,357	7,254	12,103	6,652	11,139	602	964	547	889
Of renal artery (440.1)	63	34	29	33	25	1	4	1	4
Of arteries of the extremities (440.2)	49	25	24	25	21	-	3	-	3
Of other specified arteries (440.8)	987	367	620	321	538	46	82	44	78
Generalized and unspecified (440.9)	2	-	2	-	2	-	-	-	-
	18,256	6,828	11,428	6,273	10,553	555	875	502	804
Aortic aneurysm (441)									
Dissecting aneurysm, any part (441.0)	16,229	10,708	5,521	9,998	4,961	710	560	592	493
Thoracic aneurysm, ruptured (441.1)	3,000	1,777	1,223	1,559	1,042	218	181	182	150
Thoracic aneurysm without mention of rupture (441.2)	1,293	674	619	613	558	61	61	48	56
Abdominal aneurysm, ruptured (441.3)	603	291	312	253	266	38	46	36	44
Abdominal aneurysm without mention of rupture (441.4)	6,786	4,963	1,823	4,760	1,695	203	128	166	113
Aortic aneurysm of unspecified site, ruptured (441.5)	1,754	1,226	528	1,162	485	64	43	55	41
Aortic aneurysm of unspecified site without mention of rupture (441.6)	2,159	1,393	766	1,298	690	95	76	79	66
	634	384	250	353	225	31	25	26	23
Other aneurysm (442)									
Of artery of upper extremity (442.0)	673	439	234	383	204	56	30	49	29
Of renal artery (442.1)	-	-	-	-	-	-	-	-	-
Of iliac artery (442.2)	30	20	10	20	10	-	-	-	-
Of artery of lower extremity (442.3)	162	133	29	109	24	24	5	22	5
	50	40	10	38	9	2	1	2	1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	0.2	0.1	0.2	0.1
Unspecified (426.9)	.0	.0	.1	.0	.1	.	.	.	.
Cardiac dysrhythmias (427)									
Paroxysmal supraventricular tachycardia (427.0)	17.6	17.3	17.8	17.0	17.9	18.8	17.4	22.2	20.8
Paroxysmal ventricular tachycardia (427.1)	.	.	.	.	.	.	.	.	.
Paroxysmal tachycardia, unspecified (427.2)	.2	.2	.2	.3	.2	.2	.3	.2	.3
Atrial fibrillation and flutter (427.3)	1.2	.8	1.6	.9	1.7	.4	.7	.5	.8
Ventricular fibrillation and flutter (427.4)	6	.7	.5	.7	.5	.6	.5	.6	.6
Cardiac arrest (427.5)	13.5	13.4	13.5	13.0	13.4	15.6	14.3	18.5	17.1
Premature beats (427.6)	.0	.0	.0	.0	.0	.	.	.	.
Other (427.8)	.2	.2	.3	.2	.3	1	.2	.2	2
Unspecified (427.9)	1.8	1.9	1.7	2.0	1.8	1.8	1.4	2.2	1.7
Heart failure (428)									
Congestive heart failure (428.0)	15.6	12.9	18.3	13.4	19.4	10.0	12.3	11.8	14.7
Left heart failure (428.1)	13.8	11.1	16.4	11.6	17.5	8.3	10.7	9.7	12.8
Unspecified (428.9)	.1	.1	.1	.1	.1	.	.	.	.
Unspecified (428.9)	1.7	1.7	1.8	1.7	1.8	1.7	1.6	2.0	1.9
Ill-defined descriptions and complications of heart disease (429)									
Myocarditis, unspecified (429.0)	30.6	30.8	30.4	30.1	30.9	35.1	27.3	41.4	32.7
Myocardial degeneration (429.1)	.3	.3	.3	.2	.3	.4	.4	.4	.5
Cardiovascular disease, unspecified (429.2)	.3	.3	.2	.3	.2	.3	.3	.4	.3
Cardiomegaly (429.3)	28.6	28.6	28.5	27.9	29.2	32.3	24.9	38.0	29.8
Rupture of chordae tendinae (429.5)	.3	.4	.2	.3	.2	.6	.3	.7	.4
Rupture of papillary muscle (429.6)	.	.	.	.	.	.	.	.	.
Other (429.8)	.1	.1	.0	.1	.0	.	.	.	.
Unspecified (429.9)	1.1	1.3	1.0	1.3	.9	1.4	1.4	1.8	1.7
Cerebrovascular diseases (430-438)									
Subarachnoid hemorrhage (430)	58.6	47.4	69.3	47.5	72.1	46.7	55.0	59.2	63.5
Intracerebral hemorrhage (431)	2.7	1.9	3.5	1.9	3.4	2.0	4.3	2.2	4.6
Other and unspecified intracranial hemorrhage (432)	7.3	6.8	7.8	6.4	7.8	9.2	7.8	10.2	8.5
Nontraumatic extradural hemorrhage (432.0)	1.0	1.0	1.0	.9	.9	1.4	1.4	1.6	1.5
Subdural hemorrhage (432.1)	.	.	.	.	.	.	.	.	.
Unspecified intracranial hemorrhage (432.9)	.2	.2	.2	.2	.2	.3	.2	.3	.2
Unspecified intracranial hemorrhage (432.9)	.8	.8	.9	.7	.8	1.1	1.2	1.3	1.3
Occlusion and stenosis of precerebral arteries (433)									
Basilar artery (433.0)	.5	.5	.5	.6	.5	.3	.3	.3	.3
Carotid artery (433.1)	.1	.1	.1	.1	.1	.1	.1	.	.1
Vertebral artery (433.2)	.3	.3	.3	.4	.3	.1	.2	.2	.2
Multiple and bilateral (433.3)	.0	.0	.0	.0	.0	.	.	.	.
Other (433.8)	.0	.0	.0	.0	.0	.	.	.	.
Unspecified (433.9)	.	.	.	.	.	.	.	.	.
Occlusion of cerebral arteries (434)									
Cerebral thrombosis (434.0)	.8	6.5	9.9	6.7	10.5	5.4	6.6	6.3	7.8
Cerebral embolism (434.1)	3.5	2.5	4.5	2.7	4.9	1.5	2.4	1.7	2.9
Unspecified (434.9)	.3	.2	.3	.2	.4	.2	.1	.2	.2
Unspecified (434.9)	4.4	3.8	5.0	3.9	5.2	3.7	4.0	4.4	4.7
Transient cerebral ischemia (435)									
Transient cerebral ischemia (435)	.1	.1	.2	.1	.2	.	.	.	.
Acute but ill-defined cerebrovascular disease (436)									
Acute but ill-defined cerebrovascular disease (436)	32.2	25.4	38.7	25.7	40.5	23.8	29.4	27.6	34.8
Other and ill-defined cerebrovascular diseases (437)									
Cerebral atherosclerosis (437.0)	4.0	2.9	5.0	3.0	5.4	2.2	3.0	2.6	3.5
Other generalized ischemic cerebrovascular disease (437.1)	1.8	1.2	2.3	1.3	2.6	.7	.9	.8	1.1
Hypertensive encephalopathy (437.2)	.3	.2	.3	.2	.3	.3	.3	.3	.3
Cerebral aneurysm, nonruptured (437.3)	.0	.0	.0	.0	.0	.	.	.	.
Cerebral arteritis (437.4)	.2	.1	.2	.1	.2	.	.2	.	.3
Moyamoya disease (437.5)	.0	.0	.0	.0	.0	.	.	.	.
Nonpyogenic thrombosis of intracranial venous sinus (437.6)	.	.	.	.	.	.	.	.	.
Other (437.8)	.0	.0	.0	.0	.0	.	.	.	.
Unspecified (437.9)	1.7	1.3	2.1	1.3	2.2	1.0	1.4	1.2	1.7
Late effects of cerebrovascular diseases (438)									
Diseases of arteries, arterioles, and capillaries (440-448)	2.5	2.1	2.8	2.1	2.9	2.2	2.2	2.4	2.4
Atherosclerosis (440)									
Atherosclerosis (440)	17.6	17.9	17.3	19.5	18.6	9.4	10.3	10.7	12.0
Of aorta (440.0)	7.8	6.0	9.5	6.5	10.4	3.2	4.7	3.8	5.5
Of renal artery (440.1)	.0	.0	.0	.0	.0	.	.	.	.
Of arteries of the extremities (440.2)	.4	.3	.5	.3	.5	.2	.4	.3	.5
Of other specified arteries (440.8)	.	.	.	.	.	.	.	.	.
Generalized and unspecified (440.9)	7.4	5.6	9.0	6.1	9.9	3.0	4.3	3.5	5.0
Aortic aneurysm (441)									
Aortic aneurysm (441)	6.5	8.9	4.3	9.8	4.6	3.8	2.7	4.1	3.1
Dissecting aneurysm, any part (441.0)	1.2	1.5	1.0	1.5	1.0	1.2	.9	1.3	.9
Thoracic aneurysm, ruptured (441.1)	.5	.6	.5	.6	.5	.3	.3	.3	.3
Thoracic aneurysm without mention of rupture (441.2)	.2	.2	.2	.2	.2	.2	.2	.2	.3
Abdominal aneurysm, ruptured (441.3)	2.7	4.1	1.4	4.7	1.6	1.1	.6	1.1	.7
Abdominal aneurysm without mention of rupture (441.4)	.9	1.0	.4	1.1	.5	.3	.2	.4	.3
Aortic aneurysm of unspecified site, ruptured (441.5)	.7	1.2	.6	1.3	.6	.5	.4	.5	.4
Aortic aneurysm of unspecified site without mention of rupture (441.6)	.3	.3	.2	.3	.2	.2	.1	.2	.1
Other aneurysm (442)									
Other aneurysm (442)	.3	.4	.2	.4	.2	.3	.1	.3	.2
Of artery of upper extremity (442.0)	.	.	.	.	.	.	.	.	.
Of renal artery (442.1)	.0	.0	.	.0
Of iliac artery (442.2)	.1	.1	.0	.1	.0	.1	.	.2	.
Of artery of lower extremity (442.3)	.0	.0	.	.0

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Other aneurysm-Con.									
Of other specified artery (442.8)	105	49	56	44	49	5	7	4	7
Of unspecified site (442.9)	326	197	129	172	112	25	17	21	16
Other peripheral vascular disease (443)	3,924	1,777	2,147	1,512	1,830	265	317	254	308
Raynaud's syndrome (443.0)	8	1	7	1	7	-	-	-	-
Thromboangiitis obliterans (Buerger's disease) (443.1)	32	21	17	10	10	4	1	4	1
Other (443.8)	33	10	23	10	23	-	-	-	-
Unspecified (443.9)	3,851	1,745	2,106	1,484	1,790	261	316	250	307
Arterial embolism and thrombosis (444)	1,263	564	799	528	734	36	65	31	63
Of abdominal aorta (444.0)	106	45	60	43	58	3	2	2	2
Of other aorta (444.1)	307	136	171	126	160	10	11	10	11
Of arteries of the extremities (444.2)	507	200	307	192	277	8	30	6	29
Of other specified artery (444.8)	100	42	58	39	53	3	5	3	5
Of unspecified artery (444.9)	343	140	203	128	186	12	17	10	16
Polyarteritis nodosa and allied conditions (446)	785	314	471	278	378	36	93	30	85
Polyarteritis nodosa (446.0)	121	60	61	55	55	5	6	4	5
Acute febrile mucocutaneous lymphnode syndrome (MCLS) (446.1)	6	4	2	4	-	-	2	-	2
Hypersensitivity angitis (446.2)	111	36	75	29	67	7	8	6	7
Lethal midline granuloma (446.3)	4	3	1	3	1	-	-	-	-
Wegener's granulomatosis (446.4)	183	106	77	101	74	5	3	2	3
Giant cell arteritis (446.5)	107	35	72	34	69	1	3	-	3
Thrombotic microangiopathy (446.6)	244	69	175	51	105	18	70	18	64
Takayasu disease (446.7)	9	1	8	1	7	-	1	-	1
Other disorders of arteries and arterioles (447)	1,283	627	656	566	585	61	71	49	66
Arteriovenous fistula, acquired (447.0)	9	5	4	4	3	1	1	1	1
Stricture of artery (447.1)	136	67	69	58	62	9	7	9	7
Rupture of artery (447.2)	209	136	73	119	61	17	12	13	11
Hyperplasia of renal artery (447.3)	-	-	-	-	-	-	-	-	-
Celiac artery compression syndrome (447.4)	-	-	-	-	-	-	-	-	-
Necrosis of artery (447.5)	3	-	3	-	3	-	-	-	-
Arteritis, unspecified (447.6)	558	218	340	199	306	19	34	14	31
Other (447.8)	18	9	9	9	9	-	-	-	-
Unspecified (447.9)	349	192	157	177	140	15	17	12	16
Diseases of capillaries (448)	40	18	22	14	17	4	5	4	5
Hereditary hemorrhagic telangiectasia (448.0)	24	11	13	7	11	4	2	4	2
Nevus, non-neoplastic (448.1)	1	-	-	-	-	-	-	-	-
Other and unspecified (448.9)	16	7	9	7	6	-	3	-	3
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	4,319	2,062	2,257	1,693	1,881	369	376	339	356
Phlebitis and thrombophlebitis (451)	1,498	668	830	552	699	116	131	112	124
Of superficial vessels of lower extremities (451.0)	5	2	3	2	2	-	1	-	1
Of deep vessels of lower extremities (451.1)	555	260	295	203	237	57	58	55	55
Of lower extremities, unspecified (451.2)	476	217	259	165	216	32	43	30	40
Of other sites (451.8)	34	12	22	11	18	1	4	1	4
Of unspecified site (451.9)	428	177	251	151	226	26	25	26	24
Portal vein thrombosis (452)	46	17	29	14	28	3	1	3	1
Other venous embolism and thrombosis (453)	363	163	200	133	163	30	37	29	37
Budd-Chiari syndrome (453.0)	45	13	32	12	30	1	2	1	2
Thrombophlebitis migrans (453.1)	3	-	3	-	3	-	-	-	-
Of vena cava (453.2)	60	34	26	27	22	7	4	7	4
Of renal vein (453.3)	13	9	4	7	2	2	2	2	2
Of other specified veins (453.8)	123	62	61	52	46	10	15	10	15
Of unspecified site (453.9)	119	45	74	35	60	10	14	9	14
Varicose veins of lower extremities (454)	167	89	78	76	65	13	13	12	12
With ulcer (454.0)	45	21	24	17	19	4	5	4	5
With inflammation (454.1)	17	5	12	5	8	-	4	-	4
With ulcer and inflammation (454.2)	6	2	4	1	4	1	-	1	-
Without mention of ulcer or inflammation (454.9)	99	61	38	53	34	8	4	7	3
Hemorrhoids (455)	18	11	7	10	6	1	1	1	1
Internal hemorrhoids without mention of complication (455.0)	1	1	-	1	-	-	-	-	-
Internal thrombosed hemorrhoids (455.1)	1	1	-	1	-	-	-	-	-
Internal hemorrhoids with other complication (455.2)	6	3	3	3	3	-	-	-	-
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)	7	4	3	3	2	1	1	1	1
Unspecified thrombosed hemorrhoids (455.7)	-	-	-	-	-	-	-	-	-
Unspecified hemorrhoids with other complication (455.8)	3	2	1	2	1	-	-	-	-
Residual hemorrhoidal skin tags (455.9)	-	-	-	-	-	-	-	-	-
Varicose veins of other sites (456)	410	259	151	212	128	47	23	40	21
Esophageal varices with bleeding (456.0)	325	202	123	163	103	39	20	33	19
Esophageal varices without mention of bleeding (456.1)	47	31	16	26	15	5	1	4	1
Sublingual varices (456.3)	1	1	-	1	-	-	-	-	-
Scrotal varices (456.4)	-	-	-	-	-	-	-	-	-
Pelvic varices (456.5)	-	-	-	-	-	-	-	-	-
Vulval varices (456.6)	-	-	-	-	-	-	-	-	-
Other (456.8)	37	25	12	22	10	3	2	3	1
Noninfective disorders of lymphatic channels (457)	41	24	17	21	16	3	1	2	1
Other lymphedema (457.1)	18	12	6	11	5	1	1	-	1
Lymphangitis (457.2)	4	2	2	2	2	-	-	-	-
Other noninfective disorders of lymphatic channels (457.8)	16	10	6	8	6	2	-	2	-
Unspecified (457.9)	3	-	3	-	3	-	-	-	-
Hypotension (458)	934	438	496	348	396	90	100	80	96
Orthostatic hypotension (458.0)	13	9	4	8	4	1	-	-	-
Chronic hypotension (458.1)	-	-	-	-	-	-	-	-	-
Unspecified (458.9)	921	429	492	340	392	89	100	80	96

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Other aneurysm-Con.									
Of other specified artery (442.8)	0.0	0.0	0.0	0.0	0.0	*	*	*	*
Of unspecified site (442.9)	.1	.2	.1	.2	.1	0.1	*	0.1	*
Other peripheral vascular disease (443)	1.6	1.5	1.7	1.5	1.7	1.4	1.5	1.7	1.9
Raynaud's syndrome (443.0)	*	*	*	*	*	*	*	*	*
Thromboangiitis obliterans (Buerger's disease) (443.1)	*	*	*	*	*	*	*	*	*
Other (443.8)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified (443.9)	1.6	1.4	1.7	1.5	1.7	1.4	1.5	1.7	1.9
Arterial embolism and thrombosis (444)	.5	.5	.6	.5	.7	.2	.3	.2	.4
Of abdominal aorta (444.0)	.0	.0	.0	.0	.1	*	*	*	*
Of other aorta (444.1)	.1	.1	.1	.1	.1	*	*	*	*
Of arteries of the extremities (444.2)	.2	.2	.2	.2	.3	*	.1	*	.2
Of other specified artery (444.8)	.2	.2	.0	.0	.0	*	*	*	*
Of unspecified artery (444.9)	.1	.1	.2	.1	.2	*	*	*	*
Polyarteritis nodosa and allied conditions (446)	.3	.3	.4	.3	.4	.2	.5	.2	.5
Polyarteritis nodosa (446.0)	.0	.0	.0	.1	.1	*	*	*	*
Acute febrile mucocutaneous lymphode syndrome (MCLS) (446.1)	*	*	*	*	*	*	*	*	*
Hypersensitivity angitis (446.2)	.0	.0	.1	.0	.1	*	*	*	*
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	.0	.1	*	.3	*	.4
Takayasu disease (446.7)	*	*	*	*	*	*	*	*	*
Other disorders of arteries and arterioles (447)	.5	.5	.5	.6	.5	.3	.3	.3	.4
Arteriovenous fistula, acquired (447.0)	*	*	*	*	*	*	*	*	*
Stricture of artery (447.1)	.1	.1	.1	.1	.1	*	*	*	*
Rupture of artery (447.2)	.1	.1	.1	.1	.1	*	*	*	*
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)	*	*	*	*	*	*	*	*	*
Unspecified (447.9)	.1	.2	.1	.2	.1	*	*	*	*
Diseases of capillaries (448)	.0	*	.0	*	*	*	*	*	*
Hereditary hemorrhagic telangiectasia (448.0)	.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	1.8	1.7	1.8	2.0	1.8	2.3	2.2
Phlebitis and thrombophlebitis (451)	.6	.6	.7	.5	.7	.6	.6	.8	.8
Of superficial vessels of lower extremities (451.0)	*	*	*	*	*	*	*	*	*
Of deep vessels of lower extremities (451.1)	.2	.2	.2	.2	.2	.3	.3	.4	.3
Of lower extremities, unspecified (451.2)	.2	.2	.2	.2	.2	.2	.2	.2	.2
Of other sites (451.8)	.0	*	.0	*	*	*	*	*	*
Of unspecified site (451.9)	.2	.1	.2	.1	.2	.1	.1	.2	.1
Portal vein thrombosis (452)	.0	*	.0	*	.0	*	*	*	*
Other venous embolism and thrombosis (453)	.1	.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	.0	*	*	*	*
Of renal vein (453.3)	*	*	*	*	*	*	*	*	*
Of other specified veins (453.8)	.0	.1	.0	.1	.0	*	*	*	*
Of unspecified site (453.9)	.0	.0	.1	.0	.1	*	*	*	*
Varicose veins of lower extremities (454)	.1	.1	.1	.1	.1	*	*	*	*
With ulcer (454.0)	.0	.0	.0	*	*	*	*	*	*
With inflammation (454.1)	*	*	*	*	*	*	*	*	*
With ulcer and inflammation (454.2)	*	*	*	*	*	*	*	*	*
Without mention of ulcer or inflammation (454.8)	.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	.3	.1	.3	.1
Esophageal varices with bleeding (456.0)	.1	.2	.1	.2	.1	.2	.1	.2	*
Esophageal varices without mention of bleeding (456.1)	.0	.0	*	*	*	*	*	*	*
Sublingual varices (456.3)	*	*	*	*	*	*	*	*	*
Scrotal varices (456.4)	*	*	*	*	*	*	*	*	*
Pelvic varices (456.5)	*	*	*	*	*	*	*	*	*
Vulvar varices (456.6)	*	*	*	*	*	*	*	*	*
Other (456.8)	.0	.0	*	.0	*	*	*	*	*
Noninfective disorders of lymphatic channels (457)	.0	.0	*	.0	*	*	*	*	*
Other lymphedema (457.1)	*	*	*	*	*	*	*	*	*
Lymphangitis (457.2)	*	*	*	*	*	*	*	*	*
Other noninfective disorders of lymphatic channels (457.8)	*	*	*	*	*	*	*	*	*
Unspecified (457.9)	*	*	*	*	*	*	*	*	*
Hypotension (458)	.4	.4	.4	.3	.4	.5	.5	.6	.6
Orthostatic hypotension (458.0)	*	*	*	*	*	*	*	*	*
Chronic hypotension (458.1)	*	*	*	*	*	*	*	*	*
Unspecified (458.9)	.4	.4	.4	.3	.4	.5	.5	.6	.6

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Diseases of veins and lymphatics, and other diseases of circulatory system-Con.									
Other disorders of circulatory system (459)	842	393	449	327	380	66	69	60	63
Hemorrhage, unspecified (459.0)	409	197	212	155	177	42	35	36	33
Post-phlebotic syndrome (459.1)	-	-	-	-	-	-	-	-	-
Compression of vein (459.2)	30	17	13	17	9	-	4	-	4
Other (459.8)	24	12	12	9	10	3	2	3	-
Unspecified (459.9)	379	167	212	146	184	21	28	21	26
VIII. Diseases of the respiratory system (460-519)									
Acute respiratory infections (460-466)									
Acute respiratory infections (460-466)	909	428	481	357	418	71	63	58	59
Acute nasopharyngitis (common cold) (460)	5	3	2	3	2	-	-	-	-
Acute sinusitis (461)	9	4	5	3	4	1	1	1	1
Maxillary (461.0)	2	-	2	-	2	-	-	-	-
Frontal (461.1)	1	-	1	-	-	-	1	-	1
Ethmoidal (461.2)	-	-	-	-	-	-	-	-	-
Sphenoidal (461.3)	2	-	-	-	-	-	-	-	-
Other (461.8)	2	2	-	2	-	-	-	-	-
Unspecified (461.9)	4	2	2	1	2	1	-	1	-
Acute pharyngitis (462)	19	10	9	9	7	1	2	1	1
Acute tonsillitis (463)	5	3	2	2	1	1	1	1	1
Acute laryngitis and tracheitis (464)	90	63	27	49	21	14	6	10	5
Acute laryngitis (464.0)	11	7	4	5	4	2	-	1	-
Acute tracheitis (464.1)	26	15	11	12	7	3	4	3	3
Acute laryngotracheitis (464.2)	6	6	-	6	-	-	-	-	-
Acute epiglottitis (464.3)	44	32	12	24	10	8	2	5	2
Croup (464.4)	3	3	-	2	-	1	-	1	-
Acute upper respiratory infections of multiple or unspecified sites (465)	148	57	91	50	80	7	11	6	11
Acute laryngopharyngitis (465.0)	-	-	-	-	-	-	-	-	-
Other multiple sites (465.8)	-	-	-	-	-	-	-	-	-
Unspecified site (465.9)	148	57	91	50	80	7	11	6	11
Acute bronchitis and bronchiolitis (466)	633	288	345	241	303	47	42	39	40
Acute bronchitis (466.0)	551	239	312	210	284	29	28	25	26
Acute bronchiolitis (466.1)	82	49	33	31	19	18	14	14	14
Other diseases of upper respiratory tract (470-478)	338	174	164	136	134	38	30	32	26
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)	1	-	1	-	1	-	-	-	-
Chronic rhinitis (472.0)	-	-	-	-	-	-	-	-	-
Chronic pharyngitis (472.1)	1	-	1	-	1	-	-	-	-
Chronic nasopharyngitis (472.2)	-	-	-	-	-	-	-	-	-
Chronic sinusitis (473)	78	43	35	32	27	11	8	8	7
Maxillary (473.0)	3	2	1	1	-	1	1	-	1
Frontal (473.1)	2	2	-	1	-	1	-	1	-
Ethmoidal (473.2)	4	1	3	1	2	-	1	-	1
Sphenoidal (473.3)	4	3	1	3	1	-	-	-	-
Other (473.8)	14	8	6	7	4	1	2	1	2
Unspecified (473.9)	51	27	24	19	20	8	4	6	3
Chronic disease of tonsils and adenoids (474)	11	7	4	4	4	3	-	3	-
Chronic tonsillitis (474.0)	2	2	-	1	-	1	-	1	-
Hypertrophy of tonsils and adenoids (474.1)	3	2	1	2	1	-	-	-	-
Adenoid vegetations (474.2)	-	-	-	-	-	-	-	-	-
Other chronic disease of tonsils and adenoids (474.8)	2	2	-	1	-	1	-	1	-
Unspecified (474.9)	4	1	3	-	3	1	-	1	-
Peritonsillar abscess (475)	37	13	24	11	21	2	3	1	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)	3	2	1	2	1	-	-	-	-
Due to pollen (477.0)	-	-	-	-	-	-	-	-	-
Due to other allergen (477.8)	-	-	-	-	-	-	-	-	-
Cause unspecified (477.9)	3	2	1	2	1	-	-	-	-
Other diseases of upper respiratory tract (478)	204	108	96	86	78	22	18	20	16
Hypertrophy of nasal turbinates (478.0)	-	-	-	-	-	-	-	-	-
Other diseases of nasal cavity and sinuses (478.1)	2	-	2	-	-	-	-	-	-
Other diseases of pharynx, not elsewhere classified (478.2)	84	48	36	43	30	5	6	5	5
Paralysis of vocal cords or larynx (478.3)	28	11	17	7	17	4	-	3	-
Polyp of vocal cord or larynx (478.4)	4	3	1	2	1	1	-	1	-
Other diseases of vocal cords (478.5)	1	-	1	-	-	-	1	-	1
Edema of larynx (478.6)	15	7	8	6	7	1	1	1	1
Other diseases of larynx, not elsewhere classified (478.7)	62	33	29	22	19	11	10	10	9
Upper respiratory tract hypersensitivity reaction, site unspecified (478.8)	-	-	-	-	-	-	-	-	-
Other and unspecified diseases of upper respiratory tract (478.9)	8	6	2	6	2	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	5	2	3	1	1	1	2	1	2
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)	4	2	2	1	1	1	1	1	1
Unspecified (525.9)	1	-	1	-	-	-	1	-	1
Diseases of the jaws (526)	6	5	1	3	1	2	-	2	-
Developmental odontogenic cysts (526.0)	-	-	-	-	-	-	-	-	-
Fissural cysts of jaw (526.1)	-	-	-	-	-	-	-	-	-
Other cysts of jaws (526.2)	1	1	-	-	-	1	-	1	-
Central giant cell (reparative) granuloma (526.3)	-	-	-	-	-	-	-	-	-
Inflammatory conditions (526.4)	4	3	1	2	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)	34	13	21	12	19	1	2	1	2
Atrophy (527.0)	-	-	-	-	-	-	-	-	-
Hypertrophy (527.1)	-	-	-	-	-	-	-	-	-
Sialoadenitis (527.2)	23	7	16	7	15	-	1	-	1
Abscess (527.3)	9	4	5	3	4	1	1	1	1
Fistula (527.4)	-	-	-	-	-	-	-	-	-
Sialolithiasis (527.5)	-	-	-	-	-	-	-	-	-
Mucocele (527.6)	-	-	-	-	-	-	-	-	-
Disturbance of salivary secretion (527.7)	-	-	-	-	-	-	-	-	-
Other (527.8)	-	-	-	-	-	-	-	-	-
Unspecified (527.9)	2	2	-	2	-	-	-	-	-
Diseases of the oral soft tissues, excluding lesions specific for gingiva and tongue (528)	30	15	15	11	12	4	3	3	2
Stomatitis (528.0)	4	1	3	1	2	-	1	-	-
Cancrum oris (528.1)	-	-	-	-	-	-	-	-	-
Oral aphthae (528.2)	-	-	-	-	-	-	-	-	-
Cellulitis and abscess (528.3)	8	5	3	2	3	3	-	2	-
Cysts (528.4)	-	-	-	-	-	-	-	-	-
Diseases of lips (528.5)	2	1	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	8	8	7	6	1	2	1	2
Diseases and other conditions of the tongue (529)	2	1	1	-	-	1	1	1	1
Glossitis (529.0)	2	1	1	-	-	1	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)	9,549	4,732	4,817	4,115	4,309	617	508	512	455
Diseases of esophagus (530)	1,872	1,017	855	927	781	90	74	78	68
Achalasia and cardiospasm (530.0)	87	49	38	43	34	6	4	6	4
Esophagitis (530.1)	505	254	251	232	226	22	25	18	24
Ulcer of esophagus (530.2)	128	75	53	68	49	7	4	6	4
Stricture and stenosis of esophagus (530.3)	272	133	139	126	133	7	6	6	4
Perforation of esophagus (530.4)	217	124	93	114	84	10	9	9	9
Dyskinesia of esophagus (530.5)	227	130	97	124	91	6	6	5	6
Diverticulum of esophagus, acquired (530.6)	72	38	34	37	33	1	1	1	1
Gastro-esophageal laceration-hemorrhage syndrome (530.7)	67	47	20	40	16	7	4	6	2
Other disorders of esophagus (530.8)	238	137	101	117	89	20	12	18	11
Unspecified (530.9)	59	30	29	26	26	4	3	3	3
Gastric ulcer (531)	1,980	889	1,091	725	962	164	129	136	110
Acute with hemorrhage (531.0)	28	16	12	13	12	3	-	2	-
Acute with perforation (531.1)	6	2	4	2	4	-	-	-	-
Acute with hemorrhage and perforation (531.2)	2	1	1	1	1	-	-	-	-
Acute without mention of hemorrhage or perforation (531.3)	6	1	5	1	5	-	-	-	-
Chronic or unspecified with hemorrhage (531.4)	999	494	505	400	438	94	67	72	55
Chronic or unspecified with perforation (531.5)	642	244	398	197	352	47	46	44	40
Chronic or unspecified with hemorrhage and perforation (531.6)	73	37	36	32	33	5	3	5	2
Chronic without mention of hemorrhage or perforation (531.7)	5	3	2	3	2	-	-	-	-
Unspecified as acute or chronic without mention of hemorrhage or perforation (531.9)	219	91	128	76	115	15	13	13	13
Duodenal ulcer (532)	2,228	1,167	1,061	1,019	966	148	95	119	86
Acute with hemorrhage (532.0)	25	18	7	16	7	2	-	1	-
Acute with perforation (532.1)	6	3	3	2	3	1	-	1	-
Acute with hemorrhage and perforation (532.2)	3	1	2	1	2	-	-	-	-
Acute without mention of hemorrhage or perforation (532.3)	2	-	2	-	2	-	-	-	-
Chronic or unspecified with hemorrhage (532.4)	1,010	581	429	516	393	65	36	51	30
Chronic or unspecified with perforation (532.5)	919	413	506	358	464	55	42	48	39

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	.	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	.	.	.	.	.	.	.	.
Stomatitis (528.0) .....	.	.	.	.	.	.	.	.	.
Cancerum 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)	3.8	3.9	3.8	4.0	4.0	3.3	2.5	3.5	2.8
Diseases of esophagus (530) .....	.8	.8	.7	.9	.7	.5	.4	.5	.4
Achalasia and cardiospasm (530.0) .....	.0	.0	.0	.0	.0	.	.	.	.
Esophagitis (530.1) .....	.2	.2	.2	.2	.2	.1	.1	.	.1
Ulcer of esophagus (530.2) .....	.1	.1	.0	.1	.0	.	.	.	.
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	.	.	.
Unspecified (530.9) .....	.0	.0	.0	.0	.0	.	.	.	.
Gastric ulcer (531) .....	.8	.7	.9	.7	.9	.9	.6	.9	.7
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	.5	.3	.5	.3
Chronic or unspecified with perforation (531.5) .....	.3	.2	.3	.2	.3	.3	.2	.3	.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) .....	.9	1.0	.8	1.0	.9	.8	.5	.8	.5
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	.5	.3	.5	.4	.3	.2	.4	.2
Chronic or unspecified with perforation (532.5)4	.3	.4	.4	.4	.3	.2	.3	.2

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Duodenal ulcer-Con.									
Chronic or unspecified with hemorrhage and perforation (532.6)	89	58	31	48	25	10	6	7	6
Chronic without mention of hemorrhage or perforation (532.7)	8	4	4	3	4	1	-	1	-
Unspecified as acute or chronic without mention of hemorrhage or perforation (532.9)	166	89	77	75	66	14	11	10	11
Peptic ulcer, site unspecified (533)	2,247	1,089	1,158	957	1,035	132	123	107	107
Acute with hemorrhage (533.0)	20	12	8	12	6	-	2	-	2
Acute with perforation (533.1)	6	3	3	3	3	-	-	-	-
Acute with hemorrhage and perforation (533.2)	-	-	-	-	-	-	-	-	-
Acute without mention of hemorrhage or perforation (533.3)	2	-	2	-	2	-	-	-	-
Chronic or unspecified with hemorrhage (533.4)	1,314	649	665	573	590	76	75	64	64
Chronic or unspecified with perforation (533.5)	539	240	299	210	270	30	29	21	26
Chronic or unspecified with hemorrhage and perforation (533.6)	52	32	20	28	18	4	2	4	1
Chronic without mention of hemorrhage or perforation (533.7)	1	6	4	6	4	-	-	-	-
Unspecified as acute or chronic without mention of hemorrhage or perforation (533.9)	304	147	157	125	142	22	15	18	14
Gastrojejunal ulcer (534)	71	42	29	38	26	4	3	4	3
Acute with hemorrhage (534.0)	2	1	1	1	1	-	-	-	-
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)	41	28	13	24	10	4	3	4	3
Chronic or unspecified with perforation (534.5)	19	9	10	9	10	-	-	-	-
Chronic or unspecified with hemorrhage and perforation (534.6)	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)	7	2	5	2	5	-	-	-	-
Gastritis and duodenitis (535)	679	339	340	280	299	59	41	48	41
Acute gastritis (535.0)	86	36	50	32	45	4	5	4	5
Atrophic gastritis (535.1)	30	12	18	12	14	-	4	-	4
Gastric mucosal hypertrophy (535.2)	-	-	-	-	-	-	-	-	-
Alcoholic gastritis (535.3)	79	58	21	43	17	15	4	14	4
Other gastritis (535.4)	171	83	88	65	84	18	4	12	4
Unspecified gastritis and gastroduodenitis (535.5)	300	141	159	119	135	22	24	18	24
Duodenitis (535.6)	13	9	4	9	4	-	-	-	-
Disorders of function of stomach (536)	113	44	69	38	58	6	11	6	11
Achlorhydria (536.0)	-	-	-	-	-	-	-	-	-
Acute dilatation of stomach (536.1)	6	3	3	3	2	-	1	-	1
Habit vomiting (536.2)	1	-	1	-	1	-	-	-	-
Dyspepsia and other disorders of function of stomach (536.8)	54	21	33	18	26	3	7	3	7
Unspecified (536.9)	52	20	32	17	29	3	3	3	3
Other disorders of stomach and duodenum (537)	359	145	214	131	182	14	32	14	29
Adult hypertrophic pyloric stenosis (537.0)	119	40	79	36	69	4	10	4	9
Gastric diverticulum (537.1)	2	-	2	-	2	-	-	-	-
Chronic duodenal ileus (537.2)	-	-	-	-	-	-	-	-	-
Other obstruction of duodenum (537.3)	11	5	6	5	5	-	1	-	1
Fistula of stomach or duodenum (537.4)	39	17	22	16	17	1	5	1	4
Gastroptosis (537.5)	-	-	-	-	-	-	-	-	-
Hourglass stricture or stenosis of stomach (537.6)	-	-	-	-	-	-	-	-	-
Other (537.8)	74	29	45	26	42	3	3	3	2
Unspecified (537.9)	114	54	60	48	47	6	13	6	13
Appendicitis (540-543)	451	237	214	185	169	52	45	47	42
Acute appendicitis (540)	391	202	189	157	146	45	43	41	41
With generalized peritonitis (540.0)	337	175	162	136	127	39	35	35	33
With peritoneal abscess (540.1)	31	11	20	9	13	2	7	2	7
Without mention of peritonitis (540.9)	23	16	7	12	6	4	1	4	1
Appendicitis, unqualified (541)	56	32	24	25	22	7	2	6	1
Other appendicitis (542)	-	-	-	-	-	-	-	-	-
Other diseases of appendix (543)	4	3	1	3	1	-	-	-	-
Hernia of abdominal cavity (550-553)	1,343	574	769	496	693	78	76	71	69
Inguinal hernia (550)	197	152	45	123	40	29	5	27	5
Inguinal hernia with gangrene (550.0)	27	19	8	14	7	5	1	5	1
Inguinal hernia with obstruction without mention of gangrene (550.1)	122	90	32	72	28	18	4	16	4
Inguinal hernia without mention of obstruction or gangrene (550.9)	48	43	5	37	5	6	-	6	-
Other hernia of abdominal cavity, with gangrene (551)	117	40	77	34	66	6	11	6	8
Femoral with gangrene (551.0)	8	1	7	1	5	-	2	-	1
Umbilical with gangrene (551.1)	17	8	9	8	7	-	2	-	2
Ventral (incisional) with gangrene (551.2)	35	8	27	7	23	1	4	1	3
Diaphragmatic with gangrene (551.3)	11	2	9	2	9	-	-	-	-
Of other specified sites with gangrene (551.8)	13	5	8	4	7	1	1	1	1
Of unspecified site with gangrene (551.9)	33	16	17	12	15	4	2	4	1
Other hernia of abdominal cavity with obstruction, without mention of gangrene (552)	482	164	318	152	288	12	30	12	29
Femoral with obstruction (552.0)	52	20	32	18	30	2	2	2	1
Umbilical with obstruction (552.1)	45	21	24	20	22	1	2	1	2
Ventral (incisional) with obstruction (552.2)	134	25	109	21	93	4	16	4	16
Diaphragmatic with obstruction (552.3)	77	25	52	25	52	-	-	-	-
Of other specified sites with obstruction (552.8)	21	8	13	8	11	-	2	-	2
Of unspecified site with obstruction (552.9)	153	65	88	60	80	5	8	5	8
Other hernia of abdominal cavity without mention of obstruction or gangrene (553)	547	218	329	187	299	31	30	26	27
Femoral (553.0)	8	2	6	1	5	1	1	-	-
Umbilical (553.1)	34	19	15	12	12	7	3	7	3
Ventral (incisional) (553.2)	63	24	39	20	31	4	8	4	7
Diaphragmatic (553.3)	340	112	228	104	219	8	9	6	8
Of other specified sites (553.8)	14	7	7	6	6	1	1	1	1
Of unspecified site (553.9)	88	54	34	44	26	10	8	8	8

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	.9	.9	1.0	0.7	0.6	0.7	0.7
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	.5	.5	.6	.6	.4	.4	.4	.4
Chronic or unspecified with perforation (533.5)	.2	.2	.2	.2	.3	.2	.1	.1	.2
Chronic or unspecified with hemorrhage and perforation (533.6)	.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	.1	.1	*	*	*
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	.3	.2	.3	.3
Acute gastritis (535.0)	.0	.0	.0	.0	.0	*	*	*	*
Atrophic gastritis (535.1)	.0	*	*	*	*	*	*	*	*
Gastric mucosal hypertrophy (535.2)	*	*	*	*	*	*	*	*	*
Alcoholic gastritis (535.3)	.0	.0	.0	.0	*	*	*	*	*
Other gastritis (535.4)	.1	.1	.1	.1	.1	*	*	*	*
Unspecified gastritis and gastroduodenitis (535.5)	.1	.1	.1	.1	.1	.1	.1	*	.1
Duodenitis (535.6)	*	*	*	*	*	*	*	*	*
Disorders of function of stomach (536)	.0	.0	.1	.0	.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	*	*	*	*
Unspecified (536.9)	.0	.0	.0	*	.0	*	*	*	*
Other disorders of stomach and duodenum (537)	.1	.1	.2	.1	.2	*	.2	*	.2
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	*	.0	*	*	*	*	*	*
Gastroptosis (537.5)	*	*	*	*	*	*	*	*	*
Hourglass stricture or stenosis of stomach (537.6)	*	*	*	*	*	*	*	*	*
Other (537.8)	.0	.0	.0	.0	.0	*	*	*	*
Unspecified (537.9)	.0	.0	.0	.0	.0	*	*	*	*
Appendicitis (540-543)	.2	.2	.2	.2	.2	.3	.2	.3	.3
Acute appendicitis (540)	.2	.2	.1	.2	.1	.2	.2	.3	.3
With generalized peritonitis (540.0)	.1	.1	.1	.1	.1	.2	.2	.2	.2
With peritoneal abscess (540.1)	*	*	.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	.6	.4	.4	.5	.4
Inguinal hernia (550)	.1	.1	.0	.1	.0	.2	*	.2	*
Inguinal hernia with gangrene (550.0)	.0	*	*	*	*	*	*	*	*
Inguinal hernia with obstruction without mention of gangrene (550.1)	.0	.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	.0	.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	.2	.1	.3	*	.1	*	.2
Femoral with obstruction (552.0)	.0	.0	.0	.0	.0	*	*	*	*
Umbilical with obstruction (552.1)	.0	.0	.0	.0	.0	*	*	*	*
Ventral (incisional) with obstruction (552.2)	.1	.0	.1	.0	.1	*	*	*	*
Diaphragmatic with obstruction (552.3)	.0	.0	.0	.0	.0	*	*	*	*
Of other specified sites with obstruction (552.8)	.0	*	*	*	*	*	*	*	*
Of unspecified site with obstruction (552.9)	.1	.1	.1	.1	.1	*	*	*	*
Other hernia of abdominal cavity without mention of obstruction or gangrene (553)	.2	.2	.3	.2	.3	.2	.1	.2	.2
Femoral (553.0)	*	*	*	*	*	*	*	*	*
Umbilical (553.1)	.0	*	*	*	*	*	*	*	*
Ventral (incisional) (553.2)	.0	.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	*	*	*	*

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Noninfective enteritis and colitis (555-558)	8,734	3,157	5,577	2,797	5,068	360	509	329	466
Regional enteritis (555)	329	125	204	117	191	8	13	7	11
Small intestine (555.0)	9	6	3	5	2	1	1	1	-
Large intestine (555.1)	9	1	8	1	8	-	-	-	-
Small intestine with large intestine (555.2)	3	1	2	1	2	-	-	-	-
Unspecified site (555.9)	308	117	191	110	179	7	12	6	11
Idiopathic proctocolitis (556)	307	151	156	142	150	9	6	8	5
Vascular insufficiency of intestine (557)	6,966	2,469	4,497	2,191	4,093	278	404	252	370
Acute (557.0)	4,593	1,608	2,985	1,440	2,734	168	251	153	235
Chronic (557.1)	348	122	226	112	208	10	18	10	13
Unspecified (557.9)	2,025	739	1,286	639	1,151	100	135	89	122
Other noninfective gastroenteritis and colitis (558)	1,132	412	720	347	634	65	86	62	80
Other diseases of intestines and peritoneum (560-569)	10,993	3,974	7,019	3,402	6,239	572	780	528	729
Intestinal obstruction without mention of hernia (560)	4,187	1,473	2,714	1,215	2,387	258	327	244	299
Intussusception (560.0)	27	13	14	11	10	2	4	1	4
Paralytic ileus (560.1)	250	93	157	65	142	28	15	26	15
Volvulus (560.2)	599	283	316	228	264	55	52	54	45
Impaction of intestine (560.3)	148	40	108	35	97	5	11	5	10
Other intestinal obstruction (560.8)	341	116	225	101	198	15	27	15	27
Unspecified intestinal obstruction (560.9)	2,822	928	1,894	775	1,676	153	218	143	198
Diverticula of intestine (562)	3,089	954	2,135	867	1,969	87	166	81	159
Small intestine (562.0)	30	8	22	6	19	2	3	2	3
Colon (562.1)	3,059	946	2,113	861	1,950	85	163	79	156
Functional digestive disorders, not elsewhere classified (564)	258	95	163	82	152	13	11	13	11
Constipation (564.0)	47	13	34	12	32	1	2	1	2
Irritable colon (564.1)	84	28	56	25	54	3	2	3	2
Other postoperative functional disorders (564.4)	-	-	-	-	-	-	-	-	-
Functional diarrhea (564.5)	-	-	-	-	-	-	-	-	-
Anal spasm (564.6)	-	-	-	-	-	-	-	-	-
Megacolon, other than Hirschsprung's (564.7)	84	39	45	31	42	8	3	8	3
Other functional disorders of intestine (564.8)	35	11	24	10	21	1	3	1	3
Unspecified (564.9)	8	4	4	4	3	-	1	-	1
Anal fissure and fistula (565)	17	10	7	8	6	2	1	2	1
Anal fissure (565.0)	3	2	1	2	-	1	1	-	1
Anal fistula (565.1)	14	8	6	6	6	2	-	2	-
Abscess of anal and rectal regions (566)	118	53	65	43	54	10	11	9	11
Peritonitis (567)	1,318	590	728	485	616	105	112	99	104
Pneumococcal peritonitis (567.1)	1	1	-	1	-	-	-	-	-
Other suppurative peritonitis (567.2)	467	236	231	188	184	48	47	46	45
Other peritonitis (567.8)	21	11	10	10	8	1	2	1	2
Unspecified (567.9)	829	342	487	286	424	56	63	52	57
Other disorders of peritoneum (568)	237	115	122	98	108	17	14	15	14
Peritoneal adhesions (568.0)	117	45	72	37	69	8	3	7	3
Other (568.8)	109	65	44	57	34	8	10	7	10
Unspecified (568.9)	11	5	6	4	5	1	1	1	1
Other disorders of intestine (569)	1,769	684	1,085	604	947	80	138	65	130
Anal and rectal polyp (569.0)	4	1	3	1	3	-	-	-	-
Rectal prolapse (569.1)	21	5	16	5	15	-	1	-	-
Stenosis of rectum and anus (569.2)	2	-	2	-	2	-	-	-	-
Hemorrhage of rectum and anus (569.3)	106	37	69	36	54	1	15	1	14
Other disorders of rectum and anus (569.4)	45	23	22	17	20	6	2	4	1
Abscess of intestine (569.5)	32	11	21	11	20	-	1	-	1
Other (569.8)	1,162	459	703	405	616	54	87	44	82
Unspecified (569.9)	397	148	249	129	217	19	32	16	32
Other diseases of digestive system (570-579)	44,959	26,546	18,413	22,158	15,472	4,388	2,941	3,835	2,545
Acute and subacute necrosis of liver (570)	352	187	165	146	129	41	36	35	33
Chronic liver disease and cirrhosis (571)	26,694	17,310	9,384	14,414	7,797	2,896	1,587	2,517	1,334
Alcoholic fatty liver (571.0)	663	483	180	299	108	184	72	177	64
Acute alcoholic hepatitis (571.1)	858	599	259	494	183	105	76	83	59
Alcoholic cirrhosis of liver (571.2)	8,243	6,034	2,209	5,013	1,735	1,021	474	866	397
Alcoholic liver damage, unspecified (571.3)	2,544	1,896	648	1,419	438	477	210	420	168
Chronic hepatitis (571.4)	786	367	419	307	360	60	59	39	43
Cirrhosis of liver without mention of alcohol (571.5)	12,307	7,326	4,981	6,409	4,380	917	601	792	520
Biliary cirrhosis (571.6)	394	58	336	53	327	5	9	4	6
Other chronic nonalcoholic liver disease (571.8)	623	404	219	293	158	111	61	103	56
Unspecified chronic liver disease without mention of alcohol (571.9)	276	143	133	127	108	16	25	13	21
Liver abscess and sequelae of chronic liver disease (572)	3,570	2,115	1,455	1,720	1,148	395	307	353	267
Abscess of liver (572.0)	127	68	59	51	41	17	18	17	10
Portal pyemia (572.1)	1	1	-	1	-	-	-	-	-
Hepatic coma (572.2)	453	279	174	215	126	64	48	62	41
Portal hypertension (572.3)	129	87	42	78	38	9	4	7	3
Hepatorenal syndrome (572.4)	545	349	196	291	155	58	41	50	38
Other sequelae of chronic liver disease (572.8)	2,315	1,331	984	1,084	788	247	196	217	175
Other disorders of liver (573)	1,558	923	635	741	503	182	132	155	120
Chronic passive congestion of liver (573.0)	13	8	5	7	4	1	1	1	1
Hepatitis unspecified (573.3)	551	266	285	220	232	46	53	38	49
Hepatic infarction (573.4)	26	15	11	13	11	2	-	1	-
Other (573.8)	141	88	53	65	45	23	8	17	8
Unspecified (573.9)	827	546	281	436	211	110	70	98	62

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Noninfective enteritis and colitis (555-558)	3.5	2.6	4.4	2.7	4.7	1.9	2.5	2.3	2.9
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	.1	*	*	*	*
Vascular insufficiency of intestine (557)	2.8	2.0	3.5	2.1	3.8	1.5	2.0	1.7	2.3
Acute (557.0)	1.9	1.3	2.3	1.4	2.6	.9	1.2	1.1	1.5
Chronic (557.1) .....	.1	.1	.2	.1	.2	*	*	*	*
Unspecified (557.9) .....	.8	.6	1.0	.6	1.1	.5	.7	.6	.8
Other noninfective gastroenteritis and colitis (558) .....	.5	.3	.6	.3	.6	.3	.4	.4	.5
Other diseases of intestines and peritoneum (560-569)	4.4	3.3	5.5	3.3	5.8	3.0	3.8	3.6	4.5
Intestinal obstruction without mention of hernia (560)	1.7	1.2	2.1	1.2	2.2	1.4	1.6	1.7	1.9
Intussusception (560.0) .....	.0	*	*	*	*	*	*	*	*
Paralytic ileus (560.1) .....	.1	.1	.1	.1	.1	.1	.2	.2	.3
Volvulus (560.2) .....	.2	.2	.2	.2	.2	.3	.3	.4	.3
Impaction of intestine (560.3) .....	.1	.0	.1	.0	.1	*	*	*	*
Other intestinal obstruction (560.8) .....	.1	.1	.2	.1	.2	*	.1	*	.2
Unspecified intestinal obstruction (560.9)	1.1	.8	1.5	.8	1.6	.8	1.1	1.0	1.2
Diverticula of intestine (562)	1.2	.8	1.7	.8	1.8	.5	.8	.6	1.0
Small intestine (562.0) .....	.0	*	.0	*	*	*	*	*	*
Colon (562.1)	1.2	.8	1.7	.8	1.8	.5	.8	.5	1.0
Functional digestive disorders, not elsewhere classified (564) .....	.1	.1	.1	.1	.1	*	*	*	*
Constipation (564.0) .....	.0	.0	.0	.0	.0	*	*	*	*
Irritable colon (564.1) .....	.0	.0	.0	.0	.1	*	*	*	*
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	*	.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	.1	.0	.1	*	*	*	*
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	.3	.2	.3	.3
Other peritonitis (567.8) .....	.0	*	*	*	*	*	*	*	*
Unspecified (567.9) .....	.3	.3	.4	.3	.4	.3	.3	.4	.4
Other disorders of peritoneum (568) .....	.1	.1	.1	.1	.1	*	*	*	*
Peritoneal adhesions (568.0) .....	.0	.0	.1	.0	.1	*	*	*	*
Other (568.8) .....	.0	.1	.0	.1	.0	*	*	*	*
Unspecified (568.9)	*	*	*	*	*	*	*	*	*
Other disorders of intestine (569) .....	.7	.6	.9	.6	.9	.4	.7	.4	.8
Anal and rectal polyp (569.0)	*	*	*	*	*	*	*	*	*
Rectal prolapse (569.1) .....	.0	*	*	*	*	*	*	*	*
Stenosis of rectum and anus (569.2) .....	.0	.0	.1	.0	.1	*	*	*	*
Hemorrhage of rectum and anus (569.3) .....	.0	.0	.0	.0	.0	*	*	*	*
Other disorders of rectum and anus (569.4) .....	.0	.0	.0	.0	.0	*	*	*	*
Abscess of intestine (569.5) .....	.0	*	.0	*	.0	*	*	*	*
Other (569.8) .....	.5	.4	.6	.4	.6	.3	.4	.3	.5
Unspecified (569.9) .....	.2	.1	.2	.1	.2	*	.2	*	.2
Other diseases of digestive system (570-579)	18.1	21.9	14.5	21.7	14.5	23.4	14.3	26.4	15.8
Acute and subacute necrosis of liver (570) .....	.1	.2	.1	.1	.1	.2	.2	.2	.2
Chronic liver disease and cirrhosis (571)	10.8	14.3	7.4	14.1	7.3	15.4	7.7	17.3	8.3
Alcoholic fatty liver (571.0) .....	.3	.4	.1	.3	.1	1.0	.4	1.2	.4
Acute alcoholic hepatitis (571.1) .....	.3	.5	.2	.5	.2	.6	.4	.6	.4
Alcoholic cirrhosis of liver (571.2)	3.3	5.0	1.7	4.9	1.6	5.4	2.3	6.1	2.5
Alcoholic liver damage, unspecified (571.3)	1.0	1.6	.5	1.4	.4	2.5	1.0	2.9	1.0
Chronic hepatitis (571.4) .....	.3	.3	.3	.3	.3	.3	.3	.3	.3
Cirrhosis of liver without mention of alcohol (571.5)	5.0	6.1	3.9	6.3	4.1	4.9	2.9	5.4	3.2
Biliary cirrhosis (571.6) .....	.2	.0	.3	.1	.3	*	*	*	*
Other chronic nonalcoholic liver disease (571.8) .....	.3	.3	.2	.3	.1	.6	.3	.7	.3
Unspecified chronic liver disease without mention of alcohol (571.9) .....	.1	.1	.1	.1	.1	*	.1	*	.1
Liver abscess and sequelae of chronic liver disease (572)	1.4	1.7	1.1	1.7	1.1	2.1	1.5	2.4	1.7
Abscess of liver (572.0) .....	.1	.1	.0	.0	.0	*	*	*	*
Portal pyemia (572.1)	*	*	*	*	*	*	*	*	*
Hepatic coma (572.2) .....	.2	.2	.1	.2	.1	.3	.2	.4	.3
Portal hypertension (572.3) .....	.1	.1	.0	.1	.0	*	*	*	*
Hepatorenal syndrome (572.4) .....	.2	.3	.2	.3	.1	.3	.2	.3	.2
Other sequelae of chronic liver disease (572.8) .....	.9	1.1	.8	1.1	.7	1.3	1.0	1.5	1.1
Other disorders of liver (573) .....	.6	.8	.5	.7	.5	1.0	.6	1.1	.7
Chronic passive congestion of liver (573.0)	*	*	*	*	*	*	*	*	*
Hepatitis unspecified (573.3) .....	.2	.2	.2	.2	.2	.2	.3	.3	.3
Hepatic infarction (573.4)0	*	*	*	*	*	*	*	*
Other (573.8)1	.1	.0	.1	.0	.1	*	*	*
Unspecified (573.9)3	.5	.2	.4	.2	.6	.3	.7	.4

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Other diseases of digestive system-Con.									
Cholelithiasis (574)	1,329	559	770	514	698	45	72	30	57
Calculus of gallbladder with acute cholecystitis (574.0)	146	60	86	57	77	3	9	3	7
Calculus of gallbladder with other cholecystitis (574.1)	257	101	156	89	135	12	21	9	18
Calculus of gallbladder without mention of cholecystitis (574.2)	629	265	364	247	334	18	30	11	26
Calculus of bile duct with acute cholecystitis (574.3)	21	12	9	11	9	1	-	-	-
Calculus of bile duct with other cholecystitis (574.4)	39	14	25	12	25	2	-	1	-
Calculus of bile duct without mention of cholecystitis (574.5)	237	107	130	98	118	9	12	6	6
Other disorders of gallbladder (575)	1,719	777	942	696	830	81	112	72	96
Acute cholecystitis (575.0)	703	323	380	291	338	32	42	30	34
Other cholecystitis (575.1)	589	252	337	221	291	31	46	26	40
Obstruction of gallbladder (575.2)	8	5	3	5	3	-	-	-	-
Hydrops of gallbladder (575.3)	7	3	4	3	4	-	-	-	-
Perforation of gallbladder (575.4)	70	41	29	40	27	1	2	-	2
Fistula of gallbladder (575.5)	13	2	11	2	11	-	-	-	-
Cholesterosis of gallbladder (575.6)	-	-	-	-	-	-	-	-	-
Other (575.8)	30	16	14	12	13	4	1	4	1
Unspecified (575.9)	299	135	164	122	143	13	21	12	19
Other disorders of biliary tract (576)	932	414	518	366	460	48	58	36	49
Cholangitis (576.1)	442	199	243	179	210	20	33	14	26
Obstruction of bile duct (576.2)	246	111	135	91	128	20	7	16	6
Perforation of bile duct (576.3)	4	3	1	2	1	1	-	1	-
Fistula of bile duct (576.4)	11	4	7	4	7	-	-	-	-
Spasm of sphincter of Oddi (576.5)	2	1	1	1	1	-	-	-	-
Other (576.8)	184	77	107	71	92	6	15	5	15
Unspecified (576.9)	43	19	24	18	21	1	3	-	2
Diseases of pancreas (577)	2,709	1,498	1,211	1,189	1,008	309	203	289	187
Acute pancreatitis (577.0)	2,251	1,217	1,034	989	868	228	166	210	152
Chronic pancreatitis (577.1)	231	143	88	101	67	42	21	41	19
Cyst and pseudocyst of pancreas (577.2)	81	49	32	36	27	13	5	13	5
Other diseases of pancreas (577.8)	67	43	24	32	20	11	4	11	4
Unspecified (577.9)	79	46	33	31	26	15	7	14	7
Gastrointestinal hemorrhage (578)	5,958	2,710	3,248	2,327	2,825	383	423	340	391
Hematemesis (578.0)	37	16	21	14	17	2	4	2	4
Melena (578.1)	10	5	5	5	5	-	-	-	-
Hemorrhage of gastrointestinal tract, unspecified (578.9)	5,911	2,689	3,222	2,308	2,803	381	419	338	387
Intestinal malabsorption (579)	138	53	85	45	74	8	11	8	11
Celiac disease (579.0)	13	5	8	5	8	-	-	-	-
Tropical sprue (579.1)	18	6	12	5	12	1	-	1	-
Pancreatic steatorrhea (579.4)	-	-	-	-	-	-	-	-	-
Other (579.8)	5	3	2	2	2	1	-	1	-
Unspecified (579.9)	102	39	63	33	52	6	11	6	11
X. Diseases of the genitourinary system (580-629)									
Nephritis, nephrotic syndrome, and nephrosis (580-589)	21,118	10,320	10,798	8,093	8,514	2,227	2,284	2,047	2,119
Acute glomerulonephritis (580)	109	61	48	53	39	8	9	8	8
With lesion of proliferative glomerulonephritis (580.0)	-	-	-	-	-	-	-	-	-
With lesion of rapidly progressive glomerulonephritis (580.4)	-	-	-	-	-	-	-	-	-
With other specified pathological lesion in kidney (580.8)	6	3	3	2	3	1	-	1	-
Unspecified (580.9)	103	58	45	51	36	7	9	7	8
Nephrotic syndrome (581)	201	99	102	73	76	26	26	25	25
With lesion of proliferative glomerulonephritis (581.0)	-	-	-	-	-	-	-	-	-
With lesion of membranous glomerulonephritis (581.1)	2	1	1	1	1	-	-	-	-
With lesion of membranoproliferative glomerulonephritis (581.2)	-	-	-	-	-	-	-	-	-
With lesion of minimal change glomerulonephritis (581.3)	7	4	3	3	1	1	2	1	2
With other specified pathological lesion in kidney (581.8)	-	-	-	-	-	-	-	-	-
Unspecified (581.9)	192	94	98	69	74	25	24	24	23
Chronic glomerulonephritis (582)	998	476	522	377	394	99	128	99	121
With lesion of proliferative glomerulonephritis (582.0)	-	-	-	-	-	-	-	-	-
With lesion of membranous glomerulonephritis (582.1)	4	2	2	1	2	1	-	1	-
With lesion of membranoproliferative glomerulonephritis (582.2)	1	1	-	-	-	1	-	1	-
With lesion of rapidly progressive glomerulonephritis (582.4)	2	1	1	1	1	-	-	-	-
With other specified pathological lesion in kidney (582.8)	38	14	24	13	20	1	4	1	3
Unspecified (582.9)	953	458	495	362	371	96	124	96	118
Nephritis and nephropathy, not specified as acute or chronic (583)	447	223	224	187	185	36	39	32	32
With lesion of proliferative glomerulonephritis (583.0)	6	5	1	5	1	-	-	-	-
With lesion of membranous glomerulonephritis (583.1)	19	11	8	9	5	2	3	2	3
With lesion of membranoproliferative glomerulonephritis (583.2)	6	3	3	2	3	1	-	1	-
With lesion of rapidly progressive glomerulonephritis (583.4)	13	7	6	7	5	-	1	-	1
With lesion of renal cortical necrosis (583.6)	7	4	3	4	-	-	3	-	3
With lesion of renal medullary necrosis (583.7)	2	-	2	-	2	-	-	-	-
With other specified pathological lesion in kidney (583.8)	97	33	64	28	51	5	13	3	11
With unspecified pathological lesion in kidney (583.9)	297	160	137	132	118	28	19	26	14
Acute renal failure (584)	3,324	1,649	1,675	1,341	1,385	308	290	278	273
With lesion of tubular necrosis (584.5)	223	112	111	95	91	17	20	14	19
With lesion of renal cortical necrosis (584.6)	1	-	1	-	-	-	-	-	-
With lesion of renal medullary (papillary) necrosis (584.7)	2	-	2	-	1	-	1	-	1
With other specified pathological lesion in kidney (584.8)	1	-	1	-	1	-	-	-	-
Unspecified (584.9)	3,097	1,537	1,560	1,246	1,292	291	268	264	252
Chronic renal failure (585)	5,087	2,542	2,545	1,835	1,821	707	724	644	662
Renal failure, unspecified (586)	10,837	5,218	5,619	4,186	4,562	1,032	1,057	952	989
Renal sclerosis, unspecified (587)	72	34	38	26	32	8	6	6	5

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Other diseases of digestive system-Con.									
Cholelithiasis (574)	0.5	0.5	0.6	0.5	0.7	0.2	0.4	0.2	0.4
Calculus of gallbladder with acute cholecystitis (574.0) .....	.1	.0	.1	.1	.1	*	*	*	*
Calculus of gallbladder with other cholecystitis (574.1) .....	.1	.1	.1	.1	.1	*	.1	*	*
Calculus of gallbladder without mention of cholecystitis (574.2) .....	.3	.2	.3	.2	.3	*	.1	*	.2
Calculus of bile duct with acute cholecystitis (574.3) .....	.0	*	*	*	*	*	*	*	*
Calculus of bile duct with other cholecystitis (574.4) .....	.0	*	.0	*	.0	*	*	*	*
Calculus of bile duct without mention of cholecystitis (574.5) .....	.1	.1	.1	.1	.1	*	*	*	*
Other disorders of gallbladder (575) .....	.7	.6	.7	.7	.8	.4	.5	.5	.6
Acute cholecystitis (575.0) .....	.3	.3	.3	.3	.3	.2	.2	.2	.2
Other cholecystitis (575.1) .....	.2	.2	.3	.2	.3	.2	.2	.2	.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)	*	*	*	*	*	*	*	*	*
Cholesterotosis of gallbladder (575.6)	*	*	*	*	*	*	*	*	*
Other (575.8) .....	.0	*	*	*	*	*	*	*	*
Unspecified (575.9) .....	.1	.1	.1	.1	.1	*	.1	*	*
Other disorders of biliary tract (576) .....	.4	.3	.4	.4	.4	.3	.3	.2	.3
Cholangitis (576.1) .....	.2	.2	.2	.2	.2	.1	.2	*	.2
Obstruction of bile duct (576.2) .....	.1	.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	*	.0	*	*	*	*
Diseases of pancreas (577)	1.1	1.2	1.0	1.2	.9	1.6	1.0	2.0	1.2
Acute pancreatitis (577.0) .....	.9	1.0	.8	1.0	.8	1.2	.8	1.4	.9
Chronic pancreatitis (577.1) .....	.1	.1	.1	.1	.1	.2	.1	.3	*
Cyst and pseudocyst of pancreas (577.2) .....	.0	.0	.0	.0	.0	*	*	*	*
Other diseases of pancreas (577.8) .....	.0	.0	.0	.0	.0	*	*	*	*
Unspecified (577.9) .....	.0	.0	.0	.0	.0	*	*	*	*
Gastrointestinal hemorrhage (578)	2.4	2.2	2.6	2.3	2.6	2.0	2.1	2.3	2.4
Hematemesis (578.0) .....	.0	*	.0	*	*	*	*	*	*
Melena (578.1)	*	*	*	*	*	*	*	*	*
Hemorrhage of gastrointestinal tract, unspecified (578.9)	2.4	2.2	2.5	2.3	2.6	2.0	2.0	2.3	2.4
Intestinal malabsorption (579) .....	.1	.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)	8.5	8.5	8.5	7.9	8.0	11.9	11.1	14.1	13.1
Acute glomerulonephritis (580) .....	.0	.1	.0	.1	.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	.1	.1	.2	.2
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	.1	.1	.2	.1
Chronic glomerulonephritis (582) .....	.4	.4	.4	.4	.4	.5	.6	.7	.8
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	*	.0	*	*	*	*
Unspecified (582.9) .....	.4	.4	.4	.4	.3	.5	.6	.7	.7
Nephritis and nephropathy, not specified as acute or chronic (583) .....	.2	.2	.2	.2	.2	.2	.2	.2	.2
With lesion of proliferative glomerulonephritis (583.0)	*	*	*	*	*	*	*	*	*
With lesion of membranous glomerulonephritis (583.1)	*	*	*	*	*	*	*	*	*
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	.1	.0	.0	*	*	*	*
With unspecified pathological lesion in kidney (583.9) .....	.1	.1	.1	.1	.1	.1	*	.2	*
Acute renal failure (584)	1.3	1.4	1.3	1.3	1.3	1.6	1.4	1.9	1.7
With lesion of tubular necrosis (584.5) .....	.1	.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	1.3	1.2	1.2	1.2	1.6	1.3	1.8	1.6
Chronic renal failure (585)	2.0	2.1	2.0	1.8	1.7	3.8	3.5	4.4	4.1
Renal failure, unspecified (586)	4.4	4.3	4.4	4.1	4.3	5.5	5.2	6.5	6.1
Renal sclerosis, unspecified (587)0	.0	.0	.0	.0	*	*	*	*

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Nephritis, nephrotic syndrome, and nephrosis-Con.									
Disorders resulting from impaired renal function (588)	41	16	25	13	20	3	5	3	4
Renal osteodystrophy (588.0)	12	5	7	3	5	2	2	2	2
Nephrogenic diabetes insipidus (588.1)	4	3	1	3	1	-	-	-	-
Other (588.8)	25	8	17	7	14	1	3	1	2
Unspecified (588.9)	-	-	-	-	-	-	-	-	-
Small kidney of unknown cause (589)	2	2	-	2	-	-	-	-	-
Unilateral (589.0)	-	-	-	-	-	-	-	-	-
Bilateral (589.1)	1	1	-	1	-	-	-	-	-
Unspecified (589.9)	1	1	-	1	-	-	-	-	-
Other diseases of urinary system (590-599)	17,182	6,565	10,617	5,253	8,886	1,312	1,731	1,207	1,635
Infections of kidney (590)	1,414	435	979	358	845	77	134	68	126
Chronic pyelonephritis and chronic pyonephrosis (590.0)	278	88	190	76	169	12	21	10	21
Acute pyelonephritis and acute pyonephrosis (590.1)	261	74	187	54	150	20	37	19	37
Renal and perinephric abscess (590.2)	79	27	52	23	40	4	12	3	10
Pyeloureteritis cystica (590.3)	-	-	-	-	-	-	-	-	-
Pyelonephritis or pyonephrosis, not specified as acute or chronic (590.8)	750	237	513	198	454	39	59	35	53
Infection of kidney, unspecified (590.9)	46	9	37	7	32	2	5	1	5
Hydronephrosis (591)	83	34	49	31	45	3	4	3	4
Calculus of kidney and ureter (592)	298	113	185	96	167	17	18	16	17
Calculus of kidney (592.0)	241	86	155	74	139	12	16	12	15
Calculus of ureter (592.1)	24	13	11	11	9	2	2	2	2
Urinary calculus, unspecified (592.9)	33	14	19	11	19	3	-	2	-
Other disorders of kidney and ureter (593)	3,246	1,646	1,600	1,123	1,059	523	541	484	518
Nephroptosis (593.0)	-	-	-	-	-	-	-	-	-
Hypertrophy of kidney (593.1)	1	-	1	-	-	-	1	-	1
Cyst of kidney, acquired (593.2)	3	-	3	-	3	-	-	-	-
Stricture or kinking of ureter (593.3)	5	3	2	3	2	-	-	-	-
Other ureteric obstruction (593.4)	88	42	46	39	46	3	-	2	-
Hydroureter (593.5)	1	1	-	1	-	-	-	-	-
Postural proteinuria (593.6)	1	1	-	1	-	-	-	-	-
Vesicoureteric reflux (593.7)	5	1	4	-	4	1	-	1	-
Other (593.8)	186	94	92	84	75	10	17	10	14
Unspecified (593.9)	2,956	1,504	1,452	995	929	509	523	471	503
Calculus of lower urinary tract (594)	17	10	7	10	6	-	1	-	1
Calculus in diverticulum of bladder (594.0)	1	-	1	-	-	-	1	-	1
Other calculus in bladder (594.1)	8	5	3	5	3	-	-	-	-
Calculus in urethra (594.2)	6	3	3	3	3	-	-	-	-
Other lower urinary tract calculus (594.8)	-	-	-	-	-	-	-	-	-
Unspecified (594.9)	2	2	-	2	-	-	-	-	-
Cystitis (595)	161	59	102	56	85	3	17	3	16
Acute cystitis (595.0)	21	8	13	8	11	-	2	-	2
Chronic interstitial cystitis (595.1)	-	-	-	-	-	-	-	-	-
Other chronic cystitis (595.2)	23	9	14	9	11	-	3	-	2
Trigonitis (595.3)	-	-	-	-	-	-	-	-	-
Other (595.8)	12	4	8	3	8	1	-	1	-
Unspecified (595.9)	105	38	67	36	55	2	12	2	12
Other disorders of bladder (596)	186	105	81	91	64	14	17	14	15
Bladder-neck obstruction (596.0)	59	57	2	49	2	8	-	8	-
Intestino-vesical fistula (596.1)	65	17	48	16	37	1	11	1	10
Vesical fistula, not elsewhere classified (596.2)	4	1	3	1	2	-	1	-	1
Diverticulum of bladder (596.3)	2	2	-	1	-	1	-	1	-
Atony of bladder (596.4)	12	7	5	7	4	-	1	-	1
Other functional disorders of bladder (596.5)	8	2	6	1	6	1	-	1	-
Rupture of bladder, nontraumatic (596.6)	14	8	6	6	4	2	2	2	1
Hemorrhage into bladder wall (596.7)	1	-	1	-	-	-	1	-	1
Other (596.8)	11	5	6	5	6	-	-	-	-
Unspecified (596.9)	10	6	4	5	3	1	1	1	1
Urethritis, not sexually transmitted, and urethral syndrome (597)	7	4	3	3	2	1	1	1	1
Urethral abscess (597.0)	6	3	3	3	2	-	1	-	1
Other urethritis (597.8)	1	1	-	-	-	1	-	1	-
Urethral stricture (598)	36	28	8	21	6	7	2	7	2
Infective (598.0)	-	-	-	-	-	-	-	-	-
Traumatic (598.1)	-	-	-	-	-	-	-	-	-
Postoperative (598.2)	-	-	-	-	-	-	-	-	-
Other (598.8)	-	-	-	-	-	-	-	-	-
Unspecified (598.9)	36	28	8	21	6	7	2	7	2
Other disorders of urethra and urinary tract (599)	11,734	4,131	7,603	3,464	6,607	667	998	611	935
Urinary tract infection, site not specified (599.0)	11,412	3,901	7,511	3,272	6,525	629	988	579	926
Urethral fistula (599.1)	4	3	1	1	1	2	-	2	-
Urethral diverticulum (599.2)	1	-	1	-	1	-	-	-	-
Urethral caruncle (599.3)	-	-	-	-	-	-	-	-	-
Urethral false passage (599.4)	1	1	-	1	-	-	-	-	-
Prolapsed urethral mucosa (599.5)	-	-	-	-	-	-	-	-	-
Urinary obstruction, unspecified (599.6)	240	187	53	160	47	27	6	21	6
Hamaturia (599.7)	41	21	20	15	19	6	1	6	1
Other (599.8)	3	2	1	1	-	1	1	1	1
Unspecified (599.9)	32	16	16	14	14	2	2	2	1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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 J]

Cause of death	Number								
	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Diseases of male genital organs (600-608)	690	690	...	573	...	117	...	111	...
Hyperplasia of prostate (600)	449	449	...	375	...	74	...	70	...
Inflammatory diseases of prostate (601)	34	34	...	25	...	9	...	9	...
Acute prostatitis (601.0)	5	5	...	2	...	3	...	3	...
Chronic prostatitis (601.1)	4	4	...	4	...	-	...	-	...
Abscess of prostate (601.2)	5	5	...	3	...	2	...	2	...
Prostocystitis (601.3)	-	-	...	-	...	-	...	-	...
Other (601.8)	-	-	...	-	...	-	...	-	...
Unspecified (601.9)	20	20	...	16	...	4	...	4	...
Other disorders of prostate (602)	114	114	...	104	...	10	...	9	...
Calculus of prostate (602.0)	-	-	...	-	...	-	...	-	...
Congestion or hemorrhage of prostate (602.1)	1	1	...	1	...	-	...	-	...
Atrophy of prostate (602.2)	-	-	...	-	...	-	...	-	...
Other (602.8)	3	3	...	3	...	-	...	-	...
Unspecified (602.9)	110	110	...	100	...	10	...	9	...
Hydrocele (603)	-	-	...	-	...	-	...	-	...
Encysted hydrocele (603.0)	-	-	...	-	...	-	...	-	...
Infected hydrocele (603.1)	-	-	...	-	...	-	...	-	...
Other (603.8)	-	-	...	-	...	-	...	-	...
Unspecified (603.9)	-	-	...	-	...	-	...	-	...
Orchitis and epididymitis (604)	16	16	...	13	...	3	...	3	...
Orchitis, epididymitis, and epididymo-orchitis, with abscess (604.0)	5	5	...	3	...	2	...	2	...
Orchitis, epididymitis, and epididymo-orchitis, without mention of abscess (604.9)	11	11	...	10	...	1	...	1	...
Redundant prepuce and phimosis (605)	-	-	...	-	...	-	...	-	...
Infertility, male (606)	-	-	...	-	...	-	...	-	...
Disorders of penis (607)	15	15	...	9	...	6	...	5	...
Leukoplakia of penis (607.0)	-	-	...	-	...	-	...	-	...
Balanoposthitis (607.1)	-	-	...	-	...	-	...	-	...
Other inflammatory disorders of penis (607.2)	15	15	...	9	...	6	...	5	...
Priapism (607.3)	-	-	...	-	...	-	...	-	...
Other (607.8)	-	-	...	-	...	-	...	-	...
Unspecified (607.9)	-	-	...	-	...	-	...	-	...
Other disorders of male genital organs (608)	62	62	...	47	...	15	...	15	...
Seminal vesiculitis (608.0)	-	-	...	-	...	-	...	-	...
Spermatocele (608.1)	-	-	...	-	...	-	...	-	...
Torsion of testis (608.2)	1	1	...	1	...	-	...	-	...
Atrophy of testis (608.3)	-	-	...	-	...	-	...	-	...
Other inflammatory disorders of male genital organs (608.4)	35	35	...	24	...	11	...	11	...
Other (608.8)	22	22	...	18	...	4	...	4	...
Unspecified (608.9)	4	4	...	4	...	-	...	-	...
Disorders of breast (610-611)	36	-	36	-	27	-	9	-	9
Benign mammary dysplasias (610)	2	-	2	-	1	-	1	-	1
Solitary cyst of breast (610.0)	-	-	-	-	-	-	-	-	-
Diffuse cystic mastopathy (610.1)	2	-	2	-	1	-	1	-	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)	34	-	34	-	26	-	8	-	8
Inflammatory disease of breast (611.0)	4	-	4	-	1	-	3	-	3
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)	30	-	30	-	25	-	5	-	5
Inflammatory disease of female pelvic organs (614-616)	118	...	118	...	88	...	30	...	29
Inflammatory disease of ovary, fallopian tube, pelvic cellular tissue, and peritoneum (614)	93	...	93	...	70	...	23	...	22
Acute salpingitis and oophoritis (614.0)	-	...	-	...	-	...	-	...	-
Chronic salpingitis and oophoritis (614.1)	1	...	1	...	-	...	1	...	1
Salpingitis and oophoritis, not specified as acute, subacute, or chronic (614.2)	16	...	16	...	8	...	8	...	8
Acute parametritis and pelvic cellulitis (614.3)	-	...	-	...	-	...	-	...	-
Chronic or unspecified parametritis and pelvic cellulitis (614.4)	54	...	54	...	46	...	8	...	7
Acute or unspecified pelvic peritonitis, female (614.5)	2	...	2	...	2	...	-	...	-
Pelvic peritoneal adhesions, female (614.6)	3	...	3	...	2	...	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)	17	...	17	...	12	...	5	...	5
Inflammatory diseases of uterus, except cervix (615)	14	...	14	...	10	...	4	...	4
Acute (615.0)	-	...	-	...	-	...	-	...	-
Chronic (615.1)	1	...	1	...	1	...	-	...	-
Unspecified (615.9)	13	...	13	...	9	...	4	...	4
Inflammatory disease of cervix, vagina, and vulva (616)	11	...	11	...	8	...	3	...	3
Cervicitis and endocervicitis (616.0)	-	...	-	...	-	...	-	...	-
Vaginitis and vulvovaginitis (616.1)	9	...	9	...	6	...	3	...	3
Cyst of Bartholin's gland (616.2)	-	...	-	...	-	...	-	...	-
Abscess of Bartholin's gland (616.3)	-	...	-	...	-	...	-	...	-
Other abscess of vulva (616.4)	1	...	1	...	1	...	-	...	-
Ulceration of vulva (616.5)	1	...	1	...	1	...	-	...	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Diseases of male genital organs (600-608)	0.3	0.6	...	0.6	...	0.6	...	0.8	...
Hyperplasia of prostate (600)	.2	.4	...	.4	...	.4	...	.5	...
Inflammatory diseases of prostate (601)	.0	.0	...	.0	...	*	...	*	...
Acute prostatitis (601.0)	..	..	...	..	...	..	...	..	...
Chronic prostatitis (601.1)	..	..	...	..	...	..	...	..	...
Abscess of prostate (601.2)	..	..	...	..	...	..	...	..	...
Prostacystitis (601.3)	..	..	...	..	...	..	...	..	...
Other (601.8)	..	..	...	..	...	..	...	..	...
Unspecified (601.9)	.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)	*	*	...	*	...	*	...	*	...
Inferility, 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	*	.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	..	.0	..	.0	..	..	..	..
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)

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	148	...	148	...	118	...	30	...	28
Endometriosis (617)	4	...	4	...	4	...	-	...	-
Uterus (617.0)	1	...	1	...	1	...	-	...	-
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)	3	...	3	...	3	...	-	...	-
Genital prolapse (618)	20	...	20	...	13	...	7	...	6
Prolapse of vaginal walls without mention of uterine prolapse (618.0)	5	...	5	...	5	...	-	...	-
Uterine prolapse without mention of vaginal wall prolapse (618.1)	12	...	12	...	6	...	6	...	5
Uterovaginal prolapse, incomplete (618.2)	-	...	-	...	-	...	-	...	-
Uterovaginal prolapse, complete (618.3)	-	...	-	...	-	...	-	...	-
Uterovaginal prolapse, unspecified (618.4)	1	...	1	...	1	...	-	...	-
Prolapse of vaginal vault after hysterectomy (618.5)	-	...	-	...	-	...	-	...	-
Vaginal enterocoele, congenital or acquired (618.6)	1	...	1	...	-	...	1	...	1
Old laceration of muscles of pelvic floor (618.7)	-	...	-	...	-	...	-	...	-
Other (618.8)	1	...	1	...	1	...	-	...	-
Unspecified (618.9)	-	...	-	...	-	...	-	...	-
Fistulae involving female genital tract (619)	50	...	50	...	47	...	3	...	3
Urinary - genital tract fistulae, female (619.0)	5	...	5	...	5	...	-	...	-
Digestive - genital tract fistulae, female (619.1)	43	...	43	...	40	...	3	...	3
Genital tract - skin fistulae, female (619.2)	-	...	-	...	-	...	-	...	-
Other (619.8)	1	...	1	...	1	...	-	...	-
Unspecified fistula involving female genital tract (619.9)	1	...	1	...	1	...	-	...	-
Noninflammatory disorders of ovary, fallopian tube, and broad ligament (620)	32	...	32	...	27	...	5	...	5
Follicular cyst of ovary (620.0)	-	...	-	...	-	...	-	...	-
Corpus luteum cyst or hematoma (620.1)	1	...	1	...	1	...	-	...	-
Other and unspecified ovarian cyst (620.2)	18	...	18	...	15	...	3	...	3
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)	1	...	1	...	-	...	1	...	1
Broad ligament laceration syndrome (620.6)	-	...	-	...	-	...	-	...	-
Hematoma of broad ligament (620.7)	-	...	-	...	-	...	-	...	-
Other (620.8)	4	...	4	...	3	...	1	...	1
Unspecified (620.9)	8	...	8	...	8	...	-	...	-
Disorders of uterus, not elsewhere classified (621)	14	...	14	...	7	...	7	...	7
Polyp of corpus uteri (621.0)	1	...	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)	6	...	6	...	2	...	4	...	4
Unspecified disorders of uterus (621.9)	6	...	6	...	4	...	2	...	2
Noninflammatory disorders of cervix (622)	4	...	4	...	3	...	1	...	1
Erosion and ectropion of cervix (622.0)	-	...	-	...	-	...	-	...	-
Dysplasia of cervix (uteri) (622.1)	1	...	1	...	1	...	-	...	-
Leukoplakia of cervix (uteri) (622.2)	-	...	-	...	-	...	-	...	-
Old laceration of cervix (622.3)	-	...	-	...	-	...	-	...	-
Stricture and stenosis of cervix (622.4)	1	...	1	...	-	...	1	...	1
Incompetence of cervix (622.5)	1	...	1	...	1	...	-	...	-
Hypertrophic elongation of cervix (622.6)	-	...	-	...	-	...	-	...	-
Mucous polyp of cervix (622.7)	-	...	-	...	-	...	-	...	-
Other (622.8)	-	...	-	...	-	...	-	...	-
Unspecified (622.9)	1	...	1	...	1	...	-	...	-
Noninflammatory disorders of vagina (623)	8	...	8	...	7	...	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)	1	...	1	...	1	...	-	...	-
Leukorrhoea, not specified as infective (623.5)	-	...	-	...	-	...	-	...	-
Vaginal hematoma (623.6)	-	...	-	...	-	...	-	...	-
Polyp of vagina (623.7)	-	...	-	...	-	...	-	...	-
Other (623.8)	7	...	7	...	6	...	1	...	1
Unspecified (623.9)	-	...	-	...	-	...	-	...	-
Noninflammatory disorders of vulva and perineum (624)	1	...	1	...	1	...	-	...	-
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)	1	...	1	...	1	...	-	...	-
Unspecified (624.9)	-	...	-	...	-	...	-	...	-
Pain and other symptoms associated with female genital organs (625)	-	...	-	...	-	...	-	...	-
Dyspareunia (625.0)	-	...	-	...	-	...	-	...	-
Vaginismus (625.1)	-	...	-	...	-	...	-	...	-
Mittelschmerz (625.2)	-	...	-	...	-	...	-	...	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	..	0.2
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) .....	.0	..	.0	..	.	..	.	..	.
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)

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	5	...	5	...	2	...	3	...	3
Scanty or infrequent menstruation (626.1)	-	...	-	...	-	...	-	...	-
Excessive or frequent menstruation (626.2)	2	...	2	...	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)	3	...	3	...	1	...	2	...	2
Menopausal and postmenopausal disorders (627)									
Premenopausal menorrhagia (627.0)	1	...	1	...	1	...	-	...	-
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)									
Hematocele, female (629.0)	9	...	9	...	6	...	3	...	2
Hydrocele, canal of Nuck (629.1)	-	...	-	...	-	...	-	...	-
Other (629.8)	2	...	2	...	1	...	1	...	1
Unspecified (629.9)	7	...	7	...	5	...	2	...	1
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)									
Pregnancy with abortive outcome (630-638)									
Pregnancy with abortive outcome (630-638)	50	...	50	...	21	...	29	...	26
Hydatidiform mole (630)									
Hydatidiform mole (630)	3	...	3	...	2	...	1	...	1
Other abnormal product of conception (631)									
Other abnormal product of conception (631)	-	...	-	...	-	...	-	...	-
Missed abortion (632)									
Missed abortion (632)	1	...	1	...	-	...	1	...	1
Ectopic pregnancy (633)									
Ectopic pregnancy (633)	34	...	34	...	14	...	20	...	19
Abdominal pregnancy (633.0)	1	...	1	...	-	...	1	...	1
Tubal pregnancy (633.1)	8	...	8	...	3	...	5	...	4
Ovarian pregnancy (633.2)	-	...	-	...	-	...	-	...	-
Other ectopic pregnancy (633.8)	1	...	1	...	-	...	1	...	1
Unspecified (633.9)	24	...	24	...	11	...	13	...	13
Spontaneous abortion (634)									
Spontaneous abortion (634)	3	...	3	...	1	...	2	...	-
Complicated by genital tract and pelvic infection (634.0)	1	...	1	...	-	...	1	...	-
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)	1	...	1	...	1	...	-	...	-
Legally induced abortion (635)									
Legally induced abortion (635)	3	...	3	...	1	...	2	...	2
Complicated by genital tract and pelvic infection (635.0)	3	...	3	...	1	...	2	...	2
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)									
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)	-	...	-	...	-	...	-	...	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	2	...	2	...	2	...	...	...	...
Complicated by delayed or excessive hemorrhage (637.1)	1	...	1	...	1	...	1	...	1
Complicated by damage to pelvic organs and tissues (637.2)	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)	—	...	—	...	—	...	—	...	—
With unspecified complications (637.8)	1	...	1	...	—	...	1	...	1
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)	131	...	131	...	71	...	60	...	54
Hemorrhage in early pregnancy (640)	1	...	1	...	—	...	1	...	1
Antepartum hemorrhage, abruptio placentae, and placenta praevia (641)	31	...	31	...	21	...	10	...	8
Hypertension complicating pregnancy, childbirth, and the puerperium (642)	58	...	58	...	29	...	29	...	27
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)	27	...	27	...	17	...	10	...	10
Severe pre-eclampsia (642.5)	6	...	6	...	4	...	2	...	1
Eclampsia (642.6)	17	...	17	...	5	...	12	...	11
Pre-eclampsia or eclampsia superimposed on pre-existing hypertension (642.7)	—	...	—	...	—	...	—	...	—
Unspecified hypertension complicating pregnancy, childbirth, and the puerperium (642.9)	8	...	8	...	3	...	5	...	5
Excessive vomiting in pregnancy (643)	—	...	—	...	—	...	—	...	—
Early or threatened labor (644)	—	...	—	...	—	...	—	...	—
Prolonged pregnancy (645)	—	...	—	...	—	...	—	...	—
Other complications of pregnancy, not elsewhere classified (646)	12	...	12	...	6	...	6	...	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)	2	...	2	...	1	...	1	...	1
Liver disorders in pregnancy (646.7)	6	...	6	...	3	...	3	...	2
Other specified complications of pregnancy (646.8)	2	...	2	...	1	...	1	...	1
Unspecified complication of pregnancy (646.9)	2	...	2	...	1	...	1	...	1
Infective and parasitic conditions in the mother classifiable elsewhere but complicating pregnancy, childbirth, and the puerperium (647)	7	...	7	...	3	...	4	...	4
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)	7	...	7	...	3	...	4	...	4
Unspecified infection or infestation (647.9)	—	...	—	...	—	...	—	...	—
Other current conditions in the mother classifiable elsewhere but complicating pregnancy, childbirth, and the puerperium (648)	22	...	22	...	12	...	10	...	9
Diabetes mellitus (648.0)	1	...	1	...	—	...	1	...	1
Thyroid dysfunction (648.1)	1	...	1	...	—	...	1	...	1
Anemia (648.2)	—	...	—	...	—	...	—	...	—
Drug dependence (648.3)	—	...	—	...	—	...	—	...	—
Mental disorders (648.4)	1	...	1	...	—	...	1	...	1
Congenital cardiovascular disorders (648.5)	—	...	—	...	—	...	—	...	—
Other cardiovascular diseases (648.6)	16	...	16	...	9	...	7	...	6
Bone and joint disorders of back, pelvis, and lower limbs (648.7)	—	...	—	...	—	...	—	...	—
Abnormal glucose tolerance (648.8)	—	...	—	...	—	...	—	...	—
Other (648.9)	3	...	3	...	3	...	—	...	—
Normal delivery, and other indications for care in pregnancy, labor, and delivery (650-659)	2	...	2	...	—	...	2	...	2
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)	—	...	—	...	—	...	—	...	—

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	...	0.3	...	0.3
Hemorrhage in early pregnancy (640)	*	...	*	...	*	...	*	...	*
Antepartum hemorrhage, abruptio placentae, and placenta praevia (641) .....	.0	...	.0	...	.0	...	*	...	*
Hypertension complicating pregnancy, childbirth, and the puerperium (642) .....	.0	...	.0	...	.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	...	.0	...	*	...	*
Severe pre-eclampsia (642.5)	*	...	*	...	*	...	*	...	*
Eclampsia (642.6)	*	...	*	...	*	...	*	...	*
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)	*	...	*	...	*	...	*	...	*
Papillary edema (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) .....	.0	...	.0	...	.0	...	*	...	*
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)	*	...	*	...	*	...	*	...	*

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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 J]

Cause of death	Number								
	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	...	-	...	2	...	2
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)	48	...	48	...	28	...	20	...	16
Obstructed labor (660)	-	...	-	...	-	...	-	...	-
Abnormality of forces of labor (661)	2	...	2	...	-	...	2	...	-
Long labor (662)	-	...	-	...	-	...	-	...	-
Umbilical cord complications (663)	-	...	-	...	-	...	-	...	-
Trauma to perineum and vulva during delivery (664)	1	...	1	...	1	...	-	...	-
Other obstetrical trauma (665)	8	...	8	...	4	...	4	...	4
Postpartum hemorrhage (666)	11	...	11	...	9	...	2	...	1
Retained placenta or membranes without hemorrhage (667)	-	...	-	...	-	...	-	...	-
Complications of the administration of anesthetic or other sedation in labor and delivery (668)	2	...	2	...	-	...	2	...	2
Other complications of labor and delivery, not elsewhere classified (669)	24	...	24	...	14	...	10	...	9
Complications of the puerperium (670-676)	89	...	89	...	60	...	29	...	26
Major puerperal infection (670)	9	...	9	...	5	...	4	...	4
Venous complications in pregnancy and the puerperium (671)	13	...	13	...	9	...	4	...	4
Pyrexia of unknown origin during the puerperium (672)	-	...	-	...	-	...	-	...	-
Obstetrical pulmonary embolism (673)	37	...	37	...	28	...	9	...	7
Other and unspecified complications of the puerperium, not elsewhere classified (674)	30	...	30	...	18	...	12	...	11
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)	812	338	474	274	397	64	77	55	73
Carbuncle and furuncle (690)	2	1	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)	2	1	1	1	-	-	1	-	-
Cellulitis and abscess of finger and toe (681)	1	1	-	1	-	-	-	-	-
Finger (681.0)	-	-	-	-	-	-	-	-	-
Toe (681.1)	1	1	-	1	-	-	-	-	-
Unspecified digit (681.9)	-	-	-	-	-	-	-	-	-
Other cellulitis and abscess (682)	660	271	389	221	333	50	56	44	54
Face (682.0)	11	5	6	4	5	1	1	1	1
Neck (682.1)	11	6	5	3	5	3	-	3	-
Trunk (682.2)	77	31	46	21	40	10	6	9	5
Upper arm and forearm (682.3)	40	23	17	20	15	3	2	3	1
Hand, except fingers (682.4)	8	3	5	2	4	1	1	1	1
Buttock (682.5)	13	5	8	4	6	1	2	1	2
Leg, except foot (682.6)	201	86	115	73	104	13	11	12	11
Foot, except toes (682.7)	42	13	29	11	23	2	6	2	6
Other specified site (682.8)	11	5	6	4	5	1	1	-	1
Unspecified site (682.9)	246	94	152	79	126	15	26	12	26
Acute lymphadenitis (683)	2	1	1	-	-	1	1	1	1
Impetigo (684)	2	1	1	1	1	-	-	-	-
Pilonidal cyst (685)	1	1	-	1	-	-	-	-	-
With abscess (685.0)	1	1	-	1	-	-	-	-	-
Without mention of abscess (685.1)	-	-	-	-	-	-	-	-	-
Other local infections of skin and subcutaneous tissue (686)	144	62	82	49	63	13	19	10	18
Pyoderma (686.0)	7	1	6	1	4	-	2	-	2
Pyogenic granuloma (686.1)	11	9	2	7	2	2	-	2	-
Other local infections of skin and subcutaneous tissue (686.8)	-	-	-	-	-	-	-	-	-
Unspecified local infections of skin and subcutaneous tissue (686.9)	126	52	74	41	57	11	17	8	16

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	...	*
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	...	.1	...	.1	...	0.2
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	...	.0	...	*	...	*
Other and unspecified complications of the puerperium, not elsewhere classified (674)	.0	...	.0	...	*	...	*	...	*
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	0.3	.4	0.3	.4	0.4	.5
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	.0	.0	*	*	*	*
Upper arm and forearm (682.3)	.0	.0	.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	*	.2
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	.1	.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)	.1	.0	.1	.0	.1	*	*	*	*

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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 J]

Cause of death	Number								
	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	19	7	12	7	11	-	1	-	1
Articular cartilage disorder (718.0)	-	-	-	-	-	-	-	-	-
Loose body in joint (718.1)	-	-	-	-	-	-	-	-	-
Pathological dislocation (718.2)	-	-	-	-	-	-	-	-	-
Recurrent dislocation of joint (718.3)	1	-	1	-	1	-	-	-	-
Contracture of joint (718.4)	11	5	6	5	6	-	-	-	-
Ankylosis of joint (718.5)	1	1	-	1	-	-	-	-	-
Unspecified protrusion acetabuli (718.6)	-	-	-	-	-	-	-	-	-
Other joint derangement, not elsewhere classified (718.8)	1	-	1	-	1	-	-	-	-
Unspecified (718.9)	5	1	4	1	3	-	1	-	1
Other and unspecified disorder of joint (719)	14	7	7	7	7	-	-	-	-
Effusion of joint (719.0)	-	-	-	-	-	-	-	-	-
Hemarthrosis (719.1)	-	-	-	-	-	-	-	-	-
Villonodular synovitis (719.2)	-	-	-	-	-	-	-	-	-
Palindromic rheumatism (719.3)	-	-	-	-	-	-	-	-	-
Pain in joint (719.4)	2	1	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)	12	6	6	6	6	-	-	-	-
Dorsopathies (720-724)	224	136	88	111	75	25	13	21	13
Ankylosing spondylitis and other inflammatory spondylopathies (720)	47	37	10	35	7	2	3	1	3
Ankylosing spondylitis (720.0)	42	35	7	34	6	1	1	1	1
Spinal enthesopathy (720.1)	-	-	-	-	-	-	-	-	-
Sacroiliitis, not elsewhere classified (720.2)	-	-	-	-	-	-	-	-	-
Other inflammatory spondylopathies (720.8)	-	-	-	-	-	-	-	-	-
Unspecified inflammatory spondylopathy (720.9)	5	2	3	1	1	1	2	-	2
Spondylitis and allied disorders (721)	81	44	37	33	32	11	5	8	5
Cervical spondylitis without myelopathy (721.0)	20	8	12	5	10	3	2	3	2
Cervical spondylitis with myelopathy (721.1)	42	28	14	22	12	6	2	3	2
Thoracic spondylitis without myelopathy (721.2)	1	-	1	-	1	-	-	-	-
Lumbosacral spondylitis without myelopathy (721.3)	3	1	2	1	2	-	-	-	-
Thoracic or lumbar spondylitis with myelopathy (721.4)	1	1	-	1	-	-	-	-	-
Kissing spine (721.5)	-	-	-	-	-	-	-	-	-
Ankylosing vertebral hyperostosis (721.6)	-	-	-	-	-	-	-	-	-
Traumatic spondylopathy (721.7)	-	-	-	-	-	-	-	-	-
Other (721.8)	-	-	-	-	-	-	-	-	-
Spondylitis of unspecified site (721.9)	14	6	8	4	7	2	1	2	1
Intervertebral disc disorders (722)	35	19	16	15	14	4	2	4	2
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)	5	3	2	2	2	1	-	1	-
Displacement of intervertebral disc, site unspecified, without myelopathy (722.2)	9	4	5	2	4	2	1	2	1
Schmorl's nodes (722.3)	-	-	-	-	-	-	-	-	-
Degeneration of cervical intervertebral disc (722.4)	2	2	-	2	-	-	-	-	-
Degeneration of thoracic or lumbar intervertebral disc (722.5)	2	5	3	2	3	-	-	-	-
Degeneration of intervertebral disc, site unspecified (722.6)	3	2	1	2	1	-	-	-	-
Intervertebral disc disorder with myelopathy (722.7)	2	1	1	1	1	-	-	-	-
Postlaminectomy syndrome (722.8)	-	-	-	-	-	-	-	-	-
Other and unspecified disc disorder (722.9)	7	4	3	3	2	1	1	1	1
Other disorders of cervical region (723)	16	10	6	7	5	3	1	3	1
Spinal stenosis in cervical region (723.0)	10	8	2	5	2	3	-	3	-
Cervicalgia (723.1)	-	-	-	-	-	-	-	-	-
Cervicocranial syndrome (723.2)	-	-	-	-	-	-	-	-	-
Cervicobrachial syndrome (diffuse) (723.3)	-	-	-	-	-	-	-	-	-
Brachial neuritis or radiculitis, not otherwise specified (723.4)	2	1	1	1	1	-	-	-	-
Torticollis, unspecified (723.5)	2	-	2	-	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)	1	-	1	-	1	-	-	-	-
Unspecified disorders and symptoms referable to neck (723.9)	1	1	-	1	-	-	-	-	-
Other and unspecified disorders of back (724)	45	26	19	21	17	5	2	5	2
Spinal stenosis, other than cervical (724.0)	28	19	9	15	8	4	1	4	1
Pain in thoracic spine (724.1)	-	-	-	-	-	-	-	-	-
Lumbago (724.2)	-	-	-	-	-	-	-	-	-
Sciatica (724.3)	2	1	1	1	1	-	-	-	-
Thoracic or lumbosacral neuritis or radiculitis, not otherwise specified (724.4)	1	-	1	-	1	-	-	-	-
Backache, unspecified (724.5)	9	3	6	3	5	-	1	-	1
Disorders of sacrum (724.6)	-	-	-	-	-	-	-	-	-
Disorders of coccyx (724.7)	-	-	-	-	-	-	-	-	-
Other symptoms referable to back (724.8)	2	2	-	1	-	1	-	1	-
Unspecified back disorders (724.9)	3	1	2	1	2	-	-	-	-
Rheumatism, excluding the back (725-729)	528	289	239	222	187	67	52	63	49
Polymyalgia rheumatica (725)	32	9	23	9	22	-	1	-	1
Peripheral enthesopathies and allied syndromes (726)	5	5	-	5	-	-	-	-	-
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)	4	4	-	4	-	-	-	-	-
Enthesopathy of wrist and carpus (726.4)	-	-	-	-	-	-	-	-	-
Enthesopathy of hip region (726.5)	1	1	-	1	-	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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 J]

Cause of death	Number								
	All races			White		All other			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Other acquired deformities of limbs-Con.									
Acquired deformities of other parts of limbs (736.8)	4	2	2	2	2	-	-	-	-
Acquired deformity of limb, site unspecified (736.9)	-	-	-	-	-	-	-	-	-
Curvature of spine (737)	329	85	244	74	226	11	18	9	16
Adolescent postural kyphosis (737.0)	1	1	-	-	-	1	-	1	-
Kyphosis, acquired (737.1)	68	13	55	12	53	1	2	1	2
Lordosis, acquired (postural) (737.2)	1	1	-	1	-	-	-	-	-
Kyphoscoliosis and scoliosis (737.3)	258	69	189	60	173	9	16	7	14
Other (737.8)	-	-	-	-	-	-	-	-	-
Unspecified (737.9)	1	1	-	1	-	-	-	-	-
Other acquired deformity (739)	14	3	11	2	10	1	1	1	1
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)	14	3	11	2	10	1	1	1	1
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)	12,897	6,812	6,085	5,444	4,847	1,368	1,238	1,143	1,036
Anencephalus and similar anomalies (740)	467	188	279	158	235	30	44	22	35
Anencephalus (740.0)	466	188	278	158	234	30	44	22	35
Craniorachischisis (740.1)	1	-	1	-	1	-	-	-	-
Iniencephaly (740.2)	-	-	-	-	-	-	-	-	-
Spina bifida (741)	157	67	90	58	81	9	9	7	6
With hydrocephalus (741.0)	90	35	55	28	47	7	8	5	5
Without mention of hydrocephalus (741.9)	67	32	35	30	34	2	1	2	1
Other congenital anomalies of nervous system (742)	1,099	545	554	436	432	109	122	93	100
Encephalocele (742.0)	70	27	43	22	36	5	7	3	6
Microcephalus (742.1)	116	48	68	37	44	11	24	11	21
Reduction deformities of brain (742.2)	136	46	90	34	67	12	23	9	18
Congenital hydrocephalus (742.3)	317	161	156	116	114	45	42	40	34
Other specified anomalies of brain (742.4)	67	43	24	30	20	13	4	9	4
Other specified anomalies of spinal cord (742.5)	211	122	89	114	83	8	6	7	4
Other specified anomalies of nervous system (742.8)	23	11	12	9	10	2	2	2	2
Unspecified anomalies of brain, spinal cord, and nervous system (742.9)	159	87	72	74	58	13	14	12	11
Congenital anomalies of eye (743)	7	4	3	3	3	1	-	-	-
Anophthalmos (743.0)	1	-	1	-	1	-	-	-	-
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)	2	1	1	-	1	1	-	-	-
Unspecified anomalies of eye (743.9)	4	3	1	3	1	-	-	-	-
Congenital anomalies of ear, face, and neck (744)	11	6	5	3	4	3	1	3	1
Anomalies of ear causing impairment of hearing (744.0)	-	-	-	-	-	-	-	-	-
Accessory auricle (744.1)	-	-	-	-	-	-	-	-	-
Other specified anomalies of ear (744.2)	1	1	-	1	-	-	-	-	-
Unspecified anomalies of ear (744.3)	1	-	1	-	1	-	-	-	-
Branchial cleft, cyst or fistula; preauricular sinus (744.4)	4	3	1	2	1	1	-	1	-
Webbing of neck (744.5)	-	-	-	-	-	-	-	-	-
Other specified anomalies of face and neck (744.8)	1	-	1	-	-	-	1	-	1
Unspecified anomalies of face and neck (744.9)	4	2	2	-	2	2	-	2	-
Bulbus cordis anomalies and anomalies of cardiac septal closure (745)	1,479	729	750	598	619	131	131	101	107
Common truncus (745.0)	109	45	64	39	54	6	10	5	10
Transposition of great vessels (745.1)	248	163	85	137	70	26	15	18	13
Tetralogy of Fallot (745.2)	264	137	127	104	98	33	29	21	25
Common ventricle (745.3)	55	34	21	31	19	3	2	2	1
Ventricular septal defect (745.4)	408	189	219	154	182	35	37	31	31
Ostium secundum type atrial septal defect (745.5)	242	89	153	73	130	16	23	15	15
Endocardial cushion defects (745.6)	138	66	72	56	57	10	15	7	12
Cor biloculare (745.7)	2	1	1	1	1	-	-	-	-
Other (745.8)	-	-	-	-	-	-	-	-	-
Unspecified defect of septal closure (745.9)	13	5	8	3	8	2	-	2	-
Other congenital anomalies of heart (746)	3,114	1,719	1,395	1,383	1,071	336	324	279	277
Anomalies of pulmonary valve (746.0)	25	14	11	11	9	3	2	3	2
Tricuspid atresia and stenosis, congenital (746.1)	79	44	29	37	24	7	5	6	5
Ebstein's anomaly (746.2)	47	17	30	13	23	4	7	4	4
Congenital stenosis of aortic valve (746.3)	94	65	29	58	24	7	5	4	4
Congenital insufficiency of aortic valve (746.4)	42	34	8	31	7	3	1	2	1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	.2	.	.	.	.
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)	5.2	5.6	4.8	5.3	4.5	7.3	6.0	7.9	6.4
Anencephalus and similar anomalies (740)	.2	.2	.2	.2	.2	.2	.2	.2	.2
Anencephalus (740.0)	.2	.2	.2	.2	.2	.2	.2	.2	.2
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)	.4	.5	.4	.4	.4	.6	.6	.6	.6
Encephalocoele (742.0)	.0	.0	.0	.0	.0	.	.	.	.
Microcephalus (742.1)	.0	.0	.1	.0	.0	.	.1	.	.1
Reduction deformities of brain (742.2)	.1	.0	.1	.0	.1	.	.1	.	.
Congenital hydrocephalus (742.3)	.1	.1	.1	.1	.1	.2	.2	.3	.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	.7	.6	.7	.7
Common truncus (745.0)	.0	.0	.1	.0	.1	.	.	.	.
Transposition of great vessels (745.1)	.1	.1	.1	.1	.1	.1	.	.	.
Tetralogy of Fallot (745.2)	.1	.1	.1	.1	.1	.2	.1	.1	.2
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	.	.	.	.
Cor biloculare (745.7)	.	.	.	.	.	.	.	.	.
Other (745.8)	.	.	.	.	.	.	.	.	.
Unspecified defect of septal closure (745.9)	.	.	.	.	.	.	.	.	.
Other congenital anomalies of heart (746)	1.3	1.4	1.1	1.4	1.0	1.8	1.6	1.9	1.7
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	.	.	.	.
Congenital stenosis of aortic valve (746.3)	.0	.1	.0	.1	.0
Congenital insufficiency of aortic valve (746.4)	.0	.0	.	.0

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Newborn affected by other complications of labor and delivery-Con.	-	-	-	-	-	-	-	-	-
Precipitate delivery (763.6)	12	7	5	4	4	3	1	3	1
Abnormal uterine contractions (763.7)	3	1	2	-	-	1	2	1	2
Other complications of labor and delivery (763.8)	29	14	15	11	5	3	10	2	9
Unspecified (763.9)	1	-	1	-	1	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	31	21	10	16	7	5	3	4	3
"Light-for-dates" without mention of fetal malnutrition (764.0)	10	4	6	3	5	1	1	1	1
"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)	21	17	4	13	2	4	2	3	2
Disorders relating to short gestation and unspecified low birthweight (765)	3,940	2,113	1,827	1,095	892	1,018	935	975	895
Extreme immaturity (765.0)	2,836	1,543	1,293	789	615	754	678	720	652
Other preterm infants (765.1)	1,104	570	534	306	277	264	257	255	243
Disorders relating to long gestation and high birthweight (766)	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	-	-	-	-	-
Birth trauma (767)	230	132	98	92	62	40	36	38	33
Subdural and cerebral hemorrhage (767.0)	200	121	79	84	45	37	34	37	32
Injuries to scalp (767.1)	-	-	-	-	-	-	-	-	-
Fracture of clavicle (767.2)	1	-	1	-	1	-	-	-	-
Other injuries to skeleton (767.3)	3	2	1	2	1	-	-	-	-
Injury to spine and spinal cord (767.4)	1	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)	18	6	12	5	11	1	1	1	1
Unspecified (767.9)	7	2	5	1	4	1	1	-	-
Intrauterine hypoxia and birth asphyxia (768)	755	427	328	271	218	156	110	137	95
Fetal distress before onset of labor, in liveborn infant (768.2)	2	1	1	-	1	1	-	-	-
Fetal distress first noted during labor, in liveborn infant (768.3)	-	-	-	-	-	-	-	-	-
Fetal distress, unspecified, in liveborn infant (768.4)	202	113	89	77	63	36	26	30	20
Severe birth asphyxia (768.5)	55	33	22	19	12	14	10	10	9
Mild or moderate birth asphyxia (768.6)	-	-	-	-	-	-	-	-	-
Unspecified birth asphyxia in liveborn infant (768.9)	496	280	216	175	142	105	74	97	66
Respiratory distress syndrome (769)	3,646	2,244	1,402	1,481	913	763	489	702	482
Other respiratory conditions of newborn (770)	3,443	1,890	1,553	1,158	915	732	638	679	595
Congenital pneumonia (770.0)	55	35	20	21	13	14	7	13	7
Massive aspiration syndrome (770.1)	168	77	91	52	53	25	38	22	34
Interstitial emphysema and related conditions (770.2)	410	234	176	168	126	66	50	60	48
Pulmonary hemorrhage (770.3)	102	54	48	30	32	24	16	23	15
Primary atelectasis (770.4)	521	279	242	173	141	106	101	97	93
Other and unspecified atelectasis (770.5)	48	22	26	12	11	10	15	10	15
Transitory tachypnea of newborn (770.6)	-	-	-	-	-	-	-	-	-
Chronic respiratory disease arising in the perinatal period (770.7)	669	404	265	241	139	163	126	149	119
Other respiratory problems after birth (770.8)	1,469	784	685	461	400	323	285	305	266
Unspecified (770.9)	1	1	-	-	-	1	-	-	-
Infections specific to the perinatal period (771)	902	501	401	323	256	178	145	168	134
Congenital rubella (771.0)	3	1	2	1	1	-	1	-	1
Congenital cytomegalovirus infection (771.1)	31	16	15	8	10	8	5	8	4
Other congenital infections (771.2)	28	14	14	10	10	4	4	4	3
Tetanus neonatorum (771.3)	-	-	-	-	-	-	-	-	-
Omphalitis of newborn (771.4)	8	5	3	5	2	-	1	-	-
Neonatal infective mastitis (771.5)	-	-	-	-	-	-	-	-	-
Neonatal conjunctivitis and dacryocystitis (771.6)	-	-	-	-	-	-	-	-	-
Neonatal Candida infection (771.7)	20	13	7	6	4	7	3	6	3
Other infection specific to the perinatal period (771.8)	812	452	360	293	229	159	131	150	123
Neonatal hemorrhage (772)	264	140	124	90	78	50	46	47	43
Fetal blood loss (772.0)	11	6	5	5	5	1	-	-	-
Intraventricular hemorrhage (772.1)	209	112	97	69	59	43	38	42	38
Subarachnoid hemorrhage (772.2)	6	4	2	1	2	3	2	2	1
Umbilical hemorrhage after birth (772.3)	4	2	2	2	2	-	-	-	-
Gastrointestinal hemorrhage (772.4)	4	3	1	1	1	2	1	2	1
Adrenal hemorrhage (772.5)	4	2	2	2	1	-	-	-	1
Cutaneous hemorrhage (772.6)	2	-	2	-	-	-	2	-	1
Other (772.8)	4	1	3	1	2	-	1	-	-
Unspecified (772.9)	20	10	10	9	9	1	1	1	1
Hemolytic disease of newborn, due to isoimmunization (773)	26	16	10	8	7	8	3	8	3
Hemolytic disease due to Rh isoimmunization (773.0)	9	5	4	3	2	2	2	2	2
Hemolytic disease due to ABO isoimmunization (773.1)	2	-	-	-	-	2	-	2	-
Hemolytic disease due to other and unspecified isoimmunization (773.2)	12	7	5	3	4	4	1	4	1
Hydrops fetalis due to isoimmunization (773.3)	3	2	1	2	1	-	-	-	-
Kernicterus due to isoimmunization (773.4)	-	-	-	-	-	-	-	-	-
Late anemia due to isoimmunization (773.5)	-	-	-	-	-	-	-	-	-
Other perinatal jaundice (774)	13	7	6	5	4	2	2	2	2
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)	7	5	2	3	1	2	1	2	1
Perinatal jaundice from other causes (774.5)	-	-	-	-	-	-	-	-	-
Unspecified fetal and neonatal jaundice (774.6)	5	2	3	2	2	-	1	-	1
Kernicterus not due to isoimmunization (774.7)	1	-	1	-	1	-	-	-	-
Endocrine and metabolic disturbances specific to the newborn (775)	17	11	6	8	3	3	3	3	3
Syndrome of "infant of a diabetic mother" (775.0)	9	5	4	4	3	1	1	1	1
Neonatal diabetes mellitus (775.1)	1	1	-	1	-	-	-	-	-
Neonatal myasthenia gravis (775.2)	1	1	-	-	-	1	-	1	-
Neonatal thyrotoxicosis (775.3)	1	-	1	-	-	-	1	-	1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	3	2	1	1	-	1	1	1	1
Neonatal hypoglycemia (775.6)	1	1	-	1	-	-	-	-	-
Late metabolic acidosis of newborn (775.7)	1	1	-	1	-	-	-	-	-
Other transitory neonatal endocrine and metabolic disturbances (775.8)	-	-	-	-	-	-	-	-	-
Unspecified (775.9)	-	-	-	-	-	-	-	-	-
Hematological disorders of newborn (776)	69	40	29	23	20	17	9	15	8
Hemorrhagic disease of newborn (776.0)	3	1	2	-	-	1	2	1	2
Transient neonatal thrombocytopenia (776.1)	-	-	-	-	-	-	-	-	-
Disseminated intravascular coagulation in newborn (776.2)	49	29	20	17	15	12	5	11	5
Other transient neonatal disorders of coagulation (776.3)	3	2	1	1	-	1	1	1	-
Polycythemia neonatorum (776.4)	-	-	-	-	-	-	-	-	-
Congenital anemia (776.5)	6	3	3	1	3	2	-	1	-
Anemia of prematurity (776.6)	5	3	2	2	1	1	1	1	1
Transient neonatal neutropenia (776.7)	2	1	1	1	1	-	-	-	-
Other specified transient hematological disorders (776.8)	1	1	-	1	-	-	-	-	-
Unspecified (776.9)	-	-	-	-	-	-	-	-	-
Perinatal disorders of digestive system (777)	433	268	165	130	81	138	84	127	61
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)	406	257	149	123	70	134	79	124	76
Perinatal intestinal perforation (777.6)	28	10	16	6	11	4	5	3	5
Other (777.8)	1	1	-	1	-	-	-	-	-
Unspecified (777.9)	-	-	-	-	-	-	-	-	-
Conditions involving the integument and temperature regulation of newborn (778)	188	96	92	77	70	19	22	11	13
Hydrops fetalis not due to isoimmunization (778.0)	177	92	85	75	67	17	18	9	9
Sclerema neonatorum (778.1)	1	-	1	-	1	-	-	-	-
Cold injury syndrome of newborn (778.2)	-	-	-	-	-	-	-	-	-
Other hypothermia of newborn (778.3)	9	3	6	1	2	2	4	2	4
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)	-	-	-	-	-	-	-	-	-
Unspecified (778.9)	-	-	-	-	-	-	-	-	-
Other and ill-defined conditions originating in the perinatal period (779)	2,001	1,091	910	667	526	424	384	399	362
Convulsions in newborn (779.0)	10	5	5	3	2	2	3	2	3
Other and unspecified cerebral irritability in newborn (779.1)	-	-	-	-	-	-	-	-	-
Cerebral depression, coma, and other abnormal cerebral signs (779.2)	5	4	1	4	1	-	-	-	-
Feeding problems in newborn (779.3)	1	-	2	-	1	-	-	-	-
Drug reactions and intoxications specific to newborn (779.4)	2	-	2	-	-	-	2	-	2
Drug withdrawal syndrome in newborn (779.5)	5	3	2	1	-	2	2	2	2
Termination of pregnancy (779.6)	60	26	34	22	21	4	13	4	12
Other (779.8)	1,900	1,043	857	629	496	414	361	369	340
Unspecified (779.9)	18	10	8	8	5	2	3	2	3
XVI. Symptoms, signs, and ill-defined conditions (780-799)									
Symptoms (780-789)	2,000	1,059	941	784	794	275	147	253	142
General symptoms (780)	700	441	259	286	203	155	56	143	54
Coma and stupor (780.0)	14	6	8	4	8	2	-	1	-
Hallucinations (780.1)	-	-	-	-	-	-	-	-	-
Syncope and collapse (780.2)	20	13	7	10	6	3	1	2	1
Convulsions (780.3)	614	397	217	257	165	140	52	131	50
Dizziness and giddiness (780.4)	-	-	-	-	-	-	-	-	-
Sleep disturbances (780.5)	2	2	2	2	2	-	-	-	-
Pyrexia of unknown origin (780.6)	45	22	23	12	21	10	2	9	2
Malaise and fatigue (780.7)	2	-	2	-	1	-	1	-	1
Hyperhidrosis (780.8)	-	-	-	-	-	-	-	-	-
Other (780.9)	3	1	2	1	2	-	-	-	-
Symptoms involving nervous and musculoskeletal systems (781)	25	10	15	6	13	4	2	3	2
Abnormal involuntary movements (781.0)	1	-	1	-	1	-	-	-	-
Disturbances of sensation of smell and taste (781.1)	-	-	-	-	-	-	-	-	-
Abnormality of gait (781.2)	-	-	-	-	-	-	-	-	-
Lack of coordination (781.3)	3	-	3	-	3	-	-	-	-
Transient paralysis of limb (781.4)	-	-	-	-	-	-	-	-	-
Clubbing of fingers (781.5)	-	-	-	-	-	-	-	-	-
Meningismus (781.6)	-	-	-	-	-	-	-	-	-
Tetany (781.7)	1	-	1	-	1	-	-	-	-
Other (781.9)	20	10	10	6	8	4	2	3	2
Symptoms involving skin and other integumentary tissue (782)	10	2	8	2	6	-	2	-	2
Disturbance of skin sensation (782.0)	-	-	-	-	-	-	-	-	-
Rash and other nonspecific skin eruption (782.1)	-	-	-	-	-	-	-	-	-
Localized superficial swelling, mass, or lump (782.2)	1	1	-	1	-	-	-	-	-
Edema (782.3)	3	-	3	-	2	-	1	-	1
Jaundice unspecified, not of newborn (782.4)	5	1	4	1	3	-	1	-	1
Cyanosis (782.5)	-	-	-	-	-	-	-	-	-
Pallor and flushing (782.6)	-	-	-	-	-	-	-	-	-
Spontaneous ecchymoses (782.7)	1	-	1	-	1	-	-	-	-
Changes in skin texture (782.8)	-	-	-	-	-	-	-	-	-
Other (782.9)	-	-	-	-	-	-	-	-	-
Symptoms concerning nutrition, metabolism, and development (783)	29	6	23	2	19	4	4	3	4
Anorexia (783.0)	7	1	6	1	5	-	1	-	1
Abnormal weight gain (783.1)	-	-	-	-	-	-	-	-	-
Abnormal loss of weight (783.2)	1	-	1	-	-	-	1	-	1
Feeding difficulties and mismanagement (783.3)	-	-	-	-	-	-	-	-	-
Lack of expected normal physiological development (783.4)	19	5	14	1	12	4	2	3	2

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	26	25	1	19	1	6	-	5	-
Railway employee (E804.0)	1	1	-	1	-	-	-	-	-
Passenger on railway (E804.1)	6	5	1	2	1	3	-	3	-
Pedestrian (E804.2)	1	1	-	1	-	-	-	-	-
Pedal cyclist (E804.3)	-	-	-	-	-	-	-	-	-
Other specified person (E804.8)	3	3	-	3	-	-	-	-	-
Unspecified person (E804.9)	15	15	-	12	-	3	-	2	-
Hit by rolling stock (E805)	531	475	56	371	44	104	12	86	11
Railway employee (E805.0)	9	9	-	8	-	1	-	1	-
Passenger on railway (E805.1)	2	2	-	2	-	-	-	-	-
Pedestrian (E805.2)	479	429	50	333	39	96	11	79	10
Pedal cyclist (E805.3)	4	3	1	1	1	2	-	2	-
Other specified person (E805.8)	3	3	-	3	-	-	-	-	-
Unspecified person (E805.9)	34	29	5	24	4	5	1	4	1
Other specified railway accident (E806)	13	12	1	11	1	1	-	1	-
Railway employee (E806.0)	5	5	-	5	-	-	-	-	-
Passenger on railway (E806.1)	-	-	-	-	-	-	-	-	-
Pedestrian (E806.2)	4	4	-	3	-	1	-	1	-
Pedal cyclist (E806.3)	1	1	-	1	-	-	-	-	-
Other specified person (E806.8)	1	1	-	1	-	-	-	-	-
Unspecified person (E806.9)	2	1	1	1	1	-	-	-	-
Railway accident of unspecified nature (E807)	17	16	1	11	1	5	-	5	-
Railway employee (E807.0)	2	2	-	1	-	1	-	1	-
Passenger on railway (E807.1)	-	-	-	-	-	-	-	-	-
Pedestrian (E807.2)	2	2	-	2	-	-	-	-	-
Pedal cyclist (E807.3)	-	-	-	-	-	-	-	-	-
Other specified person (E807.8)	-	-	-	-	-	-	-	-	-
Unspecified person (E807.9)	13	12	1	8	1	4	-	4	-
Motor vehicle traffic accidents (E810-E819)	46,586	31,955	14,631	26,953	12,667	5,002	1,964	4,076	1,465
Motor vehicle traffic accident involving collision with train (E810)	720	471	249	420	228	51	21	48	20
Motor vehicle traffic accident involving re-entrant collision with another motor vehicle (E811)	14	9	5	8	5	1	-	1	-
Other motor vehicle traffic accident involving collision with another motor vehicle (E812)	17,808	11,085	6,723	9,645	5,968	1,440	755	1,147	572
Motor vehicle traffic accident involving collision with other vehicle (E813)	796	679	117	569	99	110	18	95	15
Motor vehicle traffic accident involving collision with pedestrian (E814)	6,957	4,881	2,076	3,654	1,638	1,227	438	1,018	334
Other motor vehicle traffic accident involving collision on the highway (E815)	6,497	4,919	1,578	4,221	1,365	698	213	604	167
Motor vehicle traffic accident due to loss of control without collision on the highway (E816)	7,856	5,863	1,993	5,043	1,724	820	269	613	160
Noncollision motor vehicle traffic accident while boarding or alighting (E817)	8	5	3	4	1	1	2	-	1
Other noncollision motor vehicle traffic accident (E818)	1,006	737	269	600	225	137	44	108	32
Motor vehicle traffic accident of unspecified nature (E819)	4,924	3,306	1,618	2,789	1,414	517	204	442	164
Motor vehicle nontraffic accidents (E820-E825)	989	749	240	668	203	81	37	44	26
Nontraffic accident involving motor-driven snow vehicle (E820)	77	69	8	61	7	8	1	-	-
Nontraffic accident involving other off-road motor vehicle (E821)	214	182	32	174	31	8	1	3	1
Other motor vehicle nontraffic accident involving collision with moving object (E822)	415	267	148	227	123	40	25	24	18
Other motor vehicle nontraffic accident involving collision with stationary object (E823)	69	56	13	54	11	2	2	2	1
Other motor vehicle nontraffic accident while boarding or alighting (E824)	15	10	5	10	5	-	-	-	-
Other motor vehicle nontraffic accident of other and unspecified nature (E825)	199	165	34	142	26	23	8	15	6
Other road vehicle accidents (E826-E829)	219	149	70	133	67	16	3	8	1
Pedal cycle accident (E826)	95	80	15	69	15	11	-	5	-
Pedestrian (E826.0)	6	5	1	5	1	-	-	-	-
Pedal cyclist (E826.1)	84	70	14	60	14	10	-	4	-
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)	5	5	-	4	-	1	-	1	-
Animal-drawn vehicle accident (E827)	8	5	3	5	3	-	-	-	-
Pedestrian (E827.0)	-	-	-	-	-	-	-	-	-
Pedal cyclist (E827.1)	-	-	-	-	-	-	-	-	-
Rider of animal (E827.2)	-	-	-	-	-	-	-	-	-
Occupant of animal-drawn vehicle (E827.3)	4	2	2	2	2	-	-	-	-
Occupant of streetcar (E827.4)	-	-	-	-	-	-	-	-	-
Other specified person (E827.8)	1	1	-	1	-	-	-	-	-
Unspecified person (E827.9)	3	2	1	2	1	-	-	-	-
Accident involving animal being ridden (E828)	106	59	47	54	45	5	2	3	-
Pedestrian (E828.0)	1	1	-	-	-	1	-	1	-
Pedal cyclist (E828.1)	1	1	-	1	-	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	7	4	3	4	3	-	-	-	-
Other and unspecified water transport accident (E838)	72	61	11	58	11	3	-	1	-
Occupant of small boat, unpowered (E838.0)	3	3	-	3	-	-	-	-	-
Occupant of small boat, powered (E838.1)	15	11	4	11	4	-	-	-	-
Occupant of other watercraft, crew (E838.2)	4	4	-	3	-	1	-	1	-
Occupant of other watercraft, other than crew (E838.3)	1	-	1	-	1	-	-	-	-
Water skier (E838.4)	9	8	1	8	1	-	-	-	-
Swimmer (E838.5)	1	1	-	1	-	-	-	-	-
Dockers, stevedores (E838.6)	-	-	-	-	-	-	-	-	-
Other specified person (E838.8)	1	1	-	1	-	-	-	-	-
Unspecified person (E838.9)	38	33	5	31	5	2	-	-	-
Air and space transport accidents (E840-E845)	1,123	907	216	874	205	33	11	13	4
Accident to powered aircraft at takeoff or landing (E840)	195	130	65	123	62	7	3	3	2
Occupant of spacecraft (E840.0)	-	-	-	-	-	-	-	-	-
Occupant of military aircraft, any (E840.1)	7	7	-	7	-	-	-	-	-
Crew of commercial aircraft (powered) in surface to surface transport (E840.2)	11	10	1	10	1	-	-	-	-
Other occupant of commercial aircraft (powered) in surface to surface transport (E840.3)	139	85	54	79	52	6	2	2	1
Occupant of commercial aircraft (powered) in surface to air transport (E840.4)	-	-	-	-	-	-	-	-	-
Occupant of other powered aircraft (E840.5)	29	20	9	20	9	-	-	-	-
Occupant of unpowered aircraft, except parachutist (E840.6)	-	-	-	-	-	-	-	-	-
Parachutist (military) (other) (E840.7)	-	-	-	-	-	-	-	-	-
Ground crew, airline employee (E840.8)	4	3	1	2	-	1	1	1	1
Other person (E840.9)	5	5	-	5	-	-	-	-	-
Accident to powered aircraft, other and unspecified (E841)	863	723	140	698	133	25	7	9	1
Occupant of spacecraft (E841.0)	2	2	-	2	-	-	-	-	-
Occupant of military aircraft, any (E841.1)	77	71	6	68	4	3	2	2	1
Crew of commercial aircraft (powered) in surface to surface transport (E841.2)	55	54	1	51	1	3	-	-	-
Other occupant of commercial aircraft (powered) in surface to surface transport (E841.3)	424	334	90	321	87	13	3	6	-
Occupant of commercial aircraft (powered) in surface to air transport (E841.4)	24	21	3	21	3	-	-	-	-
Occupant of other powered aircraft (E841.5)	255	219	36	213	34	6	2	1	-
Occupant of unpowered aircraft, except parachutist (E841.6)	-	-	-	-	-	-	-	-	-
Parachutist (military) (other) (E841.7)	1	1	-	1	-	-	-	-	-
Ground crew, airline employee (E841.8)	-	-	-	-	-	-	-	-	-
Other person (E841.9)	25	21	4	21	4	-	-	-	-
Accident to unpowered aircraft (E842)	17	14	3	14	3	-	-	-	-
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)	15	13	2	13	2	-	-	-	-
Parachutist (military) (other) (E842.7)	1	-	1	-	1	-	-	-	-
Ground crew, airline employee (E842.8)	-	-	-	-	-	-	-	-	-
Other person (E842.9)	1	1	-	1	-	-	-	-	-
Fall in, on, or from aircraft (E843)	4	4	-	4	-	-	-	-	-
Occupant of spacecraft (E843.0)	-	-	-	-	-	-	-	-	-
Occupant of military aircraft, any (E843.1)	1	1	-	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)	1	1	-	1	-	-	-	-	-
Occupant of unpowered aircraft, except parachutist (E843.6)	-	-	-	-	-	-	-	-	-
Parachutist (military) (other) (E843.7)	2	2	-	2	-	-	-	-	-
Ground crew, airline employee (E843.8)	-	-	-	-	-	-	-	-	-
Other person (E843.9)	-	-	-	-	-	-	-	-	-
Other specified air transport accidents (E844)	43	35	8	34	7	1	1	1	1
Occupant of spacecraft (E844.0)	-	-	-	-	-	-	-	-	-
Occupant of military aircraft, any (E844.1)	1	-	1	-	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)	1	1	-	1	-	-	-	-	-
Parachutist (military) (other) (E844.7)	33	28	5	27	5	1	-	1	-
Ground crew, airline employee (E844.8)	4	2	2	2	1	-	1	-	1
Other person (E844.9)	4	4	-	4	-	-	-	-	-
Accident involving spacecraft (E845)	1	1	-	1	-	-	-	-	-
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)	1	1	-	1	-	-	-	-	-
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	29	16	26	16	3	-	2	-
Accidents involving powered vehicles used solely within the buildings and premises of an industrial or commercial establishment (E846)	7	6	1	5	1	1	-	1	-
Accidents involving cable cars not running on rails (E847)	1	1	-	1	-	-	-	-	-
Accidents involving other vehicles not elsewhere classified (E848)	37	22	15	20	15	2	-	1	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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	.	0.1	.	.	.	.	.
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)	.5	.7	0.2	.9	0.2	0.2	.	.	.
Accident to powered aircraft at takeoff or landing (E840)	.1	.1	.1	.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)	.1	.1	.0	.1	.0	.	.	.	.
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	.7	.1	.1	.	.	.
Occupant of spacecraft (E841.0)	.	.	.	.	.	.	.	.	.
Occupant of military aircraft, any (E841.1)	.0	.1	.	.1	.	.	.	.	.
Crew of commercial aircraft (powered) in surface to surface transport (E841.2)	.0	.0	.	.0	.	.	.	.	.
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)	.0	.0	.	.0	.	.	.	.	.
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	.0	.	.0	.	.	.	.	.
Accident to unpowered aircraft (E842)	.	.	.	.	.	.	.	.	.
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)	.	.	.	.	.	.	.	.	.
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

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	5	3	2	3	2	-	-	-	-
Excessive amount of blood or other fluid during transfusion or infusion (E873.0)	1	1	-	1	-	-	-	-	-
Incorrect dilution of fluid during infusion (E873.1)	-	-	-	-	-	-	-	-	-
Overdose of radiation in therapy (E873.2)	2	1	1	1	1	-	-	-	-
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)	2	1	1	1	1	-	-	-	-
Unspecified (E873.9)	-	-	-	-	-	-	-	-	-
Mechanical failure of instrument or apparatus during procedure (E874)	15	9	6	7	5	2	1	1	1
Surgical operation (E874.0)	3	2	1	1	1	1	-	1	-
Infusion and transfusion (E874.1)	4	1	3	1	3	-	-	-	-
Kidney dialysis and other perfusion (E874.2)	2	1	1	1	1	-	-	-	-
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)	5	4	1	3	-	1	1	-	1
Unspecified (E874.9)	1	1	-	1	-	-	-	-	-
Contaminated or infected blood, other fluid, drug, or biological substance (E875)	6	3	3	3	3	-	-	-	-
Contaminated substance transfused or infused (E875.0)	5	3	2	3	2	-	-	-	-
Contaminated substance injected or used for vaccination (E875.1)	1	-	1	-	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)	70	35	35	23	26	12	9	12	8
Mismatched blood in transfusion (E876.0)	5	2	3	2	2	-	1	-	1
Wrong fluid in infusion (E876.1)	1	1	-	1	-	-	-	-	-
Failure in suture and ligature during surgical operation (E876.2)	2	1	1	1	1	-	-	-	-
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)	55	30	25	19	20	11	5	11	5
Unspecified misadventure (E876.9)	7	1	6	-	3	1	3	1	2
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)	2,440	1,173	1,267	970	1,046	203	221	195	212
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)	1,978	959	1,019	794	838	165	181	160	176
Surgical operation with transplant of whole organ (E878.0)	25	13	12	13	11	-	1	-	1
Surgical operation with implant of artificial internal device (E878.1)	244	109	135	98	130	11	5	10	5
Surgical operation with anastomosis, bypass, or graft with natural or artificial tissues used as implant (E878.2)	177	100	77	88	64	12	13	12	13
Surgical operation with formation of external stoma (E878.3)	161	86	75	70	63	16	12	15	12
Other restorative surgery (E878.4)	112	62	50	53	45	9	5	9	5
Amputation of limb(s) (E878.5)	256	122	134	89	92	33	42	33	40
Removal of other organ (partial) (total) (E878.6)	151	69	82	61	65	8	16	8	15
Other (E878.8)	189	93	96	74	81	19	15	17	14
Unspecified (E878.9)	663	305	358	248	286	57	72	56	71
Other procedures, without mention of misadventure at the time of procedure, as the cause of abnormal reaction of patient, or of later complication (E879)	462	214	248	176	208	38	40	35	36
Cardiac catheterization (E879.0)	13	5	8	4	5	1	3	1	1
Kidney dialysis (E879.1)	32	18	14	12	11	6	3	6	2
Radiological procedure and radiotherapy (E879.2)	5	3	2	2	2	1	-	1	-
Shock therapy (E879.3)	-	-	-	-	-	-	-	-	-
Aspiration of fluid (E879.4)	5	3	2	2	2	1	-	1	-
Insertion of gastric or duodenal sound (E879.5)	-	-	-	-	-	-	-	-	-
Urinary catheterization (E879.6)	118	61	57	51	47	10	10	10	10
Blood sampling (E879.7)	-	-	-	-	-	-	-	-	-
Other (E879.8)	278	119	159	100	137	19	22	16	21
Unspecified (E879.9)	11	5	6	5	4	-	2	-	2
Accidental falls (E880-E888)	12,151	6,302	5,849	5,524	5,437	778	412	659	350
Fall on or from stairs or steps (E880)	1,163	665	498	577	466	88	32	79	28
Escalator (E880.0)	1	-	1	-	-	-	1	-	1
Other stairs or steps (E880.9)	1,162	665	497	577	466	88	31	79	27
Fall on or from ladders or scaffolding (E881)	332	315	17	279	16	36	1	27	-
Fall from ladder (E881.0)	248	231	17	205	16	26	1	20	-
Fall from scaffolding (E881.1)	84	84	-	74	-	10	-	7	-
Fall from or out of building or other structure (E882)	557	482	75	415	63	67	12	59	12
Fall into hole or other opening in surface (E883)	77	72	5	62	3	10	2	9	1
Accident from diving or jumping into water (swimming pool) (E883.0)	27	26	1	23	1	3	-	2	-
Accidental fall into well (E883.1)	2	2	-	1	-	1	-	1	-
Accidental fall into storm drain or manhole (E883.2)	1	1	-	-	-	1	-	1	-
Fall into other hole or other opening in surface (E883.9)	47	43	4	38	2	5	2	5	1
Other falls from one level to another (E884)	933	633	300	546	265	87	35	70	28
Fall from playground equipment (E884.0)	6	2	4	1	3	1	1	1	1
Fall from cliff (E884.1)	106	87	19	83	19	4	-	2	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	1.0	1.0	1.0	.9	1.0	1.1	1.1	1.3	1.3
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) .....	.8	.8	.8	.8	.8	.9	.9	1.1	1.1
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) .....	.1	.1	.1	.1	.1	.	.	.	.
Other restorative surgery (E878.4) .....	.0	.1	.0	.1	.0	.	.	.	.
Amputation of limb(s) (E878.5) .....	.1	.1	.1	.1	.1	.2	.2	.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) .....	.3	.3	.3	.2	.3	.3	.4	.4	.4
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	.2	.2	.2	.2	.2	.2	.2	.2
Cardiac catheterization (E879.0) .....	.	.	.	.	.	.	.	.	.
Kidney dialysis (E879.1) .....	.0	.	.	.	.	.	.	.	.
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	.1	.0	.0	.0	.	.	.	.
Blood sampling (E879.7) .....	.	.	.	.	.	.	.	.	.
Other (E879.8) .....	.1	.1	.1	.1	.1	.	.1	.	.1
Unspecified (E879.9) .....	.	.	.	.	.	.	.	.	.
Accidental falls (E880-E888)	4.9	5.2	4.6	5.4	5.1	4.1	2.0	4.5	2.2
Fall on or from stairs or steps (E880) .....	.5	.5	.4	.6	.4	.5	.2	.5	.2
Escalator (E880.0) .....	.	.	.	.	.	.	.	.	.
Other stairs or steps (E880.9) .....	.5	.5	.4	.6	.4	.5	.2	.5	.2
Fall on or from ladders or scaffolding (E881) .....	.1	.3	.	.3	.	.2	.	.2	.
Fall from ladder (E881.0) .....	.1	.2	.	.2	.	.1	.	.1	.
Fall from scaffolding (E881.1) .....	.0	.1	.	.1	.	.	.	.	.
Fall from or out of building or other structure (E882) .....	.2	.4	.1	.4	.1	.4	.	.4	.
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	.5	.2	.5	.2	.5	.2	.5	.2
Fall from playground equipment (E884.0)
Fall from cliff (E884.1)0	.1	.	.1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Other falls from one level to another-Con.									
Fall from chair or bed (E884.2)	384	166	218	149	198	17	20	15	16
Other falls from one level to another (E884.9)	437	378	59	313	45	65	14	52	11
Fall on same level from slipping, tripping, or stumbling (E885)	471	248	223	225	214	23	9	17	9
Fall on same level from collision, pushing, or shoving, by or with other person (E886)	5	5	-	5	-	-	-	-	-
In sports (E886.0)	1	1	-	1	-	-	-	-	-
Other and unspecified (E886.9)	4	4	-	4	-	-	-	-	-
Fracture, cause unspecified (E887)	2,919	1,032	1,887	949	1,769	83	118	73	102
Other and unspecified falls (E888)	5,694	2,850	2,844	2,466	2,641	384	203	325	170
Accidents caused by fire and flames (E890-E899)	4,716	2,817	1,899	1,903	1,256	914	643	858	609
Conflagration in private dwelling (E890)	3,851	2,254	1,597	1,479	1,039	775	558	731	530
Explosion caused by conflagration (E890.0)	6	4	2	3	2	1	-	1	-
Fumes from combustion of polyvinylchloride (PVC) and similar material in conflagration (E890.1)	5	2	3	1	2	1	1	1	1
Other smoke and fumes from conflagration (E890.2)	2,946	1,713	1,233	1,127	804	586	429	551	407
Burning caused by conflagration (E890.3)	774	459	315	299	202	160	113	153	108
Other accident resulting from conflagration (E890.8)	73	49	24	32	15	17	9	16	8
Unspecified (E890.9)	47	27	20	17	14	10	6	9	6
Conflagration in other and unspecified building or structure (E891)	152	115	37	85	23	30	14	28	14
Explosion caused by conflagration (E891.0)	5	5	-	5	-	-	-	-	-
Fumes from combustion of polyvinylchloride (PVC) and similar material in conflagration (E891.1)	2	2	-	1	-	1	-	1	-
Other smoke and fumes from conflagration (E891.2)	101	68	33	50	21	18	12	17	12
Burning caused by conflagration (E891.3)	33	29	4	20	2	9	2	8	2
Other accident resulting from conflagration (E891.8)	7	7	-	6	-	1	-	1	-
Unspecified (E891.9)	4	4	-	3	-	1	-	1	-
Conflagration not in building or structure (E892)	81	73	8	63	4	10	4	7	2
Accident caused by ignition of clothing (E893)	222	102	120	68	89	34	31	33	30
From controlled fire in private dwelling (E893.0)	90	32	58	21	44	11	14	11	14
From controlled fire in other building or structure (E893.1)	7	2	5	2	4	-	1	-	-
From controlled fire not in building or structure (E893.2)	25	21	4	18	4	3	-	3	-
From other sources (E893.8)	59	32	27	16	21	16	6	15	6
Unspecified (E893.9)	41	15	26	11	16	4	10	4	10
Ignition of highly inflammable material (E894)	60	46	14	37	11	9	3	6	3
Accident caused by controlled fire in private dwelling (E895)	31	21	10	13	8	8	2	8	2
Accident caused by controlled fire in other and unspecified building or structure (E896)	6	4	2	1	1	3	1	3	1
Accident caused by controlled fire not in building or structure (E897)	17	13	4	9	3	4	1	4	1
Accident caused by other specified fire and flames (E898)	118	78	40	57	31	21	9	21	6
Burning bedclothes (E898.0)	29	22	7	15	6	7	1	7	-
Other (E898.1)	89	56	33	42	25	14	8	14	6
Accident caused by unspecified fire (E899)	178	111	67	91	47	20	20	17	20
Accidents due to natural and environmental factors (E900-E909)	1,816	1,271	545	824	389	447	156	361	136
Excessive heat (E900)	201	135	66	95	47	40	19	37	17
Due to weather conditions (E900.0)	94	67	27	46	22	21	5	19	4
Of manmade origin (E900.1)	22	12	10	10	8	2	2	2	2
Of unspecified origin (E900.9)	85	56	29	39	17	17	12	16	11
Excessive cold (E901)	1,015	727	288	397	181	330	107	280	96
Due to weather conditions (E901.0)	524	396	128	217	77	179	51	137	41
Of manmade origin (E901.1)	-	-	-	-	-	-	-	-	-
Other (E901.8)	17	12	5	6	3	6	2	6	2
Of unspecified origin (E901.9)	474	319	155	174	101	145	54	137	53
High and low air pressure and changes in air pressure (E902)	10	8	2	6	1	2	1	-	1
Residence or prolonged visit at high altitude (E902.0)	1	1	-	1	-	-	-	-	-
In aircraft (E902.1)	-	-	-	-	-	-	-	-	-
Due to diving (E902.2)	5	4	1	3	1	1	-	-	-
Due to other specified causes (E902.8)	-	-	-	-	-	-	-	-	-
Unspecified (E902.9)	4	3	1	2	-	1	1	-	1
Travel and motion (E903)	-	-	-	-	-	-	-	-	-
Hunger, thirst, exposure, neglect (E904)	177	109	68	77	53	32	15	16	11
Abandonment or neglect of infants and helpless persons (E904.0)	10	3	7	3	4	-	3	-	3
Lack of food (E904.1)	68	30	38	27	33	3	5	2	5
Lack of water (E904.2)	3	2	1	2	1	-	-	-	-
Exposure (to weather conditions), not elsewhere classified (E904.3)	92	73	19	44	13	29	6	14	3
Prviation, unqualified (E904.9)	4	1	3	1	2	-	1	-	-
Venomous animals and plants as the cause of poisoning and toxic reactions (E905)	76	57	19	48	17	9	2	8	2
Venomous snakes and lizards (E905.0)	8	5	3	4	2	1	1	-	1
Venomous spiders (E905.1)	3	2	1	2	1	-	-	-	-
Scorpion (E905.2)	-	-	-	-	-	-	-	-	-
Hornets, wasps, and bees (E905.3)	53	40	13	34	12	6	1	6	1
Centipede and venomous millipede (tropical) (E905.4)	-	-	-	-	-	-	-	-	-
Other venomous arthropods (E905.5)	10	9	1	7	1	2	-	2	-
Venomous marine animals and plants (E905.6)	-	-	-	-	-	-	-	-	-
Poisoning and toxic reactions caused by other plants (E905.7)	-	-	-	-	-	-	-	-	-
Other specified (E905.8)	-	-	-	-	-	-	-	-	-
Unspecified (E905.9)	2	1	1	1	1	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Accidents due to natural and environmental factors-Con.									
Other injury caused by animals (E906)	96	66	30	58	29	8	1	3	1
Dog bite (E906.0)	13	8	5	7	5	1	-	-	-
Rat bite (E906.1)	-	-	-	-	-	-	-	-	-
Bite of nonvenomous snakes and lizards (E906.2)	-	-	-	-	-	-	-	-	-
Bite of other animal except arthropod (E906.3)	8	4	4	3	4	1	-	-	-
Bite of nonvenomous arthropod (E906.4)	5	2	3	2	2	-	1	-	1
Other specified injury caused by animal (E906.8)	63	47	16	43	16	4	-	2	-
Unspecified (E906.9)	7	5	2	3	2	2	-	1	-
Lightning (E907)	75	65	10	60	10	5	-	3	-
Cataclysmic storms and floods resulting from storms (E908)	94	56	38	44	35	12	3	11	3
Cataclysmic earth surface movements and eruptions (E909)	72	48	24	39	16	9	8	3	5
Accidents caused by submersion, suffocation, and foreign bodies (E910-E915)	8,534	5,778	2,756	4,451	2,241	1,327	515	1,122	467
Accidental drowning and submersion (E910)	4,015	3,249	766	2,434	612	815	154	664	133
While water skiing (E910.0)	7	6	1	6	-	-	1	-	1
While engaged in other sport or recreational activity with diving equipment (E910.1)	57	54	3	51	3	3	-	1	-
While engaged in other sport or recreational activity without diving equipment (E910.2)	758	700	58	516	41	184	17	141	17
While swimming or diving for purposes other than recreation or sport (E910.3)	54	44	10	34	6	10	4	4	3
In bathtub (E910.4)	345	178	167	137	146	41	21	36	19
Other (E910.8)	2,035	1,658	377	1,214	294	444	83	374	88
Unspecified (E910.9)	759	609	150	476	122	133	28	108	25
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation (E911)	1,534	845	689	681	574	164	115	141	105
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation (E912)	2,044	1,017	1,027	791	857	226	170	210	161
Accidental mechanical suffocation (E913)	913	653	260	533	186	120	74	105	66
In bed or cradle (E913.0)	202	105	97	69	62	36	35	30	31
By plastic bag (E913.1)	41	29	12	24	5	5	7	5	7
Due to lack of air (in closed place) (E913.2)	19	14	5	11	4	3	1	2	1
By falling earth or other substance (E913.3)	92	91	1	77	1	14	-	12	-
Other specified means (E913.8)	403	307	96	268	75	39	21	35	18
Unspecified (E913.9)	156	107	49	84	39	23	10	21	9
Foreign body accidentally entering eye and adnexa (E914)	-	-	-	-	-	-	-	-	-
Foreign body accidentally entering other orifice (E915)	28	14	14	12	12	2	2	2	2
Other accidents (E916-E928)	7,054	5,861	1,193	4,937	987	924	206	802	175
Struck accidentally by falling object (E916)	766	725	41	637	38	88	3	82	2
Striking against or struck accidentally by objects or persons (E917)	229	190	39	167	37	23	2	20	1
In sports (E917.0)	42	36	6	31	6	5	-	3	-
Caused by a crowd, by collective fear or panic (E917.1)	-	-	-	-	-	-	-	-	-
In running water (E917.2)	1	1	-	1	-	-	-	-	-
Other (E917.9)	186	153	33	135	31	18	2	17	1
Caught accidentally in or between objects (E918)	91	85	6	75	6	10	-	9	-
Accidents caused by machinery (E919)	1,179	1,106	73	1,003	68	103	5	91	5
Agricultural machines (E919.0)	549	514	35	484	35	30	-	27	-
Mining and earth-drilling machinery (E919.1)	53	53	-	52	-	1	-	1	-
Lifting machines and appliances (E919.2)	223	212	11	177	9	35	2	31	2
Metalworking machines (E919.3)	14	14	-	14	-	-	-	-	-
Woodworking and forming machines (E919.4)	20	19	1	19	1	-	-	-	-
Prime movers, except electrical motors (E919.5)	-	-	-	-	-	-	-	-	-
Transmission machinery (E919.6)	19	15	4	14	4	1	-	1	-
Earth moving, scraping, and other excavating machines (E919.7)	105	102	3	96	2	6	1	4	1
Other (E919.8)	141	123	18	103	16	20	2	19	2
Unspecified (E919.9)	55	54	1	44	1	10	-	8	-
Accidents caused by cutting and piercing instruments or objects (E920)	119	101	18	69	11	32	7	29	6
Powered lawn mower (E920.0)	2	1	1	1	1	-	-	-	-
Other powered hand tools (E920.1)	12	12	-	11	-	1	-	1	-
Powered household appliances and implements (E920.2)	1	1	-	1	-	-	-	-	-
Knives, swords, and daggers (E920.3)	6	5	1	4	1	1	-	1	-
Other hand tools and implements (E920.4)	3	3	-	2	-	1	-	1	-
Other (E920.8)	67	55	12	35	7	20	5	19	4
Unspecified (E920.9)	28	24	4	15	2	9	2	7	2
Accident caused by explosion of pressure vessel (E921)	40	39	1	36	1	3	-	3	-
Boilers (E921.0)	5	5	-	4	-	1	-	1	-
Gas cylinders (E921.1)	3	3	-	3	-	-	-	-	-
Other (E921.8)	30	29	1	27	1	2	-	2	-
Unspecified (E921.9)	2	2	-	2	-	-	-	-	-
Accident caused by firearm missile (E922)	1,489	1,317	172	1,023	130	294	42	246	30
Handgun (E922.0)	231	207	24	173	22	34	2	29	2
Shotgun (automatic) (E922.1)	175	152	23	122	15	30	8	29	7
Hunting rifle (E922.2)	86	76	10	70	9	6	1	4	-
Military firearms (E922.3)	1	1	-	1	-	-	-	-	-
Other (E922.8)	2	2	-	2	-	-	-	-	-
Unspecified (E922.9)	994	879	115	655	84	224	31	190	21
Accident caused by explosive material (E923)	298	215	23	198	18	17	5	16	3
Fireworks (E923.0)	5	3	2	3	2	-	-	-	-
Blasting materials (E923.1)	7	7	-	7	-	-	-	-	-
Explosive gases (E923.2)	101	85	16	81	12	4	4	4	3
Other (E923.8)	48	45	3	40	2	5	1	5	-
Unspecified (E923.9)	77	75	2	67	2	8	-	7	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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) .....	.	.	.	.	.	.	.	.	.
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) .....	.0	.0	.0	.0	.0	.	.	.	.
Cataclysmic earth surface movements and eruptions (E909) .....	.0	.0	.0	.0	.	.	.	.	.
Accidents caused by submersion, suffocation, and foreign bodies (E910-E915)	3.4	4.8	2.2	4.4	2.1	7.1	2.5	7.7	2.9
Accidental drowning and submersion (E910)	1.6	2.7	.6	2.4	.6	4.3	.8	4.6	.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	.0	.5	.0	1.0	.	1.0	.
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	2.6	.4
Unspecified (E910.9) .....	.3	.5	.1	.5	.1	.7	.1	.7	.2
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation (E911) .....	.6	.7	.5	.7	.5	.9	.6	1.0	.7
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation (E912) .....	.8	.8	.8	.8	.8	1.2	.8	1.4	1.0
Accidental mechanical suffocation (E913) .....	.4	.5	.2	.5	.2	.6	.4	.7	.4
In bed or cradle (E913.0) .....	.1	.1	.1	.1	.1	.2	.2	.2	.2
By plastic bag (E913.1) .....	.0	.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	.2	.1	.2	.
Unspecified (E913.9) .....	.1	.1	.0	.1	.0	.1	.	.1	.
Foreign body accidentally entering eye and adnexa (E914) .....	.	.	.	.	.	.	.	.	.
Foreign body accidentally entering other orifice (E915) .....	.0	.	.	.	.	.	.	.	.
Other accidents (E916-E928)	2.8	4.8	.9	4.8	.9	4.9	1.0	5.5	1.1
Struck accidentally by falling object (E916) .....	.3	.6	.0	.6	.0	.5	.	.6	.
Striking against or struck accidentally by objects or persons (E917) .....	.1	.2	.0	.2	.0	.1	.	.1	.
In sports (E917.0) .....	.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	.	.	.	.
Caught accidentally in or between objects (E918) .....	.0	.1	.	.1	.	.	.	.	.
Accidents caused by machinery (E919) .....	.5	.9	.1	1.0	.1	.5	.	.6	.
Agricultural machines (E919.0) .....	.2	.4	.0	.5	.0	.2	.	.2	.
Mining and earth-drilling machinery (E919.1) .....	.0	.0	.	.1	.	.	.	.	.
Lifting machines and appliances (E919.2) .....	.1	.2	.	.2	.	.2	.	.2	.
Metalworking machines (E919.3) .....	.	.	.	.	.	.	.	.	.
Woodworking and forming machines (E919.4) .....	.0	.	.	.	.	.	.	.	.
Prime movers, except electrical motors (E919.5) .....	.	.	.	.	.	.	.	.	.
Transmission machinery (E919.6) .....	.	.	.	.	.	.	.	.	.
Earth moving, scraping, and other excavating machines (E919.7) .....	.0	.1	.	.1	.	.	.	.	.
Other (E919.8) .....	.1	.1	.	.1	.	.1	.	.	.
Unspecified (E919.9) .....	.0	.0	.	.0	.	.	.	.	.
Accidents caused by cutting and piercing instruments or objects (E920) .....	.0	.1	.	.1	.	.2	.	.2	.
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	.	.1	.	.	.
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	1.1	.1	1.0	.1	1.6	.2	1.7	.2
Handgun (E922.0) .....	.1	.2	.0	.2	.0	.2	.	.2	.
Shotgun (automatic) (E922.1) .....	.1	.1	.0	.1	.	.2	.	.2	.
Hunting rifle (E922.2) .....	.0	.1	.	.1	.	.	.	.	.
Military firearms (E922.3) .....	.	.	.	.	.	.	.	.	.
Other (E922.8) .....	.	.	.	.	.	.	.	.	.
Unspecified (E922.9) .....	.4	.7	.1	.6	.1	1.2	.2	1.3	.1
Accident caused by explosive material (E923) .....	.1	.2	.0	.2	.	.	.	.	.
Fireworks (E923.0) .....	.	.	.	.	.	.	.	.	.
Blasting materials (E923.1)
Explosive gases (E923.2)0	.1	.	.1
Other (E923.8)0	.0	.	.0
Unspecified (E923.9)0	.1	.	.1

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Agents primarily affecting gastrointestinal system-Con.									
Other (E943.8)	-	-	-	-	-	-	-	-	-
Unspecified (E943.9)	-	-	-	-	-	-	-	-	-
Water, mineral, and uric acid metabolism drugs (E944)	4	-	4	-	2	-	2	-	2
Mercurial diuretics (E944.0)	-	-	-	-	-	-	-	-	-
Purine derivative diuretics (E944.1)	3	-	3	-	2	-	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)	1	-	1	-	-	-	1	-	1
Agents primarily acting on the smooth and skeletal muscles and respiratory system (E945)	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)	-	-	-	-	-	-	-	-	-
Antiasthmatics (E945.7)	1	-	1	-	-	-	1	-	1
Other and unspecified respiratory drugs (E945.8)	-	-	-	-	-	-	-	-	-
Agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs (E946)	3	-	3	-	2	-	1	-	1
Local anti-infectives and anti-inflammatory drugs (E946.0)	1	-	1	-	1	-	-	-	-
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)	1	-	1	-	1	-	-	-	-
Other (E946.8)	-	-	-	-	-	-	-	-	-
Unspecified (E946.9)	1	-	1	-	-	-	1	-	1
Other and unspecified drugs and medicaments (E947)	64	36	28	29	23	7	5	7	5
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)	14	6	8	5	8	1	-	1	-
Unspecified drug or medicament (E947.9)	50	30	20	24	15	6	5	6	5
Bacterial vaccines (E948)	1	1	-	-	-	1	-	-	-
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)	1	1	-	-	-	1	-	-	-
Other and unspecified bacterial vaccines (E948.8)	-	-	-	-	-	-	-	-	-
Mixed bacterial vaccines, except combinations with a pertussis component (E948.9)	-	-	-	-	-	-	-	-	-
Other vaccines and biological substances (E949)	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)	1	1	-	1	-	-	-	-	-
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)	30,232	24,102	6,130	21,858	5,566	2,244	564	1,771	382
Suicide by solid or liquid substances (E950)	3,215	1,523	1,692	1,410	1,559	113	133	89	98
Analgesics, antipyretics, and antirheumatics (E950.0)	352	157	195	148	181	9	14	7	10
Barbiturates (E950.1)	167	85	82	80	77	5	5	1	4
Other sedatives and hypnotics (E950.2)	45	26	19	25	19	1	-	1	-
Tranquilizers and other psychotropic agents (E950.3)	1,072	479	593	452	544	27	49	23	37
Other specified drugs and medicaments (E950.4)	690	323	367	290	326	33	41	26	31
Unspecified drug or medicament (E950.5)	662	294	368	280	352	14	16	12	12
Agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E950.6)	38	28	10	23	10	5	-	2	-
Corrosive and caustic substances (E950.7)	36	20	16	11	14	9	2	9	2
Arsenic and its compounds (E950.8)	9	8	1	6	1	2	-	1	-
Other and unspecified solid and liquid substances (E950.9)	144	103	41	95	35	8	6	7	2
Suicide by gases in domestic use (E951)	25	20	5	20	5	-	-	-	-
Gas distributed by pipeline (E951.0)	16	13	3	13	3	-	-	-	-
Liquefied petroleum gas distributed in mobile containers (E951.1)	7	6	1	6	1	-	-	-	-
Other utility gas (E951.8)	2	1	-	1	-	-	-	-	-
Suicide by other gases and vapors (E952)	2,203	1,668	535	1,612	517	56	18	42	11
Motor vehicle exhaust gas (E952.0)	1,814	1,381	433	1,332	423	49	10	37	5
Other carbon monoxide (E952.1)	373	273	100	256	93	7	7	5	6
Other specified gases and vapors (E952.8)	12	10	2	10	1	-	1	-	-
Unspecified gases and vapors (E952.9)	4	4	-	4	-	-	-	-	-
Suicide by hanging, strangulation, and suffocation (E953)	4,484	3,708	776	3,181	672	527	104	366	42
Hanging (E953.0)	4,084	3,497	587	2,986	487	511	100	356	41
Suffocation by plastic bag (E953.1)	303	140	163	130	161	10	2	5	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	.	.	.	.	.	.	.	.	.
Salurotics (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	.	.	.	.
Diabetics (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)	.	.	.	.	.	.	.	.	.
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)	.	.	.	.	.	.	.	.	.
Poliovaccine (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)	12.2	19.9	4.6	21.4	5.2	12.0	2.7	12.2	2.4
Suicide by solid or liquid substances (E950)	1.3	1.3	1.3	1.4	1.5	.6	.6	.6	.6
Analgesics, antipyretics, and antirheumatics (E950.0)	.1	.1	.2	.1	.2	.	.	.	.
Barbiturates (E950.1)	.1	.1	.1	.1	.1	.	.	.	.
Other sedatives and hypnotics (E950.2)	.0	.0	.	.0	.	.	.	.	.
Tranquillizers and other psychotropic agents (E950.3)	.4	.4	.5	.4	.5	.1	.2	.2	.2
Other specified drugs and medicaments (E950.4)	.3	.3	.3	.3	.3	.2	.2	.2	.2
Unspecified drug or medicament (E950.5)	.3	.2	.3	.3	.3	.	.	.	.
Agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E950.6)	.0	.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	.3	.	.3	.
Motor vehicle exhaust gas (E952.0)	.7	1.1	.3	1.3	.4	.3	.	.3	.
Other carbon monoxide (E952.1)	.2	.2	.1	.3	.1	.	.	.	.
Other specified gases and vapors (E952.8)	.	.	.	.	.	.	.	.	.
Unspecified gases and vapors (E952.9)	.	.	.	.	.	.	.	.	.
Suicide by hanging, strangulation, and suffocation (E953)	1.8	3.1	.6	3.1	.6	2.8	.5	2.5	.3
Hanging (E953.0)	1.6	2.9	.5	2.9	.5	2.7	.5	2.4	.3
Suffocation by plastic bag (E953.1)	.1	.1	.1	.1	.2

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Suicide by hanging, strangulation, and suffocation-Con.									
Other specified means (E953.8)	43	35	8	30	8	5	-	4	-
Unspecified means (E953.9)	54	36	18	35	16	1	2	1	1
Suicide by submersion (drowning) (E954)	405	254	151	203	127	51	24	49	15
Suicide by firearms and explosives (E955)	18,186	15,688	2,498	14,386	2,293	1,302	205	1,078	183
Handgun (E955.0)	3,120	2,544	576	2,362	542	182	34	148	23
Shotgun (E955.1)	2,310	2,151	159	1,999	147	152	12	135	11
Hunting rifle (E955.2)	941	890	51	829	47	61	4	25	4
Military firearms (E955.3)	6	6	-	5	-	1	-	1	-
Other and unspecified firearms (E955.4)	11,801	10,089	1,712	9,183	1,557	906	155	769	125
Explosives (E955.5)	3	3	-	3	-	-	-	-	-
Unspecified (E955.9)	5	5	-	5	-	-	-	-	-
Suicide by cutting and piercing instruments (E956)	418	340	78	304	65	36	13	24	7
Suicide by jumping from high place (E957)	712	482	230	392	191	90	39	71	28
Residential premises (E957.0)	330	207	123	158	100	49	23	37	18
Other manmade structures (E957.1)	282	207	75	180	68	27	7	23	4
Natural sites (E957.2)	20	13	7	12	7	1	-	-	-
Unspecified (E957.9)	80	55	25	42	16	13	9	11	6
Suicide by other and unspecified means (E958)	573	414	159	345	131	69	28	52	18
Jumping or lying before moving object (E958.0)	236	184	52	152	41	32	11	26	5
Burns, fire (E958.1)	164	110	54	89	41	21	13	14	11
Scald (E958.2)	1	-	1	-	1	-	-	-	-
Extremes of cold (E958.3)	3	-	3	-	3	-	-	-	-
Electrocution (E958.4)	18	12	6	9	6	3	-	2	-
Crashing of motor vehicle (E958.5)	64	41	23	38	22	3	1	2	-
Crashing of aircraft (E958.6)	1	1	-	1	-	-	-	-	-
Caustic substances, except poisoning (E958.7)	-	-	-	-	-	-	-	-	-
Other specified means (E958.8)	35	30	5	26	4	4	1	3	-
Unspecified means (E958.9)	51	36	15	30	13	6	2	5	2
Late effects of self-inflicted injury (E959)	11	5	6	5	6	-	-	-	-
Homicide (E960-E969)	22,578	17,366	5,212	8,127	2,965	9,239	2,247	8,789	2,069
Fight, brawl, rape (E960)	80	69	11	44	10	25	1	21	1
Unarmed fight or brawl (E960.0)	78	69	9	44	8	25	1	21	1
Rape (E960.1)	2	-	2	-	2	-	-	-	-
Assault by corrosive or caustic substance, except poisoning (E961)	1	1	-	1	-	-	-	-	-
Assault by poisoning (E962)	28	13	15	10	14	3	1	3	1
Drugs and medicaments (E962.0)	16	7	9	5	9	2	-	2	-
Other solid and liquid substances (E962.1)	3	1	2	1	2	-	-	-	-
Other gases and vapors (E962.2)	8	4	4	3	3	1	1	1	1
Unspecified poisoning (E962.9)	1	1	-	1	-	-	-	-	-
Assault by hanging and strangulation (E963)	945	266	679	186	409	80	270	69	244
Assault by submersion (drowning) (E964)	95	46	49	29	30	17	19	16	17
Assault by firearms and explosives (E965)	14,480	12,028	2,452	5,324	1,408	6,704	1,044	6,451	965
Handgun (E965.0)	1,194	931	263	433	164	498	99	473	85
Shotgun (E965.1)	1,138	905	233	471	146	434	87	408	79
Hunting rifle (E965.2)	188	139	49	104	40	35	9	29	7
Military firearms (E965.3)	3	3	-	1	-	2	-	2	-
Other and unspecified firearms (E965.4)	11,941	10,040	1,901	4,306	1,053	5,734	848	5,538	793
Antipersonnel bomb (E965.5)	1	1	-	-	-	1	-	1	-
Petrol bomb (E965.6)	-	-	-	-	-	-	-	-	-
Letter bomb (E965.7)	1	1	-	1	-	-	-	-	-
Other specified explosive (E965.8)	4	3	1	3	1	-	-	-	-
Unspecified explosive (E965.9)	10	5	5	5	4	-	1	-	1
Assault by cutting and piercing instrument (E966)	3,980	3,011	969	1,412	494	1,599	475	1,490	445
Child battering and other maltreatment (E967)	242	123	119	63	60	60	59	57	51
By parent (E967.0)	15	10	5	5	2	5	3	5	3
By other specified person (E967.1)	2	1	1	1	-	-	1	-	1
By unspecified person (E967.9)	225	112	113	57	58	55	55	52	47
Assault by other and unspecified means (E968)	2,671	1,760	911	1,036	535	724	376	655	343
Fire (E968.0)	240	138	102	73	38	65	64	57	58
Pushing from high place (E968.1)	27	13	14	8	5	5	9	4	9
Striking by blunt or thrown object (E968.2)	473	345	128	211	89	134	39	122	35
Hot liquid (E968.3)	13	8	5	4	1	4	4	4	4
Criminal neglect (E968.4)	40	23	17	11	9	12	8	10	8
Other specified means (E968.8)	868	576	292	344	179	232	113	211	101
Unspecified means (E968.9)	1,010	657	353	385	214	272	139	247	128
Late effects of injury purposely inflicted by other person (E969)	56	49	7	22	5	27	2	27	2
Legal intervention (E970-E978)	331	320	11	210	6	110	5	99	5
Injury due to legal intervention by firearms (E970)	305	295	10	197	5	98	5	88	5
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)	2	1	1	1	1	-	-	-	-
Injury due to legal intervention by cutting and piercing instruments (E974)	-	-	-	-	-	-	-	-	-
Injury due to legal intervention by other specified means (E975)	4	4	-	3	-	1	-	1	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						Male	Female	Male	Female
Legal intervention-Con.									
Injury due to legal intervention by unspecified means (E976)	3	3	-	-	-	3	-	2	-
Late effects of injuries due to legal intervention (E977)	1	1	-	1	-	-	-	-	-
Legal execution (E978)	16	16	-	8	-	8	-	8	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	2,686	1,942	744	1,402	559	540	185	490	172
Poisoning by solid or liquid substances, undetermined whether accidentally or purposely inflicted (E980)	1,286	883	403	609	308	274	95	260	88
Analgesics, antipyretics, and antirheumatics (E980.0)	430	315	115	189	79	126	36	123	35
Barbiturates (E980.1)	12	7	5	7	5	-	-	-	-
Other sedatives and hypnotics (E980.2)	4	3	1	1	1	2	-	2	-
Tranquilizers and other psychotropic agents (E980.3)	145	80	65	69	59	11	6	7	5
Other specified drugs and medicaments (E980.4)	449	308	141	217	102	91	39	88	37
Unspecified drug or medicament (E980.5)	196	132	64	96	54	36	10	35	10
Corrosive and caustic substances (E980.6)	2	2	-	2	-	-	-	-	-
Agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E980.7)	1	-	1	-	1	-	-	-	-
Arsenic and its compounds (E980.8)	-	-	-	-	-	-	-	-	-
Other and unspecified solid and liquid substances (E980.9)	47	36	11	28	7	8	4	5	1
Poisoning by gases in domestic use, undetermined whether accidentally or purposely inflicted (E981)	5	4	1	4	-	-	1	-	1
Gas distributed by pipeline (E981.0)	-	-	-	-	-	-	-	-	-
Liquefied petroleum gas distributed in mobile containers (E981.1)	4	4	-	4	-	-	-	-	-
Other utility gas (E981.8)	1	-	1	-	-	-	1	-	1
Poisoning by other gases, undetermined whether accidentally or purposely inflicted (E982)	122	84	38	76	36	8	2	7	2
Motor vehicle exhaust gas (E982.0)	75	52	23	48	23	4	-	4	-
Other carbon monoxide (E982.1)	33	21	12	19	11	2	1	1	1
Other specified gases and vapors (E982.8)	11	9	2	9	2	-	-	-	-
Unspecified gases and vapors (E982.9)	3	2	1	-	-	2	1	2	1
Hanging, strangulation, or suffocation, undetermined whether accidentally or purposely inflicted (E983)	73	56	17	47	14	9	3	5	2
Hanging (E983.0)	46	41	5	35	4	6	1	3	-
Suffocation by plastic bag (E983.1)	4	4	-	4	-	-	-	-	-
Other specified means (E983.8)	6	2	4	1	4	1	-	1	-
Unspecified means (E983.9)	17	9	8	7	6	2	2	1	2
Submersion (drowning), undetermined whether accidentally or purposely inflicted (E984)	245	191	54	129	43	62	11	57	9
Injury by firearms and explosives, undetermined whether accidentally or purposely inflicted (E985)	341	287	54	237	43	50	11	42	11
Handgun (E985.0)	59	47	12	40	11	7	1	6	1
Shotgun (E985.1)	19	16	3	13	3	3	-	2	-
Hunting rifle (E985.2)	9	8	1	7	1	1	-	1	-
Military firearms (E985.3)	1	-	1	-	-	-	1	-	1
Other and unspecified firearms (E985.4)	252	215	37	176	28	39	9	33	9
Explosives (E985.5)	1	1	-	1	-	-	-	-	-
Injury by cutting and piercing instruments, undetermined whether accidentally or purposely inflicted (E986)	13	12	1	7	1	5	-	5	-
Falling from high place, undetermined whether accidentally or purposely inflicted (E987)	77	53	24	37	12	16	12	11	11
Residential premises (E987.0)	34	17	17	12	8	5	9	3	8
Other man-made structures (E987.1)	25	21	4	14	2	7	2	6	2
Natural sites (E987.2)	7	6	1	6	1	-	-	-	-
Unspecified (E987.9)	11	9	2	5	1	4	1	2	1
Injury by other and unspecified means, undetermined whether accidentally or purposely inflicted (E988)	504	356	148	246	99	110	49	97	47
Jumping or lying before moving object (E988.0)	19	14	5	11	4	3	1	2	1
Burns, fire (E988.1)	69	46	23	25	18	21	5	19	5
Scald (E988.2)	4	2	2	1	1	1	1	1	1
Extremes of cold (E988.3)	5	4	1	2	1	2	-	2	-
Electrocution (E988.4)	3	2	1	2	1	-	-	-	-
Crashing of motor vehicle (E988.5)	7	4	3	4	3	-	-	-	-
Crashing of aircraft (E988.6)	5	5	-	4	-	1	-	1	-
Caustic substances, except poisoning (E988.7)	-	-	-	-	-	-	-	-	-
Other specified means (E988.8)	98	70	28	53	19	17	9	17	7
Unspecified means (E988.9)	294	209	85	144	52	65	33	55	33
Late effects of injury, undetermined whether accidentally or purposely inflicted (E989)	20	16	4	10	3	6	1	6	1
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)	-	-	-	-	-	-	-	-	-
Injury due to war operations by destruction of aircraft (E994)	-	-	-	-	-	-	-	-	-
Injury due to war operations by other and unspecified forms of conventional warfare (E995)	1	1	-	1	-	-	-	-	-

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Table 1-23. Deaths and Death Rates for Each Cause, by Race and Sex: United States, 1989—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			
	Both sexes	Male	Female	Male	Female	Total		Black	
						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)	1	1	-	-	-	1	-	1	-
Lasers (E997.0)	1	1	-	-	-	1	-	1	-
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)	12	12	-	11	-	1	-	1	-

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Table 1-24. Deaths From 282 Selected Causes, by Month: United States, 1989—Con.

(Page 4 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.
Bronchitis, chronic and unspecified, emphysema and asthma-Con.													
Asthma (493)	4,869	435	391	475	434	397	386	371	365	334	396	407	478
Bronchiectasis and extrinsic allergic alveolitis (494-495)	920	82	88	86	67	75	65	64	75	64	75	76	103
Chronic airways obstruction, not elsewhere classified (496)	59,329	5,989	5,896	5,936	4,975	4,581	4,328	4,211	4,210	4,065	4,556	4,703	5,879
Pneumoconiosis and other lung diseases due to external agents (500-508)	9,035	872	812	862	736	691	674	660	708	644	753	731	692
Empyema and abscess of lung and mediastinum (510,513)	934	102	94	83	89	77	55	89	57	77	57	69	85
Pleurisy (511)	830	82	68	69	70	71	73	58	67	56	68	67	81
All other diseases of respiratory system (512,514-519)	14,068	1,363	1,331	1,339	1,145	1,066	1,044	1,055	1,008	1,023	1,116	1,117	1,461
IX. Diseases of the digestive system (520-579)	76,121	7,035	6,546	6,622	6,194	6,280	5,923	5,936	6,085	6,004	6,283	6,364	6,849
Diseases of oral cavity, salivary glands, and jaws (520-529)	92	6	10	13	6	6	7	8	4	5	8	13	6
Diseases of other parts of the digestive system (530-579)	76,029	7,029	6,536	6,609	6,188	6,274	5,916	5,928	6,081	5,999	6,275	6,351	6,843
Ulcer of stomach and duodenum (531-533)	6,455	637	547	568	552	522	497	500	456	524	560	504	588
Gastric ulcer (531)	1,980	197	163	167	190	171	172	143	127	155	166	141	188
Duodenal ulcer (532)	2,228	212	193	212	179	169	160	181	168	192	197	174	191
Peptic ulcer, site unspecified (533)	2,247	228	191	189	183	182	165	176	161	177	197	189	209
Gastritis and duodenitis (535)	679	48	63	61	54	60	66	58	53	44	57	58	57
Appendicitis (540-543)	451	26	43	38	37	32	39	34	27	47	46	45	37
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,530	503	500	467	460	436	414	448	487	427	420	449	519
Regional enteritis and idiopathic proctocolitis (555-556)	636	62	61	45	58	64	55	47	43	54	53	45	49
All other noninfective gastroenteritis and colitis (557-558)	8,098	776	673	728	645	686	615	625	633	645	666	662	744
Diverticula of intestine (562)	3,089	269	264	292	244	279	242	234	231	272	240	224	298
Chronic liver disease and cirrhosis (571)	26,694	2,498	2,284	2,252	2,149	2,217	2,020	2,086	2,139	2,021	2,252	2,399	2,377
Chronic liver disease and cirrhosis, specified as													
alcoholic (571.0-571.3)	12,308	1,173	989	1,044	951	1,048	964	937	1,012	913	1,048	1,115	1,114
Chronic hepatitis and biliary cirrhosis (571.4,571.5)	1,180	123	85	94	111	94	105	90	92	85	102	103	96
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	13,206	1,202	1,210	1,114	1,087	1,075	951	1,059	1,035	1,023	1,102	1,181	1,167
Cholelithiasis and other disorders of gallbladder (574-575)	3,048	269	252	310	254	272	257	229	250	222	244	247	232
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	21,349	1,941	1,849	1,848	1,735	1,706	1,711	1,667	1,752	1,743	1,737	1,718	1,942
X. Diseases of the genitourinary system (580-629)	39,292	3,581	3,372	3,613	3,166	3,137	2,860	3,088	3,125	2,922	3,267	3,321	3,838
Diseases of urinary system (580-589)	38,300	3,500	3,275	3,521	3,091	3,055	2,781	3,014	3,061	2,857	3,173	3,235	3,737
Nephritis, nephrotic syndrome, and nephrosis (580-589)	21,118	1,998	1,856	1,943	1,707	1,736	1,575	1,633	1,622	1,540	1,722	1,781	2,005
Acute glomerulonephritis (580)	109	9	9	16	12	7	7	11	9	9	7	5	8
Nephrotic syndrome (581)	201	16	16	15	17	20	16	15	18	15	15	18	20
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,517	147	134	135	114	107	119	116	119	124	114	142	146
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	19,291	1,826	1,697	1,777	1,564	1,602	1,433	1,491	1,476	1,392	1,586	1,616	1,831
Infections of kidney (590)	1,414	99	105	144	119	113	108	123	108	113	118	112	152
Urinary calculus (592,594)	315	33	31	25	18	19	20	24	35	27	28	22	33
All other diseases of urinary system (591,593,595-599)	15,453	1,370	1,283	1,409	1,247	1,187	1,078	1,234	1,296	1,177	1,305	1,320	1,547
Diseases of male genital organs (600-608)	690	54	72	63	49	57	61	44	49	44	69	59	69
Hyperplasia of prostate (600)	449	30	42	39	36	35	34	32	31	27	46	43	54
Other diseases of male genital organs (601-608)	241	24	30	24	13	22	27	12	18	17	23	16	15
Diseases of female genital organs except breast (610-611)	36	3	1	4	-	3	2	3	1	5	4	6	4
Diseases of female genital organs except breast (614-629)	266	24	24	25	28	22	16	27	14	16	21	21	28
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	320	38	29	37	16	20	17	28	28	32	25	23	27
Pregnancy with abortive outcome (630-638)	50	5	3	8	1	5	3	7	3	8	2	5	-
Ectopic pregnancy (633)	34	3	3	6	1	4	2	5	1	5	1	3	-
Spontaneous abortion (634)	3	-	-	1	-	-	-	1	1	-	-	-	-
Legally induced abortion (635)	3	1	-	-	-	-	1	1	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	10	1	-	1	-	1	-	-	1	3	1	2	-
Direct obstetric causes (640-646,651-676)	241	29	24	26	14	13	12	18	24	20	21	16	24
Hemorrhage of pregnancy and childbirth (640-641,666)	43	7	5	3	2	3	1	3	4	6	3	3	3
Toxemia of pregnancy (642.4-642.9,643)	58	6	8	4	3	3	4	3	6	5	6	6	4
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	89	10	7	14	7	5	3	5	8	4	9	5	12
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	51	6	4	5	2	2	4	7	6	5	3	2	5
Indirect obstetric causes (647-648)	29	4	2	3	1	2	2	3	1	4	2	2	3
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	3,806	378	316	324	302	314	270	314	313	307	331	289	348
Infections of skin and subcutaneous tissue (680-686)	812	88	66	72	63	65	68	63	70	62	56	59	80
All other diseases of skin and subcutaneous tissue (690-709)	2,994	290	250	252	239	249	202	251	243	245	275	230	268
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	7,598	698	630	692	593	588	606	540	588	629	663	614	757
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1,780	169	145	184	152	157	137	118	153	130	150	124	161
Other arthropathies and related disorders (710-712,715-719)	3,507	314	276	313	269	273	286	244	258	307	320	295	352
Dorsopathies (720-724)	224	26	21	19	10	19	21	19	18	12	22	17	20
Rheumatism, excluding the back (725-729)	528	54	51	35	48	34	46	32	37	43	42	47	59
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	1,559	135	137	141	114	105	116	127	122	137	129	131	165

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Table 1-24. Deaths From 282 Selected Causes, by Month: United States, 1989—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.
XIV. Congenital anomalies (740-759)	12,897	1,112	1,048	1,125	990	1,064	1,073	1,044	1,119	1,032	1,099	1,070	1,121
Spina bifida (741)	157	17	15	13	10	10	15	11	14	17	8	16	11
All other congenital anomalies of nervous system (740,742) ..	1,566	127	125	166	107	126	119	132	140	119	121	133	151
Congenital anomalies of heart (745-746)	4,593	401	380	395	347	372	378	365	420	362	409	382	382
Other congenital anomalies of circulatory system (747)	1,145	93	104	98	103	99	103	79	99	92	88	87	100
All other congenital anomalies (743-744,748-759)	5,436	474	424	453	423	457	458	457	446	442	473	452	477
XV. Certain conditions originating in the perinatal period (760-779)	18,752	1,539	1,339	1,630	1,615	1,729	1,582	1,603	1,585	1,634	1,566	1,463	1,467
Birth trauma (767)	230	19	22	18	19	26	22	11	19	19	20	17	18
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	4,401	396	269	397	416	414	381	377	378	392	361	323	297
Other conditions originating in the perinatal period (760-766,770-779)	14,121	1,124	1,048	1,215	1,180	1,289	1,179	1,215	1,188	1,223	1,185	1,123	1,152
XVI. Symptoms, signs, and ill-defined conditions (780-799)	26,988	2,602	2,337	2,538	2,185	2,231	1,992	2,102	2,108	1,983	2,135	2,150	2,825
Senility without mention of psychosis (797)	1,274	128	113	94	105	101	89	89	119	90	114	91	141
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	25,714	2,474	2,224	2,444	2,080	2,130	1,903	2,013	1,989	1,893	2,021	2,059	2,484
Supplementary classification of external causes of injury and poisoning (E800-E999)	150,869	12,345	11,078	12,326	12,055	12,418	12,636	13,770	13,271	12,662	12,925	12,126	13,257
Accidents and adverse effects (E800-E949)	95,028	7,533	6,856	7,586	7,451	7,761	8,001	8,915	8,369	7,992	8,171	7,597	8,796
Transport accidents (E800-E848)	50,436	3,713	3,264	3,891	4,002	4,267	4,356	4,849	4,581	4,518	4,668	4,053	4,274
Railway accidents (E800-E807)	608	31	26	46	61	59	60	57	64	46	66	80	32
Motor vehicle accidents (E810-E825)	47,575	3,537	3,139	3,683	3,788	3,972	4,045	4,422	4,260	4,412	4,260	3,880	4,150
Motor vehicle traffic accidents (E810-E819)	46,586	3,451	3,061	3,605	3,694	3,887	3,961	4,324	4,200	4,189	4,331	3,810	4,073
Involving collision with train (E810)	720	50	66	47	55	37	32	64	47	57	90	86	89
Involving collision with another motor vehicle (E811-E812)	17,822	1,317	1,192	1,411	1,383	1,495	1,549	1,659	1,569	1,606	1,603	1,455	1,583
Involving collision with pedestrian (E814)	6,957	646	503	528	522	521	539	524	579	625	698	626	646
Involving collision with other vehicle or object (E813,E815)	7,293	515	494	608	616	625	579	724	701	677	654	506	592
Not involving collision on highway (E816-E818)	8,870	585	509	620	717	818	846	886	812	818	850	714	695
Motor vehicle traffic accident of unspecified nature (E819)	4,924	338	297	391	401	391	416	467	492	406	436	421	468
Motor vehicle nontraffic accidents (E820-E825)	989	86	78	78	94	85	84	98	87	71	81	70	77
Other road vehicle accidents (E826-E829)	219	9	11	16	17	26	24	21	27	28	19	12	9
Water transport accidents (E830-E838)	866	47	23	51	86	131	113	125	91	75	63	33	28
Air and space transport accidents (E840-E845)	1,123	85	58	92	49	77	109	218	109	106	105	64	51
Vehicle accidents not elsewhere classifiable (E846-E848) ..	45	4	7	3	1	2	5	6	3	3	3	4	4
Accidental poisoning (E850-E869)	6,524	598	567	548	504	504	527	540	527	503	500	573	633
Accidental poisoning by drugs, medicaments, and biologicals (E850-E859)	5,035	429	391	437	397	418	447	446	444	415	374	417	420
Accidental poisoning by other solid or liquid substances (E860-E866)	568	45	48	44	43	37	44	39	49	44	51	63	81
Accidental poisoning by gases and vapors (E867-E869)	921	124	128	67	64	49	36	55	34	44	75	93	152
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	2,850	226	236	248	233	246	258	223	252	228	219	230	251
Accidental falls (E880-E888)	12,151	1,069	970	1,010	979	970	917	1,028	988	975	1,083	1,045	1,117
Fall from one level to another (E880-E884)	3,062	234	179	209	214	242	265	304	307	284	316	263	245
Fall on same level (E885-E886)	476	45	47	60	34	39	25	27	40	36	35	34	54
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	8,613	790	744	741	731	689	627	697	641	655	732	748	818
Accidents caused by fire and flames (E890-E899)	4,716	564	573	490	385	295	206	196	233	257	298	392	827
Other accidents, including late effects (E900-E929) ..	18,209	1,343	1,242	1,387	1,335	1,466	1,726	2,072	1,776	1,501	1,392	1,290	1,679
Lightning (E907)	75	-	1	1	2	11	16	18	6	1	-	-	1
Accidental drowning and submersion (E910)	4,015	160	147	232	307	394	626	793	565	322	188	136	145
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3,578	320	293	309	287	275	281	275	303	312	305	270	348
Accident caused by handgun (E922.0)	231	18	16	14	15	22	17	24	21	20	21	21	22
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1,258	83	98	85	111	86	103	122	109	88	108	138	127
Accident caused by explosive material (E923)	238	13	10	20	18	19	16	32	12	26	32	19	21
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	142	17	12	12	10	11	9	12	17	17	11	6	8
Accident caused by electric current (E925)	702	29	29	46	39	63	99	98	98	96	50	27	28
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	7,970	703	636	668	546	585	559	698	633	614	676	673	979
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	142	20	4	12	13	13	11	7	12	10	11	14	15
Suicide (E950-E959)	30,232	2,663	2,367	2,672	2,550	2,633	2,598	2,570	2,631	2,396	2,499	2,384	2,269
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	2,988	246	208	265	253	293	275	271	272	209	241	233	222
Suicide by other solid or liquid substances (E950.6-E950.9)	227	18	22	20	16	16	25	15	19	23	22	16	15
Suicide by gases and vapors (E951-E952)	2,228	212	195	216	211	202	166	167	164	174	207	173	141
Suicide by hanging, strangulation, and suffocation (E953)	4,484	362	339	393	377	405	407	385	385	384	364	355	328
Suicide by handgun (E955.0)	3,120	272	243	293	256	253	257	268	289	259	230	283	237
Suicide by all other and unspecified firearms (E955.1-E955.4)	15,058	1,380	1,205	1,290	1,274	1,248	1,269	1,270	1,311	1,169	1,253	1,187	1,202
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	2,127	173	155	195	163	216	199	194	191	178	182	157	124
Homicide and legal intervention (E960-E978)	22,909	1,942	1,647	1,829	1,830	1,801	1,830	2,020	2,011	2,036	2,017	1,953	1,993
Assault by handgun (E965.0)	1,194	91	78	119	95	104	85	102	110	109	109	99	83

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Table 1-24. Deaths From 282 Selected Causes, by Month: United States, 1989—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)	13,270	1,108	953	1,035	1,002	1,051	1,021	1,189	1,152	1,146	1,208	1,174	1,231
Assault by cutting and piercing instrument (E966)	3,980	325	311	304	340	305	366	338	361	358	325	321	326
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	4,134	392	282	343	373	304	326	361	360	391	349	334	319
Legal execution (E978)	16	2	-	1	-	4	3	1	2	1	-	1	1
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	315	24	23	27	20	33	29	29	26	31	26	24	23
Injury undetermined whether accidentally or purposely inflicted (E980-E989)													
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	2,686	205	208	237	222	223	206	263	258	237	238	191	198
From poisoning by other solid or liquid substances (E980.6-E980.9)	1,236	80	94	112	98	102	93	126	117	128	102	91	93
From injury by handgun (E985.0)	50	1	4	4	1	2	4	5	8	7	4	1	9
From injury by handgun (E985.0)	59	7	6	4	6	6	4	4	3	3	5	6	5
From injury by all other and unspecified firearms (E985.1-E985.4)	281	25	17	29	27	21	18	23	32	12	31	25	21
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	1,060	92	87	88	90	92	87	105	98	87	96	68	70
Injury resulting from operations of war (E990-E999)	14	2	-	2	2	-	1	2	2	1	-	1	1

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989

(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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	2,150,466	1,853,841	267,642	39,006	28,528	10,441	2,095	1,445	55	28,212	26,203	761
I. Infectious and parasitic diseases (001-139)	52,851	39,148	12,926	667	390	277	38	24	1	582	514	27
Intestinal infectious diseases (001-009)	463	345	104	9	6	3	1	-	-	5	5	-
Cholera and typhoid and paratyphoid fevers (001-002)	1	1	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	16	9	5	2	1	1	-	-	-	1	1	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	103	80	20	4	2	2	1	-	-	-	-	-
Amebiasis (006)	4	3	1	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	174	152	20	2	2	-	-	-	-	3	3	-
Ill-defined intestinal infections (009)	185	100	58	1	1	-	-	-	-	1	1	-
Tuberculosis (010-018)	1,970	1,152	707	43	21	22	1	-	-	23	16	-
Tuberculosis of respiratory system (010-012)	1,536	927	533	30	18	12	-	-	-	22	15	-
Other tuberculosis (013-018)	434	225	174	13	3	10	1	-	-	1	1	-
Zoonotic and other bacterial diseases (020-041)	20,551	16,562	3,746	349	213	136	13	8	-	217	193	7
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	12	10	2	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	17	16	1	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	273	214	50	1	1	-	3	1	-	2	1	-
Tetanus (037)	9	7	2	1	-	1	-	-	-	-	-	-
Septicemia (038)	19,333	15,557	3,555	339	208	131	10	7	-	193	170	7
All other bacterial diseases (020-022,024-031,039-041)	907	758	136	8	4	4	-	-	-	22	22	-
Viral diseases (*042-*044,045-079)	25,182	17,677	7,191	198	110	88	16	10	1	251	234	9
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	32	18	11	-	-	-	-	-	-	-	-	-
Rubella (056)	4	4	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	1	1	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	1,516	1,232	206	28	20	8	4	2	-	27	26	-
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	23,629	16,422	6,974	170	90	80	12	8	1	224	208	9
Rickettsioses and other arthropod-borne diseases (080-088)	29	23	5	1	1	-	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	11	9	2	1	1	-	-	-	-	-	-	-
Malaria (084)	11	8	2	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	7	6	1	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	113	52	59	1	-	1	-	-	-	2	1	-
Syphilis (090-097)	105	47	56	1	-	1	-	-	-	2	1	-
Cardiovascular syphilis (093)	14	7	6	-	-	-	-	-	-	1	-	-
Neurosyphilis (094)	47	20	26	1	-	1	-	-	-	1	1	-
All other syphilis (090-091,095-097)	44	20	24	-	-	-	-	-	-	-	-	-
Gonococcal infections (098)	4	2	2	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	4	3	1	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	4,543	3,337	1,114	66	39	27	7	6	-	84	65	11
Mycoses (110-118)	2,389	1,862	475	40	28	12	2	2	-	59	45	8
Helminthiasis (120-129)	39	31	6	-	-	-	-	-	-	1	1	-
Late effects of tuberculosis (137)	195	160	25	3	1	2	-	-	-	6	5	-
Late effects of acute poliomyelitis (138)	162	159	3	-	-	-	-	-	-	1	1	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	1,758	1,125	605	23	10	13	5	4	-	17	13	3
II. Neoplasms (140-239)	502,853	440,014	56,306	8,721	6,605	2,103	445	334	15	6,548	6,262	131
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	496,152	434,156	55,564	8,608	6,518	2,077	440	329	15	6,458	6,175	131
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	8,104	6,699	1,251	148	111	35	7	2	-	98	92	3
Of lip (140)	108	104	3	3	3	-	-	-	-	1	1	-
Of tongue (141)	1,904	1,574	309	31	21	10	1	1	-	23	22	-
Of pharynx (146-149.0)	3,828	3,055	658	69	55	12	6	1	-	50	45	3
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	2,264	1,960	281	45	32	13	-	-	-	24	24	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	119,663	102,769	14,698	1,868	1,327	536	99	71	3	1,532	1,453	29
Of esophagus (150)	9,637	7,469	2,047	141	76	65	7	5	1	103	100	3
Of stomach (151)	14,186	11,449	2,249	223	140	81	13	7	-	161	145	5
Of small intestine, including duodenum (152)	691	767	115	16	11	5	4	4	-	9	9	-
Of colon (153)	48,612	43,012	5,048	738	563	175	41	33	2	568	553	10
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	300	275	19	2	1	1	-	-	-	2	2	-
Descending colon (153.2)	242	207	26	3	2	1	-	-	-	3	3	-
Sigmoid colon (153.3)	1,215	1,088	104	7	5	2	-	-	-	11	11	-
Cecum, appendix, and ascending colon (153.4-153.6)	1,843	1,660	163	17	15	2	2	2	-	16	16	-
Other and colon, unspecified (153.8-153.9)	45,012	39,782	4,736	709	540	169	39	31	2	536	521	10
Of rectum, rectosigmoid junction, and anus (154)	7,649	6,795	720	109	76	33	2	2	-	94	90	-
Of liver and intrahepatic bile ducts (155)	7,989	6,511	1,042	147	109	36	12	5	-	113	101	3
Liver, primary (155.0)	3,666	2,875	512	61	41	18	7	4	-	46	40	1
Intrahepatic bile ducts (155.1)	1,231	1,116	77	23	22	1	2	1	-	22	22	-
Liver, not specified as primary or secondary (155.2)	3,091	2,520	453	63	46	17	3	-	-	45	39	2
Of gallbladder and extrahepatic bile ducts (156)	4,031	3,627	317	50	36	14	2	1	-	55	42	2
Of pancreas (157)	24,543	21,236	2,954	422	298	123	17	13	-	382	366	6
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	2,126	1,903	206	22	18	4	1	1	-	47	47	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	142,281	125,274	15,528	2,609	2,127	478	134	103	6	1,804	1,756	32
Of larynx (161)	3,729	3,037	666	53	38	15	2	2	-	43	41	2
Of trachea, bronchus, and lung (162)	137,150	121,023	14,703	2,541	2,079	458	130	99	6	1,742	1,697	30
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	1,402	1,214	159	15	10	5	2	2	-	19	18	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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	White	Black	All races	White	Black	All races	White	Black	All races	White	Black
Malignant neoplasms, etc.—Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	55,559	49,781	5,215	871	676	195	63	51	2	722	684	23
Of bone and articular cartilage (170)	1,074	946	107	20	17	3	3	1	—	11	11	—
Of connective and other soft tissue (171)	2,997	2,601	348	44	31	13	1	1	—	43	41	1
Melanoma of skin (172)	6,161	6,027	109	121	115	6	10	9	—	103	102	—
Other malignant neoplasms of skin (173)	2,189	1,954	213	34	28	6	1	1	—	29	27	2
Of female breast (174)	42,837	37,988	4,403	646	480	166	48	39	2	533	500	20
Of male breast (175)	301	265	35	6	5	1	—	—	—	3	3	—
Malignant neoplasms of genital organs (179-187)	54,952	46,572	7,762	975	621	352	39	30	3	671	638	16
Of cervix uteri (180)	4,487	3,321	1,049	116	53	61	8	5	1	37	33	1
Of other parts of uterus (179,181-182)	5,867	4,920	873	96	58	38	3	3	—	49	49	—
Of ovary and other uterine adnexa (183)	12,431	11,389	901	209	169	40	12	11	—	142	133	4
Of other and unspecified female genital organs (184)	1,026	915	99	20	13	7	1	1	—	8	8	—
Of prostate (185)	30,520	25,469	4,785	521	318	203	14	10	2	428	408	11
Of testis (186)	392	359	28	7	6	1	1	—	—	6	6	—
Of penis and other male genital organs (187)	229	199	27	6	4	2	—	—	—	1	1	—
Malignant neoplasms of urinary organs (188-189)	20,233	18,307	1,741	283	224	59	20	14	—	279	266	5
Of bladder (188)	10,121	9,193	853	123	99	24	11	7	—	137	136	1
Of kidney and other and unspecified urinary organs (189)	10,112	9,114	888	160	125	35	9	7	—	142	130	4
Malignant neoplasms of other and unspecified sites (190-199)	48,609	42,854	5,134	1,129	868	261	46	33	1	707	675	10
Of eye (190)	251	233	16	1	1	—	—	—	—	2	2	—
Of brain (191)	10,818	10,090	605	173	156	17	16	16	—	135	130	1
Of other and unspecified parts of nervous system (192)	317	282	29	6	4	2	—	—	—	4	4	—
Of thyroid gland and other endocrine glands and related structures (193-194)	1,661	1,451	175	23	16	7	3	2	—	26	26	—
Of all other and unspecified sites (195-199)	35,567	30,798	4,309	926	691	235	27	15	1	540	513	9
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	46,751	41,906	4,235	725	564	161	32	25	—	645	611	13
Lymphosarcoma and reticulosarcoma (200)	2,317	2,168	118	25	19	6	4	1	—	26	25	—
Hodgkin's disease (201)	1,721	1,593	173	21	17	4	2	2	—	23	22	—
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	15,880	14,665	1,017	249	212	37	15	13	—	229	218	5
Multiple myeloma and immunoproliferative neoplasms (203)	8,587	7,106	1,387	152	92	60	2	2	—	112	107	1
Leukemia (204-208)	18,246	16,434	1,540	278	224	54	9	7	—	255	239	7
Lymphoid leukemia (204)	5,390	4,867	468	89	74	15	4	3	—	87	83	2
Myeloid leukemia (205)	7,477	6,721	626	129	106	23	3	2	—	81	73	4
Monocytic leukemia (206)	278	254	20	1	1	—	—	—	—	3	3	—
Other and unspecified leukemia (207-208)	5,101	4,592	426	59	43	16	2	2	—	84	80	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6,701	5,858	742	113	87	26	5	5	—	90	87	—
Benign neoplasms (210-229)	1,456	1,195	231	21	13	8	—	—	—	20	19	—
Of female genital organs (218-221)	24	16	8	—	—	—	—	—	—	—	—	—
Of eye, brain, and other parts of nervous system (224-225)	922	774	133	11	9	2	—	—	—	10	10	—
Of all other and unspecified sites (210-217,222-223,226-229)	510	405	90	10	4	6	—	—	—	10	9	—
Carcinoma in situ (230-234)	10	10	—	1	1	—	—	—	—	—	—	—
Of breast and genitourinary system (233)	5	5	—	1	1	—	—	—	—	—	—	—
Of all other and unspecified sites (230-232,234)	5	5	—	—	—	—	—	—	—	—	—	—
Neoplasms of uncertain behavior (235-238)	1,662	1,503	136	25	19	6	3	3	—	26	26	—
Neoplasms of unspecified nature (239)	3,573	3,150	375	66	54	12	2	2	—	44	42	—
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	62,686	51,180	10,503	1,011	615	396	46	33	4	800	697	25
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	59,640	48,609	10,060	951	580	371	44	32	4	753	653	25
Disorders of thyroid gland (240-246)	887	745	134	20	14	6	—	—	—	10	10	—
Diabetes mellitus (250)	46,833	38,053	7,955	729	436	293	33	23	4	613	522	22
Disorders of the pituitary gland and its hypothalamic control (253)	198	169	25	3	2	1	—	—	—	3	3	—
Diseases of thymus gland (254)	10	7	2	—	—	—	—	—	—	—	—	—
Disorders of adrenal glands (255)	219	193	24	5	4	1	1	1	—	1	1	—
Cystic fibrosis (277.0)	428	404	23	8	8	—	1	1	—	7	7	—
Obesity (278.0)	1,339	1,030	296	18	7	11	1	1	—	17	15	1
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	9,726	8,008	1,601	168	109	59	8	6	—	102	95	2
Nutritional deficiencies (260-269)	3,046	2,571	443	60	35	25	2	1	—	47	44	—
Nutritional marasmus (261)	308	238	65	8	4	4	—	—	—	7	5	—
Other protein-calorie malnutrition (262-263)	2,525	2,157	345	47	30	17	2	1	—	35	35	—
All other nutritional deficiencies (260,264-269)	213	176	33	5	1	4	—	—	—	5	4	—
IV. Diseases of blood and blood-forming organs (280-289)	8,590	7,067	1,401	129	84	45	5	2	—	100	90	6
Anemias (280-285)	3,993	3,089	852	69	35	34	—	—	—	44	39	4
Deficiency anemias (280-281)	273	239	32	11	6	5	—	—	—	2	2	—
Hemolytic anemias (282-283)	810	358	438	18	3	15	—	—	—	7	5	2
Aplastic anemia (284)	1,282	1,144	114	15	12	3	—	—	—	19	19	—
Other and unspecified anemias (285)	1,628	1,348	268	25	14	11	—	—	—	16	13	2
Purpura and other hemorrhagic conditions (287)	754	631	100	9	7	2	—	—	—	7	5	1
All other diseases of blood and blood-forming organs (286,288-289)	3,843	3,347	449	51	42	9	5	2	—	49	46	1
V. Mental disorders (290-319)	25,192	21,146	3,694	490	354	136	45	26	1	337	292	5
Senile and presenile organic psychotic conditions (290)	8,101	7,504	540	114	90	24	8	7	1	91	89	—
Alcoholic psychoses (291)	403	276	113	9	1	8	1	—	—	4	3	—
All other psychoses (292-299)	3,668	3,309	320	51	35	16	6	4	—	37	33	2
Alcohol dependence syndrome (303)	4,936	3,352	1,448	89	49	40	9	4	—	109	78	3
Drug dependence (304)	515	326	183	—	—	—	—	—	—	13	13	—
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	7,173	6,038	1,042	224	177	47	21	11	—	82	75	—
Mental retardation (317-319)	396	341	48	3	2	1	—	—	—	1	1	—

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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	United States			Alabama			Alaska			Arizona		
	All races †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	76,121	65,175	9,646	1,311	987	323	85	58	2	1,076	949	20
Diseases of oral cavity, salivary glands, and jaws (520-529)	92	72	18	2	1	1	-	-	-	4	4	-
Diseases of other parts of the digestive system (530-579)	76,029	65,103	9,628	1,309	986	322	85	58	2	1,072	945	20
Ulcer of stomach and duodenum (531-533)	6,455	5,664	665	109	80	29	8	5	-	81	78	1
Gastric ulcer (531)	1,980	1,687	246	32	21	11	4	3	-	20	19	-
Duodenal ulcer (532)	2,228	1,985	205	41	33	8	3	1	-	35	34	-
Peptic ulcer, site unspecified (533)	2,247	1,992	214	36	26	10	1	1	-	26	25	1
Gastritis and duodenitis (535)	679	579	89	7	5	2	-	-	-	8	8	-
Appendicitis (540-543)	451	354	89	15	11	4	-	-	-	3	3	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,530	4,791	683	103	78	25	6	3	-	64	61	1
Regional enteritis and idiopathic proctocolitis (555-556)	636	600	31	9	9	-	-	-	-	7	7	-
All other noninfective gastroenteritis and colitis (557-559)	8,098	7,265	764	140	110	30	5	3	-	95	91	2
Diverticula of intestine (562)	3,089	2,836	240	55	44	11	1	1	-	40	39	-
Chronic liver disease and cirrhosis (571)	26,694	22,211	3,851	364	276	87	45	32	-	441	356	11
Chronic liver disease and cirrhosis, specified as												
alcoholic (571.0-571.3)	12,308	9,689	2,254	138	88	50	31	21	-	204	149	5
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	1,180	1,047	92	20	15	5	-	-	-	14	14	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	13,206	11,475	1,505	206	173	32	14	11	-	223	193	6
Cholelithiasis and other disorders of gallbladder (574-575)	3,048	2,738	255	79	64	15	-	-	-	35	31	-
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	21,349	18,065	2,961	428	309	119	20	14	2	298	271	5
X. Diseases of the genitourinary system (580-629)	39,292	31,552	7,185	912	545	367	14	10	-	508	456	15
Diseases of urinary system (580-599)	38,300	30,746	7,008	886	529	357	14	10	-	503	451	15
Nephritis, nephrotic syndrome, and nephrosis (580-589)	21,118	16,607	4,166	480	277	213	9	6	-	270	240	7
Acute glomerulonephritis (580)	109	92	16	1	1	-	-	-	-	-	-	-
Nephrotic syndrome (581)	201	149	50	3	-	3	-	-	-	1	1	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,517	1,201	295	15	9	6	-	-	-	9	7	-
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	19,291	15,165	3,805	471	267	204	9	6	-	260	232	7
Infections of kidney (590)	1,414	1,203	194	54	35	19	-	-	-	31	28	1
Urinary calculus (592,594)	315	279	34	5	4	1	-	-	-	3	3	-
All other diseases of urinary system (591,593,595-599)	15,453	12,657	2,614	337	213	124	5	4	-	199	180	7
Diseases of male genital organs (600-608)	690	573	111	16	12	4	-	-	-	4	4	-
Hyperplasia of prostate (600)	449	375	70	14	10	4	-	-	-	2	2	-
Other diseases of male genital organs (601-608)	241	198	41	2	2	-	-	-	-	2	2	-
Disorders of breast (610-611)	36	27	9	-	-	-	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	266	206	57	10	4	6	-	-	-	1	1	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	320	180	124	8	4	4	-	-	-	5	4	1
Pregnancy with abortive outcome (630-638)	50	21	26	1	-	1	-	-	-	2	2	-
Ectopic pregnancy (633)	34	14	19	-	-	-	-	-	-	1	1	-
Spontaneous abortion (634)	3	1	-	-	-	-	-	-	-	-	-	-
Legally induced abortion (635)	3	1	2	-	-	-	-	-	-	-	-	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	10	5	5	1	-	1	-	-	-	1	1	-
Direct obstetric causes (640-646,651-676)	241	144	85	7	4	3	-	-	-	3	2	1
Hemorrhage of pregnancy and childbirth (640-641,666)	43	30	10	-	-	-	-	-	-	2	1	1
Toxemia of pregnancy (642.4-642.9,643)	58	29	27	3	1	2	-	-	-	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	89	60	26	3	2	1	-	-	-	1	1	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	51	25	22	1	1	-	-	-	-	-	-	-
Indirect obstetric causes (647-648)	29	15	13	-	-	-	-	-	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	3,806	2,739	1,019	96	41	55	1	-	-	39	34	3
Infections of skin and subcutaneous tissue (680-686)	812	671	128	15	9	6	-	-	-	6	4	2
All other diseases of skin and subcutaneous tissue (690-709)	2,994	2,068	891	81	32	49	1	-	-	33	30	1
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	7,598	6,327	1,144	170	118	52	8	8	-	108	94	3
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1,780	1,654	99	35	31	4	2	2	-	31	29	-
Other arthropathies and related disorders (710-712,715-719)	3,507	2,696	735	84	56	28	2	2	-	46	40	3
Dorsopathies (720-724)	224	186	34	6	4	2	1	1	-	5	5	-
Rheumatism, excluding the back (725-729)	528	409	112	13	7	6	2	2	-	8	6	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	1,559	1,382	164	32	20	12	1	1	-	18	14	-
XIV. Congenital anomalies (740-759)	12,897	10,291	2,179	257	170	86	27	20	1	223	188	13
Spina bifida (741)	157	139	13	3	3	-	-	-	-	3	1	1
All other congenital anomalies of nervous system (740,742)	1,566	1,261	250	27	16	11	7	5	-	27	24	1
Congenital anomalies of heart (745-746)	4,593	3,671	764	88	63	25	9	5	1	86	71	7
Other congenital anomalies of circulatory system (747)	1,145	896	223	35	21	14	1	1	-	24	20	1
All other congenital anomalies (743-744,748-759)	5,436	4,324	929	104	67	36	10	9	-	83	72	3

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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	United States			Alabama			Alaska			Arizona		
	All races †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	18,752	11,306	6,955	364	165	197	38	18	3	247	201	28
Birth trauma (767)	230	154	71	1	-	1	1	1	-	3	2	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	4,401	2,883	1,396	111	56	55	7	5	-	38	31	4
Other conditions originating in the perinatal period (760-766,770-779)	14,121	8,269	5,498	252	109	141	30	12	3	206	168	24
XVI. Symptoms, signs, and ill-defined conditions (780-799)	26,988	20,597	5,835	820	513	305	51	26	3	269	221	15
Senility without mention of psychosis (797)	1,274	1,108	153	44	33	11	1	1	-	26	18	1
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	25,714	19,489	5,682	776	480	294	50	25	3	243	203	14
Supplementary classification of external causes of injury and poisoning (E800-E999)	150,869	119,844	27,183	3,254	2,250	999	496	320	11	2,645	2,219	98
Accidents and adverse effects (E800-E949)	95,028	79,139	13,404	2,208	1,589	615	372	256	7	1,631	1,332	49
Transport accidents (E800-E848)	50,436	42,999	5,874	1,188	912	273	171	128	4	908	726	24
Railway accidents (E800-E807)	608	476	112	12	5	7	-	-	-	15	10	2
Motor vehicle accidents (E810-E825)	47,575	40,491	5,611	1,136	876	259	93	69	1	861	685	22
Motor vehicle traffic accidents (E810-E819)	46,586	39,620	5,541	1,126	869	256	78	64	1	840	672	21
Involving collision with train (E810)	720	648	68	23	20	3	-	-	-	6	6	-
Involving collision with another motor vehicle (E811-E812)	17,822	15,626	1,720	399	319	80	23	19	-	298	256	6
Involving collision with pedestrian (E814)	6,957	5,292	1,352	99	67	32	9	3	-	148	100	7
Involving collision with other vehicle or object (E813,E815)	7,293	6,254	881	80	56	24	6	6	-	71	64	3
Not involving collision on highway (E816-E818)	8,870	7,597	914	338	260	77	19	19	-	219	174	3
Motor vehicle traffic accident of unspecified nature (E819)	4,824	4,203	606	187	147	40	21	17	1	98	72	2
Motor vehicle nontraffic accidents (E820-E825)	989	871	70	10	7	3	15	5	-	21	13	1
Other road vehicle accidents (E826-E829)	219	200	9	4	4	-	-	-	-	5	4	-
Water transport accidents (E830-E838)	866	711	123	18	13	3	50	31	3	7	7	-
Air and space transport accidents (E840-E845)	1,123	1,079	17	18	14	4	28	28	-	20	20	-
Vehicle accidents not elsewhere classifiable (E846-E848)	45	42	2	-	-	-	-	-	-	-	-	-
Accidental poisoning (E850-E869)	6,524	5,043	1,390	74	45	29	21	18	-	132	118	4
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	5,035	3,862	1,117	41	29	12	14	12	-	108	101	4
Accidental poisoning by other solid or liquid substances (E860-E866)	568	416	136	8	6	2	-	-	-	9	6	-
Accidental poisoning by gases and vapors (E867-E869)	921	765	137	25	10	15	7	6	-	15	11	-
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	2,850	2,354	469	91	58	33	2	2	-	47	44	2
Accidental falls (E880-E888)	12,151	10,961	1,009	205	175	30	11	6	-	172	157	1
Fall from one level to another (E880-E884)	3,062	2,692	313	35	30	5	5	3	-	39	37	1
Fall on same level (E885-E886)	476	444	26	3	2	1	-	-	-	3	3	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	8,613	7,825	670	167	143	24	6	3	-	130	117	-
Accidents caused by fire and flames (E890-E899)	4,716	3,159	1,467	136	58	78	16	12	-	44	36	2
Other accidents, including late effects (E900-E929)	18,209	14,510	3,167	513	340	172	150	89	3	326	249	16
Lightning (E907)	75	70	3	2	1	1	-	-	-	1	-	-
Accidental drowning and submersion (E910)	4,015	3,046	797	90	51	39	28	16	-	98	80	7
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3,578	2,903	617	87	52	35	17	8	1	31	23	1
Accident caused by handgun (E922.0)	231	195	31	6	5	1	1	-	-	12	12	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1,258	958	245	39	32	7	43	29	-	16	13	-
Accident caused by explosive material (E923)	238	216	19	3	3	-	1	1	-	5	4	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	142	112	27	5	-	5	-	-	-	1	1	-
Accident caused by electric current (E925)	702	622	70	17	16	1	1	1	-	12	9	1
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	7,970	6,388	1,358	264	180	83	59	34	2	150	107	7
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	142	113	28	1	1	-	1	1	-	2	2	-
Suicide (E950-E959)	30,232	27,424	2,153	506	443	62	89	49	2	671	628	12
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	2,988	2,774	164	35	31	4	5	2	-	71	68	3
Suicide by other solid or liquid substances (E950.6-E950.9)	227	195	23	4	4	-	-	-	-	1	-	-
Suicide by gases and vapors (E951-E952)	2,228	2,154	53	12	12	-	8	5	1	45	44	-
Suicide by hanging, strangulation, and suffocation (E953)	4,484	3,853	408	40	28	11	10	6	-	73	59	-
Suicide by handgun (E955.0)	3,120	2,904	171	100	81	19	11	8	-	177	174	2
Suicide by all other and unspecified firearms (E955.1-E955.4)	15,058	13,767	1,070	297	274	23	53	27	1	277	260	5
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	2,127	1,777	264	18	13	5	2	1	-	27	22	2
Homicide and legal intervention (E960-E978)	22,909	11,308	10,962	512	197	315	34	14	2	323	245	36
Assault by handgun (E965.0)	1,194	597	558	95	24	71	4	3	-	17	15	2
Assault by all other and unspecified firearms (E965.1-E965.4)	13,270	6,121	6,856	247	104	143	19	8	1	147	122	21
Assault by cutting and piercing instrument (E966)	3,980	1,906	1,935	92	26	66	8	3	-	67	42	7
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	4,134	2,468	1,509	70	41	29	1	-	-	79	56	6
Legal execution (E978)	16	8	8	4	-	4	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	315	208	96	4	2	2	2	-	1	13	10	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	2,686	1,961	662	27	20	7	1	1	-	20	14	1
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	1,236	879	342	4	3	1	1	1	-	5	5	-
From poisoning by other solid or liquid substances (E980.6-E980.9)	50	38	6	-	-	-	-	-	-	1	-	-
From injury by handgun (E985.0)	59	51	7	4	3	1	-	-	-	2	2	-
From injury by all other and unspecified firearms (E985.1-E985.4)	281	228	46	9	8	1	-	-	-	5	3	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	1,050	765	261	10	6	4	-	-	-	7	4	1
Injury resulting from operations of war (E990-E999)	14	12	2	1	1	-	-	-	-	-	-	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	24,647	20,553	4,052	216,619	189,464	17,713	21,144	20,202	745	28,243	26,251	1,887
I. Infectious and parasitic diseases (001-139)	465	358	107	6,594	5,521	802	510	466	37	760	586	171
Intestinal infectious diseases (001-009)	8	2	6	66	50	11	7	6	-	6	6	-
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	1	-	1	3	1	1	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	3	2	1	12	11	1	3	3	-	2	2	-
Amebiasis (006)	-	-	-	2	2	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	2	-	2	20	19	1	2	1	-	2	2	-
Ill-defined intestinal infections (009)	-	-	2	29	17	8	2	2	-	2	2	-
Tuberculosis (010-018)	30	20	10	236	157	36	15	14	-	12	7	5
Tuberculosis of respiratory system (010-012)	25	16	9	176	122	26	11	10	-	7	5	2
Other tuberculosis (013-018)	5	4	1	60	35	10	4	4	-	5	2	3
Zoonotic and other bacterial diseases (020-041)	297	233	64	940	782	107	169	177	10	396	348	48
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	1	1	-	-	-	-	1	1	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	3	3	-	-	-	-	-	-	-
Meningococcal infection (036)	4	4	-	76	52	21	1	1	-	6	6	-
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	280	218	62	758	641	75	181	169	10	382	335	47
All other bacterial diseases (020-022,024-031,039-041)	13	11	2	102	85	11	7	7	-	7	6	1
Viral diseases (*042-*044,045-079)	89	70	19	4,833	4,117	583	252	227	23	291	178	110
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	11	5	3	-	-	-	1	-	1
Rubella (056)	-	-	-	1	1	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	13	9	4	268	207	21	19	19	-	20	16	2
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	76	61	15	4,553	3,904	559	233	208	23	270	162	107
Rickettsioses and other arthropod-borne diseases (080-088)	2	2	-	-	-	-	1	1	-	-	-	-
Typhus and other rickettsioses (080-083)	1	1	-	-	-	-	-	-	-	-	-	-
Malaria (084)	1	1	-	-	-	-	1	1	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	1	1	-	9	5	3	1	1	-	2	2	-
Syphilis (090-097)	1	1	-	9	5	3	1	1	-	2	2	-
Cardiovascular syphilis (093)	1	1	-	1	1	-	-	-	-	-	-	-
Neurosyphilis (094)	-	-	-	5	3	1	1	1	-	2	2	-
All other syphilis (090-091,095-097)	-	-	-	3	1	2	-	-	-	-	-	-
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	38	30	8	510	410	62	45	40	4	53	45	8
Mycoses (110-118)	22	19	3	279	229	30	20	19	-	23	20	3
Helminthiasis (120-129)	1	1	-	10	10	-	-	-	-	-	-	-
Late effects of tuberculosis (137)	4	4	-	20	16	-	3	3	-	1	1	-
Late effects of acute poliomyelitis (138)	1	1	-	22	22	-	1	1	-	4	4	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	10	5	5	179	133	32	21	17	4	25	20	5
II. Neoplasms (140-239)	5,591	4,734	851	48,824	42,916	3,559	4,763	4,551	168	7,236	6,816	399
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5,526	4,682	838	48,165	42,337	3,512	4,705	4,497	165	7,135	6,718	396
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	63	55	8	870	727	77	61	57	2	125	111	12
Of lip (140)	-	-	-	5	5	-	2	2	-	2	2	-
Of tongue (141)	7	7	-	232	207	19	11	11	-	31	30	1
Of pharynx (146-149.0)	35	31	4	419	330	39	27	25	2	62	52	8
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	21	17	4	214	185	19	21	19	-	30	27	3
Malignant neoplasms of digestive organs and peritoneum (150-159)	1,291	1,046	243	11,547	9,833	900	1,200	1,135	47	1,842	1,731	107
Of esophagus (150)	80	55	25	898	761	92	92	88	3	164	145	19
Of stomach (151)	138	94	44	1,537	1,210	140	142	130	6	217	203	13
Of small intestine, including duodenum (152)	15	13	2	83	75	6	12	11	1	11	10	1
Of colon (153)	541	454	87	4,348	3,830	307	467	440	22	778	745	33
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	1	1	-	56	49	4	2	2	-	2	2	-
Descending colon (153.2)	2	2	-	88	74	6	2	2	-	-	-	-
Sigmoid colon (153.3)	7	7	-	261	226	17	8	8	-	12	11	1
Cecum, appendix, and ascending colon (153.4-153.6)	7	6	1	435	390	31	11	10	1	23	22	1
Other and colon, unspecified (153.8-153.9)	524	438	86	3,508	3,091	249	444	418	21	741	710	31
Of rectum, rectosigmoid junction, and anus (154)	58	50	8	820	713	57	82	78	3	120	118	2
Of liver and intrahepatic bile ducts (155)	101	90	9	867	619	74	78	72	3	104	98	6
Liver, primary (155.0)	37	34	1	479	310	49	48	42	3	54	51	3
Intrahepatic bile ducts (155.1)	13	12	1	127	111	2	22	22	-	21	21	-
Liver, not specified as primary or secondary (155.2)	51	44	7	261	198	23	8	8	-	29	26	3
Of gallbladder and extrahepatic bile ducts (156)	40	36	4	376	333	21	49	49	-	52	48	4
Of pancreas (157)	295	235	60	2,437	2,133	188	259	248	9	362	335	25
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	23	19	4	181	159	15	19	19	-	34	29	4
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	1,764	1,553	209	13,627	12,092	1,003	1,176	1,130	39	1,862	1,745	110
Of larynx (161)	35	31	4	336	293	32	31	29	2	44	36	7
Of trachea, bronchus, and lung (162)	1,717	1,511	204	13,158	11,686	961	1,113	1,070	36	1,802	1,695	102
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	12	11	1	133	113	10	32	31	1	16	14	1

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
Malignant neoplasms, etc.—Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	544	465	78	5,680	5,105	356	598	577	17	794	758	35
Of bone and articular cartilage (170)	18	14	4	98	87	4	10	10	—	4	4	—
Of connective and other soft tissue (171)	39	31	8	332	289	24	39	37	2	30	28	2
Melanoma of skin (172)	62	60	2	766	755	2	96	95	—	83	83	—
Other malignant neoplasms of skin (173)	31	29	2	199	176	16	25	24	1	16	16	—
Of female breast (174)	391	329	61	4,264	3,780	308	425	408	14	654	621	32
Of male breast (175)	3	2	1	21	18	2	3	3	—	7	6	1
Malignant neoplasms of genital organs (179-187)	651	510	140	5,297	4,617	469	591	567	22	750	708	40
Of cervix uteri (180)	70	50	19	436	334	68	46	43	2	53	44	8
Of other parts of uterus (179,181-182)	68	48	20	581	500	54	50	48	2	96	92	4
Of ovary and other uterine adnexa (183)	124	112	12	1,228	1,122	60	132	129	2	178	174	4
Of other and unspecified female genital organs (184)	10	10	—	88	79	4	13	13	—	18	18	—
Of prostate (185)	370	282	88	2,894	2,516	281	340	325	15	399	374	24
Of testis (186)	7	6	1	51	48	1	8	7	1	3	3	—
Of penis and other male genital organs (187)	2	2	—	19	18	1	2	2	—	3	3	—
Malignant neoplasms of urinary organs (188-189)	225	193	32	1,871	1,714	110	218	205	11	315	308	7
Of bladder (188)	113	98	15	969	879	65	90	85	4	168	165	3
Of kidney and other and unspecified urinary organs (189)	112	95	17	902	835	45	128	120	7	147	143	4
Malignant neoplasms of other and unspecified sites (190-199)	463	403	60	4,702	4,197	290	405	389	13	751	706	42
Of eye (190)	4	3	1	23	22	—	5	4	1	4	4	—
Of brain (191)	137	133	4	1,132	1,057	45	141	138	1	154	147	7
Of other and unspecified parts of nervous system (192)	2	2	—	31	26	1	4	4	—	5	5	—
Of thyroid gland and other endocrine glands and related structures (193-194)	17	11	6	178	155	8	20	19	—	27	26	1
Of all other and unspecified sites (195-199)	303	254	49	3,338	2,936	236	235	224	11	561	524	34
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	525	457	68	4,571	4,052	307	456	437	14	698	651	43
Lymphosarcoma and reticulosarcoma (200)	13	12	1	214	194	10	28	28	—	30	25	5
Hodgkin's disease (201)	25	22	3	159	139	18	15	14	—	29	26	3
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	193	177	16	1,589	1,448	68	169	167	1	254	242	11
Multiple myeloma and immunoproliferative neoplasms (203)	89	67	22	784	652	99	63	54	8	127	117	10
Leukemia (204-208)	205	179	26	1,825	1,619	112	181	174	5	256	241	14
Lymphoid leukemia (204)	61	54	7	502	451	38	51	50	1	84	80	4
Myeloid leukemia (205)	85	71	14	778	689	41	87	86	1	107	101	6
Monocytic leukemia (206)	5	5	—	20	18	—	4	3	—	2	2	—
Other and unspecified leukemia (207-208)	54	49	5	525	461	33	39	35	3	63	58	4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	65	52	13	659	579	47	58	54	3	101	98	3
Benign neoplasms (210-229)	23	17	6	166	138	16	27	24	2	23	22	1
Of female genital organs (218-221)	—	—	—	2	—	—	—	—	—	—	—	—
Of eye, brain, and other parts of nervous system (224-225)	12	11	1	101	88	9	21	18	2	16	15	1
Of all other and unspecified sites (210-217,222-223,226-229)	11	6	5	63	50	7	6	6	—	7	7	—
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)	13	11	2	157	143	8	13	13	—	20	20	—
Neoplasms of unspecified nature (239)	29	24	5	335	297	21	18	17	1	58	56	2
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	694	531	162	4,506	3,731	530	628	587	27	696	635	59
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	656	504	151	4,346	3,581	525	571	532	26	654	595	57
Disorders of thyroid gland (240-246)	11	10	1	51	43	6	8	7	1	10	10	—
Diabetes mellitus (250)	512	389	122	3,361	2,737	432	447	416	21	508	460	46
Disorders of the pituitary gland and its hypothalamic control (253)	2	1	1	13	12	—	1	1	—	—	—	—
Diseases of thymus gland (254)	—	—	—	1	—	—	—	—	—	—	—	—
Disorders of adrenal glands (255)	2	2	—	16	15	1	1	1	—	3	3	—
Cystic fibrosis (277.0)	4	4	—	39	37	1	6	6	—	2	2	—
Obesity (278.0)	8	4	4	104	86	17	4	4	—	9	7	2
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	117	94	23	761	651	68	104	97	4	122	113	9
Nutritional deficiencies (260-269)	38	27	11	160	150	5	57	55	1	42	40	2
Nutritional marasmus (261)	4	2	2	17	14	2	6	6	—	1	1	—
Other protein-calorie malnutrition (262-263)	29	21	8	134	128	2	49	47	1	40	39	1
All other nutritional deficiencies (260,264-269)	5	4	1	9	8	1	2	2	—	1	—	1
IV. Diseases of blood and blood-forming organs (280-289)	125	98	25	732	632	59	87	82	4	106	99	7
Anemias (280-285)	63	45	17	289	231	38	36	33	2	42	38	4
Deficiency anemias (280-281)	9	7	2	16	14	1	1	7	—	2	2	—
Hemolytic anemias (282-283)	18	6	12	67	37	24	5	2	2	6	4	2
Aplastic anemia (284)	16	13	2	119	103	6	14	14	—	15	13	2
Other and unspecified anemias (285)	20	19	1	87	77	7	10	10	—	19	19	—
Purpura and other hemorrhagic conditions (287)	10	8	2	70	56	7	7	7	—	6	6	—
All other diseases of blood and blood-forming organs (286,288-289)	52	45	6	373	345	14	44	42	2	58	55	3
V. Mental disorders (290-319)	283	242	41	2,380	2,116	194	284	272	10	292	265	26
Senile and presenile organic psychotic conditions (290)	74	65	9	805	749	36	100	95	5	82	77	5
Alcoholic psychoses (291)	3	3	—	41	34	5	5	4	—	5	4	1
All other psychoses (292-299)	41	36	5	244	226	10	36	36	—	52	51	1
Alcohol dependence syndrome (303)	31	25	6	486	410	62	58	56	2	55	46	8
Drug dependence (304)	1	1	—	143	117	23	1	1	—	7	5	2
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-318)	131	110	21	617	541	56	82	78	3	87	78	9
Mental retardation (317-319)	2	2	—	44	39	2	2	2	—	4	4	—

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	382	335	46	3,524	3,215	212	462	443	16	517	501	16
Diseases of the nervous system (320-359)	382	335	46	3,517	3,210	211	459	441	16	517	501	16
Meningitis (320-322)	12	8	4	144	105	33	13	11	2	8	7	1
Parkinson's disease (332)	65	61	4	669	631	13	90	86	4	99	98	1
Other hereditary and degenerative diseases of the central nervous system (320-331,333-337)	203	184	19	1,729	1,624	73	231	224	7	282	276	6
Multiple sclerosis (340)	7	6	1	183	170	12	28	26	2	25	23	2
Infantile cerebral palsy (345)	6	4	2	100	85	11	5	4	1	6	6	—
Epilepsy (345)	15	9	5	130	106	21	29	29	—	7	7	—
Other diseases of the nervous system (323-326,341-342,344,346-359)	74	63	11	562	489	48	63	61	—	90	84	6
Disorders of the eye and adnexa (360-379)	—	—	—	2	1	—	1	1	—	—	—	—
Diseases of the ear and mastoid process (380-389)	—	—	—	5	4	1	2	1	—	—	—	—
VII. Diseases of the circulatory system (390-459)	10,961	9,201	1,748	91,137	80,648	6,853	8,177	7,856	259	12,333	11,674	619
Rheumatic fever and rheumatic heart disease (390-398)	42	39	2	713	639	34	108	106	2	83	79	4
Acute rheumatic fever (390-392)	—	—	—	14	12	2	1	1	—	—	—	—
Chronic rheumatic heart disease (393-398)	42	39	2	699	627	32	107	105	2	83	79	4
Diseases of mitral valve (394)	21	20	—	348	304	20	50	49	1	38	36	2
Diseases of aortic valve (395)	—	—	—	30	28	2	5	5	—	—	—	—
Diseases of mitral and aortic valves (396)	5	5	—	138	126	5	19	19	—	9	9	—
All other chronic rheumatic heart disease (393,397-398)	16	14	2	183	169	5	33	32	1	36	34	2
Hypertensive disease (401-404)	265	185	80	3,750	2,958	605	267	242	21	355	309	45
Essential hypertension (401)	70	44	26	416	351	44	41	35	5	65	58	7
Hypertensive heart disease (402)	137	98	39	2,552	1,984	442	156	145	10	227	197	29
Hypertensive renal disease (403)	34	23	11	524	425	74	51	48	2	39	34	5
Hypertensive heart and renal disease (404)	24	20	4	258	198	45	19	14	4	24	20	4
Ischemic heart disease (410-414)	5,917	5,079	833	47,724	43,102	2,933	4,314	4,172	117	6,281	6,014	247
Acute myocardial infarction (410)	3,775	3,216	555	19,276	17,704	1,217	2,104	2,045	46	2,542	2,429	101
Other acute and subacute forms of ischemic heart disease (411)	6	5	1	124	115	5	12	12	—	14	14	—
Angina pectoris (413)	11	11	—	74	69	2	16	16	—	31	30	1
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	2,125	1,847	277	27,800	25,214	1,709	2,182	2,099	71	3,694	3,541	145
Diseases of pulmonary circulation (415-417)	199	168	31	857	755	80	188	184	4	142	131	10
Other forms of heart disease (420-429)	2,022	1,662	356	17,506	15,112	1,742	1,317	1,251	58	3,072	2,869	190
Acute and subacute endocarditis (421)	8	8	—	117	96	16	9	9	—	22	18	3
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	13	10	3	100	81	16	17	16	1	9	8	1
Other diseases of endocardium (424)	102	87	15	1,306	1,210	52	154	149	3	184	177	6
Mitral valve disorders (424.0)	11	8	3	193	180	6	23	22	1	24	23	1
Aortic valve disorders (424.1)	69	51	8	885	824	33	99	95	2	127	124	2
All other diseases of endocardium (424.2-424.9)	22	18	4	228	206	13	32	32	—	33	30	3
Heart failure (428)	773	649	123	2,446	2,168	163	147	140	6	444	426	16
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	13	11	2	111	90	19	8	8	—	8	7	1
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	1,113	897	213	13,426	11,447	1,476	982	929	48	2,405	2,233	163
Cerebrovascular diseases (430-438)	2,035	1,641	392	15,755	13,705	1,178	1,322	1,269	43	1,789	1,666	98
Subarachnoid hemorrhage (430)	77	68	9	789	630	84	59	55	4	92	86	6
Intracerebral and other intracranial hemorrhage (431-432)	245	204	40	2,207	1,777	204	197	182	14	269	242	25
Occlusion and stenosis of precerebral arteries (433)	16	15	1	130	119	7	12	11	—	8	8	—
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	209	161	48	2,250	1,995	152	120	119	1	263	251	12
Cerebral embolism (434.1)	5	3	2	68	60	5	7	7	—	11	11	—
Acute but ill-defined cerebrovascular disease (436)	1,259	1,013	245	7,897	6,983	561	768	741	21	981	927	51
Other and late effects of cerebrovascular diseases (435,437-438)	224	177	47	2,414	2,141	165	159	154	3	165	161	4
Diseases of arteries, arterioles, and capillaries (440-448)	440	392	48	4,402	3,995	244	610	595	12	563	541	22
Atherosclerosis (440)	170	148	22	2,137	1,959	125	316	308	6	215	204	11
Aortic aneurysm (441)	184	163	21	1,605	1,449	71	209	205	4	243	235	8
All other diseases of arteries, arterioles, and capillaries (442-448)	86	81	5	660	587	48	85	82	2	105	102	3
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	41	35	6	430	382	37	51	47	2	48	45	3
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	17	14	3	309	275	29	32	30	1	9	9	—
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	24	21	3	121	107	8	19	17	1	39	36	3
VIII. Diseases of the respiratory system (460-519)	2,080	1,875	204	22,257	20,213	1,243	2,489	2,422	52	2,433	2,328	98
Diseases of the upper respiratory tract (460-465,470-478)	5	5	—	72	62	5	9	8	—	6	6	—
Acute upper respiratory infections (460-465)	4	4	—	28	24	1	9	8	—	5	5	—
Other diseases of upper respiratory tract (470-478)	1	1	—	44	38	4	—	—	—	1	1	—
Other diseases of the respiratory system (466,480-519)	2,075	1,870	204	22,185	20,151	1,238	2,480	2,414	52	2,427	2,322	98
Acute bronchitis and bronchiolitis (466)	6	6	—	103	93	5	6	6	—	7	7	—
Pneumonia (480-486)	838	743	95	10,171	9,149	609	863	836	20	1,080	1,031	46
Viral pneumonia (480)	2	1	1	170	150	6	10	10	—	9	8	1
Pneumococcal and other bacterial pneumonia (481-482)	61	51	10	838	744	73	72	68	2	57	55	2
Bronchopneumonia, organism unspecified (485)	43	41	2	1,130	1,004	87	82	78	4	62	59	3
Pneumonia due to other and unspecified organism (483,486)	732	650	82	8,033	7,251	443	699	680	14	952	909	40
Influenza (487)	19	18	1	291	274	9	25	25	—	9	9	—
Chronic obstructive pulmonary diseases and allied conditions (490-496)	917	854	62	9,753	8,983	490	1,324	1,298	22	991	959	30
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	253	230	23	3,218	2,937	175	381	370	10	246	237	8
Bronchitis, not specified as acute or chronic (490)	7	7	—	78	72	5	11	11	—	9	9	—
Chronic bronchitis (491)	40	37	3	417	389	20	46	46	—	35	34	—
Emphysema (492)	166	156	10	2,160	2,028	83	241	239	1	151	147	4
Asthma (493)	40	30	10	563	448	67	83	74	9	51	47	4
Bronchiectasis and extrinsic allergic alveolitis (494-495)	11	10	1	108	99	1	9	9	—	8	8	—
Chronic airways obstruction, not elsewhere classified (496)	653	614	38	6,427	5,947	314	934	919	12	737	714	22
Pneumoconioses and other lung diseases due to external agents (500-508)	86	73	13	414	371	28	96	94	2	117	110	6
Empyema and abscess of lung and mediastinum (510,513)	6	4	2	99	83	11	10	10	—	13	12	1
Pleurisy (511)	5	4	1	54	47	3	7	6	1	9	8	1
All other diseases of respiratory system (512,514-519)	198	168	30	1,300	1,151	85	149	139	7	201	186	14

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	779	666	111	8,546	7,504	664	921	880	30	1,011	943	66
Diseases of oral cavity, salivary glands, and jaws (520-529)	1	1	—	9	8	1	—	—	—	1	1	—
Diseases of other parts of the digestive system (530-579)	778	665	111	8,537	7,496	663	921	880	30	1,010	942	66
Ulcer of stomach and duodenum (531-533)	52	45	7	872	742	67	102	97	4	58	56	1
Gastric ulcer (531)	12	10	2	278	229	30	24	22	2	17	16	—
Duodenal ulcer (532)	18	15	3	311	273	19	35	34	1	26	26	—
Peptic ulcer, site unspecified (533)	22	20	2	283	240	18	43	41	1	15	14	1
Gastritis and duodenitis (535)	9	4	5	83	76	5	14	14	—	7	7	—
Appendicitis (540-543)	6	4	2	50	40	6	12	10	2	8	7	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	85	66	19	484	427	43	75	73	1	63	62	1
Regional enteritis and idiopathic proctocolitis (555-556)	5	4	1	57	53	2	11	11	—	7	7	—
All other noninfective gastroenteritis and colitis (557-558)	112	97	14	816	731	62	113	108	4	102	95	7
Diverticula of intestine (562)	34	33	1	355	332	21	25	25	—	35	33	2
Chronic liver disease and cirrhosis (571)	187	163	23	3,980	3,502	313	327	308	13	344	320	23
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	57	48	8	2,413	2,111	227	254	238	12	134	121	12
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	15	14	1	146	120	5	12	12	—	17	16	1
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	115	101	14	1,421	1,271	81	61	58	1	193	183	10
Cholelithiasis and other disorders of gallbladder (574-575)	54	47	7	259	227	13	35	34	—	32	31	1
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	234	202	32	1,581	1,366	131	207	200	6	354	324	30
X. Diseases of the genitourinary system (580-629)	511	390	119	3,388	2,858	323	281	268	9	447	405	39
Diseases of urinary system (590-599)	500	381	117	3,258	2,760	313	264	251	9	435	393	39
Nephritis, nephrotic syndrome, and nephrosis (580-589)	313	226	86	1,505	1,225	170	119	111	5	263	232	28
Acute glomerulonephritis (580)	2	2	—	8	8	—	1	1	—	—	—	—
Nephrotic syndrome (581)	4	3	1	13	10	1	6	4	2	2	2	—
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (592-593,587)	26	20	6	159	138	17	23	21	1	14	13	1
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	281	201	79	1,325	1,069	152	89	85	2	247	217	27
Infections of kidney (590)	26	21	5	198	176	12	19	19	—	6	6	—
Urinary calculus (592-594)	7	6	1	45	42	2	5	5	—	2	2	—
All other diseases of urinary system (591,593,595-599)	154	128	25	1,510	1,317	129	121	116	4	164	153	11
Diseases of male genital organs (600-608)	9	7	2	86	77	8	13	13	—	6	6	—
Hyperplasia of prostate (600)	6	5	1	64	56	6	9	9	—	3	3	—
Other diseases of male genital organs (601-608)	3	2	1	22	19	2	4	4	—	3	3	—
Diseases of female genital organs except breast (610-629)	2	2	—	24	21	2	2	2	—	2	2	—
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	4	1	2	28	19	5	4	3	1	3	1	2
Pregnancy with abortive outcome (630-638)	—	—	—	6	4	2	2	1	1	—	—	—
Ectopic pregnancy (633)	—	—	—	5	3	2	1	1	—	—	—	—
Spontaneous abortion (634)	—	—	—	—	—	—	—	—	—	—	—	—
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	1	2	22	15	3	2	2	—	2	1	1
Hemorrhage of pregnancy and childbirth (640-641,666)	—	—	—	4	3	—	2	2	—	—	—	—
Toxemia of pregnancy (642.4-642.9,643)	—	—	—	10	7	2	—	—	—	—	—	—
Obstructed labor (660)	—	—	—	—	—	—	—	—	—	—	—	—
Complications of the puerperium (670-676)	3	1	2	6	4	1	—	—	—	—	—	—
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	1	—	—	2	1	—	—	—	—	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)	43	31	12	199	160	27	25	21	2	43	40	3
Infections of skin and subcutaneous tissue (680-686)	6	5	1	69	58	9	10	7	1	10	10	—
All other diseases of skin and subcutaneous tissue (690-709)	37	26	11	130	102	18	15	14	1	33	30	3
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	96	84	12	670	576	61	116	110	6	60	53	6
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	22	22	—	135	122	5	34	33	1	10	10	—
Other arthropathies and related disorders (710-712,715-719)	49	38	11	313	249	41	53	49	4	33	28	4
Dorsopathies (720-724)	6	5	1	21	19	2	3	2	1	2	1	1
Rheumatism, excluding the back (725-728)	9	9	—	46	43	3	5	5	—	3	3	—
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	10	10	—	155	143	10	21	21	—	12	11	1
XIV. Congenital anomalies (740-759)	122	98	24	1,606	1,282	189	163	152	8	135	118	16
Spina bifida (741)	—	—	—	23	22	—	3	2	1	2	2	—
All other congenital anomalies of nervous system (740,742)	26	19	7	209	167	23	21	21	—	20	18	2
Congenital anomalies of heart (745-746)	33	28	5	534	434	56	60	59	1	58	50	8
Other congenital anomalies of circulatory system (747)	9	6	3	143	112	24	16	15	1	7	7	—
All other congenital anomalies (743-744,748-759)	54	45	9	697	547	86	63	55	5	48	41	6

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	146	85	59	2,130	1,519	470	179	150	26	246	157	86
Birth trauma (767)	1	-	1	29	21	7	4	4	-	1	-	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	43	31	12	514	385	89	32	29	2	50	31	17
Other conditions originating in the perinatal period (760-766,770-779)	102	54	46	1,587	1,113	374	143	117	24	195	126	68
XVI. Symptoms, signs, and ill-defined conditions (780-799)	558	416	141	2,192	1,754	332	189	175	10	468	377	86
Senility without mention of psychosis (797)	7	7	-	7	7	-	9	9	-	3	3	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	551	409	141	2,185	1,747	332	180	166	10	465	374	86
Supplementary classification of external causes of injury and poisoning (E800-E999)	1,807	1,408	388	17,926	14,800	2,190	1,866	1,754	80	1,457	1,253	188
Accidents and adverse effects (E800-E949)	1,293	1,044	242	10,787	9,235	952	1,103	1,034	43	937	847	81
Transport accidents (E800-E848)	709	604	100	5,946	5,146	421	645	602	21	464	421	39
Railway accidents (E800-E807)	8	5	3	65	58	6	6	6	-	1	1	-
Motor vehicle accidents (E810-E825)	666	566	95	5,626	4,855	409	568	528	18	442	399	39
Motor vehicle traffic accidents (E810-E819)	658	559	94	5,478	4,718	405	549	509	18	438	395	39
Involving collision with train (E810)	34	28	6	36	33	2	4	3	-	2	1	1
Involving collision with another motor vehicle (E811-E812)	213	193	19	2,143	1,878	134	195	183	7	128	124	4
Involving collision with pedestrian (E814)	59	43	16	973	793	110	63	56	2	71	61	8
Involving collision with other vehicle or object (E813,E815)	73	60	13	832	717	67	127	122	3	112	96	15
Not involving collision on highway (E816-E818)	146	122	22	1,258	1,089	81	129	116	5	36	34	2
Motor vehicle traffic accident of unspecified nature (E819)	133	113	18	236	208	11	31	29	1	89	79	9
Motor vehicle nontraffic accidents (E820-E825)	8	7	1	148	137	4	19	19	-	4	4	-
Other road vehicle accidents (E826-E829)	4	4	-	42	35	2	4	4	-	3	3	-
Water transport accidents (E830-E838)	14	12	2	57	47	3	3	2	1	6	6	-
Air and space transport accidents (E840-E845)	17	17	-	147	142	1	64	62	2	12	12	-
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	9	9	-	-	-	-	-	-	-
Accidental poisoning (E850-E869)	43	36	7	1,557	1,314	208	76	71	5	38	33	5
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	29	24	5	1,453	1,221	201	52	48	4	19	16	3
Accidental poisoning by other solid or liquid substances (E860-E866)	7	7	-	48	39	5	13	13	-	2	2	-
Accidental poisoning by gases and vapors (E867-E869)	7	5	2	56	54	2	11	10	1	17	15	2
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	39	33	6	238	198	29	27	26	1	39	33	6
Accidental falls (E880-E888)	123	112	11	1,011	915	54	171	167	4	146	143	2
Fall from one level to another (E880-E884)	17	13	4	273	254	11	51	50	1	48	47	1
Fall on same level (E885-E886)	5	5	-	38	36	2	15	15	-	3	3	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	101	94	7	700	625	41	105	102	3	95	93	1
Accidents caused by fire and flames (E890-E899)	96	49	47	278	225	43	17	14	3	41	30	9
Other accidents, including late effects (E900-E929)	283	210	71	1,751	1,432	196	164	151	9	208	186	20
Lightning (E907)	2	2	-	5	5	-	2	2	-	-	-	-
Accidental drowning and submersion (E910)	62	43	18	461	382	28	36	31	4	46	39	6
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	56	41	15	212	188	10	34	31	3	52	49	3
Accident caused by handgun (E922.0)	10	8	2	40	33	5	5	4	1	-	-	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	36	22	13	159	102	48	6	6	-	11	9	2
Accident caused by explosive material (E923)	6	6	-	13	10	2	3	3	-	4	4	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	-	-	-	10	6	2	-	-	-	1	1	-
Accident caused by electric current (E925)	7	6	1	48	44	2	6	5	-	5	5	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	104	82	22	803	662	99	72	69	1	89	79	9
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	-	-	-	6	5	1	3	3	-	1	1	-
Suicide (E950-E959)	246	228	18	3,704	3,369	169	549	536	8	303	277	20
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	17	17	-	516	478	24	55	54	1	13	11	1
Suicide by other solid or liquid substances (E950.6-E950.9)	2	2	-	25	22	1	5	5	-	1	1	-
Suicide by gases and vapors (E951-E952)	11	11	-	169	161	7	83	80	2	42	40	1
Suicide by hanging, strangulation, and suffocation (E953)	16	13	3	645	551	26	73	71	-	97	90	5
Suicide by handgun (E955.0)	49	47	2	683	641	24	62	61	1	3	2	1
Suicide by all other and unspecified firearms (E955.1-E955.4)	141	132	9	1,320	1,208	67	235	229	4	126	116	10
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	10	6	4	346	308	20	36	36	-	21	17	2
Homicide and legal intervention (E960-E978)	245	115	127	3,253	2,044	1,049	160	132	27	196	113	82
Assault by handgun (E965.0)	78	27	51	316	203	92	6	6	-	-	-	-
Assault by all other and unspecified firearms (E965.1-E965.4)	92	52	37	1,825	1,055	681	72	55	16	134	66	68
Assault by cutting and piercing instrument (E966)	28	11	17	511	365	129	31	25	6	30	23	6
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	44	23	21	527	366	129	45	40	5	30	24	6
Legal execution (E978)	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	3	2	1	74	55	18	6	6	-	2	-	2
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	23	21	1	180	151	19	53	51	2	21	16	5
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	9	7	1	82	79	2	24	24	-	15	12	3
From poisoning by other solid or liquid substances (E980.6-E980.9)	-	-	-	2	2	-	1	1	-	1	1	-
From injury by handgun (E985.0)	2	2	-	11	10	-	2	2	-	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	5	5	-	7	5	-	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)	7	7	-	78	55	17	21	19	2	3	2	1
Injury resulting from operations of war (E990-E999)	-	-	-	2	1	1	1	1	-	-	-	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—Con.

(Page 11 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	Delaware			District of Columbia			Florida			Georgia		
	All races †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	5,843	4,840	984	7,649	1,750	5,869	132,765	117,737	14,708	52,258	37,225	14,899
I. Infectious and parasitic diseases (001-139)	136	98	38	546	167	377	3,563	2,411	1,142	1,477	869	604
Intestinal infectious diseases (001-009)	2	—	2	2	—	2	28	22	5	11	7	4
Cholera and typhoid and paratyphoid fevers (001-002)	—	—	—	—	—	—	—	—	—	—	—	—
Shigellosis (004)	—	—	—	—	—	—	1	—	—	1	1	—
Other salmonella infections and other food poisoning (bacterial) (003,005)	—	—	—	1	—	1	4	4	—	1	—	1
Amebiasis (006)	—	—	—	—	—	—	—	—	—	—	—	—
Intestinal infections due to other specified organisms (007-008)	1	—	1	—	—	—	6	6	—	4	3	1
Ill-defined intestinal infections (009)	1	—	1	1	—	1	17	12	5	5	3	2
Tuberculosis (010-018)	1	1	—	16	1	15	152	85	66	55	21	34
Tuberculosis of respiratory system (010-012)	1	1	—	12	1	11	131	74	56	49	20	29
Other tuberculosis (013-018)	—	—	—	4	—	4	21	11	10	6	1	5
Zoonotic and other bacterial diseases (020-041)	71	58	13	149	37	110	836	727	107	571	352	217
Brucellosis (029)	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (032)	—	—	—	—	—	—	—	—	—	—	—	—
Whooping cough (033)	—	—	—	—	—	—	1	1	—	—	—	—
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	—	—	—	—	—	—	4	4	—	1	1	—
Meningococcal infection (036)	1	1	—	1	1	—	10	6	4	6	3	3
Tetanus (037)	—	—	—	—	—	—	1	—	1	—	—	—
Septicemia (038)	68	56	12	144	34	108	769	670	97	539	328	209
All other bacterial diseases (020-022,024-031,039-041)	2	1	1	4	2	2	51	46	5	25	20	5
Viral diseases (*042-*044,045-079)	55	34	21	355	129	226	2,250	1,370	874	739	432	305
Acute poliomyelitis (045)	—	—	—	—	—	—	—	—	—	—	—	—
Smallpox (050)	—	—	—	—	—	—	—	—	—	—	—	—
Measles (055)	—	—	—	—	—	—	1	1	—	—	—	—
Rubella (056)	—	—	—	—	—	—	—	—	—	—	—	—
Arthropod-borne encephalitis (062-064)	—	—	—	—	—	—	—	—	—	—	—	—
Viral hepatitis (070)	10	6	4	3	1	2	126	104	20	40	29	10
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	45	28	17	352	128	224	2,123	1,265	854	699	403	295
Rickettsioses and other arthropod-borne diseases (080-088)	—	—	—	—	—	—	1	1	—	1	—	1
Typhus and other rickettsioses (080-083)	—	—	—	—	—	—	—	—	—	—	—	—
Malaria (084)	—	—	—	—	—	—	1	1	—	1	—	1
All other arthropod-borne diseases (085-088)	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis and other venereal diseases (090-099)	—	—	—	2	—	2	11	2	9	2	—	2
Syphilis (090-097)	—	—	—	2	—	2	9	1	8	2	—	2
Cardiovascular syphilis (093)	—	—	—	—	—	—	—	—	—	—	—	—
Neurosyphilis (094)	—	—	—	—	—	—	6	1	5	2	—	2
All other syphilis (090-091,095-097)	—	—	—	2	—	2	3	—	3	—	—	—
Gonococcal infections (098)	—	—	—	—	—	—	1	—	1	—	—	—
Other venereal diseases (099)	—	—	—	—	—	—	1	1	—	—	—	—
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	7	5	2	22	—	22	285	204	81	98	57	41
Mycoses (110-118)	6	5	1	12	—	12	126	105	21	52	31	21
Helminthiasis (120-129)	—	—	—	—	—	—	—	—	—	—	—	—
Late effects of tuberculosis (137)	—	—	—	—	—	—	12	11	1	2	2	—
Late effects of acute poliomyelitis (138)	—	—	—	—	—	—	8	8	—	4	4	—
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	1	—	1	10	—	10	139	80	59	40	20	20
II. Neoplasms (140-239)	1,450	1,186	260	1,721	424	1,286	32,977	29,922	2,989	11,343	8,484	2,829
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1,429	1,169	256	1,703	416	1,276	32,580	29,574	2,940	11,150	8,342	2,779
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	28	23	5	58	5	53	647	552	95	217	152	63
Of lip (140)	1	1	—	1	—	1	4	4	—	2	2	—
Of tongue (141)	5	4	1	12	1	11	154	129	25	39	25	13
Of pharynx (146-149.0)	16	14	2	31	2	29	318	274	44	109	70	38
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	6	4	2	14	2	12	171	145	26	67	55	12
Malignant neoplasms of digestive organs and peritoneum (150-159)	335	267	68	494	96	396	7,765	7,013	728	2,406	1,681	712
Of esophagus (150)	42	30	12	79	12	67	630	502	128	242	121	120
Of stomach (151)	39	28	11	56	10	46	961	830	128	296	178	113
Of small intestine, including duodenum (152)	1	1	—	5	—	5	56	48	7	19	18	1
Of colon (153)	138	116	22	180	29	150	3,191	2,970	217	925	680	244
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	1	1	—	1	1	—	16	15	1	5	3	2
Descending colon (153.2)	4	3	1	—	—	—	9	9	—	2	2	—
Sigmoid colon (153.3)	7	6	1	2	—	1	69	63	6	18	14	4
Cecum, appendix, and ascending colon (153.4-153.6)	4	4	—	2	1	1	89	80	9	26	22	4
Other and colon, unspecified (153.8-153.9)	122	102	20	175	27	148	3,008	2,803	201	874	639	234
Of rectum, rectosigmoid junction, and anus (154)	31	27	4	23	5	18	468	432	36	149	112	37
Of liver and intrahepatic bile ducts (155)	19	15	4	37	5	32	546	482	53	157	117	35
Liver, primary (155.0)	9	5	4	17	—	17	244	214	25	59	43	11
Intrahepatic bile ducts (155.1)	4	4	—	2	1	1	93	89	4	18	13	5
Liver, not specified as primary or secondary (155.2)	6	6	—	18	4	14	209	179	24	80	61	19
Of gallbladder and extrahepatic bile ducts (156)	5	5	—	8	2	6	251	233	18	60	54	6
Of pancreas (157)	55	41	14	100	31	68	1,539	1,406	128	529	377	151
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	5	4	1	6	2	4	124	110	13	29	24	5
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	443	352	90	425	93	327	10,242	9,368	863	3,472	2,766	698
Of larynx (161)	17	13	4	28	4	24	245	197	47	109	74	35
Of trachea, bronchus, and lung (162)	420	334	85	395	89	301	9,881	9,066	803	3,327	2,667	652
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	6	5	1	2	—	2	116	103	13	36	25	11

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
Malignant neoplasms, etc.—Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	168	142	25	172	60	112	3,373	3,108	262	1,185	917	267
Of bone and articular cartilage (170)	6	5	1	—	—	—	66	60	6	25	18	7
Of connective and other soft tissue (171)	3	1	2	9	1	8	139	127	12	69	55	14
Melanoma of skin (172)	21	21	—	9	8	1	450	444	6	134	126	8
Other malignant neoplasms of skin (173)	7	6	1	10	5	5	184	168	16	45	35	10
Of female breast (174)	129	107	21	143	46	97	2,515	2,290	222	907	681	225
Of male breast (175)	2	2	—	1	—	1	19	19	—	5	2	3
Malignant neoplasms of genital organs (179-187)	146	115	30	207	48	159	3,781	3,307	467	1,236	813	422
Of cervix uteri (180)	13	10	3	24	3	21	275	209	66	128	73	55
Of other parts of uterus (179,181-182)	16	12	4	19	3	16	352	300	50	106	72	33
Of ovary and other uterine adnexa (183)	31	27	4	26	8	18	859	801	58	254	208	46
Of other and unspecified female genital organs (184)	4	3	1	3	—	3	66	57	9	19	12	7
Of prostate (185)	80	61	18	134	34	100	2,201	1,916	282	717	437	280
Of testis (186)	—	—	—	1	—	1	19	17	2	5	4	1
Of penis and other male genital organs (187)	2	2	—	—	—	—	9	7	—	—	—	—
Malignant neoplasms of urinary organs (188-189)	60	54	6	44	12	32	1,401	1,298	102	403	313	90
Of bladder (188)	32	32	—	20	8	12	769	712	56	175	135	40
Of kidney and other and unspecified urinary organs (189)	28	22	6	24	4	20	632	586	46	228	178	50
Malignant neoplasms of other and unspecified sites (190-199)	138	122	15	163	41	121	2,478	2,264	204	1,243	914	327
Of eye (190)	—	—	—	1	1	—	30	29	1	5	5	—
Of brain (191)	32	32	—	24	8	16	660	610	47	259	223	36
Of other and unspecified parts of nervous system (192)	—	—	—	1	1	—	19	18	1	8	6	2
Of thyroid gland and other endocrine glands and related structures (193-194)	5	5	—	4	2	1	101	97	4	22	17	5
Of all other and unspecified sites (195-199)	101	85	15	133	29	104	1,668	1,510	151	949	663	284
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	111	94	17	140	61	76	2,892	2,666	219	988	786	200
Lymphosarcoma and reticulosarcoma (200)	2	2	—	9	6	3	152	146	5	30	27	3
Hodgkin's disease (201)	3	3	—	4	3	1	85	78	7	34	29	5
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	42	38	4	43	22	20	987	935	51	310	258	51
Multiple myeloma and immunoproliferative neoplasms (203)	19	16	3	32	12	20	526	469	55	207	138	69
Leukemia (204-208)	45	35	10	52	18	32	1,142	1,038	101	407	334	72
Lymphoid leukemia (204)	12	8	4	23	7	14	345	310	35	116	98	18
Myeloid leukemia (205)	19	14	5	14	6	8	500	455	44	170	138	31
Monocytic leukemia (206)	4	4	—	—	—	—	15	14	1	6	5	1
Other and unspecified leukemia (207-208)	10	9	1	15	5	10	282	259	21	115	93	22
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	21	17	4	18	8	10	397	348	49	193	142	50
Benign neoplasms (210-229)	2	1	1	1	—	1	106	91	15	24	16	8
Of female genital organs (218-221)	—	—	—	—	—	—	2	2	—	—	—	—
Of eye, brain, and other parts of nervous system (224-225)	—	—	—	1	—	1	65	56	9	14	10	4
Of all other and unspecified sites (210-217,222-223,226-229)	2	1	1	—	—	—	39	33	6	10	6	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)	3	3	—	3	2	1	116	103	13	54	39	14
Neoplasms of unspecified nature (239)	16	13	3	14	6	8	175	154	21	115	87	28
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	262	197	64	223	37	185	3,715	3,076	627	1,386	844	540
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	254	192	61	212	33	178	3,557	2,944	601	1,305	797	506
Disorders of thyroid gland (240-245)	1	—	1	3	1	2	62	46	14	19	14	5
Diabetes mellitus (250)	215	164	50	158	26	131	2,794	2,297	489	977	588	387
Disorders of the pituitary gland and its hypothalamic control (253)	1	1	—	1	—	1	13	12	1	4	2	2
Diseases of thymus gland (254)	—	—	—	—	—	—	—	—	—	1	1	—
Disorders of adrenal glands (255)	—	—	—	1	1	—	12	10	2	10	7	3
Cystic fibrosis (277.0)	—	—	—	—	—	—	23	23	—	9	9	—
Obesity (278.0)	2	2	—	5	—	5	72	63	8	34	16	18
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	5	39	581	493	87	251	160	91
Nutritional deficiencies (260-269)	8	5	3	11	4	7	158	132	26	81	47	34
Nutritional marasmus (261)	1	—	1	3	—	3	20	16	4	9	3	6
Other protein-calorie malnutrition (262-263)	7	5	2	6	4	2	130	109	21	65	40	25
All other nutritional deficiencies (260,264-269)	—	—	—	2	—	2	8	7	1	7	4	3
IV. Diseases of blood and blood-forming organs (280-289)	39	23	16	29	10	19	585	483	99	192	121	71
Anemias (280-285)	20	8	12	12	5	7	281	215	64	100	50	50
Deficiency anemias (280-281)	2	1	1	1	—	1	16	14	2	4	4	—
Hemolytic anemias (282-283)	7	1	6	3	—	3	64	25	38	30	3	27
Aplastic anemia (284)	2	—	2	5	4	1	79	70	9	20	16	4
Other and unspecified anemias (285)	9	6	3	3	1	2	122	106	15	46	27	19
Purpura and other hemorrhagic conditions (287)	1	1	—	3	—	3	51	43	8	14	12	2
All other diseases of blood and blood-forming organs (286,288-289)	18	14	4	14	5	9	253	225	27	78	59	19
V. Mental disorders (290-319)	66	55	11	107	21	85	1,363	1,179	178	723	445	278
Senile and presenile organic psychotic conditions (290)	23	22	1	14	8	6	388	361	27	199	166	33
Alcoholic psychoses (291)	2	1	1	3	—	3	21	16	5	19	6	13
All other psychoses (292-299)	13	12	1	13	7	6	183	166	16	133	99	34
Alcohol dependence syndrome (303)	12	9	3	26	1	24	319	240	77	234	88	146
Drug dependence (304)	—	—	—	34	4	30	10	3	7	—	—	—
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	15	10	5	17	1	16	430	384	43	123	76	47
Mental retardation (317-319)	1	1	—	—	—	—	12	9	3	15	10	5

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	92	79	13	130	49	81	2,343	2,138	199	960	743	217
Diseases of the nervous system (320-359)	92	79	13	129	48	81	2,337	2,133	198	959	742	217
Meniugitis (320-322)	1	1	-	12	1	11	51	27	23	37	16	21
Parkinson's disease (332)	17	15	2	21	16	5	475	449	25	141	130	11
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	42	35	7	37	18	19	1,170	1,118	51	491	423	68
Multiple sclerosis (340)	2	2	-	8	2	6	83	79	4	33	28	5
Infantile cerebral palsy (343)	1	1	-	2	-	2	34	24	10	26	11	15
Epilepsy (345)	3	2	1	9	1	8	124	85	38	54	24	30
Other diseases of the nervous system (323-326,341-342,344,346-359)	26	23	3	40	10	30	400	351	47	177	110	67
Disorders of the eye and adnexa (360-379)	-	-	-	-	-	-	1	1	-	1	1	-
Diseases of the ear and mastoid process (380-389)	-	-	-	1	1	-	5	4	1	-	-	-
VII. Diseases of the circulatory system (390-459)	2,439	2,089	342	2,587	646	1,933	58,387	53,020	5,277	21,779	15,976	5,765
Rheumatic fever and rheumatic heart disease (390-399)	14	12	2	11	4	7	445	409	36	108	86	21
Acute rheumatic fever (390-392)	-	-	-	-	-	-	2	2	-	2	2	-
Chronic rheumatic heart disease (393-398)	14	12	2	11	4	7	443	407	36	106	84	21
Diseases of mitral valve (394)	9	7	2	6	2	4	191	177	14	44	38	5
Diseases of aortic valve (395)	3	-	-	1	-	-	22	22	-	1	1	-
Diseases of mitral and aortic valves (396)	3	3	-	1	1	-	77	70	7	22	13	9
All other chronic rheumatic heart disease (393,397-398)	2	2	-	3	1	2	153	138	15	39	32	7
Hypertensive disease (401-404)	118	83	35	298	39	258	2,358	1,753	599	941	448	492
Essential hypertension (401)	6	6	-	15	2	13	268	212	56	140	59	81
Hypertensive heart disease (402)	87	63	24	251	29	222	1,567	1,168	394	623	298	324
Hypertensive renal disease (403)	14	8	6	17	3	14	369	270	99	97	50	47
Hypertensive heart and renal disease (404)	11	6	5	15	5	9	154	103	50	81	41	40
Ischemic heart disease (410-414)	1,130	1,002	124	693	240	448	33,242	31,026	2,169	9,931	7,946	1,970
Acute myocardial infarction (410)	618	548	66	341	129	209	14,221	13,285	917	5,925	4,648	1,265
Other acute and subacute forms of ischemic heart disease (411)	7	7	-	2	2	-	144	129	14	85	55	30
Angina pectoris (413)	3	3	-	1	1	-	78	74	4	25	22	3
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	502	444	58	349	108	239	18,799	17,538	1,234	3,896	3,221	672
Diseases of pulmonary circulation (415-417)	32	27	5	70	11	59	539	441	97	315	214	101
Other forms of heart disease (420-429)	687	576	107	933	197	735	10,357	9,238	1,104	5,696	3,873	1,812
Acute and subacute endocarditis (421)	2	1	1	7	-	7	54	40	14	22	14	8
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	2	1	1	3	1	2	49	38	11	25	15	10
Other diseases of endocardium (424)	29	25	3	32	22	10	896	845	51	226	177	48
Mitral valve disorders (424.0)	3	3	-	4	3	1	144	133	11	40	31	8
Aortic valve disorders (424.1)	19	16	2	19	14	5	555	530	25	135	108	29
All other diseases of endocardium (424.2-424.9)	7	6	1	9	5	4	197	182	15	51	40	11
Heart failure (428)	114	96	18	90	20	70	917	829	85	1,024	752	272
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	4	1	3	12	3	9	40	32	8	25	15	9
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	536	452	81	789	151	637	8,401	7,454	935	4,374	2,900	1,465
Cerebrovascular diseases (430-438)	323	272	51	446	113	332	8,410	7,383	1,010	3,755	2,610	1,137
Subarachnoid hemorrhage (430)	24	20	4	44	9	35	412	359	53	198	139	57
Intracerebral and other intracranial hemorrhage (431-432)	43	33	10	98	22	75	1,286	1,087	193	578	382	194
Occlusion and stenosis of precerebral arteries (433)	1	1	-	5	2	3	89	84	5	35	19	16
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	41	37	4	53	15	38	1,395	1,231	162	450	328	121
Cerebral embolism (434.1)	3	3	-	-	-	-	48	44	3	18	16	2
Acute but ill-defined cerebrovascular disease (435)	166	140	26	203	49	154	4,231	3,729	495	2,111	1,461	648
Other and late effects of cerebrovascular diseases (435,437-438)	45	38	7	43	16	27	949	850	99	365	265	99
Diseases of arteries, arterioles, and capillaries (440-448)	119	105	14	119	40	79	2,824	2,590	230	919	721	197
Atherosclerosis (440)	35	31	4	50	23	27	1,143	1,052	90	420	324	96
Aortic aneurysm (441)	59	50	9	41	11	30	1,186	1,112	71	313	269	44
All other diseases of arteries, arterioles, and capillaries (442-448)	25	24	1	28	6	22	495	426	69	186	128	57
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	16	12	4	17	2	15	212	180	32	114	78	35
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	10	8	2	2	-	2	116	94	22	44	31	13
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	6	4	2	15	2	13	96	86	10	70	47	22
VIII. Diseases of the respiratory system (460-519)	454	389	64	523	152	371	10,375	9,577	778	4,396	3,464	926
Diseases of the upper respiratory tract (460-465,470-478)	1	1	-	3	-	3	31	24	7	15	9	6
Acute upper respiratory infections (460-465)	1	1	-	-	-	-	11	10	1	10	5	5
Other diseases of upper respiratory tract (470-478)	-	-	-	3	-	3	20	14	6	5	4	1
Other diseases of the respiratory system (466,480-519)	453	388	64	520	152	368	10,344	9,553	771	4,381	3,455	920
Acute bronchitis and bronchiolitis (466)	1	1	-	1	-	1	43	40	3	19	14	5
Pneumonia (480-486)	155	128	27	242	66	176	3,208	2,889	313	1,751	1,291	458
Viral pneumonia (480)	2	1	1	-	-	-	51	48	3	13	9	4
Pneumococcal and other bacterial pneumonia (481-482)	13	11	2	23	5	18	380	328	51	137	95	41
Bronchopneumonia, organism unspecified (485)	9	6	3	31	9	22	398	349	49	98	76	22
Pneumonia due to other and unspecified organism (483,486)	131	110	21	188	52	136	2,379	2,164	210	1,503	1,111	391
Influenza (487)	1	1	-	1	-	1	23	21	2	31	23	8
Chronic obstructive pulmonary diseases and allied conditions (490-496)	216	193	22	164	60	104	5,477	5,165	301	1,947	1,651	293
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	57	46	11	50	17	33	1,514	1,431	78	536	439	96
Bronchitis, not specified as acute or chronic (490)	-	-	-	-	-	-	34	33	-	15	12	3
Chronic bronchitis (491)	10	9	1	4	1	3	197	189	8	55	51	4
Emphysema (492)	36	30	6	23	11	12	1,053	1,016	36	340	307	33
Asthma (493)	11	7	4	23	5	18	230	193	34	126	69	56
Bronchiectasis and extrinsic allergic alveolitis (494-495)	2	2	-	2	1	1	79	75	4	31	28	2
Chronic airways obstruction, not elsewhere classified (496)	157	145	11	112	42	70	3,884	3,659	219	1,380	1,184	195
Pneumoconioses and other lung diseases due to external agents (500-508)	29	25	4	43	9	34	561	507	53	216	162	54
Empyema and abscess of lung and mediastinum (510,513)	8	5	3	8	2	6	71	59	12	21	10	11
Pleurisy (511)	4	3	1	3	-	3	41	40	1	29	16	13
All other diseases of respiratory system (512,514-519)	39	32	7	58	15	43	920	832	86	367	288	78

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	194	167	27	398	66	330	4,485	4,050	418	1,844	1,303	533
Diseases of oral cavity, salivary glands, and jaws (520-529)	-	-	-	-	-	-	3	3	-	1	1	-
Diseases of other parts of the digestive system (530-579)	194	167	27	398	66	330	4,482	4,047	418	1,843	1,302	533
Ulcer of stomach and duodenum (531-533)	17	12	5	26	5	21	399	364	33	136	102	33
Gastric ulcer (531)	5	2	3	12	3	9	106	94	10	44	31	13
Duodenal ulcer (532)	5	4	1	8	1	7	148	134	14	43	34	9
Peptic ulcer, site unspecified (533)	7	6	1	6	1	5	145	136	9	49	37	11
Gastritis and duodenitis (535)	-	-	-	3	1	2	37	32	4	11	9	2
Appendicitis (540-543)	-	-	-	1	-	-	30	23	7	14	6	8
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	16	15	1	8	4	4	298	252	46	125	86	39
Regional enteritis and idiopathic proctocolitis (555-556)	1	1	-	2	1	1	40	40	-	14	13	1
All other noninfective gastroenteritis and colitis (557-559)	19	18	1	23	4	18	461	430	31	171	128	43
Diverticula of intestine (562)	5	5	-	12	4	8	182	171	11	75	62	13
Chronic liver disease and cirrhosis (571)	72	61	11	215	23	191	1,781	1,602	170	638	457	178
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	39	32	7	103	7	95	644	554	86	229	147	80
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	4	4	-	6	2	4	81	73	6	31	23	8
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	29	25	4	106	14	92	1,056	975	78	378	287	90
Cholelithiasis and other disorders of gallbladder (574-575)	5	5	-	2	1	1	173	158	13	80	60	18
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	59	50	9	106	23	83	1,081	975	103	579	379	198
X. Diseases of the genitourinary system (580-629)	126	97	29	208	38	169	1,960	1,648	310	1,178	678	500
Diseases of urinary system (590-599)	124	95	29	204	37	166	1,903	1,601	300	1,156	665	491
Nephritis, nephrotic syndrome, and nephrosis (590-599)	73	55	18	107	18	88	919	771	147	647	346	301
Acute glomerulonephritis (590)	-	-	-	-	-	-	16	12	4	3	-	3
Nephrotic syndrome (591)	-	-	-	1	-	1	15	11	4	11	7	4
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (592-593,597)	7	6	1	6	2	4	106	90	16	36	21	15
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (594-596,598-599)	66	49	17	100	16	83	782	658	123	597	318	279
Infections of kidney (590)	5	3	2	1	1	-	77	63	14	51	34	17
Urinary calculus (592,594)	2	1	1	-	-	-	17	14	3	7	6	1
All other diseases of urinary system (591,593,595-599)	44	36	8	96	18	78	890	753	136	451	279	172
Diseases of male genital organs (600-608)	2	2	-	3	1	2	39	34	5	14	9	5
Hyperplasia of prostate (600)	-	-	-	2	1	1	30	26	4	9	6	3
Other diseases of male genital organs (601-608)	2	2	-	1	-	1	9	8	1	5	3	2
Disorders of breast (610-611)	-	-	-	-	-	-	1	-	1	-	-	1
Diseases of female genital organs except breast (614-629)	-	-	-	1	-	1	17	13	4	7	4	3
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	2	1	1	4	-	4	19	5	14	11	3	8
Pregnancy with abortive outcome (630-638)	1	-	1	1	-	1	3	1	2	2	-	2
Ectopic pregnancy (633)	1	-	1	-	-	-	3	1	2	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)	1	1	-	2	-	2	14	3	11	8	3	5
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	-	-	-	4	1	3	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	-	-	-	2	-	2	3	1	2
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	1	1	-	1	-	1	5	1	4	5	2	3
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	1	-	1	3	1	2	-	-	-
Indirect obstetric causes (647-648)	-	-	-	1	-	1	2	1	1	1	-	1
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	11	8	3	32	4	28	228	182	46	131	73	58
Infections of skin and subcutaneous tissue (680-686)	3	2	1	3	1	2	39	35	4	12	7	5
All other diseases of skin and subcutaneous tissue (690-709)	8	6	2	29	3	26	189	147	42	119	66	53
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	22	19	3	25	2	23	436	361	72	204	122	81
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	7	7	-	1	1	-	77	73	4	40	33	7
Other arthropathies and related disorders (710-712,715-719)	10	7	3	17	-	17	234	179	54	110	56	53
Dorsopathies (720-724)	-	-	-	1	-	1	18	16	-	8	6	2
Rheumatism, excluding the back (725-729)	1	1	-	4	1	3	24	19	5	9	2	7
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	4	4	-	2	-	2	83	74	9	37	25	12
XIV. Congenital anomalies (740-759)	39	31	7	47	8	39	659	484	170	331	232	96
Spina bifida (741)	-	-	-	-	-	-	8	6	2	1	1	-
All other congenital anomalies of nervous system (740,742)	7	7	-	5	2	3	101	78	23	31	22	9
Congenital anomalies of heart (745-746)	7	6	1	19	4	15	231	169	60	128	91	34
Other congenital anomalies of circulatory system (747)	3	2	1	4	-	4	53	39	14	33	25	8
All other congenital anomalies (743-744,748-759)	22	16	5	19	2	17	266	192	71	138	93	45

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	68	38	30	175	14	161	957	528	424	721	270	447
Birth trauma (767)	-	-	-	5	1	4	13	9	4	12	7	5
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	13	10	3	29	2	27	201	121	80	186	84	101
Other conditions originating in the perinatal period (760-766,770-779)	55	28	27	141	11	130	743	398	340	523	179	341
XVI. Symptoms, signs, and ill-defined conditions (780-799)	45	35	9	211	28	183	1,584	1,316	266	713	419	292
Senility without mention of psychosis (797)	9	8	-	-	-	-	164	158	6	120	55	65
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	36	27	9	211	28	183	1,420	1,158	260	593	364	227
Supplementary classification of external causes of injury and poisoning (E800-E999)	398	328	67	683	84	595	9,129	7,357	1,699	4,869	3,179	1,654
Accidents and adverse effects (E800-E949)	250	202	45	221	45	173	5,331	4,469	815	3,018	2,092	910
Transport accidents (E800-E848)	129	105	22	88	18	68	3,170	2,705	429	1,759	1,284	459
Railway accidents (E800-E807)	3	2	1	1	-	1	27	20	6	19	10	9
Motor vehicle accidents (E810-E825)	119	95	21	86	17	67	2,994	2,543	417	1,681	1,226	439
Motor vehicle traffic accidents (E810-E819)	119	96	21	86	17	67	2,937	2,494	410	1,645	1,202	428
Involving collision with train (E810)	2	1	1	-	-	-	30	25	5	24	21	3
Involving collision with another motor vehicle (E811-E812)	37	34	3	21	4	17	1,131	981	134	554	429	121
Involving collision with pedestrian (E814)	16	11	5	32	6	25	597	482	107	231	129	100
Involving collision with other vehicle or object (E813,E815)	37	30	6	16	5	11	394	340	53	171	120	48
Not involving collision on highway (E816-E818)	13	10	2	8	-	7	357	299	52	288	221	63
Motor vehicle traffic accident of unspecified nature (E819)	14	10	4	9	2	7	428	367	59	377	282	93
Motor vehicle nontraffic accidents (E820-E825)	-	-	-	-	-	-	57	49	7	36	24	11
Other road vehicle accidents (E826-E829)	-	-	-	-	-	-	9	8	1	4	4	-
Water transport accidents (E830-E838)	3	3	-	-	-	-	62	59	3	26	15	11
Air and space transport accidents (E840-E845)	4	4	-	1	1	-	71	69	2	27	27	-
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	-	-	-	7	7	-	2	2	-
Accidental poisoning (E850-E869)	17	11	6	9	-	9	294	228	64	151	86	65
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	15	10	5	6	-	6	222	174	46	104	67	37
Accidental poisoning by other solid or liquid substances (E860-E866)	-	-	-	2	-	2	26	20	6	26	12	14
Accidental poisoning by gases and vapors (E867-E869)	2	1	1	1	-	1	46	34	12	21	7	14
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	14	12	2	13	3	10	103	92	10	96	60	36
Accidental falls (E880-E888)	38	35	2	38	12	25	624	576	47	282	223	59
Fall from one level to another (E880-E884)	10	9	1	14	5	8	128	113	15	62	43	19
Fall on same level (E885-E886)	2	2	-	1	1	-	30	28	2	12	9	3
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	26	24	1	23	6	17	466	435	30	208	171	37
Accidents caused by fire and flames (E890-E899)	10	5	5	15	2	13	178	122	54	210	92	118
Other accidents, including late effects (E900-E929)	41	33	8	57	10	47	956	740	210	517	345	172
Lightning (E907)	-	-	-	-	-	-	8	8	-	2	2	-
Accidental drowning and submersion (E910)	5	4	1	9	1	8	344	251	89	138	86	52
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	10	8	2	12	1	11	169	142	27	106	69	37
Accident caused by handgun (E922.0)	-	-	-	-	-	-	2	2	-	1	1	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	2	1	1	4	-	4	40	32	8	28	20	8
Accident caused by explosive material (E923)	-	-	-	1	-	1	7	5	2	5	3	2
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	-	-	-	1	1	-	6	5	1	4	2	2
Accident caused by electric current (E925)	-	-	-	1	-	1	48	40	8	29	24	5
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	24	20	4	29	7	22	332	255	75	204	138	66
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	1	1	-	1	-	1	6	5	1	3	2	1
Suicide (E950-E959)	95	88	7	51	15	36	2,076	1,952	109	855	703	145
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	11	11	-	6	1	5	240	235	4	58	49	9
Suicide by other solid or liquid substances (E950.6-E950.9)	-	-	-	-	-	-	17	14	2	5	5	-
Suicide by gases and vapors (E951-E952)	6	6	-	2	2	-	124	122	2	29	29	-
Suicide by hanging, strangulation, and suffocation (E953)	11	8	3	19	6	13	220	201	16	86	66	16
Suicide by handgun (E955.0)	1	1	-	-	-	-	60	57	3	28	23	5
Suicide by all other and unspecified firearms (E955.1-E955.4)	60	56	4	16	2	14	1,245	1,174	64	619	510	107
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	6	6	-	8	4	4	170	149	18	30	21	8
Homicide and legal intervention (E960-E978)	46	32	14	360	20	339	1,611	843	757	920	334	573
Assault by handgun (E965.0)	2	2	-	1	-	1	12	6	6	9	2	5
Assault by all other and unspecified firearms (E965.1-E965.4)	17	13	4	264	8	255	1,037	486	547	582	206	367
Assault by cutting and piercing instrument (E966)	7	2	5	52	5	47	272	151	119	154	44	110
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	19	14	5	40	7	33	272	186	82	164	80	82
Legal execution (E978)	-	-	-	-	-	-	2	2	-	1	-	1
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	1	1	-	3	-	3	16	12	3	10	2	8
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	7	6	1	51	4	47	111	93	18	75	49	26
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	4	4	-	26	3	23	28	24	4	19	15	4
From poisoning by other solid or liquid substances (E980.6-E980.9)	-	-	-	2	-	2	1	1	-	1	1	-
From injury by handgun (E985.0)	-	-	-	-	-	-	-	-	-	2	1	1
From injury by all other and unspecified firearms (E985.1-E985.4)	-	-	-	2	-	2	14	14	-	20	15	5
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	21	1	20	68	54	14	33	17	16
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	-	-	-	1	1	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	6,502	2,011	41	7,468	7,356	6	103,366	86,835	15,966	49,094	45,164	3,870
I. Infectious and parasitic diseases (001-139)	159	74	-	88	87	1	2,211	1,617	580	812	703	107
Intestinal infectious diseases (001-009)	3	1	-	2	2	-	25	15	8	7	7	-
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	1	1	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	-	-	-	-	-	-	1	1	-	3	3	-
Amoebiasis (006)	-	-	-	-	-	-	1	1	1	-	-	-
Intestinal infections due to other specified organisms (007-008)	1	1	-	2	2	-	8	5	2	3	3	-
Ill-defined intestinal infections (009)	2	-	-	-	-	-	14	8	5	1	1	-
Tuberculosis (010-018)	4	-	-	2	2	-	89	52	36	32	24	7
Tuberculosis of respiratory system (010-012)	4	-	-	1	1	-	70	42	27	21	15	6
Other tuberculosis (013-018)	-	-	-	1	1	-	19	10	9	11	9	1
Zoonotic and other bacterial diseases (020-041)	62	18	-	52	52	-	1,066	868	194	492	445	46
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	1	1	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	1	1	-	8	5	3	3	3	-
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	59	17	-	48	48	-	1,019	835	180	472	426	45
All other bacterial diseases (020-022,024-031,039-041)	3	1	-	3	3	-	38	27	11	17	16	1
Viral diseases (*042-*044,045-079)	79	52	-	20	20	-	836	547	283	213	176	37
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	9	3	6	1	-	1
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	7	2	-	5	5	-	42	33	8	22	19	3
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	72	50	-	15	15	-	785	511	269	190	157	33
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	1	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	-	-	-	-	-	-	3	1	2	4	2	2
Syphilis (090-097)	-	-	-	-	-	-	3	1	2	4	2	2
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	-	-	-	-	-	-	1	1	-	1	-	1
All other syphilis (090-091,095-097)	-	-	-	-	-	-	2	-	2	3	2	1
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	11	3	-	12	11	1	192	134	57	63	48	15
Mycoses (110-118)	7	2	-	4	4	-	95	71	24	38	32	6
Helminthiasis (120-129)	1	-	-	-	-	-	1	1	-	1	-	-
Late effects of tuberculosis (137)	2	-	-	1	-	1	7	6	-	5	3	2
Late effects of acute poliomyelitis (138)	-	-	-	2	2	-	11	11	-	4	4	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-135,139)	2	1	-	5	5	-	78	45	33	15	8	7
II. Neoplasms (140-239)	1,607	497	5	1,706	1,697	-	24,250	20,564	3,531	11,495	10,551	928
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1,574	485	5	1,672	1,664	-	23,929	20,285	3,490	11,361	10,424	921
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	32	13	2	21	21	-	380	286	90	141	129	11
Of lip (140)	1	-	-	-	-	-	5	5	-	4	-	-
Of tongue (141)	3	1	-	6	6	-	92	66	26	28	25	3
Of pharynx (146-149.0)	20	7	2	11	11	-	178	127	47	70	62	7
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	8	5	-	4	4	-	105	88	17	39	38	1
Malignant neoplasms of digestive organs and peritoneum (150-159)	512	107	2	353	348	-	5,960	4,998	899	2,546	2,323	218
Of esophagus (150)	36	8	-	20	20	-	493	367	125	208	188	20
Of stomach (151)	104	16	-	31	31	-	730	585	132	245	204	41
Of small intestine, including duodenum (152)	3	1	-	3	3	-	35	28	7	25	22	3
Of colon (153)	154	44	1	139	138	-	2,485	2,160	309	1,140	1,051	86
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	1	-	-	-	-	-	21	20	-	6	6	-
Descending colon (153.2)	-	-	-	-	-	-	12	10	2	1	1	-
Sigmoid colon (153.3)	1	1	-	1	1	-	58	51	7	22	21	1
Cecum, appendix, and ascending colon (153.4-153.6)	4	1	-	2	2	-	104	94	10	24	21	3
Other and colon, unspecified (153.8-153.9)	148	42	1	136	135	-	2,290	1,985	290	1,087	1,002	82
Of rectum, rectosigmoid junction, and anus (154)	41	8	-	21	21	-	401	345	51	129	119	10
Of liver and intrahepatic bile ducts (155)	60	8	1	31	30	-	401	316	73	177	165	10
Liver, primary (155.0)	35	4	-	11	10	-	178	138	34	82	75	5
Intrahepatic bile ducts (155.1)	6	2	-	11	11	-	42	38	4	19	18	1
Liver, not specified as primary or secondary (155.2)	19	2	1	9	9	-	181	140	35	76	72	4
Of gallbladder and extrahepatic bile ducts (156)	23	4	-	13	11	-	227	206	19	87	81	6
Of pancreas (157)	87	16	-	85	84	-	1,129	940	175	499	461	38
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	4	2	-	10	10	-	59	51	8	36	32	4
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	389	139	1	428	427	-	6,625	5,565	1,032	3,486	3,202	282
Of larynx (161)	8	4	-	12	12	-	168	133	35	84	74	10
Of trachea, bronchus, and lung (162)	370	133	1	414	413	-	6,408	5,393	988	3,372	3,099	271
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	11	2	-	2	2	-	49	39	9	30	29	1

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
Malignant neoplasms, etc.—Con.												
Malignant neoplasms of bone, connective tissue, skin, and												
breast (170-175)	132	44	—	201	200	—	2,677	2,353	313	1,256	1,166	87
Of bone and articular cartilage (170)	4	3	—	3	3	—	58	52	6	29	28	1
Of connective and other soft tissue (171)	7	4	—	5	5	—	141	114	23	60	57	3
Melanoma of skin (172)	12	9	—	31	31	—	220	214	6	108	108	—
Other malignant neoplasms of skin (173)	10	1	—	6	6	—	86	72	14	36	34	1
Of female breast (174)	99	27	—	155	154	—	2,149	1,882	260	1,022	938	82
Of male breast (175)	—	—	—	1	1	—	23	19	4	1	1	—
Malignant neoplasms of genital organs (179-187)	158	57	—	208	207	—	2,599	2,115	473	1,210	1,091	118
Of cervix uteri (180)	9	5	—	12	12	—	223	150	72	103	86	17
Of other parts of uterus (179,181-182)	25	5	—	16	16	—	292	246	44	151	137	14
Of ovary and other uterine adnexa (183)	38	14	—	42	41	—	627	558	63	278	268	10
Of other and unspecified female genital organs (184)	3	1	—	3	3	—	34	30	4	24	23	1
Of prostate (185)	62	32	—	132	132	—	1,395	1,107	286	644	567	76
Of testis (186)	—	—	—	2	2	—	15	14	1	7	7	—
Of penis and other male genital organs (187)	1	—	—	1	1	—	13	10	3	3	3	—
Malignant neoplasms of urinary organs (188-189)	51	15	—	71	71	—	964	859	102	483	446	36
Of bladder (188)	25	7	—	31	31	—	447	396	49	241	225	16
Of kidney and other and unspecified urinary organs (189)	26	8	—	40	40	—	517	463	53	242	221	20
Malignant neoplasms of other and unspecified sites (190-199)	151	67	—	192	192	—	2,455	2,095	348	1,163	1,073	87
Of eye (190)	—	—	—	2	2	—	14	13	1	3	3	—
Of brain (191)	25	15	—	44	44	—	511	460	49	251	245	5
Of other and unspecified parts of nervous system (192)	—	—	—	2	2	—	16	11	5	5	5	—
Of thyroid gland and other endocrine glands and related structures (193-194)	4	—	—	5	5	—	90	80	9	35	29	6
Of all other and unspecified sites (195-199)	122	52	—	139	139	—	1,824	1,531	284	869	791	76
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	149	43	—	198	198	—	2,269	2,014	233	1,076	994	82
Lymphosarcoma and reticulosarcoma (200)	7	2	—	9	9	—	74	68	6	42	36	6
Hodgkin's disease (201)	8	3	—	4	4	—	70	60	9	33	29	4
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	59	17	—	68	68	—	802	741	53	380	357	23
Multiple myeloma and immunoproliferative neoplasms (203)	14	5	—	36	36	—	422	330	89	212	189	23
Leukemia (204-208)	61	16	—	81	81	—	901	815	76	409	383	26
Lymphoid leukemia (204)	14	5	—	19	19	—	272	246	24	119	111	8
Myeloid leukemia (205)	22	5	—	35	35	—	323	287	32	143	136	7
Monocytic leukemia (206)	—	—	—	3	3	—	13	13	—	5	4	1
Other and unspecified leukemia (207-208)	25	6	—	24	24	—	293	269	20	142	132	10
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	33	12	—	34	33	—	321	279	41	134	127	7
Benign neoplasms (210-229)	9	1	—	2	2	—	64	49	15	21	18	3
Of female genital organs (218-221)	—	—	—	—	—	—	3	2	1	—	—	—
Of eye, brain, and other parts of nervous system (224-225)	4	—	—	1	1	—	44	35	9	15	13	2
Of all other and unspecified sites (210-217,222-223,226-229)	—	—	—	—	—	—	17	12	5	6	5	1
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)	9	4	—	9	9	—	70	65	5	31	29	2
Neoplasms of unspecified nature (239)	15	7	—	23	22	—	186	164	21	82	80	2
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	201	44	1	196	190	—	2,887	2,350	521	1,610	1,426	184
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	193	42	1	188	182	—	2,731	2,215	500	1,510	1,334	176
Disorders of thyroid gland (240-246)	2	1	—	3	3	—	49	40	9	21	21	—
Diabetes mellitus (250)	151	28	1	146	140	—	2,114	1,716	383	1,194	1,058	136
Disorders of the pituitary gland and its hypothalamic control (253)	1	—	—	—	—	—	5	4	1	1	1	—
Diseases of thymus gland (254)	—	—	—	—	—	—	1	1	—	—	—	—
Disorders of adrenal glands (255)	—	—	—	4	4	—	14	13	1	4	3	1
Cystic fibrosis (277.0)	—	—	—	2	2	—	13	13	—	13	13	—
Obesity (278.0)	4	1	—	5	5	—	69	57	12	34	25	9
All other endocrine and metabolic diseases and immunity disorders (251-252,256-258, 270-276,277.1-277.9,278.1-279)	35	12	—	28	28	—	466	371	94	243	213	30
Nutritional deficiencies (260-269)	8	2	—	8	8	—	156	135	21	100	92	8
Nutritional marasmus (261)	1	—	—	—	—	—	17	13	4	7	7	—
Other protein-calorie malnutrition (262-263)	6	2	—	8	8	—	133	117	16	88	81	7
All other nutritional deficiencies (260,264-269)	1	—	—	—	—	—	6	5	1	5	4	1
IV. Diseases of blood and blood-forming organs (280-289)	22	6	—	20	20	—	401	321	74	190	168	22
Anemias (280-285)	12	3	—	10	10	—	182	137	43	90	80	10
Deficiency anemias (280-281)	1	—	—	1	1	—	13	9	4	5	5	—
Hemolytic anemias (282-283)	6	2	—	2	2	—	39	15	24	20	13	7
Aplastic anemia (284)	5	1	—	5	5	—	46	41	3	22	20	2
Other and unspecified anemias (285)	—	—	—	2	2	—	84	72	12	43	42	1
Purpura and other hemorrhagic conditions (287)	2	—	—	3	3	—	32	27	4	19	18	1
All other diseases of blood and blood-forming organs (286,288-289)	8	3	—	7	7	—	187	157	27	81	70	11
V. Mental disorders (290-319)	66	23	—	122	118	—	1,035	801	233	478	425	53
Senile and presenile organic psychotic conditions (290)	22	5	—	44	44	—	298	272	26	156	150	6
Atcoholic psychoses (291)	1	1	—	—	—	—	9	6	3	9	5	4
All other psychoses (292-299)	16	6	—	31	31	—	144	135	9	74	63	11
Alcohol dependence syndrome (303)	8	5	—	13	11	—	277	143	134	87	67	20
Drug dependence (304)	—	—	—	2	2	—	29	7	21	4	1	3
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	19	6	—	29	27	—	255	218	37	138	130	8
Mental retardation (317-319)	—	—	—	3	3	—	23	20	3	10	9	1

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	126	51	-	181	180	-	1,878	1,650	219	937	882	54
Diseases of the nervous system (320-359)	126	51	-	181	180	-	1,875	1,647	219	934	879	54
Meningitis (320-322)	5	1	-	5	-	-	54	38	16	23	18	5
Parkinson's disease (332)	29	8	-	33	32	-	343	326	14	164	158	6
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	55	26	-	106	106	-	892	815	73	488	472	16
Multiple sclerosis (340)	4	3	-	9	9	-	110	97	13	36	33	3
Infantile cerebral palsy (343)	1	-	-	1	1	-	43	26	17	24	23	1
Epilepsy (345)	3	1	-	9	9	-	65	49	16	38	36	2
Other diseases of the nervous system (323-326,341-342,344,346-359)	29	12	-	23	23	-	368	296	70	161	139	21
Disorders of the eye and adnexa (360-379)	-	-	-	-	-	-	-	-	-	1	1	-
Diseases of the ear and mastoid process (380-389)	-	-	-	-	-	-	3	3	-	2	2	-
VII. Diseases of the circulatory system (390-459)	2,598	761	9	3,127	3,087	2	46,138	40,306	5,634	22,403	20,850	1,532
Rheumatic fever and rheumatic heart disease (390-398)	19	4	-	34	34	-	288	260	23	122	114	8
Acute rheumatic fever (390-392)	-	-	-	-	-	-	4	3	-	2	1	1
Chronic rheumatic heart disease (393-398)	19	4	-	34	34	-	284	257	23	120	113	7
Diseases of mitral valve (394)	11	2	-	10	10	-	137	121	13	59	58	1
Diseases of aortic valve (395)	1	-	-	1	1	-	12	11	1	6	5	1
Diseases of mitral and aortic valves (396)	-	-	-	5	5	-	47	45	2	19	18	1
All other chronic rheumatic heart disease (393,397-398)	7	2	-	18	18	-	88	80	7	36	32	4
Hypertensive disease (401-404)	100	26	-	72	72	-	1,667	1,128	534	562	465	96
Essential hypertension (401)	17	4	-	14	14	-	235	186	49	93	84	9
Hypertensive heart disease (402)	67	18	-	32	32	-	1,071	674	392	295	234	61
Hypertensive renal disease (403)	8	1	-	20	20	-	235	173	62	111	91	19
Hypertensive heart and renal disease (404)	8	3	-	6	6	-	126	95	31	63	56	7
Ischemic heart disease (410-414)	1,096	306	2	1,648	1,628	-	25,527	23,149	2,272	12,132	11,415	705
Acute myocardial infarction (410)	529	135	2	975	961	-	13,064	11,771	1,229	5,912	5,621	284
Other acute and subacute forms of ischemic heart disease (411)	4	-	-	1	1	-	167	152	13	23	23	-
Angina pectoris (413)	6	3	-	3	3	-	48	39	9	21	18	3
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	557	168	-	669	663	-	12,248	11,187	1,021	6,176	5,753	418
Diseases of pulmonary circulation (415-417)	35	17	1	44	44	-	642	497	143	312	274	38
Other forms of heart disease (420-429)	769	252	2	551	538	2	9,055	7,379	1,644	4,188	3,876	309
Acute and subacute endocarditis (421)	7	1	-	1	1	-	49	33	16	12	12	-
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	3	-	-	6	5	-	35	26	9	16	13	3
Other diseases of endocardium (424)	42	19	1	59	58	-	508	459	48	264	250	14
Mitral valve disorders (424.0)	5	2	-	10	10	-	97	89	8	55	52	3
Aortic valve disorders (424.1)	30	14	1	38	37	-	306	280	26	150	144	6
All other diseases of endocardium (424.2-424.9)	7	3	-	11	11	-	105	90	14	59	54	5
Heart failure (428)	83	24	-	118	116	1	2,094	1,897	193	1,224	1,154	70
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	8	5	-	2	2	-	45	39	6	22	16	6
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	626	203	1	365	356	1	6,324	4,925	1,372	2,650	2,431	216
Cerebrovascular diseases (430-438)	491	133	4	577	571	-	6,865	6,003	823	3,798	3,499	295
Subarachnoid hemorrhage (430)	38	10	-	22	20	-	343	275	63	142	129	12
Intracerebral and other intracranial hemorrhage (431-432)	109	16	2	49	47	-	1,085	896	174	516	454	60
Occlusion and stenosis of precerebral arteries (433)	2	-	-	9	9	-	67	62	5	28	25	3
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	45	18	-	50	50	-	1,148	1,023	124	460	413	46
Cerebral embolism (434.1)	-	-	-	4	4	-	28	25	2	16	16	-
Acute but ill-defined cerebrovascular disease (436)	255	79	2	353	353	-	3,556	3,165	380	2,224	2,070	154
Other and late effects of cerebrovascular diseases (435,437-438)	42	10	-	90	88	-	638	557	75	412	392	20
Diseases of arteries, arterioles, and capillaries (440-448)	80	21	-	190	189	-	1,886	1,725	153	1,223	1,148	74
Atherosclerosis (440)	13	5	-	69	69	-	815	780	33	625	593	32
Aortic aneurysm (441)	49	10	-	82	82	-	682	619	57	418	397	21
All other diseases of arteries, arterioles, and capillaries (442-448)	18	6	-	39	38	-	389	326	63	180	158	21
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	8	2	-	11	11	-	208	165	42	66	59	7
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	2	1	-	5	5	-	85	66	19	22	18	4
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	6	1	-	6	6	-	123	99	23	44	41	3
VIII. Diseases of the respiratory system (460-519)	614	186	6	782	777	-	9,014	7,745	1,235	4,181	3,959	220
Diseases of the upper respiratory tract (460-465,470-478)	5	-	2	3	3	-	27	22	5	14	14	-
Acute upper respiratory infections (460-465)	1	-	1	-	-	-	13	10	3	5	5	-
Other diseases of upper respiratory tract (470-478)	4	-	1	3	3	-	14	12	2	9	9	-
Other diseases of the respiratory system (466,480-519)	609	186	4	779	774	-	8,987	7,723	1,230	4,167	3,945	220
Acute bronchitis and bronchiolitis (466)	1	1	-	3	3	-	32	24	8	12	10	2
Pneumonia (480-486)	273	77	2	261	260	-	3,878	3,283	583	1,496	1,412	83
Viral pneumonia (480)	3	1	1	6	6	-	25	21	4	10	10	-
Pneumococcal and other bacterial pneumonia (481-482)	16	3	1	12	12	-	260	206	53	81	74	6
Bronchopneumonia, organism unspecified (485)	20	4	-	14	14	-	473	367	104	74	68	6
Pneumonia due to other and unspecified organism (483,486)	234	69	-	229	228	-	3,120	2,689	422	1,331	1,260	71
Influenza (487)	3	3	-	7	7	-	53	50	3	35	34	1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	201	72	2	412	408	-	3,751	3,292	443	2,048	1,960	88
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	68	19	-	90	89	-	1,168	992	172	571	545	26
Bronchitis, not specified as acute or chronic (490)	2	-	-	-	-	-	37	34	3	9	8	1
Chronic bronchitis (491)	7	3	-	5	5	-	122	114	6	87	85	2
Emphysema (492)	33	10	-	67	66	-	763	693	68	375	359	16
Asthma (493)	26	6	-	18	18	-	246	151	95	100	93	7
Bronchiectasis and extrinsic allergic alveolitis (494-495)	5	1	-	3	3	-	32	29	3	26	25	1
Chronic airways obstruction, not elsewhere classified (496)	128	52	2	319	316	-	2,551	2,271	268	1,451	1,390	61
Pneumoconioses and other lung diseases due to external agents (500-508)	52	8	-	37	37	-	513	438	71	173	160	13
Empyema and abscess of lung and mediastinum (510,513)	4	2	-	3	3	-	35	24	11	19	16	3
Pleurisy (511)	5	4	-	5	5	-	44	39	5	26	20	6
All other diseases of respiratory system (512,514-519)	70	19	-	51	51	-	681	573	106	358	333	24

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	229	90	1	232	224	1	3,761	3,060	672	1,545	1,412	129
Diseases of oral cavity, salivary glands, and jaws (520-529)	1	-	-	-	-	-	4	1	3	2	2	-
Diseases of other parts of the digestive system (530-579)	228	90	1	232	224	1	3,757	3,059	669	1,543	1,410	129
Ulcer of stomach and duodenum (531-533)	24	8	-	29	29	-	343	294	47	134	129	5
Gastric ulcer (531)	9	1	-	5	5	-	117	99	18	36	36	-
Duodenal ulcer (532)	8	3	-	12	12	-	111	92	18	45	44	1
Peptic ulcer, site unspecified (533)	7	4	-	12	12	-	115	103	11	53	49	4
Gastritis and duodenitis (535)	5	1	-	-	-	-	34	29	5	7	7	-
Appendicitis (540-543)	1	-	-	2	2	-	25	20	5	7	6	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	12	7	-	21	21	-	274	228	44	128	122	6
Regional enteritis and idiopathic proctocolitis (555-556)	3	1	-	1	1	-	38	38	-	14	12	2
All other noninfective gastroenteritis and colitis (557-558)	25	9	-	18	17	-	368	321	44	189	176	13
Diverticula of intestine (562)	7	4	-	12	12	-	163	144	19	68	66	1
Chronic liver disease and cirrhosis (571)	68	33	-	57	51	1	1,337	1,002	323	420	373	45
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	22	11	-	22	18	-	488	313	173	146	121	25
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	6	3	-	2	2	-	60	53	6	24	22	2
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	40	19	-	33	31	1	789	636	144	250	230	18
Cholelithiasis and other disorders of gallbladder (574-575)	7	2	-	15	15	-	152	135	17	62	57	5
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	76	25	1	77	76	-	1,023	848	165	514	462	51
X. Diseases of the genitourinary system (580-629)	123	27	4	91	87	-	2,099	1,647	445	988	867	120
Diseases of urinary system (580-599)	120	26	4	87	83	-	2,050	1,611	432	970	850	119
Nephritis, nephrotic syndrome, and nephrosis (580-589)	63	12	4	56	53	-	1,177	893	278	578	505	73
Acute glomerulonephritis (580)	-	-	-	-	-	-	3	2	1	1	1	-
Nephrotic syndrome (581)	-	-	-	1	1	-	7	7	-	4	4	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	3	-	-	4	4	-	73	62	11	30	27	3
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	60	12	4	51	48	-	1,094	822	266	543	473	70
Infections of kidney (590)	4	3	-	3	3	-	67	47	20	33	31	2
Urinary calculus (592,594)	1	1	-	-	-	-	12	11	1	5	4	1
All other diseases of urinary system (591,593,595-599)	52	10	-	28	27	-	794	660	133	354	310	43
Diseases of male genital organs (600-608)	2	-	-	4	4	-	28	18	10	14	13	1
Hyperplasia of prostate (600)	2	-	-	4	4	-	19	13	6	10	10	-
Other diseases of male genital organs (601-608)	-	-	-	-	-	-	9	5	4	4	3	1
Disorders of breast (610-611)	-	-	-	-	-	-	3	3	-	-	-	-
Diseases of female genital organs except breast (614-629)	1	1	-	-	-	-	18	15	3	4	4	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	1	-	-	2	2	-	19	9	9	4	4	-
Pregnancy with abortive outcome (630-638)	-	-	-	1	1	-	2	1	1	-	-	-
Ectopic pregnancy (633)	-	-	-	1	1	-	1	1	-	-	-	-
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)	1	-	-	1	1	-	16	8	7	4	4	-
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	-	-	-	3	2	1	1	1	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	1	1	-	5	4	1	1	1	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	-	-	-	4	1	3	1	1	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	1	-	-	-	-	-	4	1	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)	14	2	-	5	5	-	241	154	86	59	44	15
Infections of skin and subcutaneous tissue (680-686)	5	1	-	3	3	-	55	43	12	15	14	1
All other diseases of skin and subcutaneous tissue (690-709)	9	1	-	2	2	-	186	111	74	44	30	14
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	25	9	-	31	30	-	358	280	72	163	150	12
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	5	1	-	10	9	-	77	73	3	45	44	1
Other arthropathies and related disorders (710-712,715-719)	14	4	-	10	10	-	155	107	45	82	74	7
Dorsopathies (720-724)	-	-	-	1	1	-	15	12	3	6	4	2
Rheumatism, excluding the back (725-729)	3	1	-	3	3	-	19	13	6	2	2	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	3	3	-	7	7	-	92	75	15	28	26	2
XIV. Congenital anomalies (740-759)	41	5	-	53	52	1	626	486	133	287	254	32
Spina bifida (741)	4	-	-	1	1	-	7	5	1	5	5	-
All other congenital anomalies of nervous system (740,742)	-	-	-	7	7	-	74	63	10	31	25	6
Congenital anomalies of heart (745-746)	19	3	-	17	17	-	220	162	56	113	104	9
Other congenital anomalies of circulatory system (747)	1	-	-	7	7	-	60	43	16	15	12	3
All other congenital anomalies (743-744,748-759)	17	2	-	21	20	1	265	213	50	123	108	14

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	65	14	3	61	55	-	1,119	617	492	374	276	97
Birth trauma (767)	3	1	-	2	2	-	17	9	8	4	3	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	15	3	-	11	10	-	300	192	107	85	68	16
Other conditions originating in the perinatal period (760-766,770-779)	47	10	3	48	43	-	802	416	377	285	205	80
XVI. Symptoms, signs, and ill-defined conditions (780-799)	129	48	2	95	93	1	787	505	278	476	410	66
Senility without mention of psychosis (797)	5	1	-	18	18	-	13	13	-	45	44	1
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	124	47	2	77	75	1	774	492	278	431	366	65
Supplementary classification of external causes of injury and poisoning (E800-E999)	482	174	10	676	652	-	6,542	4,723	1,752	3,092	2,783	299
Accidents and adverse effects (E800-E949)	302	97	7	480	461	-	4,081	3,195	845	2,054	1,891	156
Transport accidents (E800-E848)	172	57	5	279	269	-	2,063	1,725	305	1,081	1,011	66
Railway accidents (E800-E807)	-	-	-	1	1	-	46	35	10	11	11	-
Motor vehicle accidents (E810-E825)	144	45	5	248	238	-	1,932	1,613	290	1,034	965	65
Motor vehicle traffic accidents (E810-E819)	142	45	5	238	228	-	1,909	1,593	288	1,010	943	63
Involving collision with train (E810)	-	-	-	9	9	-	56	52	4	37	31	6
Involving collision with another motor vehicle (E811-E812)	44	15	2	88	84	-	684	589	82	418	389	27
Involving collision with pedestrian (E814)	29	5	-	13	13	-	330	243	80	85	76	8
Involving collision with other vehicle or object (E813,E815)	23	6	-	25	25	-	295	223	68	121	114	7
Not involving collision on highway (E816-E818)	22	8	2	73	70	-	244	222	20	108	100	7
Motor vehicle traffic accident of unspecified nature (E819)	24	11	1	30	27	-	300	264	34	241	233	8
Motor vehicle nontraffic accidents (E820-E825)	2	-	-	10	10	-	23	20	2	24	22	2
Other road vehicle accidents (E826-E829)	2	-	-	5	5	-	9	8	1	4	4	-
Water transport accidents (E830-E838)	2	-	-	12	12	-	20	17	3	16	15	1
Air and space transport accidents (E840-E845)	23	11	-	10	10	-	56	52	1	16	16	-
Vehicle accidents not elsewhere classifiable (E846-E848)	1	1	-	3	3	-	-	-	-	-	-	-
Accidental poisoning (E850-E869)	7	4	-	19	16	-	485	264	221	96	83	13
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	7	4	-	8	7	-	394	195	199	66	56	10
Accidental poisoning by other solid or liquid substances (E860-E866)	-	-	-	-	-	-	21	14	7	7	7	-
Accidental poisoning by gases and vapors (E867-E869)	-	-	-	11	9	-	70	55	15	23	20	3
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	8	3	-	17	17	-	116	90	26	76	66	9
Accidental falls (E880-E888)	42	13	-	64	62	-	509	434	74	276	265	11
Fall from one level to another (E880-E884)	17	4	-	21	20	-	186	145	40	65	64	1
Fall on same level (E885-E886)	-	-	-	4	4	-	11	9	2	13	12	1
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	25	9	-	39	38	-	312	280	32	198	189	9
Accidents caused by fire and flames (E890-E899)	3	-	1	9	9	-	198	125	72	100	85	15
Other accidents, including late effects (E900-E929)	69	20	1	92	88	-	709	556	147	412	368	42
Lightning (E907)	-	-	-	-	-	-	3	3	-	1	1	-
Accidental drowning and submersion (E910)	22	7	1	18	17	-	124	91	29	82	74	7
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	10	4	-	14	14	-	154	135	19	87	74	13
Accident caused by handgun (E922.0)	1	-	-	3	2	-	11	9	2	2	1	1
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	4	1	-	10	10	-	17	11	6	31	26	4
Accident caused by explosive material (E923)	-	-	-	2	2	-	18	17	1	6	6	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E925)	-	-	-	-	-	-	6	4	2	2	2	-
Accident caused by electric current (E925)	4	3	-	4	4	-	39	31	8	14	14	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	28	5	-	41	39	-	337	255	80	187	170	17
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	1	-	-	-	-	-	1	1	-	13	13	-
Suicide (E950-E959)	109	48	2	160	157	-	1,171	1,040	118	678	645	31
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	13	7	-	10	10	-	113	103	9	46	42	4
Suicide by other solid or liquid substances (E950.6-E950.9)	2	-	-	1	1	-	19	16	2	6	6	-
Suicide by gases and vapors (E951-E952)	1	-	-	17	17	-	164	155	7	84	82	2
Suicide by hanging, strangulation, and suffocation (E953)	34	10	1	19	17	-	228	196	27	110	105	4
Suicide by handgun (E955.0)	4	3	-	14	14	-	160	150	9	76	68	8
Suicide by all other and unspecified firearms (E955.1-E955.4)	32	17	1	95	94	-	386	336	49	328	315	12
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	23	11	-	4	4	-	101	84	15	28	27	1
Homicide and legal intervention (E960-E978)	51	17	1	29	27	-	1,183	414	757	295	199	95
Assault by handgun (E965.0)	-	-	-	1	1	-	102	35	64	43	28	15
Assault by all other and unspecified firearms (E965.1-E965.4)	18	6	-	20	19	-	553	190	361	145	90	55
Assault by cutting and piercing instrument (E966)	15	3	1	4	3	-	249	74	175	48	33	15
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	18	8	-	4	4	-	272	111	154	50	41	8
Legal execution (E978)	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	-	-	-	-	-	-	7	4	3	9	7	2
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	20	12	-	6	6	-	107	74	32	65	48	17
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	9	5	-	2	2	-	14	13	1	26	21	5
From poisoning by other solid or liquid substances (E980.6-E980.9)	-	-	-	-	-	-	3	3	-	4	4	-
From injury by handgun (E985.0)	-	-	-	1	1	-	5	5	-	5	2	3
From injury by all other and unspecified firearms (E985.1-E985.4)	-	-	-	-	-	-	6	3	3	10	7	3
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	11	7	-	3	3	-	79	50	28	20	14	6
Injury resulting from operations of war (E990-E999)	-	-	-	1	1	-	-	-	-	-	-	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—Con.

(Page 21 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	Iowa			Kansas			Kentucky			Louisiana		
	All races †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	27,195	26,820	308	22,287	21,050	1,070	35,398	32,751	2,596	37,665	25,997	12,144
I. Infectious and parasitic diseases (001-139)	286	281	5	326	289	35	605	531	72	1,055	665	385
Intestinal infectious diseases (001-009)	2	2	-	4	3	1	5	4	1	11	4	7
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	1	-	1
Other salmonella infections and other food poisoning (bacterial) (003,005)	-	-	-	-	-	-	2	2	-	3	1	2
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	2	2	-	3	2	1	1	1	-	3	2	1
Ill-defined intestinal infections (009)	-	-	-	1	1	-	2	1	1	4	1	3
Tuberculosis (010-018)	9	9	-	11	7	2	42	35	7	57	27	29
Tuberculosis of respiratory system (010-012)	5	5	-	10	7	2	36	30	6	51	27	23
Other tuberculosis (013-018)	4	4	-	1	-	-	6	5	1	6	-	6
Zoonotic and other bacterial diseases (020-041)	158	156	2	178	165	13	359	324	35	502	314	184
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	1	1	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	2	2	-	-	-	-
Meningococcal infection (036)	2	2	-	2	2	-	2	2	-	9	8	1
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	146	144	2	169	157	12	330	296	34	480	295	181
All other bacterial diseases (020-022,024-031,039-041)	10	10	-	7	6	1	24	23	1	13	11	2
Viral diseases (*042-*044,045-079)	63	63	-	99	81	18	132	113	17	400	268	132
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	3	3	-	8	7	1	17	16	1	31	20	11
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	60	60	-	91	74	17	115	97	16	369	248	121
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)	1	1	-	-	-	-	4	1	3	1	-	1
Syphilis (090-097)	1	1	-	-	-	-	4	1	3	-	-	-
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	1	1	-	-	-	-	3	-	3	-	-	-
All other syphilis (090-091,095-097)	-	-	-	-	-	-	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)	53	50	3	34	33	1	62	53	9	84	52	32
Mycoses (110-118)	33	31	2	20	19	1	45	38	7	44	31	13
Helminthiasis (120-129)	-	-	-	-	-	-	1	1	-	4	3	1
Late effects of tuberculosis (137)	2	2	-	1	1	-	4	4	-	3	3	-
Late effects of acute poliomyelitis (138)	1	1	-	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)	17	16	1	12	12	-	11	9	2	31	13	18
II. Neoplasms (140-239)	6,260	6,176	70	5,066	4,791	246	8,343	7,720	613	8,650	6,040	2,578
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-206)	6,187	6,103	70	5,011	4,739	244	8,257	7,642	605	8,508	5,946	2,530
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	91	90	1	72	61	10	110	104	6	181	111	50
Of lip (140)	2	2	-	2	2	-	3	3	-	1	1	-
Of tongue (141)	17	17	-	17	16	1	21	20	1	38	27	11
Of pharynx (146-149.0)	33	32	1	29	23	6	54	50	4	87	54	33
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	39	39	-	24	20	3	32	31	1	35	29	6
Malignant neoplasms of digestive organs and peritoneum (150-159)	1,615	1,591	22	1,191	1,109	72	1,882	1,719	158	2,009	1,336	663
Of esophagus (150)	121	119	2	90	80	10	128	109	19	182	105	75
Of stomach (151)	128	124	4	117	110	5	198	173	24	251	119	129
Of small intestine, including duodenum (152)	10	10	-	8	8	-	12	12	-	11	9	2
Of colon (153)	768	762	6	520	490	29	822	759	62	753	531	219
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	2	2	-	-	-	-	4	4	-	1	1	-
Descending colon (153.2)	3	2	1	-	-	-	-	-	-	5	4	1
Sigmoid colon (153.3)	19	19	-	2	2	-	8	7	1	15	14	1
Cecum, appendix, and ascending colon (153.4-153.6)	32	32	-	18	17	1	17	16	1	13	12	1
Other and colon, unspecified (153.8-153.9)	712	707	5	500	471	28	793	732	60	719	500	216
Of rectum, rectosigmoid junction, and anus (154)	105	104	1	62	59	3	97	92	4	106	81	25
Of liver and intrahepatic bile ducts (155)	76	73	2	59	51	5	147	135	11	187	130	55
Liver, primary (155.0)	46	46	2	19	17	1	72	64	7	70	46	23
Intrahepatic bile ducts (155.1)	18	18	-	18	14	3	20	20	-	12	12	-
Liver, not specified as primary or secondary (155.2)	9	9	-	22	20	1	55	51	4	105	72	32
Of gallbladder and extrahepatic bile ducts (156)	59	59	-	43	39	4	83	79	4	58	36	22
Of pancreas (157)	318	310	7	269	252	13	362	330	31	437	310	127
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	30	30	-	23	20	3	33	30	3	24	15	9
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	1,664	1,639	19	1,403	1,333	63	2,790	2,580	209	2,689	1,941	742
Of larynx (161)	41	41	-	35	29	6	63	57	6	84	49	35
Of trachea, bronchus, and lung (162)	1,600	1,576	18	1,356	1,293	56	2,702	2,499	202	2,580	1,871	703
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	23	22	1	12	11	1	25	24	1	25	21	4

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
Malignant neoplasms, etc.—Con.												
Malignant neoplasms of bone, connective tissue, skin, and												
breast (170-175)	727	718	5	603	575	27	858	794	62	847	619	220
Of bone and articular cartilage (170)	12	11	1	14	14	—	39	38	1	20	11	9
Of connective and other soft tissue (171)	49	44	2	37	36	1	44	41	3	51	35	14
Melanoma of skin (172)	80	80	—	63	62	1	81	80	1	75	73	2
Other malignant neoplasms of skin (173)	24	24	—	25	25	—	47	44	3	23	18	5
Of female breast (174)	555	552	2	459	433	25	642	588	52	673	480	187
Of male breast (175)	7	7	—	5	5	—	5	3	2	5	2	3
Malignant neoplasms of genital organs (179-187)	734	720	14	554	515	33	791	729	62	852	510	340
Of cervix uteri (180)	51	50	1	44	39	4	82	77	5	91	45	46
Of other parts of uterus (179,181-182)	69	68	1	77	69	8	90	80	10	103	52	51
Of ovary and other uterine adnexa (183)	174	172	2	122	115	4	184	178	6	144	108	35
Of other and unspecified female genital organs (184)	13	13	—	18	18	—	15	14	1	16	11	5
Of prostate (185)	423	413	10	288	269	17	412	372	40	491	292	199
Of testis (186)	2	2	—	4	4	—	5	5	—	5	2	3
Of penis and other male genital organs (187)	2	2	—	1	1	—	3	3	—	2	—	1
Malignant neoplasms of urinary organs (188-189)	300	295	4	233	219	14	301	283	18	290	230	59
Of bladder (188)	132	131	1	102	93	9	154	143	11	119	94	25
Of kidney and other and unspecified urinary organs (189)	168	165	3	131	126	5	147	140	7	171	136	34
Malignant neoplasms of other and unspecified sites (190-199)	438	434	3	394	380	12	814	763	50	902	645	254
Of eye (190)	2	2	—	4	4	—	3	3	—	3	2	1
Of brain (191)	115	113	2	126	122	4	194	188	6	163	129	32
Of other and unspecified parts of nervous system (192)	2	2	—	2	2	—	3	2	1	2	1	1
Of thyroid gland and other endocrine glands and related structures (193-194)	26	26	—	15	15	—	27	26	1	22	13	9
Of all other and unspecified sites (195-199)	293	291	1	247	237	8	587	544	42	712	500	211
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	618	615	2	561	547	13	711	670	40	758	554	202
Lymphosarcoma and reticulosarcoma (200)	38	38	—	40	40	—	17	15	2	43	35	8
Hodgkin's disease (201)	18	18	—	14	13	1	28	26	2	34	28	6
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	204	204	—	189	185	4	253	245	7	233	193	39
Multiple myeloma and immunoproliferative neoplasms (203)	107	106	1	93	91	2	127	115	12	161	88	73
Leukemia (204-208)	251	249	1	225	218	6	286	269	17	287	210	76
Lymphoid leukemia (204)	83	83	—	67	65	2	98	90	8	80	60	20
Myeloid leukemia (205)	76	74	1	98	95	3	110	105	5	123	90	32
Monocytic leukemia (206)	4	4	—	3	3	—	3	2	1	3	1	2
Other and unspecified leukemia (207-208)	88	88	—	57	55	1	75	72	3	81	59	22
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	73	73	—	55	52	2	86	78	8	142	94	48
Benign neoplasms (210-229)	23	23	—	12	11	—	12	11	1	29	13	16
Of female genital organs (218-221)	—	—	—	—	—	—	1	1	—	1	—	1
Of eye, brain, and other parts of nervous system (224-225)	12	12	—	7	7	—	7	7	—	19	12	7
Of all other and unspecified sites (210-217,222-223,226-229)	11	11	—	5	4	—	4	3	1	9	1	8
Carcinoma in situ (230-234)	—	—	—	—	—	—	—	—	—	—	—	—
Of breast and genitourinary system (233)	—	—	—	—	—	—	—	—	—	—	—	—
Of all other and unspecified sites (230-232,234)	—	—	—	—	—	—	—	—	—	—	—	—
Neoplasms of uncertain behavior (235-236)	24	24	—	11	11	—	20	19	1	29	20	9
Neoplasms of unspecified nature (239)	26	26	—	32	30	2	54	48	6	84	61	23
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	746	733	10	656	610	41	1,100	986	113	1,563	840	715
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	694	683	8	601	557	39	1,041	931	109	1,504	810	686
Disorders of thyroid gland (240-246)	5	5	—	10	10	—	19	16	3	20	12	8
Diabetes mellitus (250)	538	528	7	473	435	33	823	734	88	1,235	672	556
Disorders of the pituitary gland and its hypothalamic control (253)	3	3	—	1	1	—	6	6	—	5	2	3
Diseases of thymus gland (254)	—	—	—	—	—	—	—	—	—	1	1	—
Disorders of adrenal glands (255)	5	5	—	3	3	—	5	4	1	3	3	—
Cystic fibrosis (277.0)	6	6	—	4	4	—	9	9	—	5	3	2
Obesity (278.0)	22	21	1	22	22	—	16	13	3	75	32	43
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	115	115	—	88	82	6	163	149	14	160	85	74
Nutritional deficiencies (260-269)	52	50	2	55	53	2	59	55	4	59	30	29
Nutritional marasmus (261)	7	6	1	2	1	1	10	9	1	13	4	9
Other protein-calorie malnutrition (262-263)	44	43	1	49	48	1	41	39	2	44	25	19
All other nutritional deficiencies (260,264-269)	1	1	—	4	4	—	8	7	1	2	1	1
IV. Diseases of blood and blood-forming organs (280-289)	104	103	1	96	91	5	146	129	17	165	107	57
Anemias (280-285)	55	54	1	51	48	3	87	72	15	98	54	44
Deficiency anemias (280-281)	5	5	—	2	2	—	10	10	—	7	5	2
Hemolytic anemias (282-283)	7	6	1	8	7	1	18	9	9	27	4	23
Aplastic anemia (284)	24	24	—	19	18	1	26	25	1	29	25	4
Other and unspecified anemias (285)	19	19	—	22	21	1	33	28	5	35	20	15
Purpura and other hemorrhagic conditions (287)	7	7	—	8	8	—	10	10	—	11	9	2
All other diseases of blood and blood-forming organs (286,288-289)	42	42	—	37	35	2	49	47	2	56	44	11
V. Mental disorders (290-319)	383	380	3	285	270	15	390	352	37	288	184	104
Senile and presenile organic psychotic conditions (290)	154	153	1	95	92	3	113	106	6	84	61	23
Alcoholic psychoses (291)	3	3	—	6	6	—	6	6	—	3	1	2
All other psychoses (292-299)	64	64	—	33	32	1	60	55	5	29	22	7
Alcohol dependence syndrome (303)	38	37	1	36	34	2	52	37	15	55	29	26
Drug dependence (304)	1	1	—	3	1	2	—	—	—	1	1	—
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	118	117	1	104	97	7	150	139	11	107	63	44
Mental retardation (317-319)	5	5	—	8	8	—	9	9	—	9	7	2

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	560	553	6	504	484	19	590	556	33	637	468	168
Diseases of the nervous system (320-359)	559	552	6	504	484	19	589	555	33	636	467	168
Meningitis (320-322)	8	8	—	9	7	2	15	13	2	17	8	9
Parkinson's disease (332)	115	114	1	102	101	1	89	89	—	95	80	15
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	313	309	4	261	254	6	305	291	13	298	258	40
Multiple sclerosis (340)	21	21	—	20	19	1	23	21	2	18	8	10
Infantile cerebral palsy (343)	7	7	—	10	9	1	15	14	1	15	9	6
Epilepsy (345)	17	17	—	22	19	3	28	24	4	54	22	32
Other diseases of the nervous system (323-326,341-342,344,346-359)	78	76	1	80	75	5	114	103	11	139	82	56
Disorders of the eye and adnexa (360-379)	—	—	—	—	—	—	1	1	—	—	—	—
Diseases of the ear and mastoid process (380-389)	1	1	—	—	—	—	—	—	—	1	1	—
VII. Diseases of the circulatory system (390-459)	12,785	12,643	127	10,022	9,569	387	15,669	14,563	1,087	16,260	11,306	4,915
Rheumatic fever and rheumatic heart disease (390-398)	94	91	3	49	44	2	79	77	2	49	36	12
Acute rheumatic fever (390-392)	1	1	—	—	—	—	1	1	—	—	—	—
Chronic rheumatic heart disease (393-398)	93	90	3	49	44	2	78	76	2	49	36	12
Diseases of mitral valve (394)	33	33	—	21	19	1	34	33	1	29	24	—
Diseases of aortic valve (395)	8	7	1	2	2	—	4	4	—	1	1	—
Diseases of mitral and aortic valves (396)	19	18	1	9	8	—	15	14	1	7	4	—
All other chronic rheumatic heart disease (393,397-398)	33	32	1	17	15	1	25	25	—	12	7	—
Hypertensive disease (401-404)	394	381	13	233	212	19	385	317	66	840	381	478
Essential hypertension (401)	38	36	2	38	37	1	81	62	19	77	39	38
Hypertensive heart disease (402)	248	248	—	141	129	12	224	193	29	610	250	360
Hypertensive renal disease (403)	56	55	1	34	30	4	48	34	14	94	46	47
Hypertensive heart and renal disease (404)	43	42	1	20	16	2	32	28	4	59	26	33
Ischemic heart disease (410-414)	6,420	6,384	47	5,252	5,056	166	8,268	7,764	496	8,155	6,037	2,102
Acute myocardial infarction (410)	3,199	3,171	23	2,710	2,602	85	5,326	5,014	308	4,680	3,427	1,240
Other acute and subacute forms of ischemic heart disease (411)	19	19	—	9	9	—	12	10	2	34	27	7
Angina pectoris (413)	13	13	—	8	7	1	23	23	—	16	14	1
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	3,189	3,161	24	2,525	2,438	80	2,907	2,717	186	3,425	2,569	854
Diseases of pulmonary circulation (415-417)	149	146	3	130	118	12	212	192	20	278	191	86
Other forms of heart disease (420-429)	2,718	2,680	34	2,142	2,037	91	3,438	3,144	289	3,603	2,477	1,121
Acute and subacute endocarditis (421)	8	7	1	5	4	1	8	7	1	14	9	5
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	13	12	1	5	5	—	11	9	2	13	8	5
Other diseases of endocardium (424)	196	195	1	131	129	2	152	142	9	135	105	30
Mitral valve disorders (424.0)	27	27	—	23	23	—	29	25	4	14	10	4
Aortic valve disorders (424.1)	121	121	—	83	81	2	90	85	4	98	82	16
All other diseases of endocardium (424.2-424.9)	48	47	1	25	25	—	33	32	1	23	13	10
Heart failure (428)	636	627	9	590	563	20	1,021	943	78	804	567	237
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	30	30	—	6	6	—	12	12	—	54	29	25
All other ill-defined forms of heart disease (425-427,429.2-429.9)	1,835	1,809	22	1,405	1,330	68	2,234	2,031	199	2,583	1,759	819
Cerebrovascular diseases (430-438)	2,142	2,121	21	1,622	1,532	79	2,513	2,325	185	2,472	1,558	901
Subarachnoid hemorrhage (430)	58	58	—	57	51	5	97	89	8	137	79	58
Intracerebral and other intracranial hemorrhage (431-432)	213	213	—	214	198	13	301	274	24	327	182	140
Occlusion and stenosis of precerebral arteries (433)	210	210	1	16	15	1	24	24	—	17	13	4
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	266	263	3	202	185	16	342	314	28	298	213	81
Cerebral embolism (434.1)	11	11	—	11	11	—	11	11	—	9	7	2
Acute but ill-defined cerebrovascular disease (436)	1,316	1,303	13	935	891	40	1,475	1,368	107	1,428	873	551
Other and late effects of cerebrovascular diseases (435,437-438)	257	253	4	187	181	4	263	245	18	256	191	65
Diseases of arteries, arterioles, and capillaries (440-448)	814	807	5	559	537	16	713	687	25	786	607	178
Atherosclerosis (440)	458	454	—	274	265	7	313	298	14	422	327	94
Aortic aneurysm (441)	252	248	3	189	179	6	272	265	7	228	185	43
All other diseases of arteries, arterioles, and capillaries (442-448)	107	105	2	96	93	3	128	124	4	136	95	41
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	54	53	1	35	33	2	61	57	4	77	39	37
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	26	25	1	16	15	1	26	26	—	29	11	17
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	28	28	—	19	18	1	35	31	4	48	28	20
VIII. Diseases of the respiratory system (460-519)	2,639	2,621	12	2,138	2,048	69	3,363	3,207	152	2,597	1,961	632
Diseases of the upper respiratory tract (460-465,470-478)	5	5	—	6	4	2	9	8	1	17	9	8
Acute upper respiratory infections (460-465)	2	2	—	3	2	1	6	5	1	11	7	4
Other diseases of upper respiratory tract (470-478)	3	3	—	3	2	1	3	3	—	6	2	4
Other diseases of the respiratory system (466,480-519)	2,634	2,616	12	2,132	2,044	67	3,354	3,199	151	2,580	1,952	624
Acute bronchitis and bronchiolitis (466)	8	8	—	5	5	—	20	17	3	10	6	4
Pneumonia (480-486)	1,119	1,111	6	867	820	37	1,252	1,190	59	905	638	264
Viral pneumonia (480)	8	8	—	7	6	1	3	3	—	11	3	8
Pneumococcal and other bacterial pneumonia (481-482)	64	63	—	47	44	2	78	73	5	75	54	21
Bronchopneumonia, organism unspecified (485)	76	74	2	72	69	2	64	61	3	63	41	21
Pneumonia due to other and unspecified organism (483,486)	971	966	4	741	701	32	1,107	1,053	51	756	540	214
Influenza (487)	66	66	—	28	27	1	37	35	2	11	11	—
Chronic obstructive pulmonary diseases and allied conditions (490-496)	1,156	1,150	4	983	950	22	1,537	1,469	67	1,219	982	236
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	302	301	1	235	221	13	377	362	15	407	302	105
Bronchitis, not specified as acute or chronic (490)	9	9	—	11	11	—	16	15	1	16	11	5
Chronic bronchitis (491)	51	51	—	44	43	1	66	66	—	35	25	10
Emphysema (492)	184	184	—	132	129	3	236	224	12	263	210	53
Asthma (493)	58	57	1	48	38	9	59	57	2	93	56	37
Bronchiectasis and extrinsic allergic alveolitis (494-495)	14	14	—	9	9	—	14	13	1	16	14	2
Chronic airways obstruction, not elsewhere classified (496)	840	835	3	739	720	9	1,146	1,094	51	796	666	129
Pneumoconiosis and other lung diseases due to external agents (500-508)	114	111	2	79	77	2	203	195	8	135	94	41
Empyema and abscess of lung and mediastinum (510,513)	8	8	—	10	10	—	12	10	2	16	10	6
Pleurisy (511)	9	9	—	8	8	—	16	15	1	9	5	4
All other diseases of respiratory system (512,514-519)	154	153	—	152	147	5	277	268	9	275	206	69

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	940	926	13	720	685	32	1,201	1,111	88	1,173	799	367
Diseases of oral cavity, salivary glands, and jaws (520-529)	1	1	-	1	1	-	1	1	-	2	1	1
Diseases of other parts of the digestive system (530-579)	939	925	13	719	684	32	1,200	1,110	88	1,171	798	366
Ulcer of stomach and duodenum (531-533)	102	101	1	70	70	-	86	82	4	78	57	20
Gastric ulcer (531)	35	35	-	24	24	-	21	20	1	24	19	5
Duodenal ulcer (532)	34	33	1	24	24	-	27	25	2	16	12	4
Peptic ulcer, site unspecified (533)	33	33	-	22	22	-	38	37	1	38	26	11
Gastritis and duodenitis (535)	16	16	-	10	9	1	12	10	2	13	8	5
Appendicitis (540-543)	9	9	-	5	4	1	4	4	-	7	2	5
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	102	98	4	77	72	5	84	78	6	99	62	36
Regional enteritis and idiopathic proctocolitis (555-556)	6	6	-	10	8	2	10	9	-	6	5	1
All other noninfective gastroenteritis and colitis (557-558)	119	118	1	91	86	5	152	147	5	95	76	19
Diverticula of intestine (562)	63	63	-	40	36	3	77	75	2	42	32	9
Chronic liver disease and cirrhosis (571)	207	201	5	165	154	9	351	320	30	372	271	100
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	94	90	3	63	57	5	153	134	18	153	99	54
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	20	20	-	11	10	1	22	22	-	20	18	2
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	93	91	2	91	87	3	176	164	12	199	154	44
Cholelithiasis and other disorders of gallbladder (574-575)	53	52	1	22	22	-	66	62	4	42	24	18
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	262	261	1	229	223	6	358	323	35	417	261	153
X. Diseases of the genitourinary system (580-629)	356	348	7	356	328	24	695	613	82	868	491	376
Diseases of urinary system (580-599)	349	341	7	344	317	24	684	604	80	853	482	370
Nephritis, nephrotic syndrome, and nephrosis (580-589)	167	162	4	215	194	19	390	335	55	487	261	225
Acute glomerulonephritis (580)	4	-	-	1	1	-	2	2	-	2	1	3
Nephrotic syndrome (581)	4	4	-	-	-	-	1	-	1	5	2	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	29	28	1	19	19	-	17	15	2	39	21	18
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	134	130	3	195	174	19	370	318	52	441	237	203
Infections of kidney (590)	19	18	1	14	14	-	32	26	6	35	23	12
Urinary calculus (592,594)	4	4	-	2	2	-	6	5	1	1	1	-
All other diseases of urinary system (591,593,595-599)	159	157	2	113	107	5	256	238	18	330	197	133
Diseases of male genital organs (600-608)	6	6	-	7	7	-	8	6	2	12	6	6
Hyperplasia of prostate (600)	3	3	-	5	5	-	4	3	1	4	1	3
Other diseases of male genital organs (601-608)	3	3	-	2	2	-	4	3	1	8	5	3
Disorders of breast (610-611)	-	-	-	-	-	-	-	-	-	1	1	-
Diseases of female genital organs except breast (614-629)	1	1	-	5	4	-	3	3	-	2	2	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	3	3	-	3	3	-	7	7	-	12	6	6
Pregnancy with abortive outcome (630-638)	1	1	-	-	-	-	-	-	-	1	-	1
Ectopic pregnancy (633)	1	1	-	-	-	-	-	-	-	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	-	2	2	-	7	7	-	9	5	4
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	1	1	-	2	2	-	2	2	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	1	1	-	2	2	-	2	2	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	1	1	-	-	-	-	2	2	-	4	3	1
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	-	-	-	-	2	1	1
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	34	34	-	28	25	3	43	33	10	110	48	62
Infections of skin and subcutaneous tissue (690-696)	11	11	-	12	11	1	4	4	-	11	6	5
All other diseases of skin and subcutaneous tissue (690-709)	23	23	-	16	14	2	39	29	10	99	42	57
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	113	111	2	81	79	1	141	124	16	136	90	46
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	28	28	-	23	23	-	38	32	5	31	22	9
Other arthropathies and related disorders (710-712,715-719)	51	51	-	34	32	1	54	47	7	75	43	32
Dorsopathies (720-724)	3	3	-	2	2	-	6	6	-	6	5	1
Rheumatism, excluding the back (725-729)	10	9	1	3	3	-	10	8	2	10	7	3
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	21	20	1	19	19	-	33	31	2	14	13	1
XIV. Congenital anomalies (740-759)	159	148	6	141	129	12	212	186	26	253	152	100
Spina bifida (741)	2	2	-	2	2	-	8	8	-	1	1	-
All other congenital anomalies of nervous system (740,742)	14	14	-	21	20	1	25	21	4	38	22	16
Congenital anomalies of heart (745-746)	60	53	4	51	48	3	85	77	8	96	58	38
Other congenital anomalies of circulatory system (747)	19	18	1	17	15	2	21	19	2	22	13	9
All other congenital anomalies (743-744,748-759)	64	61	1	50	44	6	73	61	12	96	58	37

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	133	114	15	104	84	15	173	131	40	410	154	254
Birth trauma (767)	-	-	-	3	2	1	2	2	-	4	2	2
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	26	25	1	15	13	1	45	38	6	96	36	60
Other conditions originating in the perinatal period (760-766,770-779)	107	89	14	86	69	13	126	91	34	310	116	192
XVI. Symptoms, signs, and ill-defined conditions (780-799)	160	152	4	353	304	47	275	240	34	308	187	121
Senility without mention of psychosis (797)	29	29	-	33	32	1	14	13	1	8	7	1
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	131	123	4	320	272	46	261	227	33	300	180	120
Supplementary classification of external causes of injury and poisoning (E800-E999)	1,534	1,494	27	1,408	1,261	119	2,445	2,262	176	3,180	1,899	1,258
Accidents and adverse effects (E800-E949)	1,147	1,119	19	974	895	61	1,722	1,609	108	1,913	1,276	625
Transport accidents (E800-E848)	576	562	9	491	456	23	848	801	43	996	691	297
Railway accidents (E800-E807)	6	6	-	7	6	1	16	13	2	10	7	3
Motor vehicle accidents (E810-E825)	551	537	9	462	428	22	811	767	41	909	630	272
Motor vehicle traffic accidents (E810-E819)	533	520	8	447	415	20	790	747	40	890	615	268
Involving collision with train (E810)	8	8	-	21	19	-	6	6	-	26	18	8
Involving collision with another motor vehicle (E811-E812)	260	254	4	183	171	9	322	304	16	238	180	56
Involving collision with pedestrian (E814)	39	37	1	36	33	2	82	76	6	134	68	66
Involving collision with other vehicle or object (E813,E815)	135	132	2	81	76	4	175	165	10	81	57	24
Not involving collision on highway (E816-E818)	80	78	1	78	71	4	148	144	4	152	107	43
Motor vehicle traffic accident of unspecified nature (E819)	11	11	-	48	45	1	57	52	4	259	185	71
Motor vehicle nontraffic accidents (E820-E825)	18	17	1	15	13	2	21	20	1	19	15	4
Other road vehicle accidents (E826-E829)	3	3	-	4	4	-	1	1	-	5	5	-
Water transport accidents (E830-E838)	6	6	-	7	7	-	10	10	-	58	36	22
Air and space transport accidents (E840-E845)	8	8	-	11	11	-	9	9	-	14	13	-
Vehicle accidents not elsewhere classifiable (E846-E848)	2	2	-	-	-	-	1	1	-	-	-	-
Accidental poisoning (E850-E869)	57	55	2	47	40	5	90	83	7	87	57	30
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	30	29	1	29	25	3	50	45	5	68	46	22
Accidental poisoning by other solid or liquid substances (E860-E866)	5	5	-	5	3	1	13	12	1	9	5	4
Accidental poisoning by gases and vapors (E867-E869)	22	21	1	13	12	1	27	26	1	10	6	4
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	23	23	-	19	19	-	47	40	7	57	34	23
Accidental falls (E880-E888)	229	225	2	140	135	5	205	198	7	178	139	39
Fall from one level to another (E880-E884)	50	50	-	32	29	3	43	41	2	25	18	7
Fall on same level (E885-E886)	25	23	1	9	9	-	11	11	-	6	5	1
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	154	152	1	99	97	2	151	146	5	147	116	31
Accidents caused by fire and flames (E890-E899)	44	43	-	56	43	13	127	103	23	137	57	79
Other accidents, including late effects (E900-E929)	218	211	6	219	200	15	404	383	21	455	296	156
Lightning (E907)	2	2	-	1	1	-	6	6	-	2	2	-
Accidental drowning and submersion (E910)	32	29	2	27	22	4	61	58	3	143	82	58
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	48	47	1	51	46	3	77	73	4	80	52	28
Accident caused by handgun (E922.0)	2	2	-	5	5	-	8	8	-	5	5	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	9	9	-	16	15	1	39	35	4	34	23	11
Accident caused by explosive material (E923)	1	1	-	7	7	-	18	17	1	3	3	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	1	1	-	1	1	-	2	2	-	2	1	1
Accident caused by electric current (E925)	10	10	-	10	10	-	19	19	-	25	19	6
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	113	110	3	101	93	7	174	165	9	161	109	52
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	-	-	-	2	2	-	1	1	-	3	2	1
Suicide (E950-E959)	315	312	2	285	267	13	482	458	22	542	432	106
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	23	23	-	24	23	-	29	29	-	43	38	5
Suicide by other solid or liquid substances (E950.6-E950.9)	1	1	-	1	1	-	7	7	-	7	5	2
Suicide by gases and vapors (E951-E952)	58	58	-	39	38	1	21	20	1	10	10	-
Suicide by hanging, strangulation, and suffocation (E953)	52	51	1	33	31	1	49	44	4	51	30	19
Suicide by handgun (E955.0)	22	22	-	22	17	5	74	72	2	26	23	3
Suicide by all other and unspecified firearms (E955.1-E955.4)	148	146	1	159	152	4	284	270	13	381	312	67
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	11	11	-	7	5	2	18	16	2	24	14	10
Homicide and legal intervention (E960-E978)	55	49	5	133	87	42	215	169	46	685	164	514
Assault by handgun (E965.0)	2	2	-	8	6	2	19	15	4	8	5	3
Assault by all other and unspecified firearms (E965.1-E965.4)	24	20	4	69	43	26	127	107	20	467	101	360
Assault by cutting and piercing instrument (E966)	14	13	-	20	14	4	30	19	11	123	28	94
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	13	12	1	32	22	9	35	25	10	82	29	53
Legal execution (E978)	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	2	2	-	4	2	1	4	3	1	5	1	4
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	17	14	1	16	12	3	25	25	-	40	27	13
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	5	4	1	8	6	2	7	7	-	10	7	3
From poisoning by other solid or liquid substances (E980.6-E980.9)	2	2	-	-	-	-	-	-	-	1	1	-
From injury by handgun (E985.0)	-	-	-	2	2	-	-	-	-	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	4	3	-	1	1	-	7	7	-	11	9	2
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	6	5	-	5	3	1	11	11	-	18	10	8
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	1	1	-	-	-	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	11,185	11,146	5	38,353	28,853	9,218	53,922	51,716	1,915	78,861	66,358	11,975
I. Infectious and parasitic diseases (001-139)	167	166	-	1,276	731	537	1,276	1,131	134	1,182	815	362
Intestinal infectious diseases (001-009)	1	1	-	11	7	4	14	14	-	7	4	3
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	1	1	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	1	1	-	3	-	3	4	4	-	-	-	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	-	-	-	3	3	-	6	6	-	3	3	-
Ill-defined intestinal infections (009)	-	-	-	4	3	1	4	4	-	4	1	3
Tuberculosis (010-018)	6	5	-	25	10	13	25	22	2	46	25	20
Tuberculosis of respiratory system (010-012)	5	4	-	16	8	7	22	21	1	34	19	14
Other tuberculosis (013-018)	1	1	-	9	2	6	3	1	1	12	6	6
Zoonotic and other bacterial diseases (020-041)	89	89	-	672	459	209	651	601	42	555	437	117
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	1	-	1	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	1	1	-	-	-	-
Meningococcal infection (036)	1	1	-	9	9	-	4	4	-	7	5	2
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	85	85	-	631	432	195	619	570	42	522	409	112
All other bacterial diseases (020-022,024-031,039-041)	3	3	-	31	18	13	27	26	-	26	23	3
Viral diseases (*042-*044,045-079)	55	55	-	464	203	259	486	404	81	415	244	171
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	1	1	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	1	1	-	-	-	-	-	-	-
Viral hepatitis (070)	10	10	-	28	21	6	37	36	1	29	24	5
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	45	45	-	435	181	253	448	367	80	386	220	166
Rickettsioses and other arthropod-borne diseases (080-089)	-	-	-	-	-	-	1	1	-	1	1	-
Typhus and other rickettsioses (080-083)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	1	1	-	1	1	-
Syphilis and other venereal diseases (090-099)	-	-	-	1	-	1	5	5	-	5	3	2
Syphilis (090-097)	-	-	-	1	-	1	4	4	-	5	3	2
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	2	1	1
Neurosyphilis (094)	-	-	-	-	-	-	4	4	-	2	1	1
All other syphilis (090-091,095-097)	-	-	-	1	-	1	-	-	-	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)	16	16	-	103	52	51	94	84	9	153	101	49
Mycoses (110-118)	6	6	-	50	28	22	50	46	4	87	61	23
Helminthiasis (120-129)	-	-	-	-	-	-	-	-	-	-	-	-
Late effects of tuberculosis (137)	1	1	-	5	3	2	9	9	-	4	4	-
Late effects of acute poliomyelitis (138)	-	-	-	1	1	-	4	4	-	8	8	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	9	9	-	47	20	27	31	25	5	54	28	26
II. Neoplasms (140-239)	2,877	2,870	-	9,620	7,486	2,065	13,851	13,344	423	18,511	16,004	2,390
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-209)	2,815	2,808	-	9,498	7,390	2,042	13,630	13,133	414	18,337	15,856	2,365
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	49	49	-	165	111	54	237	225	9	264	216	46
Of lip (140)	-	-	-	2	2	-	2	2	-	3	3	-
Of tongue (141)	9	9	-	47	29	18	61	57	4	66	52	13
Of pharynx (146-149.0)	26	26	-	77	50	27	108	100	5	115	94	21
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	14	14	-	39	30	9	66	66	-	80	67	12
Malignant neoplasms of digestive organs and peritoneum (150-159)	673	671	-	2,331	1,735	571	3,534	3,378	124	4,402	3,750	626
Of esophagus (150)	62	62	-	259	155	103	281	258	21	368	292	75
Of stomach (151)	59	59	-	264	175	82	436	413	19	492	401	88
Of small intestine, including duodenum (152)	6	6	-	11	6	5	13	12	1	39	34	5
Of colon (153)	277	275	-	920	738	176	1,433	1,376	49	1,792	1,566	220
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	4	4	-	5	4	1	9	9	-	12	11	1
Descending colon (153.2)	2	2	-	1	1	-	2	2	-	7	7	-
Sigmoid colon (153.3)	7	7	-	13	12	1	38	37	1	36	32	3
Cecum, appendix, and ascending colon (153.4-153.6)	17	17	-	17	15	2	49	49	-	70	60	10
Other and colon, unspecified (153.8-153.9)	247	245	-	884	706	172	1,335	1,279	48	1,667	1,456	206
Of rectum, rectosigmoid junction, and anus (154)	44	44	-	142	107	32	269	262	4	292	250	40
Of liver and intrahepatic bile ducts (155)	34	34	-	195	143	46	218	201	7	269	222	41
Liver, primary (155.0)	17	17	-	73	52	18	104	93	4	109	78	25
Intrahepatic bile ducts (155.1)	9	9	-	24	19	5	28	27	-	46	44	2
Liver, not specified as primary or secondary (155.2)	8	8	-	98	72	23	86	81	3	114	100	14
Of gallbladder and extrahepatic bile ducts (156)	23	23	-	64	54	9	115	112	2	144	128	16
Of pancreas (157)	138	138	-	428	314	113	694	669	21	910	773	129
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	30	30	-	48	43	5	75	75	-	96	84	12
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	831	829	-	2,760	2,184	565	3,556	3,437	105	5,168	4,425	699
Of larynx (161)	16	16	-	95	64	31	96	91	4	128	106	22
Of trachea, bronchus, and lung (162)	808	805	-	2,629	2,095	523	3,431	3,320	99	4,986	4,273	670
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	7	7	-	36	25	11	29	26	2	54	46	7

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
Malignant neoplasms, etc.—Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	292	291	-	1,018	839	175	1,584	1,533	44	2,051	1,817	227
Of bone and articular cartilage (170)	5	5	-	15	13	2	28	27	1	41	37	4
Of connective and other soft tissue (171)	15	15	-	42	31	10	80	74	4	118	98	20
Melanoma of skin (172)	42	42	-	114	111	3	175	175	-	184	181	3
Other malignant neoplasms of skin (173)	8	8	-	55	40	14	71	68	3	54	52	2
Of female breast (174)	221	220	-	788	640	146	1,219	1,178	36	1,644	1,443	194
Of male breast (175)	1	1	-	4	4	-	11	11	-	10	6	4
Malignant neoplasms of genital organs (179-187)	306	306	-	1,035	750	279	1,416	1,358	48	2,078	1,764	301
Of cervix uteri (180)	17	17	-	81	55	26	98	88	7	170	129	38
Of other parts of uterus (179,181-182)	34	34	-	116	82	33	145	137	7	225	191	33
Of ovary and other uterine adnexa (183)	63	63	-	197	164	30	338	328	6	495	458	34
Of other and unspecified female genital organs (184)	5	5	-	28	23	5	36	35	-	40	36	3
Of prostate (185)	185	185	-	597	416	179	779	750	28	1,126	929	192
Of testis (186)	1	1	-	8	4	4	9	9	-	15	14	1
Of penis and other male genital organs (187)	1	1	-	8	6	2	11	11	-	7	7	-
Malignant neoplasms of urinary organs (188-189)	140	140	-	392	322	64	623	605	16	731	654	76
Of bladder (188)	74	74	-	204	176	27	325	318	6	372	338	34
Of kidney and other and unspecified urinary organs (189)	66	66	-	188	146	37	298	287	10	359	316	42
Malignant neoplasms of other and unspecified sites (190-199)	304	303	-	989	792	192	1,483	1,428	43	1,839	1,615	209
Of eye (190)	-	-	-	3	2	1	3	2	1	12	10	2
Of brain (191)	66	65	-	190	169	20	251	246	4	442	394	43
Of other and unspecified parts of nervous system (192)	2	2	-	11	8	3	9	9	-	17	15	2
Of thyroid gland and other endocrine glands and related structures (193-194)	8	8	-	25	18	6	38	38	-	55	51	3
Of all other and unspecified sites (195-199)	228	228	-	760	595	162	1,182	1,133	38	1,313	1,145	159
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	220	219	-	808	657	142	1,197	1,169	25	1,804	1,615	181
Lymphosarcoma and reticulosarcoma (200)	19	19	-	49	45	3	55	54	1	68	63	5
Hodgkin's disease (201)	8	8	-	26	17	9	49	48	1	68	59	8
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	78	77	-	258	224	32	421	413	7	594	557	36
Multiple myeloma and immunoproliferative neoplasms (203)	42	42	-	160	107	50	240	227	12	323	273	49
Leukemia (204-208)	73	73	-	315	264	48	432	427	4	751	663	83
Lymphoid leukemia (204)	24	24	-	95	81	13	133	131	1	228	199	26
Myeloid leukemia (205)	29	29	-	120	101	18	181	178	3	271	241	29
Monocytic leukemia (206)	3	3	-	4	4	-	6	6	-	22	20	2
Other and unspecified leukemia (207-208)	17	17	-	96	78	17	112	112	-	230	203	26
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	62	62	-	122	96	23	221	211	9	174	148	25
Benign neoplasms (210-229)	7	7	-	19	13	6	44	38	5	64	51	12
Of female genital organs (218-221)	-	-	-	-	-	-	1	1	-	1	-	1
Of eye, brain, and other parts of nervous system (224-225)	2	2	-	12	10	2	29	24	4	37	28	8
Of all other and unspecified sites (210-217,222-223,226-229)	5	5	-	7	3	4	14	13	1	26	23	3
Carcinoma in situ (230-234)	-	-	-	-	-	-	1	1	-	1	1	-
Of breast and genitourinary system (233)	-	-	-	-	-	-	1	1	-	1	1	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	16	16	-	32	28	3	42	41	1	58	55	3
Neoplasms of unspecified nature (239)	39	39	-	71	55	14	134	131	3	51	41	10
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	349	343	-	1,353	962	384	1,760	1,672	77	2,693	2,180	483
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	326	321	-	1,313	933	374	1,703	1,615	77	2,578	2,093	466
Disorders of thyroid gland (240-246)	6	6	-	15	10	5	28	28	-	34	30	4
Diabetes mellitus (250)	257	253	-	1,046	743	298	1,342	1,275	59	2,067	1,668	380
Disorders of the pituitary gland and its hypothalamic control (253)	1	1	-	6	5	1	6	6	-	10	10	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	2	1	1
Disorders of adrenal glands (255)	-	-	-	5	5	-	5	5	-	12	9	3
Cystic fibrosis (277.0)	4	4	-	5	4	1	17	17	-	16	14	2
Obesity (278.0)	7	7	-	29	21	8	29	28	1	57	40	17
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	51	50	-	207	145	61	276	256	17	380	321	59
Nutritional deficiencies (260-269)	23	22	-	40	29	10	57	57	-	115	97	17
Nutritional marasmus (261)	-	-	-	2	2	-	3	3	-	14	13	1
Other protein-calorie malnutrition (262-263)	22	21	-	34	25	9	49	49	-	91	76	14
All other nutritional deficiencies (260,264-269)	1	1	-	4	2	1	5	5	-	10	8	2
IV. Diseases of blood and blood-forming organs (280-289)	55	55	-	186	132	53	213	203	8	298	241	54
Anemias (280-285)	22	22	-	94	73	21	96	89	6	142	112	29
Deficiency anemias (280-281)	2	2	-	4	4	-	6	6	-	10	10	-
Hemolytic anemias (282-283)	1	1	-	19	5	14	6	5	1	28	13	15
Aplastic anemia (284)	11	11	-	29	28	1	29	27	1	60	54	5
Other and unspecified anemias (285)	8	8	-	42	36	6	55	51	4	44	35	9
Purpura and other hemorrhagic conditions (287)	5	5	-	24	14	9	24	24	-	30	24	5
All other diseases of blood and blood-forming organs (286,289-289)	28	28	-	68	45	23	93	90	2	126	105	20
V. Mental disorders (290-319)	156	153	-	470	333	136	601	579	18	898	672	220
Senile and presenile organic psychotic conditions (290)	62	62	-	147	128	19	233	227	3	186	166	19
Alcoholic psychoses (291)	6	6	-	9	5	4	7	7	-	18	14	4
All other psychoses (292-299)	29	29	-	82	71	11	165	163	1	99	86	13
Alcohol dependence syndrome (303)	29	26	-	108	42	66	58	53	5	157	107	46
Drug dependence (304)	-	-	-	8	6	2	11	11	-	18	10	8
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	29	29	-	106	77	29	121	112	9	411	281	129
Mental retardation (317-319)	1	1	-	10	4	5	6	6	-	9	8	1

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	228	227	-	739	615	122	1,177	1,141	28	1,344	1,166	174
Diseases of the nervous system (320-359)	227	226	-	738	615	121	1,175	1,139	28	1,339	1,163	172
Meningitis (320-322)	2	2	-	21	12	8	21	20	1	25	17	8
Parkinson's disease (332)	47	46	-	129	118	11	212	209	2	208	197	11
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	133	133	-	363	329	34	635	623	10	572	535	35
Multiple sclerosis (340)	11	11	-	30	21	9	60	58	2	97	85	12
Infantile cerebral palsy (343)	-	-	-	21	12	9	12	11	1	36	30	6
Epilepsy (345)	3	3	-	14	7	7	32	27	5	123	79	43
Other diseases of the nervous system (323-326,341-342,344,346-359)	31	31	-	160	116	43	203	191	7	278	220	57
Disorders of the eye and adnexa (360-379)	-	-	-	-	-	-	2	2	-	-	-	-
Diseases of the ear and mastoid process (380-389)	1	1	-	1	-	1	-	-	-	5	3	2
VII. Diseases of the circulatory system (390-459)	4,923	4,916	-	15,301	12,126	3,083	22,830	22,139	607	35,482	30,667	4,600
Rheumatic fever and rheumatic heart disease (390-398)	39	39	-	85	70	15	171	167	4	221	193	25
Acute rheumatic fever (390-392)	2	2	-	5	5	-	2	1	1	3	2	1
Chronic rheumatic heart disease (393-398)	37	37	-	80	65	15	169	166	3	218	191	24
Diseases of mitral valve (394)	11	11	-	35	31	4	71	70	1	111	100	9
Diseases of aortic valve (395)	4	4	-	-	-	-	4	4	-	9	8	-
Diseases of mitral and aortic valves (396)	5	5	-	11	6	5	14	14	-	39	31	8
All other chronic rheumatic heart disease (393,397-398)	17	17	-	34	28	6	80	78	2	59	52	7
Hypertensive disease (401-404)	133	133	-	786	467	316	633	594	34	1,017	769	242
Essential hypertension (401)	30	30	-	74	53	21	115	107	6	115	93	22
Hypertensive heart disease (402)	70	70	-	571	338	230	389	371	17	656	480	172
Hypertensive renal disease (403)	23	23	-	81	46	35	86	80	5	151	120	30
Hypertensive heart and renal disease (404)	10	10	-	60	30	30	43	36	6	95	76	18
Ischemic heart disease (410-414)	2,626	2,622	-	6,149	5,241	884	12,298	12,034	227	20,097	18,048	1,924
Acute myocardial infarction (410)	1,313	1,311	-	3,550	2,998	533	5,985	5,858	102	10,512	9,457	974
Other acute and subacute forms of ischemic heart disease (411)	17	17	-	54	50	4	10	10	-	51	46	5
Angina pectoris (413)	14	14	-	26	21	5	37	37	-	36	32	4
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	1,280	1,280	-	2,519	2,172	342	6,266	6,129	125	9,498	8,513	941
Diseases of pulmonary circulation (415-417)	70	69	-	248	180	66	257	239	18	357	281	73
Other forms of heart disease (420-429)	999	999	-	4,995	3,821	1,145	4,678	4,479	179	6,672	5,179	1,459
Acute and subacute endocarditis (421)	2	2	-	12	10	2	26	20	6	42	27	14
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	6	6	-	8	4	4	7	6	1	27	20	7
Other diseases of endocardium (424)	61	61	-	166	143	21	367	359	8	388	343	41
Mitral valve disorders (424.0)	8	8	-	32	26	4	52	52	-	65	57	7
Aortic valve disorders (424.1)	40	40	-	105	95	10	247	242	5	241	214	24
All other diseases of endocardium (424.2-424.9)	13	13	-	29	22	7	68	65	3	82	72	10
Heart failure (428)	212	212	-	617	519	97	1,085	1,058	26	1,188	1,057	128
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	4	4	-	325	250	68	6	3	2	35	26	8
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	714	714	-	3,867	2,895	953	3,187	3,033	136	4,992	3,706	1,261
Cerebrovascular diseases (430-438)	726	725	-	2,284	1,738	518	3,430	3,305	105	5,198	4,459	707
Subarachnoid hemorrhage (430)	27	26	-	112	75	32	180	168	8	277	216	55
Intracerebral and other intracranial hemorrhage (431-432)	94	94	-	396	287	101	494	458	28	768	605	158
Occlusion and stenosis of precerebral arteries (433)	7	7	-	16	11	4	23	22	1	55	53	2
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	86	86	-	259	212	45	523	514	8	946	808	136
Cerebral embolism (434.1)	2	2	-	6	6	-	18	17	1	29	28	1
Acute but ill-defined cerebrovascular disease (436)	412	412	-	1,262	980	272	1,671	1,622	45	2,404	2,127	263
Other and late effects of cerebrovascular diseases (435,437-438)	98	98	-	233	167	64	521	504	14	719	622	92
Diseases of arteries, arterioles, and capillaries (440-448)	312	311	-	655	553	108	1,259	1,229	35	1,754	1,607	136
Atherosclerosis (440)	142	142	-	246	212	34	543	522	13	837	785	47
Aortic aneurysm (441)	110	109	-	266	228	36	449	441	7	627	573	51
All other diseases of arteries, arterioles, and capillaries (442-448)	60	60	-	153	113	38	267	252	15	290	249	38
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	18	18	-	89	56	31	104	99	5	166	131	34
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	6	6	-	24	18	5	27	26	1	92	76	16
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	12	12	-	65	38	26	77	73	4	74	55	18
VIII. Diseases of the respiratory system (460-519)	961	958	1	3,088	2,483	585	4,795	4,656	121	6,341	5,595	708
Diseases of the upper respiratory tract (460-465,470-478)	2	2	-	19	14	3	16	16	-	22	20	2
Acute upper respiratory infections (460-465)	2	2	-	8	7	-	6	6	-	11	10	1
Other diseases of upper respiratory tract (470-478)	-	-	-	11	7	3	10	10	-	11	10	1
Other diseases of the respiratory system (466,480-519)	959	956	1	3,069	2,469	582	4,779	4,640	121	6,319	5,575	706
Acute bronchitis and bronchiolitis (466)	3	3	-	9	9	-	15	14	1	10	9	1
Pneumonia (480-486)	328	327	-	1,191	910	274	2,175	2,110	57	2,584	2,255	317
Viral pneumonia (480)	3	3	-	4	2	2	6	6	-	18	17	1
Pneumococcal and other bacterial pneumonia (481-482)	20	20	-	53	38	15	122	113	9	169	130	39
Bronchopneumonia, organism unspecified (485)	22	22	-	106	74	32	124	118	6	152	124	28
Pneumonia due to other and unspecified organism (483,486)	283	282	-	1,028	796	225	1,923	1,873	42	2,245	1,984	249
Influenza (487)	9	9	-	15	13	2	25	24	1	59	58	1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	499	497	1	1,353	1,156	190	1,897	1,855	37	2,864	2,591	250
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	110	110	-	357	303	50	556	537	16	999	887	105
Bronchitis, not specified as acute or chronic (490)	5	5	-	9	8	-	19	18	1	22	19	3
Chronic bronchitis (491)	21	21	-	58	53	5	81	80	1	126	120	6
Emphysema (492)	59	59	-	220	204	16	332	329	2	680	630	45
Asthma (493)	25	25	-	70	38	29	124	110	12	171	118	53
Bronchiectasis and extrinsic allergic alveolitis (494-495)	10	10	-	8	8	-	15	15	-	27	24	3
Chronic airways obstruction, not elsewhere classified (496)	379	377	1	988	845	140	1,326	1,303	21	1,938	1,680	142
Pneumoconioses and other lung diseases due to external agents (500-508)	38	38	-	194	151	42	242	232	8	253	198	55
Empyema and abscess of lung and mediastinum (510,513)	3	3	-	23	13	10	25	21	4	38	28	9
Pleurisy (511)	2	2	-	20	15	5	28	28	-	33	22	11
All other diseases of respiratory system (512,514-519)	77	77	-	264	202	59	372	356	13	478	414	62

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	426	426	--	1,333	924	401	2,259	2,173	78	3,005	2,400	586
Diseases of oral cavity, salivary glands, and jaws (520-529)	1	1	--	3	1	2	5	5	--	6	5	1
Diseases of other parts of the digestive system (530-579)	425	425	--	1,330	923	399	2,254	2,168	78	2,999	2,395	585
Ulcer of stomach and duodenum (531-533)	38	38	--	87	64	23	125	122	2	285	244	40
Gastric ulcer (531)	11	11	--	26	20	6	37	36	1	82	67	15
Duodenal ulcer (532)	12	12	--	32	22	10	44	43	--	95	79	16
Peptic ulcer, site unspecified (533)	15	15	--	29	22	7	44	43	1	108	98	9
Gastritis and duodenitis (535)	4	4	--	5	3	2	21	20	1	36	29	6
Appendicitis (540-543)	1	1	--	6	6	--	11	10	1	6	5	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	36	36	--	99	83	16	161	157	3	200	161	37
Regional enteritis and idiopathic proctocolitis (555-556)	4	4	--	6	6	--	32	32	--	23	22	1
All other noninfective gastroenteritis and colitis (557-558)	45	45	--	108	87	20	232	224	8	303	262	41
Diverticula of intestine (562)	13	13	--	48	34	13	70	70	--	127	111	16
Chronic liver disease and cirrhosis (571)	128	128	--	474	278	193	729	696	32	1,171	857	307
Chronic liver disease and cirrhosis, specified as												
alcoholic (571.0-571.3)	52	52	--	244	122	122	242	224	17	605	404	198
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	7	7	--	20	15	4	38	37	1	41	37	4
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	69	69	--	210	141	67	449	435	14	525	416	105
Cholelithiasis and other disorders of gallbladder (574-575)	21	21	--	43	33	10	81	81	--	109	93	16
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	135	135	--	454	329	122	792	756	31	737	611	118
X. Diseases of the genitourinary system (580-629)	166	166	--	854	571	274	1,090	1,032	50	1,387	1,111	272
Diseases of urinary system (580-599)	155	155	--	839	559	271	1,068	1,012	48	1,358	1,088	266
Nephritis, nephritic syndrome, and nephrosis (580-589)	105	105	--	498	314	178	651	613	32	790	625	162
Acute glomerulonephritis (580)												
Nephritic syndrome (581)	2	2	--	7	6	1	1	1	--	1	1	2
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	9	9	--	17	12	5	28	21	7	53	43	9
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	94	94	--	472	295	171	614	583	25	732	579	151
Infections of kidney (590)	6	6	--	16	12	3	22	21	1	36	33	3
Urinary calculus (592,594)	4	4	--	11	8	3	7	7	--	9	9	--
All other diseases of urinary system (591,593,595-599)	40	40	--	314	225	87	388	371	15	523	421	101
Diseases of male genital organs (600-608)	9	9	--	12	9	3	13	13	--	22	18	4
Hyperplasia of prostate (600)	4	4	--	8	5	3	8	8	--	14	13	1
Other diseases of male genital organs (601-608)	5	5	--	4	4	--	5	5	--	8	5	3
Disorders of breast (610-611)	--	--	--	--	--	--	2	1	1	--	--	--
Diseases of female genital organs except breast (614-629)	2	2	--	3	3	--	7	6	1	7	5	2
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	1	1	--	12	4	7	4	3	1	13	6	7
Pregnancy with abortive outcome (630-638)	--	--	--	2	--	1	--	--	--	1	--	1
Ectopic pregnancy (633)	--	--	--	2	--	1	--	--	--	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	--	9	4	5	3	2	1	11	6	5
Hemorrhage of pregnancy and childbirth (640-641,666)	--	--	--	2	1	1	--	--	--	3	2	1
Toxemia of pregnancy (642.4-642.9,643)	--	--	--	2	1	1	--	--	--	3	--	3
Obstructed labor (660)	--	--	--	--	--	--	--	--	--	--	--	--
Complications of the puerperium (670-676)	1	1	--	2	1	1	1	1	--	2	2	--
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	--	--	--	3	1	2	2	1	1	3	2	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)	4	4	--	119	60	59	94	89	5	168	125	43
Infections of skin and subcutaneous tissue (680-686)	1	1	--	19	12	7	25	23	2	41	36	5
All other diseases of skin and subcutaneous tissue (690-709)	3	3	--	100	48	52	69	66	3	127	89	38
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	41	41	--	124	80	40	185	171	11	275	225	47
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	12	12	--	30	24	4	43	43	--	68	64	4
Other arthropathies and related disorders (710-712,715-719)	13	13	--	51	28	21	71	62	7	117	86	29
Dorsopathies (720-724)	3	3	--	3	2	1	6	5	--	8	6	2
Rheumatism, excluding the back (725-729)	3	3	--	10	6	4	15	14	1	21	19	2
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	10	10	--	30	20	10	50	47	3	61	50	10
XIV. Congenital anomalies (740-759)	56	52	--	245	174	63	239	220	15	480	391	76
Spina bifida (741)	2	2	--	4	3	--	5	5	--	7	7	--
All other congenital anomalies of nervous system (740,742)	5	5	--	25	17	8	25	24	1	63	52	9
Congenital anomalies of heart (745-746)	27	24	--	102	74	25	90	84	5	165	135	23
Other congenital anomalies of circulatory system (747)	1	1	--	24	16	8	14	13	1	39	32	7
All other congenital anomalies (743-744,748-759)	21	20	--	90	64	22	105	94	8	206	165	37

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	34,307	33,474	445	25,386	16,449	8,847	50,426	44,910	5,318	6,755	6,431	12
I. Infectious and parasitic diseases (001-139)	424	394	25	424	250	171	840	681	155	77	70	2
Intestinal infectious diseases (001-009)	4	4	-	10	6	4	8	7	1	-	-	-
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	1	1	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	1	1	-	2	1	1	-	-	-	-	-	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	3	3	-	6	4	2	5	4	1	-	-	-
Ill-defined intestinal infections (009)	-	-	-	2	1	1	2	2	-	-	-	-
Tuberculosis (010-018)	6	5	1	26	11	15	21	17	4	4	1	-
Tuberculosis of respiratory system (010-012)	2	1	1	19	10	9	17	14	3	1	1	-
Other tuberculosis (013-018)	4	4	-	7	1	6	4	3	1	3	-	-
Zoonotic and other bacterial diseases (020-041)	195	183	10	204	126	76	404	332	70	44	42	1
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	1	-	1	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	1	1	-	-	-	-
Meningococcal infection (036)	1	1	-	2	1	1	1	1	-	-	-	-
Tetanus (037)	-	-	-	-	-	-	1	1	-	-	-	-
Septicemia (038)	182	170	10	188	113	73	384	314	68	42	41	1
All other bacterial diseases (020-022,024-031,039-041)	12	12	-	14	12	2	16	15	1	2	1	-
Viral diseases (*042-*044,045-079)	149	135	11	127	75	52	323	259	62	22	20	1
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	1	1	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	14	13	1	11	5	6	30	26	4	2	2	-
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	135	122	10	116	70	46	292	232	58	20	18	1
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	1	1	-	1	-	1	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	1	1	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	1	-	1	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	3	3	-	2	-	2	3	2	1	1	1	-
Syphilis (090-097)	3	3	-	2	-	2	3	2	1	1	1	-
Cardiovascular syphilis (093)	-	-	-	1	-	1	1	1	-	1	1	-
Neurosyphilis (094)	-	-	-	1	-	1	1	-	1	-	-	-
All other syphilis (090-091,095-097)	3	3	-	-	-	-	1	1	-	-	-	-
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	67	64	3	54	31	22	80	64	16	6	6	-
Mycoses (110-118)	26	25	1	33	22	11	53	43	10	3	3	-
Helminthiasis (120-129)	-	-	-	-	-	-	-	-	-	-	-	-
Late effects of tuberculosis (137)	7	6	1	5	2	3	2	2	-	-	-	-
Late effects of acute poliomyelitis (138)	7	7	-	-	-	-	6	6	-	2	2	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	27	26	1	16	7	8	19	13	6	1	1	-
II. Neoplasms (140-239)	8,141	7,977	84	5,333	3,624	1,697	11,768	10,502	1,216	1,594	1,539	4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	8,018	7,855	84	5,269	3,576	1,682	11,623	10,373	1,200	1,578	1,523	4
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	97	93	2	77	51	26	154	134	20	25	25	-
Of lip (140)	5	5	-	2	2	-	3	3	-	2	2	-
Of tongue (141)	21	21	-	9	6	3	32	29	3	7	7	-
Of pharynx (146-149.0)	39	37	1	45	27	18	67	56	11	11	11	-
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	32	30	1	21	16	5	52	46	6	5	5	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	2,066	2,007	34	1,201	764	433	2,578	2,254	313	370	355	2
Of esophagus (150)	160	154	2	95	44	50	183	144	38	24	24	-
Of stomach (151)	216	212	1	146	70	76	229	189	37	43	42	-
Of small intestine, including duodenum (152)	19	19	-	13	9	4	21	16	5	3	2	1
Of colon (153)	880	863	10	480	319	160	1,150	1,031	115	173	170	1
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	4	4	-	2	2	-	3	3	-	1	1	-
Descending colon (153.2)	2	2	-	1	1	-	-	-	-	1	1	-
Sigmoid colon (153.3)	19	19	-	17	9	8	13	6	1	2	2	-
Cecum, appendix, and ascending colon (153.4-153.6)	32	30	1	25	17	8	32	29	3	5	4	-
Other and colon, unspecified (153.8-153.9)	823	808	9	435	280	144	1,095	991	110	164	162	1
Of rectum, rectosigmoid junction, and anus (154)	138	132	5	49	36	13	158	146	12	24	23	-
Of liver and intrahepatic bile ducts (155)	95	86	5	83	63	19	181	149	30	14	13	-
Liver, primary (155.0)	59	52	3	26	24	2	66	52	13	6	6	-
Intrahepatic bile ducts (155.1)	10	9	1	3	1	2	25	24	2	4	4	-
Liver, not specified as primary or secondary (155.2)	26	25	1	54	38	15	89	73	15	4	3	-
Of gallbladder and extrahepatic bile ducts (156)	95	89	-	27	21	6	90	82	8	8	7	-
Of pancreas (157)	422	407	11	289	185	103	517	458	58	73	66	-
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	41	41	-	19	17	2	49	39	10	8	8	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	1,875	1,839	16	1,662	1,222	436	3,521	3,168	340	407	396	-
Of larynx (161)	39	39	-	31	20	11	83	66	15	16	16	-
Of trachea, bronchus, and lung (162)	1,814	1,779	16	1,615	1,191	420	3,414	3,078	324	386	375	-
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	22	21	-	16	11	5	24	24	-	5	5	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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)	930	919	4	499	347	152	1,287	1,183	100	176	171	1
Of bone and articular cartilage (170)	15	15	—	23	14	9	23	20	3	2	1	—
Of connective and other soft tissue (171)	47	46	—	26	14	12	88	81	6	12	11	—
Melanoma of skin (172)	103	103	—	61	53	8	125	125	—	31	31	—
Other malignant neoplasms of skin (173)	45	44	1	20	16	4	47	39	7	5	5	—
Of female breast (174)	715	707	2	367	249	118	1,000	914	84	126	123	1
Of male breast (175)	5	4	1	2	1	1	4	4	—	—	—	—
Malignant neoplasms of genital organs (179-187)	1,047	1,034	7	606	340	265	1,257	1,075	177	225	219	—
Of cervix uteri (180)	43	37	2	60	25	35	99	74	24	18	17	—
Of other parts of uterus (179,181-182)	98	96	1	58	31	27	151	123	28	16	16	—
Of ovary and other uterine adnexa (183)	245	243	1	103	72	31	282	260	21	42	40	—
Of other and unspecified female genital organs (184)	15	15	—	12	6	6	25	24	—	1	1	—
Of prostate (185)	636	633	3	365	202	162	683	579	102	145	142	—
Of testis (186)	6	6	—	4	2	2	10	8	2	2	2	—
Of penis and other male genital organs (187)	4	4	—	4	2	2	7	7	—	1	1	—
Malignant neoplasms of urinary organs (188-189)	342	333	5	159	107	52	462	416	43	79	75	—
Of bladder (188)	175	171	3	69	48	21	222	201	20	41	39	—
Of kidney and other and unspecified urinary organs (189)	167	162	2	90	59	31	240	215	23	38	36	—
Malignant neoplasms of other and unspecified sites (190-199)	763	747	11	592	408	182	1,237	1,115	120	165	157	—
Of eye (190)	4	4	—	4	3	1	7	6	1	1	1	—
Of brain (191)	185	183	2	132	110	21	264	251	11	32	30	—
Of other and unspecified parts of nervous system (192)	9	9	—	3	3	—	7	7	—	—	—	—
Of thyroid gland and other endocrine glands and related structures (193-194)	25	24	—	30	17	13	30	26	4	2	2	—
Of all other and unspecified sites (195-199)	540	527	9	423	275	147	929	825	104	130	124	—
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	898	883	5	473	337	136	1,127	1,028	87	131	125	1
Lymphosarcoma and reticulosarcoma (200)	61	61	—	24	19	5	81	74	6	13	13	—
Hodgkin's disease (201)	31	31	—	24	18	6	37	34	3	2	2	—
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	299	295	2	134	105	29	388	359	22	43	39	—
Multiple myeloma and immunoproliferative neoplasms (203)	144	141	1	97	60	37	186	153	33	27	26	1
Leukemia (204-208)	363	355	2	194	135	59	435	408	23	46	45	—
Lymphoid leukemia (204)	106	102	1	52	37	15	139	126	12	12	12	—
Myeloid leukemia (205)	160	158	1	67	46	21	166	157	6	14	13	—
Monocytic leukemia (206)	9	8	—	4	1	3	11	11	—	—	—	—
Other and unspecified leukemia (207-208)	88	87	—	71	51	20	119	114	5	20	20	—
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	123	122	—	64	48	15	145	129	16	16	16	—
Benign neoplasms (210-229)	26	26	—	16	10	6	27	23	4	5	5	—
Of female genital organs (218-221)	—	—	—	—	—	—	1	1	—	—	—	—
Of eye, brain, and other parts of nervous system (224-225)	17	17	—	12	7	5	18	16	2	2	2	—
Of all other and unspecified sites (210-217,222-223,226-229)	9	9	—	4	3	1	8	6	2	3	3	—
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)	44	43	—	13	10	2	36	35	1	6	6	—
Neoplasms of unspecified nature (239)	53	53	—	35	28	7	82	71	11	5	5	—
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	959	929	15	661	338	320	1,581	1,334	244	208	188	—
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	911	883	13	614	310	301	1,438	1,211	225	197	177	—
Disorders of thyroid gland (240-246)	15	13	1	5	3	2	27	21	6	6	5	—
Diabetes mellitus (250)	693	676	7	463	231	229	1,077	898	177	167	149	—
Disorders of the pituitary gland and its hypothalamic control (253)	3	3	—	3	2	1	7	6	1	—	—	—
Diseases of thymus gland (254)	1	1	—	2	1	—	—	—	—	—	—	—
Disorders of adrenal glands (255)	6	6	—	—	—	—	8	7	1	1	1	—
Cystic fibrosis (277.0)	8	8	—	4	3	1	19	18	1	1	1	—
Obesity (278.0)	13	11	1	21	8	13	32	27	5	3	2	—
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	172	165	4	116	62	54	268	234	34	19	19	—
Nutritional deficiencies (260-269)	48	46	2	47	28	19	143	123	19	11	11	—
Nutritional marasmus (261)	2	2	—	7	4	3	11	9	2	1	1	—
Other protein-calorie malnutrition (262-263)	44	42	2	37	22	15	123	105	17	10	10	—
All other nutritional deficiencies (260,264-269)	2	2	—	3	2	1	9	9	—	—	—	—
IV. Diseases of blood and blood-forming organs (280-289)	171	167	2	102	56	46	218	184	32	15	15	—
Anemias (280-285)	91	88	2	65	26	39	98	83	15	5	5	—
Deficiency anemias (280-281)	9	9	—	3	1	2	5	4	1	2	2	—
Hemolytic anemias (282-283)	8	7	—	21	5	16	27	16	11	—	—	—
Aplastic anemia (284)	33	33	—	17	10	7	29	29	—	2	2	—
Other and unspecified anemias (285)	41	39	2	24	10	14	37	34	3	1	1	—
Purpura and other hemorrhagic conditions	6	6	—	6	4	2	20	16	4	4	4	—
All other diseases of blood and blood-forming organs (286,288-289)	74	73	—	31	26	5	100	85	13	6	6	—
V. Mental disorders (290-319)	745	731	7	227	148	78	637	556	81	129	124	—
Senile and presenile organic psychotic conditions (290)	287	285	1	55	42	13	209	198	11	50	49	—
Alcoholic psychoses (291)	4	4	—	4	3	1	5	3	2	4	3	—
All other psychoses (292-299)	195	191	3	24	17	7	100	90	10	29	28	—
Alcohol dependence syndrome (303)	78	74	2	60	30	29	103	75	28	16	14	—
Drug dependence (304)	—	—	—	1	—	1	1	1	—	—	—	—
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	172	168	1	81	54	27	205	175	30	30	30	—
Mental retardation (317-319)	9	9	—	2	2	—	14	14	—	—	—	—

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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	White	Black	All races	White	Black	All races	White	Black	All races	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	879	865	7	355	239	114	946	875	69	194	185	-
Diseases of the nervous system (320-359)	874	860	7	353	238	113	941	870	69	194	185	-
Meningitis (320-322)	7	7	-	18	1	16	21	18	3	2	-	-
Parkinson's disease (332)	205	205	-	50	46	4	199	194	5	32	30	-
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	466	461	3	164	125	39	481	455	24	124	122	-
Multiple sclerosis (340)	39	39	-	6	5	1	29	23	6	12	12	-
Infantile cerebral palsy (343)	16	15	-	7	2	5	24	19	5	1	-	-
Epilepsy (345)	15	13	1	25	6	19	33	26	7	2	2	-
Other diseases of the nervous system (323-326,341-342,344,346-359)	126	120	3	83	53	29	154	135	19	21	19	-
Disorders of the eye and adnexa (360-379)	4	4	-	1	1	-	3	3	-	-	-	-
Diseases of the ear and mastoid process (380-389)	1	1	-	1	-	1	2	2	-	-	-	-
VII. Diseases of the circulatory system (390-459)	14,829	14,590	138	12,088	7,932	4,127	22,511	20,390	2,049	2,656	2,578	3
Rheumatic fever and rheumatic heart disease (390-399)	126	126	-	32	22	10	129	121	7	30	29	-
Acute rheumatic fever (390-392)	6	6	-	-	-	-	3	3	-	-	-	-
Chronic rheumatic heart disease (393-398)	120	120	-	32	22	10	126	118	7	30	29	-
Diseases of mitral valve (394)	46	46	-	19	13	6	65	62	3	14	13	-
Diseases of aortic valve (395)	8	8	-	1	1	-	6	6	-	-	-	-
Diseases of mitral and aortic valves (396)	26	26	-	6	4	2	21	19	2	2	2	-
All other chronic rheumatic heart disease (393,397-398)	40	40	-	6	4	2	34	31	2	14	14	-
Hypertensive disease (401-404)	344	336	4	480	209	268	702	533	168	69	67	-
Essential hypertension (401)	121	119	1	58	24	34	98	82	16	14	14	-
Hypertensive heart disease (402)	139	136	2	328	149	179	443	332	111	42	41	-
Hypertensive renal disease (403)	61	58	1	54	21	32	109	79	29	9	8	-
Hypertensive heart and renal disease (404)	23	23	-	40	15	23	52	40	12	4	4	-
Ischemic heart disease (410-414)	7,760	7,632	67	5,173	3,678	1,488	12,702	11,637	1,027	1,364	1,324	2
Acute myocardial infarction (410)	3,618	3,556	30	3,444	2,368	1,071	6,365	5,903	444	713	687	1
Other acute and subacute forms of ischemic heart disease (411)	24	24	-	10	8	2	23	22	1	6	6	-
Angina pectoris (413)	26	25	1	20	17	3	14	13	1	4	4	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	4,092	4,027	36	1,699	1,285	412	6,300	5,699	581	641	627	1
Diseases of pulmonary circulation (415-417)	181	173	5	211	129	82	276	233	39	42	40	-
Other forms of heart disease (420-429)	2,650	2,612	24	3,843	2,390	1,444	4,102	3,707	380	559	536	1
Acute and subacute endocarditis (421)	13	12	1	12	6	6	14	12	2	5	4	-
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	12	11	1	7	3	4	20	15	5	1	1	-
Other diseases of endocardium (424)	252	250	2	82	60	22	284	271	13	53	52	-
Mitral valve disorders (424.0)	23	22	1	12	9	3	37	36	1	10	10	-
Aortic valve disorders (424.1)	179	178	1	50	41	9	191	184	7	29	28	-
All other diseases of endocardium (424.2-424.9)	50	50	-	20	10	10	56	51	5	14	14	-
Heart failure (428)	729	723	5	773	502	269	1,066	995	66	153	147	1
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	15	15	-	14	10	4	19	16	2	11	10	-
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	1,629	1,601	15	2,955	1,809	1,139	2,699	2,398	292	336	322	-
Cerebrovascular diseases (430-438)	2,846	2,801	30	1,893	1,178	707	3,460	3,114	335	431	422	-
Subarachnoid hemorrhage (430)	105	102	3	60	44	15	130	108	21	17	17	-
Intracerebral and other intracranial hemorrhage (431-432)	298	287	6	234	139	92	497	412	83	54	54	-
Occlusion and stenosis of precerebral arteries (433)	18	17	1	15	12	2	32	30	2	2	2	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	302	298	3	199	126	73	483	422	59	38	38	-
Cerebral embolism (434.1)	16	15	-	23	15	8	16	15	1	3	3	-
Acute but ill-defined cerebrovascular disease (436)	1,799	1,777	16	1,154	702	450	1,915	1,764	145	272	265	-
Other and late effects of cerebrovascular diseases (435,437-438)	308	305	1	208	140	67	387	363	24	45	43	-
Diseases of arteries, arterioles, and capillaries (440-448)	849	839	7	387	278	107	1,007	931	74	147	146	-
Atherosclerosis (440)	388	384	2	147	107	38	417	386	30	69	68	-
Aortic aneurysm (441)	313	309	3	143	113	30	382	359	22	49	49	-
All other diseases of arteries, arterioles, and capillaries (442-448)	148	146	2	97	58	39	208	186	22	29	29	-
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	73	71	1	69	48	21	133	114	19	14	14	-
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	30	30	-	27	19	8	71	61	10	8	8	-
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	43	41	1	42	29	13	62	53	9	6	6	-
VIII. Diseases of the respiratory system (460-519)	3,057	3,016	15	1,869	1,337	528	4,662	4,314	333	703	679	1
Diseases of the upper respiratory tract (460-465,470-478)	9	9	-	5	4	1	10	9	1	4	4	-
Acute upper respiratory infections (460-465)	4	4	-	4	3	1	5	4	1	3	3	-
Other diseases of upper respiratory tract (470-478)	5	5	-	1	1	-	5	5	-	1	1	-
Other diseases of the respiratory system (466,480-519)	3,048	3,007	15	1,864	1,333	527	4,652	4,305	332	699	675	1
Acute bronchitis and bronchiolitis (466)	5	4	-	8	6	2	13	9	3	-	-	-
Pneumonia (480-486)	1,270	1,254	6	754	518	234	1,815	1,681	129	225	216	-
Viral pneumonia (480)	12	12	-	5	5	-	13	10	2	3	2	-
Pneumococcal and other bacterial pneumonia (481-482)	59	54	1	53	35	18	106	99	7	10	9	-
Bronchopneumonia, organism unspecified (485)	82	80	1	32	24	8	124	112	12	15	15	-
Pneumonia due to other and unspecified organism (483,486)	1,117	1,108	4	664	454	208	1,572	1,460	108	197	190	-
Influenza (487)	52	52	-	25	17	8	30	27	3	17	16	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	1,328	1,309	8	756	582	173	2,189	2,050	134	382	369	1
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	348	344	2	202	133	69	493	466	26	112	109	-
Bronchitis, not specified as acute or chronic (490)	16	15	-	16	11	5	16	13	3	4	4	-
Chronic bronchitis (491)	40	40	-	27	22	5	70	69	1	16	16	-
Emphysema (492)	203	201	2	109	86	23	319	310	8	63	61	-
Asthma (493)	89	88	-	50	14	36	88	74	14	29	28	-
Bronchiectasis and extrinsic allergic alveolitis (494-495)	15	15	-	12	10	2	24	23	1	2	2	-
Chronic airways obstruction, not elsewhere classified (496)	965	950	6	542	439	102	1,672	1,561	107	268	258	1
Pneumoconioses and other lung diseases due to external agents (500-508)	151	149	-	95	56	39	244	224	19	23	23	-
Empyema and abscess of lung and mediastinum (510,519)	13	13	-	11	5	6	13	12	1	4	4	-
Pleurisy (511)	10	10	-	13	11	2	13	12	1	1	1	-
All other diseases of respiratory system (512,514-519)	219	216	1	202	138	63	335	290	42	47	46	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	1,138	1,090	21	765	519	240	1,615	1,422	189	247	218	-
Diseases of oral cavity, salivary glands, and jaws (520-529)	1	1	-	2	1	1	2	1	1	1	1	-
Diseases of other parts of the digestive system (530-579)	1,137	1,089	21	763	518	239	1,613	1,421	188	246	217	-
Ulcer of stomach and duodenum (531-533)	101	99	2	62	41	21	139	128	10	23	22	-
Gastric ulcer (531)	39	38	1	16	11	5	50	45	4	3	2	-
Duodenal ulcer (532)	41	40	1	19	15	4	44	42	2	9	9	-
Peptic ulcer, site unspecified (533)	21	21	-	27	15	12	45	41	4	11	11	-
Gastritis and duodenitis (535)	11	11	-	6	3	3	13	11	2	2	1	-
Appendicitis (540-543)	6	5	-	3	2	1	14	12	2	-	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	92	87	4	65	36	29	139	125	13	24	23	-
Regional enteritis and idiopathic proctocolitis (555-556)	10	10	-	9	8	1	19	16	3	2	2	-
All other noninfective gastroenteritis and colitis (557-558)	142	140	1	76	53	22	187	168	19	25	24	-
Diverticula of intestine (562)	60	59	1	36	32	4	70	65	5	13	13	-
Chronic liver disease and cirrhosis (571)	309	284	6	223	161	59	418	361	56	74	51	-
Chronic liver disease and cirrhosis, specified as												
alcoholic (571.0-571.3)	149	130	2	78	49	28	172	137	35	37	19	-
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	25	24	1	15	14	1	24	23	1	7	7	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	135	130	3	130	98	30	222	201	20	30	25	-
Cholelithiasis and other disorders of gallbladder (574-575)	63	62	-	42	36	6	90	86	4	15	15	-
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	343	332	7	241	146	93	524	449	74	68	66	-
X. Diseases of the genitourinary system (580-629)	493	481	8	600	341	256	926	779	143	92	90	-
Diseases of urinary system (580-599)	474	463	7	579	332	244	903	761	138	92	90	-
Nephritis, nephrotic syndrome, and nephrosis (580-589)	283	275	4	335	183	151	525	440	84	51	49	-
Acute glomerulonephritis (580)	1	1	-	1	1	-	1	1	-	1	1	-
Nephrotic syndrome (581)	3	2	1	5	2	3	7	5	2	1	1	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	19	17	1	25	15	10	30	27	3	5	5	-
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	260	255	2	304	165	138	487	407	79	44	42	-
Infections of kidney (590)	17	16	1	18	14	4	34	32	1	6	6	-
Urinary calculus (592,594)	6	6	-	5	3	2	4	2	2	-	-	-
All other diseases of urinary system (591,593,595-599)	168	166	2	221	132	87	340	287	51	35	35	-
Diseases of male genital organs (600-608)	13	12	1	12	5	7	16	13	3	-	-	-
Hypertrophy of prostate (600)	7	6	1	4	1	3	11	10	1	-	-	-
Other diseases of male genital organs (601-608)	6	6	-	8	4	4	5	3	2	-	-	-
Disorders of breast (610-611)	-	-	-	3	1	2	1	1	-	-	-	-
Diseases of female genital organs except breast (614-629)	6	6	-	6	3	3	6	4	2	-	-	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	1	-	-	6	1	5	5	3	1	1	1	-
Pregnancy with abortive outcome (630-638)	-	-	-	1	-	1	1	-	-	-	-	-
Ectopic pregnancy (633)	-	-	-	1	-	1	-	-	-	-	-	-
Spontaneous abortion (634)	-	-	-	-	-	-	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)	-	-	-	4	1	3	4	3	1	1	1	-
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	-	-	-	-	-	-	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	1	1	-	1	-	1	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	1	-	1	2	2	-	1	1	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	2	-	2	1	1	-	-	-	-
Indirect obstetric causes (647-648)	1	-	-	1	-	1	-	-	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	36	32	3	66	31	35	62	44	18	8	8	-
Infections of skin and subcutaneous tissue (680-686)	14	13	-	6	4	2	17	15	2	3	3	-
All other diseases of skin and subcutaneous tissue (690-709)	22	19	3	60	27	33	45	29	16	5	5	-
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	144	139	3	69	40	29	182	159	19	35	35	-
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	45	45	-	18	14	4	51	48	1	12	12	-
Other arthropathies and related disorders (710-712,715-719)	54	49	3	33	18	15	79	63	14	11	11	-
Dorsopathies (720-724)	2	2	-	2	1	1	3	3	-	1	1	-
Rheumatism, excluding the back (725-729)	6	6	-	7	2	5	13	11	2	2	2	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	37	37	-	9	5	4	36	34	2	9	9	-
XIV. Congenital anomalies (740-759)	210	188	11	144	87	56	267	226	35	53	48	1
Spina bifida (741)	2	2	-	1	-	1	6	5	1	-	-	-
All other congenital anomalies of nervous system (740,742)	27	24	1	13	5	8	31	26	5	5	4	-
Congenital anomalies of heart (745-746)	75	65	5	65	37	27	96	87	9	19	18	-
Other congenital anomalies of circulatory system (747)	13	13	-	15	10	5	26	23	2	3	2	-
All other congenital anomalies (743-744,748-759)	93	84	5	50	35	15	108	85	18	26	24	1

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	14,800	14,292	378	8,649	7,941	518	8,472	8,444	19	71,455	61,917	9,112
I. Infectious and parasitic diseases (001-139)	165	156	7	203	183	19	105	103	2	2,991	1,865	1,106
Intestinal infectious diseases (001-009)	2	2	-	3	3	-	1	1	-	20	16	4
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	-	-	-	1	1	-	-	-	-	6	5	1
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	2	2	-	-	-	-	-	-	-	8	6	2
Ill-defined intestinal infections (009)	-	-	-	2	2	-	1	1	-	6	5	1
Tuberculosis (010-018)	4	4	-	5	5	-	2	2	-	90	48	38
Tuberculosis of respiratory system (010-012)	2	2	-	4	4	-	2	2	-	65	35	29
Other tuberculosis (013-018)	2	2	-	1	1	-	-	-	-	25	13	9
Zoonotic and other bacterial diseases (020-041)	84	81	2	90	85	5	63	62	1	1,075	904	165
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	1	1	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	1	1	-	-	-	-	1	1	-	8	5	3
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	81	78	2	90	85	5	57	56	1	1,042	884	153
All other bacterial diseases (020-022,024-031,039-041)	1	1	-	-	-	-	5	5	-	25	15	9
Viral diseases (*042-*044,045-079)	44	40	3	97	84	12	29	28	1	1,619	780	832
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	6	5	-	5	4	1	4	4	-	53	43	9
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	38	35	3	92	80	11	25	24	1	1,566	737	823
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	-	-	-	-	-	-	3	2	-
Typhus and other rickettsioses (080-083)	-	-	-	-	-	-	-	-	-	1	1	-
Malaria (084)	-	-	-	-	-	-	-	-	-	2	1	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	2	1	1	2	-	2	1	1	-	10	2	8
Syphilis (090-097)	2	1	1	2	-	2	1	1	-	9	2	7
Cardiovascular syphilis (093)	1	-	1	1	-	1	-	-	-	1	-	1
Neurosyphilis (094)	-	-	-	-	-	-	-	-	-	3	-	3
All other syphilis (090-091,095-097)	1	1	-	1	-	1	1	1	-	5	2	3
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	1	-	1
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	29	28	1	6	6	-	9	9	-	174	113	59
Mycoses (110-118)	9	8	1	3	3	-	3	3	-	85	64	20
Helminthiasis (120-129)	1	1	-	-	-	-	-	-	-	1	-	1
Late effects of tuberculosis (137)	2	2	-	-	-	-	-	-	-	10	8	2
Late effects of acute poliomyelitis (138)	3	3	-	-	-	-	1	1	-	2	2	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-135,139)	14	14	-	3	3	-	5	5	-	76	39	36
II. Neoplasms (140-239)	3,350	3,239	92	2,099	1,961	102	2,195	2,189	4	18,282	16,207	1,976
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	3,308	3,199	90	2,080	1,946	99	2,168	2,162	4	17,990	15,950	1,943
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	46	45	1	31	30	-	42	42	-	295	243	52
Of lip (140)	4	4	-	-	-	-	-	-	-	4	4	-
Of tongue (141)	7	7	-	10	10	-	7	7	-	86	69	17
Of pharynx (146-149.0)	15	14	1	16	16	-	25	25	-	124	105	19
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	20	20	-	5	4	-	10	10	-	81	65	16
Malignant neoplasms of digestive organs and peritoneum (150-159)	781	747	26	440	407	22	497	496	1	4,554	4,028	496
Of esophagus (150)	55	50	5	49	44	4	48	48	-	348	267	79
Of stomach (151)	88	82	4	53	45	7	45	45	-	619	527	86
Of small intestine, including duodenum (152)	6	6	-	1	1	-	3	3	-	26	22	3
Of colon (153)	330	316	10	159	155	3	200	199	1	1,924	1,745	167
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	2	2	-	-	-	-	-	-	-	8	8	-
Descending colon (153.2)	2	2	-	-	-	-	2	2	-	4	3	1
Sigmoid colon (153.3)	5	5	-	2	2	-	6	6	-	55	51	3
Cecum, appendix, and ascending colon (153.4-153.6)	18	18	-	1	1	-	8	8	-	46	44	2
Other and colon, unspecified (153.8-153.9)	303	289	10	156	152	3	184	183	1	1,811	1,639	161
Of rectum, rectosigmoid junction, and anus (154)	44	43	1	23	23	-	46	46	-	309	281	25
Of liver and intrahepatic bile ducts (155)	39	37	1	33	28	2	31	31	-	251	215	33
Liver, primary (155.0)	15	14	-	12	9	1	15	15	-	108	86	19
Intrahepatic bile ducts (155.1)	4	4	-	3	3	-	5	5	-	45	41	4
Liver, not specified as primary or secondary (155.2)	20	19	1	18	16	1	11	11	-	98	88	10
Of gallbladder and extrahepatic bile ducts (156)	24	24	-	10	9	1	14	14	-	158	144	14
Of pancreas (157)	171	166	4	107	97	5	97	97	-	842	756	84
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	24	23	1	5	5	-	13	13	-	77	71	5
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	862	832	23	694	660	26	627	625	1	4,802	4,214	561
Of larynx (161)	28	26	2	19	19	-	10	10	-	157	132	25
Of trachea, bronchus, and lung (162)	826	798	21	668	635	26	612	610	1	4,591	4,036	528
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	8	8	-	7	6	-	5	5	-	54	46	8

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	407	399	8	222	207	11	259	258	1	2,155	1,961	185
Of bone and articular cartilage (170)	7	6	1	3	3	-	3	3	-	32	29	3
Of connective and other soft tissue (171)	19	19	-	20	19	-	19	19	-	94	86	7
Melanoma of skin (172)	45	45	-	21	20	-	26	26	-	224	218	5
Other malignant neoplasms of skin (173)	25	23	2	12	11	1	11	11	-	67	60	7
Of female breast (174)	311	306	5	166	154	10	200	199	1	1,728	1,559	162
Of male breast (175)	-	-	-	-	-	-	-	-	-	10	9	1
Malignant neoplasms of genital organs (179-187)	423	408	12	193	178	11	247	246	1	2,008	1,736	264
Of cervix uteri (180)	25	20	4	26	22	2	32	31	1	176	121	53
Of other parts of uterus (179,181-182)	55	55	-	11	11	-	27	27	-	223	204	18
Of ovary and other uterine adnexa (183)	95	93	1	36	35	1	50	50	-	473	446	26
Of other and unspecified female genital organs (184)	4	4	-	-	-	-	10	10	-	30	28	2
Of prostate (185)	236	228	7	114	104	8	123	123	-	1,085	919	163
Of testis (186)	3	3	-	4	4	-	2	2	-	14	13	-
Of penis and other male genital organs (187)	5	5	-	2	2	-	3	3	-	7	5	2
Malignant neoplasms of urinary organs (188-189)	148	146	2	95	91	4	93	93	-	793	737	56
Of bladder (188)	80	78	2	45	44	1	44	44	-	432	403	29
Of kidney and other and unspecified urinary organs (189)	68	68	-	50	47	3	49	49	-	361	334	27
Malignant neoplasms of other and unspecified sites (190-199)	304	295	9	236	219	12	229	229	-	1,809	1,614	182
Of eye (190)	2	2	-	3	3	-	2	2	-	12	12	-
Of brain (191)	77	74	3	41	40	1	45	45	-	313	300	9
Of other and unspecified parts of nervous system (192)	2	2	-	1	1	-	1	1	-	10	8	1
Of thyroid gland and other endocrine glands and related structures (193-194)	14	14	-	3	3	-	14	14	-	55	49	6
Of all other and unspecified sites (195-199)	209	203	6	188	172	11	167	167	-	1,419	1,245	166
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	337	327	9	169	154	13	174	173	-	1,574	1,417	147
Lymphosarcoma and reticulosarcoma (200)	12	12	-	4	4	-	13	13	-	60	56	3
Hodgkin's disease (201)	10	10	-	8	7	1	2	2	-	100	86	14
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	122	119	3	46	42	4	70	70	-	557	517	36
Multiple myeloma and immunoproliferative neoplasms (203)	68	65	3	31	25	5	30	30	-	284	231	52
Leukemia (204-208)	125	121	3	80	76	3	59	58	-	573	527	42
Lymphoid leukemia (204)	31	31	-	23	22	1	25	24	-	176	166	9
Myeloid leukemia (205)	56	53	3	32	30	1	17	17	-	211	191	17
Monocytic leukemia (206)	6	6	-	2	2	-	2	2	-	8	6	2
Other and unspecified leukemia (207-208)	32	31	-	23	22	1	15	15	-	178	164	14
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	42	40	2	19	15	3	27	27	-	292	257	33
Benign neoplasms (210-229)	12	12	-	4	2	1	6	6	-	38	34	4
Of female genital organs (218-221)	-	-	-	-	-	-	-	-	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225)	5	5	-	2	1	-	4	4	-	25	23	2
Of all other and unspecified sites (210-217,222-223,226-229)	7	7	-	2	1	1	2	2	-	13	11	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)	18	17	1	4	4	-	7	7	-	67	61	6
Neoplasms of unspecified nature (239)	12	11	1	11	9	2	14	14	-	187	162	23
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	351	339	6	212	191	17	261	261	-	2,695	2,252	432
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	323	311	6	187	168	15	248	248	-	2,591	2,160	420
Disorders of thyroid gland (240-246)	4	4	-	-	-	-	2	2	-	52	47	4
Diabetes mellitus (250)	258	248	5	149	132	13	203	203	-	2,052	1,708	336
Disorders of the pituitary gland and its hypothalamic control (253)	-	-	-	2	2	-	-	-	-	12	10	2
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	1	1	-	1	1	-	-	-	-	5	5	-
Cystic fibrosis (277.0)	2	2	-	2	2	-	3	3	-	19	17	2
Obesity (278.0)	6	6	-	3	3	-	6	6	-	58	49	9
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	52	50	1	30	28	2	34	34	-	393	324	67
Nutritional deficiencies (260-269)	28	28	-	25	23	2	13	13	-	104	92	12
Nutritional marasmus (261)	1	1	-	6	6	-	-	-	-	13	11	2
Other protein-calorie malnutrition (262-263)	26	26	-	18	16	2	10	10	-	82	73	9
All other nutritional deficiencies (260,264-269)	1	1	-	1	1	-	3	3	-	9	8	1
IV. Diseases of blood and blood-forming organs (280-289)	59	57	2	28	25	2	31	30	1	352	286	62
Anemias (280-285)	26	26	-	15	14	1	14	13	1	178	133	42
Deficiency anemias (280-281)	2	2	-	1	1	-	1	1	-	13	13	-
Hemolytic anemias (282-283)	3	3	-	5	4	1	5	4	1	33	14	19
Aplastic anemia (284)	13	13	-	5	5	-	1	1	-	37	33	3
Other and unspecified anemias (285)	8	8	-	4	4	-	7	7	-	95	73	20
Purpura and other hemorrhagic conditions (287)	4	4	-	-	-	-	2	2	-	30	26	4
All other diseases of blood and blood-forming organs (286,288-289)	29	27	2	13	11	1	15	15	-	144	127	16
V. Mental disorders (290-319)	206	199	2	118	109	5	112	111	1	607	474	133
Senile and presenile organic psychotic conditions (290)	52	51	1	17	16	1	49	49	-	138	129	9
Alcoholic psychoses (291)	3	3	-	-	-	-	3	3	-	13	10	3
All other psychoses (292-299)	34	34	-	6	6	-	24	24	-	82	71	11
Alcohol dependence syndrome (303)	16	12	1	66	62	2	15	15	-	145	91	54
Drug dependence (304)	1	1	-	4	2	1	-	-	-	10	5	5
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	91	89	-	25	23	1	21	20	1	212	163	49
Mental retardation (317-319)	9	9	-	-	-	-	-	-	-	7	5	2

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389).....	309	297	10	124	117	5	185	185	-	1,109	988	119
Diseases of the nervous system (320-359).....	308	296	10	124	117	5	183	183	-	1,103	984	118
Meningitis (320-322).....	5	4	1	5	4	1	1	1	-	44	23	21
Parkinson's disease (332).....	68	68	-	11	11	-	34	34	-	213	207	6
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337).....	165	159	6	65	65	-	108	108	-	500	472	28
Multiple sclerosis (340).....	15	15	-	8	8	-	10	10	-	51	48	3
Infantile cerebral palsy (343).....	7	7	-	1	-	-	1	-	-	15	14	1
Epilepsy (345).....	8	5	2	6	5	-	6	6	-	34	22	11
Other diseases of the nervous system (323-326,341-342,344,346-359).....	40	38	1	28	24	3	24	24	-	246	198	48
Disorders of the eye and adnexa (360-379).....	1	1	-	-	-	-	1	1	-	1	1	-
Diseases of the ear and mastoid process (380-389).....	-	-	-	-	-	-	1	1	-	5	3	1
VII. Diseases of the circulatory system (390-459).....	6,802	6,625	135	3,355	3,127	170	3,646	3,638	4	30,133	27,181	2,774
Rheumatic fever and rheumatic heart disease (390-398).....	44	43	1	29	27	1	18	18	-	285	267	13
Acute rheumatic fever (390-392).....	-	-	-	-	-	-	-	-	-	2	1	1
Chronic rheumatic heart disease (393-399).....	44	43	1	29	27	1	18	18	-	283	266	12
Diseases of mitral valve (394).....	20	19	1	13	11	1	12	12	-	122	115	4
Diseases of aortic valve (395).....	1	1	-	3	3	-	1	1	-	2	2	-
Diseases of mitral and aortic valves (396).....	7	7	-	5	5	-	-	-	-	45	41	3
All other chronic rheumatic heart disease (393,397-398).....	16	16	-	8	8	-	5	5	-	114	108	5
Hypertensive disease (401-404).....	143	128	13	260	227	29	83	82	1	1,041	799	235
Essential hypertension (401).....	28	28	-	7	6	-	19	19	-	130	106	23
Hypertensive heart disease (402).....	71	58	11	239	211	26	46	45	1	712	547	161
Hypertensive renal disease (403).....	33	31	2	12	8	3	16	16	-	108	85	23
Hypertensive heart and renal disease (404).....	11	11	-	2	2	-	2	2	-	91	61	28
Ischemic heart disease (410-414).....	3,407	3,331	55	1,324	1,253	46	1,907	1,905	-	17,520	16,212	1,214
Acute myocardial infarction (410).....	1,654	1,624	16	635	601	17	1,028	1,027	-	8,394	7,725	610
Other acute and subacute forms of ischemic heart disease (411).....	9	9	-	1	1	-	4	4	-	67	61	6
Angina pectoris (413).....	5	5	-	7	6	1	8	8	-	31	28	2
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414).....	1,739	1,693	39	681	645	28	867	866	-	9,028	8,398	596
Diseases of pulmonary circulation (415-417).....	99	89	7	46	41	4	33	33	-	348	293	54
Other forms of heart disease (420-429).....	1,496	1,458	30	1,089	1,016	58	812	810	1	5,361	4,688	639
Acute and subacute endocarditis (421).....	5	5	-	-	-	-	2	2	-	45	35	10
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423).....	3	2	1	2	1	1	4	4	-	15	11	4
Other diseases of endocardium (424).....	79	77	2	35	35	-	74	74	-	460	423	37
Mitral valve disorders (424.0).....	16	15	1	3	3	-	7	7	-	60	53	7
Aortic valve disorders (424.1).....	45	45	-	23	23	-	52	52	-	291	275	16
All other diseases of endocardium (424.2-424.9).....	18	17	1	9	9	-	15	15	-	109	95	14
Heart failure (428).....	437	435	1	184	175	6	155	155	-	844	756	86
Myocarditis, unspecified and myocardial degeneration (429.0-429.1).....	31	30	1	5	4	1	9	9	-	14	13	1
All other and ill-defined forms of heart disease (425-427,429.2-429.9).....	941	909	25	863	801	50	568	566	1	3,983	3,450	501
Cerebrovascular diseases (430-438).....	1,157	1,131	21	450	417	23	566	565	-	4,111	3,594	483
Subarachnoid hemorrhage (430).....	29	26	2	33	33	-	31	30	-	242	192	42
Intracerebral and other intracranial hemorrhage (431-432).....	106	97	8	77	69	6	79	79	-	723	584	130
Occlusion and stenosis of precerebral arteries (433).....	10	10	-	2	2	-	4	4	-	44	43	1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9).....	139	136	2	46	41	4	73	73	-	646	587	57
Cerebral embolism (434.1).....	8	8	-	1	1	-	3	3	-	21	20	1
Acute but ill-defined cerebrovascular disease (436).....	728	720	6	265	247	12	318	318	-	2,088	1,852	224
Other and late effects of cerebrovascular diseases (435,437-438).....	137	134	3	26	24	1	58	58	-	347	316	28
Diseases of arteries, arterioles, and capillaries (440-448).....	429	419	7	144	136	6	208	206	2	1,342	1,224	115
Atherosclerosis (440).....	236	228	4	63	60	2	101	101	-	500	461	38
Aortic aneurysm (441).....	148	146	2	63	60	2	69	67	2	546	503	42
All other diseases of arteries, arterioles, and capillaries (442-448).....	45	44	1	18	16	2	38	38	-	296	260	35
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459).....	27	26	1	13	10	3	19	19	-	125	104	21
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453).....	14	14	-	3	3	-	6	6	-	54	41	13
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459).....	13	12	1	10	7	3	13	13	-	71	63	8
VIII. Diseases of the respiratory system (460-519).....	1,448	1,410	31	897	849	36	738	736	2	5,535	4,982	531
Diseases of the upper respiratory tract (460-465,470-478).....	3	3	-	4	3	1	3	3	-	21	16	4
Acute upper respiratory infections (460-465).....	1	1	-	3	2	1	2	2	-	12	10	2
Other diseases of upper respiratory tract (470-478).....	2	2	-	1	1	-	1	1	-	9	6	2
Other diseases of the respiratory system (466,460-519).....	1,445	1,407	31	893	846	35	735	733	2	5,514	4,966	527
Acute bronchitis and bronchiolitis (466).....	5	3	2	1	1	-	4	4	-	12	10	2
Pneumonia (480-486).....	617	604	10	271	253	13	275	273	2	2,254	1,992	250
Viral pneumonia (480).....	4	4	-	1	-	1	-	-	-	15	12	3
Pneumococcal and other bacterial pneumonia (481-482).....	29	29	-	23	19	3	14	14	-	142	120	22
Bronchopneumonia, organism unspecified (485).....	43	39	4	21	20	1	28	28	-	174	155	18
Pneumonia due to other and unspecified organism (483,486).....	541	532	6	226	214	8	233	231	2	1,923	1,705	207
Influenza (487).....	20	19	-	4	3	-	3	3	-	10	10	-
Chronic obstructive pulmonary diseases and allied conditions (490-496).....	649	628	18	537	516	16	385	385	-	2,460	2,281	174
Bronchitis, chronic and unspecified, emphysema and asthma (490-493).....	194	182	11	103	97	5	95	95	-	708	649	58
Bronchitis, not specified as acute or chronic (490).....	3	3	-	2	1	1	3	3	-	22	20	2
Chronic bronchitis (491).....	30	29	1	17	17	-	15	15	-	85	78	7
Emphysema (492).....	105	101	3	68	67	1	65	65	-	493	463	29
Asthma (493).....	56	49	7	16	12	3	12	12	-	108	88	20
Bronchiectasis and extrinsic allergic alveolitis (494-495).....	8	8	-	2	2	-	2	2	-	25	24	1
Chronic airways obstruction, not elsewhere classified (496).....	447	438	7	432	417	11	288	288	-	1,727	1,608	115
Pneumoconioses and other lung diseases due to external agents (500-508).....	50	50	-	20	18	2	14	14	-	317	274	43
Empyema and abscess of lung and mediastinum (510,513).....	6	5	1	3	3	-	4	4	-	30	22	7
Pleurisy (511).....	3	3	-	2	2	-	2	2	-	42	34	8
All other diseases of respiratory system (512,514-519).....	95	95	-	55	50	4	48	48	-	389	343	43

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	435	405	17	346	316	17	317	316	-	2,705	2,301	389
Diseases of oral cavity, salivary glands, and jaws (520-529)	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of other parts of the digestive system (530-579)	435	405	17	346	316	17	317	316	-	2,705	2,301	389
Ulcer of stomach and duodenum (531-533)	45	45	-	18	17	-	19	19	-	171	153	17
Gastric ulcer (531)	13	13	-	7	7	-	8	8	-	69	61	8
Duodenal ulcer (532)	19	19	-	4	4	-	5	5	-	51	47	3
Peptic ulcer, site unspecified (533)	13	13	-	7	6	-	6	6	-	51	45	6
Gastritis and duodenitis (535)	5	5	-	4	4	-	8	8	-	30	26	4
Appendicitis (540-543)	4	4	-	-	-	-	4	4	-	14	11	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	43	41	1	14	12	1	28	28	-	216	185	29
Regional enteritis and idiopathic proctocolitis (555-556)	4	4	-	2	1	1	5	5	-	21	21	-
All other noninfective gastroenteritis and colitis (557-558)	49	45	4	29	25	4	28	28	-	248	225	23
Diverticula of intestine (562)	16	16	-	11	11	-	10	10	-	111	101	10
Chronic liver disease and cirrhosis (571)	112	94	6	154	141	7	116	116	-	1,046	865	176
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	76	61	5	80	76	1	55	55	-	430	334	95
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	8	8	-	3	3	-	7	7	-	31	27	3
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	28	25	1	71	62	6	54	54	-	585	504	78
Cholelithiasis and other disorders of gallbladder (574-575)	19	18	1	13	12	1	11	11	-	121	110	10
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	138	133	5	101	93	3	88	87	-	727	604	117
X. Diseases of the genitourinary system (580-629)	278	266	11	131	110	14	139	139	-	1,439	1,214	220
Diseases of urinary system (580-599)	268	256	11	131	110	14	131	131	-	1,409	1,187	217
Nephritis, nephrotic syndrome, and nephrosis (580-589)	183	177	6	111	94	11	87	87	-	834	680	152
Acute glomerulonephritis (580)	2	2	-	1	1	-	-	-	-	5	4	1
Nephrotic syndrome (581)	2	2	-	-	-	-	-	-	-	5	3	2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	10	9	1	1	1	-	4	4	-	57	49	8
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	169	164	5	109	92	11	83	83	-	767	624	141
Infections of kidney (590)	16	15	1	2	2	-	3	3	-	28	24	4
Urinary calculus (592,594)	-	-	-	-	-	-	-	-	-	13	11	2
All other diseases of urinary system (591,593,595-599)	69	64	4	18	14	3	41	41	-	534	472	59
Diseases of male genital organs (600-608)	7	7	-	-	-	-	5	5	-	18	15	3
Hyperplasia of prostate (600)	7	7	-	-	-	-	4	4	-	14	11	3
Other diseases of male genital organs (601-608)	-	-	-	-	-	-	1	1	-	4	4	-
Disorders of breast (610-611)	-	-	-	-	-	-	1	1	-	5	5	-
Diseases of female genital organs except breast (614-629)	3	3	-	-	-	-	2	2	-	7	7	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	1	-	-	-	-	-	-	-	-	4	2	2
Pregnancy with abortive outcome (630-638)	-	-	-	-	-	-	-	-	-	3	1	2
Ectopic pregnancy (633)	-	-	-	-	-	-	-	-	-	3	1	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	-
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	-	-	-	-	-	-	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	-	-	-	-	-	-	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	1	-	-	-	-	-	-	-	-	1	1	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	-	-	-	-	-	-	-	-	-
Indirect obstetric causes (647-648)	-	-	-	-	-	-	-	-	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	19	19	-	11	10	-	8	8	-	225	188	36
Infections of skin and subcutaneous tissue (680-686)	5	5	-	4	4	-	1	1	-	32	28	4
All other diseases of skin and subcutaneous tissue (690-709)	14	14	-	7	6	-	7	7	-	193	160	32
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	51	50	1	24	19	3	29	28	1	248	205	40
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	10	9	1	4	3	1	6	6	-	48	46	2
Other arthropathies and related disorders (710-712,715-719)	17	17	-	10	8	1	17	16	1	114	88	23
Dorsopathies (720-724)	1	1	-	-	-	-	-	-	-	4	3	1
Rheumatism, excluding the back (725-729)	1	1	-	7	5	1	1	1	-	23	15	8
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	22	22	-	3	3	-	5	5	-	59	53	6
XIV. Congenital anomalies (740-759)	72	65	3	60	49	10	48	47	1	366	270	87
Spina bifida (741)	-	-	-	1	1	-	-	-	-	1	1	-
All other congenital anomalies of nervous system (740,742)	11	11	-	8	7	1	7	7	-	43	32	8
Congenital anomalies of heart (745-746)	29	23	3	17	15	1	9	8	1	139	104	30
Other congenital anomalies of circulatory system (747)	2	2	-	6	3	3	3	3	-	44	29	15
All other congenital anomalies (743-744,748-759)	30	29	-	28	23	5	29	29	-	139	104	34

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	10,572	9,616	191	171,679	144,701	25,195	57,477	43,263	13,695	5,510	5,346	6
I. Infectious and parasitic diseases (001-139)	193	173	8	7,996	5,391	2,532	1,165	684	469	57	52	-
Intestinal infectious diseases (001-009)	2	-	1	43	29	13	10	9	1	2	2	-
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	1	-	-	13	10	2	5	4	1	-	-	-
Amebiasis (006)	-	-	-	1	1	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	1	-	1	11	9	2	2	2	-	2	2	-
Ill-defined intestinal infections (009)	-	-	-	18	9	9	3	3	-	-	-	-
Tuberculosis (010-018)	10	6	-	293	124	164	59	29	29	5	2	-
Tuberculosis of respiratory system (010-012)	7	5	-	222	93	124	43	22	20	5	2	-
Other tuberculosis (013-018)	3	1	-	71	31	40	16	7	9	-	-	-
Zoonotic and other bacterial diseases (020-041)	78	70	4	2,176	1,720	433	562	384	176	26	25	-
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	1	1	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	1	1	-	-	-	-
Meningococcal infection (036)	2	2	-	25	21	4	7	5	2	1	1	-
Tetanus (037)	-	-	-	1	1	-	2	2	-	-	-	-
Septicemia (038)	70	62	4	2,080	1,645	411	526	361	163	25	24	-
All other bacterial diseases (020-022,024-031,039-041)	6	6	-	69	51	18	26	15	11	-	-	-
Viral diseases (*042-*044,045-079)	82	77	3	4,823	3,104	1,680	418	199	216	14	14	-
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	8	8	-	102	80	16	28	18	9	2	2	-
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	74	69	3	4,721	3,024	1,664	390	181	207	12	12	-
Rickettsioses and other arthropod-borne diseases (080-088)	-	-	-	3	2	1	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (084)	-	-	-	1	1	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	2	1	1	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	-	-	-	7	3	4	4	-	4	-	-	-
Syphilis (090-097)	-	-	-	7	3	4	4	-	4	-	-	-
Cardiovascular syphilis (093)	-	-	-	2	1	1	-	-	2	-	-	-
Neurosyphilis (094)	-	-	-	-	-	-	2	-	2	-	-	-
All other syphilis (090-091,095-097)	-	-	-	5	2	3	2	-	2	-	-	-
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	21	20	-	651	409	237	112	63	43	10	9	-
Mycoses (110-118)	13	12	-	302	206	93	66	43	18	5	5	-
Helminthiasis (120-129)	-	-	-	3	1	1	-	-	-	1	-	-
Late effects of tuberculosis (137)	1	1	-	11	9	2	4	4	-	1	1	-
Late effects of acute poliomyelitis (138)	-	-	-	7	7	-	3	2	1	1	1	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	7	7	-	328	186	141	39	14	24	2	2	-
II. Neoplasms (140-239)	2,298	2,146	40	38,631	33,466	4,741	13,115	10,167	2,851	1,376	1,359	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2,249	2,103	39	38,093	32,998	4,678	12,976	10,062	2,819	1,357	1,341	1
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	37	37	-	661	504	140	239	178	59	15	15	-
Of lip (140)	1	1	-	5	5	-	1	1	-	1	1	-
Of tongue (141)	11	11	-	190	143	43	54	41	12	3	3	-
Of pharynx (146-149.0)	14	14	-	282	200	69	124	87	36	4	4	-
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	11	11	-	184	156	28	60	49	11	7	7	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	579	529	10	10,186	8,737	1,298	2,871	2,102	755	351	345	-
Of esophagus (150)	29	27	1	806	605	194	270	153	115	23	23	-
Of stomach (151)	87	74	-	1,360	1,116	209	304	195	108	54	53	-
Of small intestine, including duodenum (152)	6	6	-	80	61	18	27	24	3	2	2	-
Of colon (153)	186	180	5	4,150	3,690	420	1,176	916	256	140	137	-
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	1	1	-	33	28	5	7	7	-	-	-	-
Descending colon (153.2)	-	-	-	19	16	3	7	5	1	2	2	-
Sigmoid colon (153.3)	4	3	1	130	113	16	24	17	7	8	8	-
Cecum, appendix, and ascending colon (153.4-153.6)	8	8	-	154	136	18	29	22	7	9	9	-
Other and colon, unspecified (153.8-153.9)	173	168	4	3,814	3,397	378	1,109	865	241	121	118	-
Of rectum, rectosigmoid junction, and anus (154)	45	43	-	701	634	62	175	130	44	19	19	-
Of liver and intrahepatic bile ducts (155)	45	40	-	576	437	100	172	128	42	19	19	-
Liver, primary (155.0)	20	18	-	318	243	51	77	61	14	5	5	-
Intrahepatic bile ducts (155.1)	5	3	-	77	69	5	31	23	8	7	7	-
Liver, not specified as primary or secondary (155.2)	20	19	-	181	125	44	64	44	20	7	7	-
Of gallbladder and extrahepatic bile ducts (156)	37	29	-	379	338	35	79	66	13	21	20	-
Of pancreas (157)	132	120	2	1,969	1,706	245	626	458	164	63	62	-
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	12	10	2	165	150	15	42	32	10	10	10	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	549	526	13	10,087	8,713	1,265	3,990	3,244	720	287	281	1
Of larynx (161)	15	14	1	341	265	73	104	65	39	7	7	-
Of trachea, bronchus, and lung (162)	526	504	12	9,644	8,358	1,181	3,844	3,139	679	272	266	1
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	8	8	-	102	90	11	42	40	2	8	8	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	244	235	3	4,724	4,175	515	1,439	1,159	267	139	139	-
Of bone and articular cartilage (170)	6	6	-	68	63	4	39	24	12	2	2	-
Of connective and other soft tissue (171)	7	7	-	247	214	31	75	54	20	8	8	-
Melanoma of skin (172)	23	23	-	445	425	16	164	160	4	6	6	-
Other malignant neoplasms of skin (173)	7	7	-	146	125	20	56	51	5	4	4	-
Of female breast (174)	200	191	3	3,785	3,318	441	1,100	867	224	115	115	-
Of male breast (175)	1	1	-	33	30	3	5	3	2	4	4	-
Malignant neoplasms of genital organs (179-187)	257	234	5	4,123	3,506	591	1,529	1,036	478	203	201	-
Of cervix uteri (180)	24	17	-	323	235	83	143	74	65	5	4	-
Of other parts of uterus (179,181-182)	19	18	-	503	420	79	154	97	56	16	15	-
Of ovary and other uterine adnexa (183)	61	60	-	1,015	922	85	307	258	48	40	40	-
Of other and unspecified female genital organs (184)	5	5	-	93	81	12	22	17	5	9	9	-
Of prostate (185)	146	132	5	2,136	1,801	327	891	580	302	132	132	-
Of testis (186)	1	1	-	32	28	3	9	8	1	-	-	-
Of penis and other male genital organs (187)	1	1	-	21	19	2	3	2	1	1	1	-
Malignant neoplasms of urinary organs (188-189)	76	72	-	1,597	1,466	125	486	389	95	60	60	-
Of bladder (188)	32	31	-	883	805	75	218	171	46	27	27	-
Of kidney and other and unspecified urinary organs (189)	44	41	-	714	660	50	268	218	49	33	33	-
Malignant neoplasms of other and unspecified sites (190-199)	269	250	3	3,146	2,723	385	1,150	920	218	132	131	-
Of eye (190)	-	-	-	12	10	2	4	4	-	4	4	-
Of brain (191)	62	58	-	686	645	32	270	242	24	47	47	-
Of other and unspecified parts of nervous system (192)	2	2	-	14	13	1	15	14	1	1	1	-
Of thyroid gland and other endocrine glands and related structures (193-194)	5	5	-	146	124	21	33	25	7	3	3	-
Of all other and unspecified sites (195-199)	200	185	3	2,288	1,931	329	828	635	186	77	77	-
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	238	220	5	3,569	3,174	359	1,272	1,034	227	170	169	-
Lymphosarcoma and reticulosarcoma (200)	7	7	-	176	167	9	40	36	3	10	10	-
Hodgkin's disease (201)	10	9	1	171	151	19	47	40	7	4	4	-
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	82	76	3	1,312	1,181	122	416	366	49	62	61	-
Multiple myeloma and immunoproliferative neoplasms (203)	53	47	1	582	477	98	280	187	90	26	26	-
Leukemia (204-208)	86	81	-	1,328	1,198	111	489	405	78	68	68	-
Lymphoid leukemia (204)	25	24	-	393	354	34	142	116	26	26	26	-
Myeloid leukemia (205)	27	25	-	581	526	46	210	174	30	24	24	-
Monocytic leukemia (206)	-	-	-	16	15	1	5	4	1	2	2	-
Other and unspecified leukemia (207-208)	34	32	-	338	303	30	132	111	21	16	16	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	49	43	1	538	468	63	139	105	32	19	18	-
Benign neoplasms (210-229)	7	6	-	90	71	18	47	30	16	6	6	-
Of female genital organs (218-221)	-	-	-	3	3	-	1	-	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225)	6	5	-	52	43	8	27	20	7	4	4	-
Of all other and unspecified sites (210-217,222-223,226-229)	1	1	-	35	25	10	19	10	8	2	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	-	1	1	-	-	-	-	-	-	-
Neoplasms of uncertain behavior (235-238)	12	9	-	95	87	7	35	28	7	5	5	-
Neoplasms of unspecified nature (239)	30	28	1	352	309	38	57	47	9	8	7	-
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	366	318	8	3,724	2,927	758	1,830	1,192	614	184	173	-
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	345	299	8	3,635	2,850	746	1,746	1,131	592	173	162	-
Disorders of thyroid gland (240-246)	6	6	-	40	34	6	21	16	5	2	2	-
Diabetes mellitus (250)	297	258	5	2,786	2,172	579	1,375	876	478	143	133	-
Disorders of the pituitary gland and its hypothalamic control (253)	3	2	-	18	15	2	12	11	1	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	1	1	-	13	12	1	8	7	1	-	-	-
Cystic fibrosis (277.0)	1	1	-	24	21	3	8	8	-	1	1	-
Obesity (278.0)	5	3	1	68	55	13	51	27	24	2	2	-
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	32	28	2	686	541	142	271	186	83	25	24	-
Nutritional deficiencies (260-269)	21	19	-	89	77	12	84	61	22	11	11	-
Nutritional marasmus (261)	1	1	-	17	12	5	12	11	1	1	1	-
Other protein-calorie malnutrition (262-263)	19	17	-	60	53	7	63	43	19	10	10	-
All other nutritional deficiencies (260,264-269)	1	1	-	12	12	-	9	7	2	-	-	-
IV. Diseases of blood and blood-forming organs (280-289)	44	39	4	672	527	139	241	154	86	17	17	-
Anemias (280-285)	21	17	3	231	172	57	124	72	52	3	3	-
Deficiency anemias (280-281)	2	2	-	12	12	-	5	3	2	-	-	-
Hemolytic anemias (282-283)	1	-	1	48	25	23	28	9	19	1	1	-
Aplastic anemia (284)	12	10	1	82	70	12	41	30	11	1	1	-
Other and unspecified anemias (285)	6	5	1	89	65	22	50	30	20	1	1	-
Purpura and other hemorrhagic conditions (287)	3	3	-	68	54	14	16	12	3	-	-	-
All other diseases of blood and blood-forming organs (286,288-289)	20	19	1	373	301	68	101	70	31	14	14	-
V. Mental disorders (290-319)	256	222	3	1,520	1,119	397	958	675	278	82	80	-
Senile and presenile organic psychotic conditions (290)	48	47	-	320	308	11	341	287	53	32	32	-
Alcoholic psychoses (291)	1	1	-	17	10	7	33	10	21	-	-	-
All other psychoses (292-299)	35	32	1	170	154	14	141	112	29	12	12	-
Alcohol dependence syndrome (303)	97	73	1	465	266	199	212	97	114	14	12	-
Drug dependence (304)	5	5	-	116	57	59	1	1	-	-	-	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	69	63	1	402	295	106	212	152	59	22	22	-
Mental retardation (317-319)	1	1	-	30	29	1	18	16	2	2	2	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	209	198	4	2,012	1,713	285	1,015	833	169	118	116	-
Diseases of the nervous system (320-359)	207	197	4	2,008	1,711	283	1,010	831	168	118	116	-
Meningitis (320-322)	6	5	-	119	66	51	27	16	10	1	1	-
Parkinson's disease (332)	43	41	1	305	289	14	159	150	8	27	27	-
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	107	105	2	795	731	59	562	491	66	57	57	-
Multiple sclerosis (340)	9	8	1	126	107	18	29	19	8	9	8	-
Infantile cerebral palsy (343)	2	2	-	45	32	11	21	16	3	-	-	-
Epilepsy (345)	6	4	-	99	76	23	39	16	23	8	7	-
Other diseases of the nervous system (323-326,341-342,344,346-359)	34	32	-	519	410	107	173	123	48	16	16	-
Disorders of the eye and adnexa (360-379)	1	1	-	1	1	-	-	-	-	-	-	-
Diseases of the ear and mastoid process (380-389)	1	-	-	3	1	2	5	2	3	-	-	-
VII. Diseases of the circulatory system (390-459)	3,833	3,623	66	77,757	68,635	8,451	24,979	19,275	5,511	2,483	2,429	3
Rheumatic fever and rheumatic heart disease (390-399)	37	31	1	478	435	39	156	130	26	19	18	-
Acute rheumatic fever (390-392)	-	-	-	4	3	1	-	-	-	-	-	-
Chronic rheumatic heart disease (393-398)	37	31	1	474	432	38	156	130	26	19	18	-
Diseases of mitral valve (394)	17	16	-	195	174	18	75	66	9	8	8	-
Diseases of aortic valve (395)	-	-	-	19	17	2	4	1	3	4	4	-
Diseases of mitral and aortic valves (396)	4	3	-	71	65	6	31	29	5	6	5	-
All other chronic rheumatic heart disease (393,397-398)	16	12	1	189	176	12	46	37	9	6	6	-
Hypertensive disease (401-404)	149	135	4	2,603	1,861	714	934	514	415	54	54	-
Essential hypertension (401)	23	21	1	348	242	103	98	61	37	10	10	-
Hypertensive heart disease (402)	98	89	2	1,806	1,280	509	584	330	251	30	30	-
Hypertensive renal disease (403)	17	16	-	310	234	69	165	81	82	9	9	-
Hypertensive heart and renal disease (404)	11	9	1	139	105	33	87	42	45	5	5	-
Ischemic heart disease (410-414)	1,499	1,444	20	49,500	44,761	4,352	13,139	10,547	2,474	1,320	1,290	1
Acute myocardial infarction (410)	760	724	10	21,000	19,107	1,729	7,319	5,891	1,350	747	728	1
Other acute and subacute forms of ischemic heart disease (411)	1	-	-	252	233	18	55	37	17	2	2	-
Angina pectoris (413)	1	1	-	49	43	5	36	31	5	2	2	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	737	719	10	28,199	25,378	2,600	5,729	4,588	1,102	569	558	-
Diseases of pulmonary circulation (415-417)	57	51	2	863	682	176	388	273	113	24	24	-
Other forms of heart disease (420-429)	1,312	1,233	19	12,037	10,212	1,722	4,626	3,520	1,067	476	464	1
Acute and subacute endocarditis (421)	4	3	-	95	70	25	29	17	12	-	-	-
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	5	5	-	84	67	16	30	15	14	1	1	-
Other diseases of endocardium (424)	39	35	2	845	760	76	323	266	55	34	34	-
Mitral valve disorders (424.0)	7	5	1	94	88	5	52	42	9	3	3	-
Aortic valve disorders (424.1)	19	17	1	510	473	33	194	157	36	14	14	-
All other diseases of endocardium (424.2-424.9)	13	13	-	241	199	38	77	67	10	17	17	-
Heart failure (428)	184	174	2	2,837	2,509	306	747	589	155	125	125	-
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	4	3	1	81	74	6	31	21	9	7	7	-
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	1,076	1,013	14	8,095	6,732	1,293	3,466	2,612	822	309	297	1
Cerebrovascular diseases (430-438)	563	522	17	9,145	7,897	1,125	4,613	3,392	1,195	403	397	-
Subarachnoid hemorrhage (430)	26	26	-	518	372	130	184	129	54	18	18	-
Intracerebral and other intracranial hemorrhage (431-432)	86	77	3	1,554	1,221	287	598	404	189	57	57	-
Occlusion and stenosis of precerebral arteries (433)	5	5	-	75	71	4	33	28	5	3	3	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	44	41	2	1,440	1,324	103	580	452	126	57	56	-
Cerebral embolism (434.1)	2	2	-	51	46	3	19	15	4	2	2	-
Acute but ill-defined cerebrovascular disease (436)	323	300	9	4,754	4,177	538	2,860	1,960	684	230	227	-
Other and late effects of cerebrovascular diseases (435,437-438)	77	71	3	753	686	60	539	404	133	36	34	-
Diseases of arteries, arterioles, and capillaries (440-448)	203	195	2	2,723	2,478	231	1,018	821	194	172	168	-
Atherosclerosis (440)	101	97	1	1,114	1,021	86	369	289	79	93	92	-
Aortic aneurysm (441)	71	69	1	1,074	984	85	414	361	52	52	50	-
All other diseases of arteries, arterioles, and capillaries (442-448)	31	29	-	535	473	60	235	171	63	27	26	-
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	13	12	1	408	309	92	105	78	27	15	14	1
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	5	4	1	159	118	41	37	24	13	7	6	1
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	8	8	-	249	191	51	68	54	14	8	8	-
VIII. Diseases of the respiratory system (460-519)	1,088	1,017	10	14,662	12,739	1,770	4,530	3,750	751	446	437	-
Diseases of the upper respiratory tract (460-465,470-478)	4	2	-	43	33	9	11	7	4	2	2	-
Acute upper respiratory infections (460-465)	2	1	-	13	9	4	5	4	1	1	1	-
Other diseases of upper respiratory tract (470-478)	2	1	-	30	24	5	6	3	3	1	1	-
Other diseases of the respiratory system (466,480-519)	1,084	1,015	10	14,619	12,706	1,761	4,519	3,743	747	444	435	-
Acute bronchitis and bronchiolitis (466)	3	2	-	51	41	9	16	14	2	2	1	-
Pneumonia (480-486)	377	337	5	6,985	5,905	997	1,881	1,504	366	182	179	-
Viral pneumonia (480)	8	6	-	23	20	3	10	8	1	1	1	-
Pneumococcal and other bacterial pneumonia (481-482)	39	29	1	1,249	971	256	129	98	30	7	7	-
Bronchopneumonia, organism unspecified (485)	34	31	1	1,391	1,195	181	97	78	18	21	20	-
Pneumonia due to other and unspecified organism (483,486)	296	271	3	4,322	3,719	557	1,645	1,320	317	153	151	-
Influenza (487)	15	14	-	48	46	1	21	19	2	14	14	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	546	536	3	5,562	5,095	419	1,934	1,676	243	197	194	-
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	171	167	2	1,630	1,423	195	545	467	77	52	52	-
Bronchitis, not specified as acute or chronic (490)	6	5	-	33	32	1	17	14	3	1	1	-
Chronic bronchitis (491)	13	13	-	180	164	16	102	95	7	7	7	-
Emphysema (492)	125	124	1	959	906	49	294	264	29	27	27	-
Asthma (493)	27	25	1	458	321	129	132	94	38	17	17	-
Bronchiectasis and extrinsic allergic alveolitis (494-495)	1	1	-	56	53	3	21	19	2	1	1	-
Chronic airways obstruction, not elsewhere classified (496)	374	368	1	3,876	3,619	221	1,368	1,190	164	144	141	-
Pneumoconioses and other lung diseases due to external agents (500-508)	35	32	1	653	537	112	269	214	54	15	15	-
Empyema and abscess of lung and mediastinum (510,513)	5	5	-	103	76	26	25	13	11	1	1	-
Pleurisy (511)	3	3	-	111	88	21	18	18	-	2	2	-
All other diseases of respiratory system (512,514-519)	100	86	1	1,106	918	176	355	285	69	31	29	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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)	483	416	6	6,037	4,992	965	2,036	1,516	503	198	185	-
Diseases of oral cavity, salivary glands, and jaws (520-529)	-	-	-	4	2	2	2	2	-	1	-	-
Diseases of other parts of the digestive system (530-579)	483	416	6	6,033	4,990	963	2,034	1,514	503	197	185	-
Ulcer of stomach and duodenum (531-533)	27	27	-	596	498	83	184	141	41	21	20	-
Gastric ulcer (531)	6	6	-	185	144	34	48	31	16	7	6	-
Duodenal ulcer (532)	11	11	-	219	184	31	66	60	6	8	8	-
Peptic ulcer, site unspecified (533)	10	10	-	192	170	18	70	50	19	6	6	-
Gastritis and duodenitis (535)	1	1	-	57	45	12	24	16	8	2	2	-
Appendicitis (540-543)	2	2	-	42	30	12	11	5	6	1	1	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	28	26	-	382	325	52	144	106	37	22	22	-
Regional enteritis and idiopathic proctocolitis (555-558)	-	-	-	54	53	1	16	14	2	2	2	-
All other noninfective gastroenteritis and colitis (557-559)	42	39	1	625	566	58	242	207	35	22	21	-
Diverticula of intestine (562)	14	13	1	214	199	14	69	56	13	8	8	-
Chronic liver disease and cirrhosis (571)	205	167	1	2,152	1,752	381	759	539	212	58	49	-
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	120	92	1	1,056	801	247	403	255	141	37	28	-
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	5	5	-	77	69	6	35	27	8	4	4	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	80	70	-	1,019	882	128	321	257	63	17	17	-
Cholelithiasis and other disorders of gallbladder (574-575)	22	17	-	179	161	12	90	73	16	6	6	-
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	142	124	3	1,732	1,361	338	495	357	133	55	54	-
X. Diseases of the genitourinary system (580-629)	154	133	6	3,351	2,603	706	1,151	760	385	86	84	-
Diseases of urinary system (580-599)	152	131	6	3,271	2,545	684	1,113	737	370	81	79	-
Nephritis, nephrotic syndrome, and nephrosis (580-589)	96	84	1	1,878	1,445	404	536	333	199	58	56	-
Acute glomerulonephritis (580)	-	-	-	16	13	2	4	4	-	-	-	-
Nephrotic syndrome (581)	1	1	-	14	12	2	9	6	3	1	1	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	6	4	-	106	87	19	70	41	28	4	4	-
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	89	79	1	1,742	1,333	381	453	282	168	53	51	-
Infections of kidney (590)	6	5	1	74	65	9	40	27	12	2	2	-
Urinary calculus (592,594)	1	1	-	20	19	1	14	11	3	-	-	-
All other diseases of urinary system (591,593,595-599)	49	41	4	1,299	1,016	270	523	366	156	21	21	-
Diseases of male genital organs (600-608)	2	2	-	49	37	12	29	19	10	3	3	-
Hyperplasia of prostate (600)	1	1	-	29	20	9	16	11	5	2	2	-
Other diseases of male genital organs (601-608)	1	1	-	20	17	3	13	8	5	1	1	-
Disorders of breast (610-611)	-	-	-	5	4	1	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	-	-	-	26	17	9	9	4	5	2	2	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	4	2	2	32	19	13	7	2	5	1	-	-
Pregnancy with abortive outcome (630-638)	-	-	-	5	2	3	1	-	1	-	-	-
Ectopic pregnancy (633)	-	-	-	3	1	2	1	-	1	-	-	-
Spontaneous abortion (634)	-	-	-	-	-	-	-	-	-	-	-	-
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	2	26	16	10	4	1	3	1	-	-
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	6	5	1	-	-	1	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	1	-	1	6	3	3	1	-	1	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	2	2	-	8	5	3	2	1	1	-	-	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	1	-	1	6	3	3	1	-	1	-	-	-
Indirect obstetric causes (647-648)	-	-	-	1	1	-	2	1	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	11	10	-	339	254	82	115	63	51	8	7	-
Infections of skin and subcutaneous tissue (680-686)	4	3	-	75	62	13	21	12	9	2	2	-
All other diseases of skin and subcutaneous tissue (690-709)	7	7	-	264	192	69	94	51	42	6	5	-
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	46	44	1	455	368	79	218	146	70	16	16	-
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	15	15	-	72	71	-	62	48	13	6	6	-
Other arthropathies and related disorders (710-712,715-719)	20	19	1	223	166	52	93	55	37	7	7	-
Dorsopathies (720-724)	2	2	-	12	10	1	10	7	3	-	-	-
Rheumatism, excluding the back (725-729)	3	2	-	52	36	16	18	10	8	-	-	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	6	6	-	96	85	10	35	26	9	3	3	-
XIV. Congenital anomalies (740-759)	82	64	5	855	650	178	324	208	111	45	42	-
Spina bifida (741)	2	2	-	6	5	1	6	5	1	-	-	-
All other congenital anomalies of nervous system (740,742)	7	4	1	84	72	12	31	20	10	4	4	-
Congenital anomalies of heart (745-746)	28	23	1	313	218	79	119	76	42	15	14	-
Other congenital anomalies of circulatory system (747)	12	9	1	92	72	18	26	18	8	7	7	-
All other congenital anomalies (743-744,748-759)	33	26	2	360	283	68	142	89	50	19	17	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	100	75	1	1,622	918	686	607	271	317	23	16	-
Birth trauma (767)	1	1	-	13	8	5	1	1	-	-	-	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	20	14	-	352	201	145	133	70	58	6	4	-
Other conditions originating in the perinatal period (760-766,770-779)	79	60	1	1,257	709	536	473	200	259	17	12	-
XVI. Symptoms, signs, and ill-defined conditions (780-799)	108	86	2	2,568	1,507	1,024	406	250	150	64	60	-
Senility without mention of psychosis (797)	7	6	-	20	14	6	75	56	19	11	11	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	101	80	2	2,548	1,493	1,018	331	194	131	53	49	-
Supplementary classification of external causes of injury and poisoning (E800-E999)	1,297	1,050	25	9,446	6,873	2,389	4,780	3,317	1,374	306	273	2
Accidents and adverse effects (E800-E949)	815	631	11	5,422	4,360	966	3,176	2,224	884	222	200	1
Transport accidents (E800-E848)	512	391	7	2,593	2,182	359	1,677	1,263	376	106	94	1
Railway accidents (E800-E807)	6	2	-	88	58	28	23	17	6	2	2	-
Motor vehicle accidents (E810-E825)	490	374	7	2,432	2,058	324	1,589	1,186	366	101	89	1
Motor vehicle traffic accidents (E810-E819)	483	368	6	2,389	2,017	322	1,552	1,156	360	96	84	1
Involving collision with train (E810)	5	5	-	7	6	1	19	16	3	4	4	-
Involving collision with another motor vehicle (E811-E812)	168	144	-	787	717	57	708	571	125	36	33	-
Involving collision with pedestrian (E814)	85	47	3	650	494	138	216	124	85	11	9	-
Involving collision with other vehicle or object (E813,E815)	45	39	-	430	366	58	296	220	68	8	7	-
Not involving collision on highway (E816-E819)	163	122	3	294	253	34	252	186	57	29	23	1
Motor vehicle traffic accident of unspecified nature (E819)	17	11	-	221	181	34	61	39	22	8	8	-
Motor vehicle nontraffic accidents (E820-E825)	7	6	1	43	41	2	37	30	6	5	5	-
Other road vehicle accidents (E826-E829)	2	2	-	8	7	1	5	5	-	1	1	-
Water transport accidents (E830-E838)	1	1	-	29	23	6	23	20	3	2	2	-
Air and space transport accidents (E840-E845)	13	12	-	33	33	-	36	35	1	2	2	-
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	3	3	-	1	-	-	-	-	-
Accidental poisoning (E850-E869)	78	71	2	376	248	128	204	117	83	8	7	-
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	65	62	2	318	201	117	99	62	35	4	4	-
Accidental poisoning by other solid or liquid substances (E860-E866)	4	2	-	15	12	3	89	42	45	1	-	-
Accidental poisoning by gases and vapors (E867-E869)	9	7	-	43	35	8	16	13	3	3	3	-
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	12	10	-	259	202	56	100	64	36	8	8	-
Accidental falls (E880-E888)	61	54	-	920	771	130	326	265	57	36	35	-
Fall from one level to another (E880-E884)	17	14	-	275	222	46	52	38	13	3	3	-
Fall on same level (E885-E886)	-	-	-	32	29	3	4	3	1	2	2	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	44	40	-	613	520	81	270	224	43	31	30	-
Accidents caused by fire and flames (E890-E899)	20	16	-	375	258	110	203	101	90	11	8	-
Other accidents, including late effects (E900-E929)	132	89	2	888	690	181	660	410	240	53	48	-
Lightning (E907)	5	4	-	3	3	-	4	4	-	-	-	-
Accidental drowning and submersion (E910)	30	19	2	164	119	37	129	72	54	7	6	-
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	10	5	-	213	169	44	116	81	35	10	10	-
Accident caused by handgun (E922.0)	1	1	-	3	2	1	7	3	4	-	-	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	9	6	-	47	34	10	52	34	15	3	3	-
Accident caused by explosive material (E923)	-	-	-	10	8	2	7	4	3	1	1	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	3	3	-	17	15	1	7	4	3	-	-	-
Accident caused by electric current (E925)	6	6	-	23	18	5	18	15	2	-	-	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	68	45	-	408	322	81	320	193	124	32	28	-
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	-	-	-	11	9	2	6	4	2	-	-	-
Suicide (E950-E959)	298	270	4	1,519	1,328	152	871	771	92	70	64	1
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	45	43	-	145	136	8	73	68	5	4	4	-
Suicide by other solid or liquid substances (E950.6-E950.9)	1	1	-	13	9	4	5	5	-	-	-	-
Suicide by gases and vapors (E951-E952)	17	16	1	95	92	3	35	32	3	10	10	-
Suicide by hanging, strangulation, and suffocation (E953)	30	21	-	370	321	33	75	69	6	11	9	-
Suicide by handgun (E955.0)	112	107	1	19	19	-	58	48	9	2	2	-
Suicide by all other and unspecified firearms (E955.1-E955.4)	81	71	2	564	519	41	592	525	61	40	36	1
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	12	11	-	313	232	63	33	24	8	3	3	-
Homicide and legal intervention (E960-E978)	159	128	9	2,298	1,038	1,212	705	301	391	9	5	-
Assault by handgun (E965.0)	19	16	2	4	2	2	33	13	20	1	-	-
Assault by all other and unspecified firearms (E965.1-E965.4)	55	50	1	1,590	687	879	411	173	229	4	4	-
Assault by cutting and piercing instrument (E966)	31	21	2	388	161	216	123	44	78	2	-	-
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	49	38	2	302	180	116	133	69	61	2	1	-
Legal execution (E978)	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	5	3	2	14	8	5	5	2	3	-	-	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	25	21	1	207	147	59	27	21	6	5	4	-
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	8	7	1	74	52	21	12	10	2	-	-	-
From poisoning by other solid or liquid substances (E980.6-E980.9)	2	1	-	2	1	1	1	1	-	1	-	-
From injury by handgun (E985.0)	-	-	-	-	-	-	-	-	-	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	4	4	-	16	10	6	4	4	-	2	2	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	11	9	-	115	84	31	10	6	4	2	2	-
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	1	-	1	-	-	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	98,375	87,717	10,453	29,816	26,637	2,026	24,918	24,187	354	123,711	111,275	12,082
I. Infectious and parasitic diseases (001-139)	1,566	1,281	280	543	443	68	342	317	12	2,822	2,189	620
Intestinal infectious diseases (001-009)	21	18	3	8	6	2	-	-	-	21	14	7
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	2	2	-	-	-	-	-	-	-	9	7	2
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	13	13	-	4	4	-	-	-	-	6	5	1
Ill-defined intestinal infections (009)	6	3	3	4	2	2	-	-	-	6	2	4
Tuberculosis (010-018)	62	48	14	28	15	5	14	11	2	81	46	35
Tuberculosis of respiratory system (010-012)	44	33	11	19	11	3	10	9	1	71	41	30
Other tuberculosis (013-018)	18	15	3	9	4	2	4	2	1	10	5	5
Zoonotic and other bacterial diseases (020-041)	816	705	110	312	260	36	126	118	5	1,742	1,442	293
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	1	1	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	1	1	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	14	13	1	1	1	-	4	3	1	9	9	-
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	776	670	105	297	246	35	111	106	4	1,669	1,375	287
All other bacterial diseases (020-022,024-031,039-041)	24	20	4	14	13	1	11	9	-	64	58	6
Viral diseases (*042-*044,045-079)	506	390	112	137	113	18	172	159	5	766	513	248
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	1	1	-	-	-	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	49	39	9	23	21	1	22	19	1	46	40	5
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	456	350	103	114	92	17	150	140	4	720	473	243
Rickettsioses and other arthropod-borne diseases (080-088)	1	1	-	1	-	1	1	1	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	1	-	1	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	1	1	-	-	-	-	1	1	-	-	-	-
Syphilis and other venereal diseases (090-099)	2	2	-	2	2	-	-	-	-	4	2	2
Syphilis (090-097)	2	2	-	2	2	-	-	-	-	4	2	2
Cardiovascular syphilis (093)	1	1	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	1	1	-	2	2	-	-	-	-	1	1	-
All other syphilis (090-091,095-097)	-	-	-	-	-	-	-	-	-	3	1	2
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	158	117	41	55	47	6	29	28	-	208	172	35
Mycoses (110-118)	87	74	13	37	31	4	11	11	-	116	99	17
Helminthiasis (120-129)	5	3	2	-	-	-	-	-	-	1	1	-
Late effects of tuberculosis (137)	3	1	2	1	1	-	3	3	-	8	8	-
Late effects of acute poliomyelitis (138)	8	7	1	1	1	-	2	2	-	11	11	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	55	32	23	16	14	2	13	12	-	72	53	18
II. Neoplasms (140-239)	23,567	20,963	2,552	6,752	6,148	398	5,914	5,751	86	29,678	26,857	2,706
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	23,218	20,650	2,518	6,681	6,082	396	5,821	5,660	85	29,211	26,437	2,660
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	353	295	58	82	74	3	92	87	2	423	367	51
Of lip (140)	-	-	-	2	1	1	1	1	-	6	6	-
Of tongue (141)	83	71	12	13	12	-	20	19	1	108	92	15
Of pharynx (146-149,0)	180	152	28	45	39	2	38	36	-	184	156	25
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	90	72	18	22	22	-	33	31	1	125	113	11
Malignant neoplasms of digestive organs and peritoneum (150-159)	5,531	4,870	644	1,413	1,257	103	1,321	1,274	24	7,414	6,712	683
Of esophagus (150)	419	334	83	76	61	12	102	97	4	576	470	104
Of stomach (151)	576	501	72	161	139	15	130	118	5	870	763	96
Of small intestine, including duodenum (152)	35	31	4	16	15	1	6	4	1	59	54	5
Of colon (153)	2,398	2,155	240	623	561	41	503	493	7	3,136	2,902	230
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	22	21	1	1	1	-	4	4	-	20	19	1
Descending colon (153.2)	10	9	1	-	-	-	4	4	-	9	9	-
Sigmoid colon (153.3)	59	55	4	6	4	2	10	10	-	87	80	7
Cecum, appendix, and ascending colon (153.4-153.6)	89	82	6	17	17	-	15	15	-	100	93	7
Other and colon, unspecified (153.8-153.9)	2,218	1,988	228	599	539	39	470	460	7	2,920	2,701	215
Of rectum, rectosigmoid junction, and anus (154)	381	340	39	86	76	4	103	103	-	488	456	29
Of liver and intrahepatic bile ducts (155)	320	278	40	90	79	8	75	64	4	444	384	49
Liver, primary (155.0)	128	105	23	27	23	3	43	37	4	196	163	25
Intrahepatic bile ducts (155.1)	59	57	1	18	16	2	14	13	-	86	80	3
Liver, not specified as primary or secondary (155.2)	133	116	16	45	40	3	18	14	-	162	141	21
Of gallbladder and extrahepatic bile ducts (156)	210	192	18	45	41	1	51	50	-	236	227	8
Of pancreas (157)	1,082	939	138	293	265	20	321	315	3	1,438	1,304	127
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	110	100	10	23	20	1	30	30	-	167	152	15
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	6,844	6,029	801	2,135	1,968	115	1,790	1,748	27	7,840	6,989	817
Of larynx (161)	160	128	31	40	34	6	40	40	-	237	187	49
Of trachea, bronchus, and lung (162)	6,631	5,860	758	2,090	1,922	106	1,725	1,684	27	7,539	6,749	758
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	53	41	12	15	12	3	25	24	-	64	53	10

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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	White	Black	All races	White	Black	All races	White	Black	All races	White	Black
Malignant neoplasms, etc.—Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	2,668	2,429	235	665	618	29	589	578	4	3,313	3,079	228
Of bone and articular cartilage (170)	45	42	3	12	12	—	13	12	—	31	29	2
Of connective and other soft tissue (171)	136	117	18	33	31	2	37	37	—	167	150	17
Melanoma of skin (172)	279	271	8	91	89	—	81	81	—	351	347	4
Other malignant neoplasms of skin (173)	87	80	7	26	24	1	16	15	—	122	109	13
Of female breast (174)	2,105	1,904	198	501	461	25	436	427	4	2,622	2,425	191
Of male breast (175)	16	15	1	2	1	1	6	6	—	20	19	1
Malignant neoplasms of genital organs (179-187)	2,461	2,133	323	789	704	60	685	661	12	3,166	2,812	344
Of cervix uteri (180)	181	154	25	60	50	7	51	46	1	215	175	36
Of other parts of uterus (179,181-182)	266	230	36	84	77	6	58	54	4	391	352	39
Of ovary and other uterine adnexa (183)	584	541	42	191	175	8	160	155	—	745	704	40
Of other and unspecified female genital organs (184)	61	57	4	13	11	2	9	8	—	62	58	4
Of prostate (185)	1,335	1,118	215	434	384	37	397	388	7	1,724	1,497	222
Of testis (186)	24	23	1	2	2	—	8	8	—	19	18	1
Of penis and other male genital organs (187)	10	10	—	5	5	—	2	2	—	10	8	2
Malignant neoplasms of urinary organs (188-189)	962	891	69	269	245	13	221	217	2	1,234	1,140	91
Of bladder (188)	492	457	34	137	130	5	112	111	1	647	597	48
Of kidney and other and unspecified urinary organs (189)	470	434	35	132	115	8	109	106	1	587	543	43
Malignant neoplasms of other and unspecified sites (190-199)	2,133	1,922	206	691	622	48	553	534	9	3,124	2,843	270
Of eye (190)	14	14	—	4	4	—	3	3	—	10	10	—
Of brain (191)	444	418	25	154	150	3	161	159	—	576	552	22
Of other and unspecified parts of nervous system (192)	10	10	—	6	5	1	4	4	—	12	11	1
Of thyroid gland and other endocrine glands and related structures (193-194)	74	66	7	30	25	2	20	19	—	109	97	12
Of all other and unspecified sites (195-199)	1,591	1,414	174	497	438	42	365	349	9	2,417	2,173	235
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	2,266	2,081	182	637	594	25	570	561	5	2,697	2,495	198
Lymphosarcoma and reticulosarcoma (200)	112	109	3	28	26	1	32	31	—	145	141	3
Hodgkin's disease (201)	91	82	9	21	19	—	14	13	—	96	94	2
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	781	748	32	223	213	6	189	187	1	957	906	49
Multiple myeloma and immunoproliferative neoplasms (203)	386	331	54	117	106	7	109	105	4	494	412	81
Leukemia (204-208)	896	811	84	248	230	11	226	225	—	1,005	942	61
Lymphoid leukemia (204)	252	227	24	69	66	2	70	70	—	308	285	22
Myeloid leukemia (205)	393	355	38	104	98	2	99	98	—	389	371	17
Monocytic leukemia (206)	10	8	2	2	2	—	3	3	—	15	15	—
Other and unspecified leukemia (207-208)	241	221	20	73	64	7	54	54	—	293	271	22
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	349	313	34	71	66	2	93	91	1	467	420	46
Benign neoplasms (210-229)	56	46	10	21	20	1	24	22	1	98	85	13
Of female genital organs (218-221)	1	1	—	—	—	—	—	—	—	3	1	2
Of eye, brain, and other parts of nervous system (224-225)	37	29	8	14	14	—	16	14	1	72	63	9
Of all other and unspecified sites (210-217,222-223,226-229)	18	16	2	7	6	1	8	8	—	23	21	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)	87	79	7	20	18	—	23	23	—	90	83	6
Neoplasms of unspecified nature (239)	206	188	17	30	28	1	46	46	—	278	251	27
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	3,532	3,059	466	688	563	57	643	618	13	4,332	3,797	529
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	3,367	2,907	453	643	526	54	611	588	11	4,144	3,641	497
Disorders of thyroid gland (240-246)	56	51	5	7	7	—	5	5	—	87	78	9
Diabetes mellitus (250)	2,748	2,377	365	495	395	40	457	438	9	3,317	2,931	382
Disorders of the pituitary gland and its hypothalamic control (253)	11	8	3	1	1	—	3	3	—	4	3	1
Diseases of thymus gland (254)	—	—	—	—	—	—	—	—	—	—	—	—
Disorders of adrenal glands (255)	6	5	1	—	—	—	5	4	—	9	8	1
Cystic fibrosis (277.0)	24	22	2	6	6	—	9	9	—	17	16	1
Obesity (278.0)	70	58	12	18	13	4	17	17	—	90	76	14
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	452	386	65	116	104	10	115	112	2	620	529	89
Nutritional deficiencies (260-269)	165	152	13	45	37	3	32	30	2	188	156	32
Nutritional marasmus (261)	19	17	2	6	6	—	—	—	—	8	7	1
Other protein-calorie malnutrition (262-263)	136	127	9	37	29	3	28	26	2	170	140	30
All other nutritional deficiencies (260,264-269)	10	8	2	2	2	—	4	4	—	10	9	1
IV. Diseases of blood and blood-forming organs (280-289)	410	347	62	102	95	5	96	91	2	528	453	74
Anemias (280-285)	211	173	38	44	39	4	34	32	1	237	198	38
Deficiency anemias (280-281)	17	17	—	4	3	1	4	4	—	13	12	1
Hemolytic anemias (282-283)	37	14	23	7	5	2	9	8	1	33	16	17
Aplastic anemia (284)	69	63	6	16	15	1	11	10	—	69	65	4
Other and unspecified anemias (285)	88	79	9	17	16	—	10	10	—	122	105	16
Purpura and other hemorrhagic conditions (287)	26	22	3	10	9	—	12	10	—	51	45	6
All other diseases of blood and blood-forming organs (286,288-289)	173	152	21	48	47	1	50	49	1	240	210	30
V. Mental disorders (290-319)	1,109	976	132	267	231	23	503	486	6	1,129	985	142
Senile and presenile organic psychotic conditions (290)	441	416	24	99	96	2	194	192	1	425	394	30
Alcoholic psychoses (291)	12	10	2	3	2	—	7	7	—	12	10	2
All other psychoses (292-299)	162	142	20	34	28	4	70	66	1	158	148	10
Alcohol dependence syndrome (303)	152	105	47	47	35	7	92	86	1	142	90	52
Drug dependence (304)	13	6	7	1	—	1	7	5	1	8	8	—
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	317	288	29	74	63	8	128	125	2	356	310	45
Mental retardation (317-319)	12	9	3	9	7	1	5	5	—	28	25	3

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	1,863	1,707	153	468	429	28	605	597	4	2,108	1,917	189
Diseases of the nervous system (320-359)	1,859	1,704	152	468	429	28	604	596	4	2,101	1,912	187
Meningitis (320-322)	42	29	13	18	14	3	8	7	1	36	26	10
Parkinson's disease (332)	309	298	11	77	73	4	131	131	-	459	432	27
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	938	889	49	227	216	10	344	338	3	947	883	64
Multiple sclerosis (340)	99	92	7	23	23	-	27	27	-	95	86	9
Infantile cerebral palsy (343)	25	22	3	10	9	-	8	8	-	30	25	5
Epilepsy (345)	66	50	18	19	12	6	25	24	-	92	78	14
Other diseases of the nervous system (323-326,341-342,344,346-359)	378	324	51	94	82	5	61	61	-	442	382	58
Disorders of the eye and adnexa (360-379)	2	2	-	-	-	-	-	-	-	2	2	-
Diseases of the ear and mastoid process (380-389)	2	1	1	-	-	-	1	1	-	5	3	2
VII. Diseases of the circulatory system (390-459)	44,368	40,239	4,058	13,850	12,479	903	10,467	10,211	128	55,839	51,420	4,314
Rheumatic fever and rheumatic heart disease (390-398)	325	295	28	43	40	3	92	88	1	436	411	23
Acute rheumatic fever (390-392)	1	1	-	-	-	-	-	-	-	1	1	-
Chronic rheumatic heart disease (393-398)	324	294	28	43	40	3	92	88	1	435	410	23
Diseases of mitral valve (394)	155	145	10	20	19	1	38	36	-	194	182	10
Diseases of aortic valve (395)	8	4	3	-	-	-	3	2	1	6	5	1
Diseases of mitral and aortic valves (396)	65	58	6	10	10	-	19	19	-	75	71	4
All other chronic rheumatic heart disease (393,397-398)	96	87	9	13	11	2	32	31	-	160	152	8
Hypertensive disease (401-404)	1,236	1,286	347	269	213	47	344	327	11	1,508	1,210	296
Essential hypertension (401)	623	185	37	63	53	7	53	51	2	222	184	38
Hypertensive heart disease (402)	1,079	848	229	158	127	27	181	172	5	992	792	199
Hypertensive renal disease (403)	200	157	43	40	27	11	60	55	4	190	149	40
Hypertensive heart and renal disease (404)	134	96	38	8	6	2	50	49	-	104	85	19
Ischemic heart disease (410-414)	25,061	23,053	1,969	7,340	6,635	442	5,474	5,340	63	30,010	28,409	1,544
Acute myocardial infarction (410)	11,473	10,723	790	3,573	3,238	197	2,105	2,060	11	16,628	15,707	888
Other acute and subacute forms of ischemic heart disease (411)	97	91	6	684	594	70	10	10	-	114	102	11
Angina pectoris (413)	40	34	6	13	12	1	14	14	-	60	58	2
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	13,451	12,205	1,227	3,070	2,791	174	3,345	3,256	52	13,208	12,542	643
Diseases of pulmonary circulation (415-417)	540	451	89	184	168	10	112	109	1	791	692	97
Other forms of heart disease (420-429)	8,218	7,386	816	2,965	2,660	201	1,679	1,643	19	12,753	11,272	1,465
Acute and subacute endocarditis (421)	34	28	6	9	8	-	12	11	-	70	53	17
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	37	30	7	9	9	-	9	9	-	33	27	6
Other diseases of endocardium (424)	589	557	32	140	119	16	214	212	2	874	835	39
Mitral valve disorders (424.0)	88	81	7	27	24	3	33	33	-	120	115	5
Aortic valve disorders (424.1)	369	350	19	81	68	10	131	130	1	571	553	18
All other diseases of endocardium (424.2-424.9)	132	126	6	32	27	3	50	49	1	183	167	16
Heart failure (428)	1,817	1,691	123	831	767	41	401	390	7	2,168	2,011	153
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	56	49	7	9	9	-	3	3	-	66	55	11
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	5,685	5,031	641	1,967	1,748	144	1,040	1,018	10	9,542	8,291	1,239
Cerebrovascular diseases (430-438)	6,277	5,641	627	2,282	2,047	169	2,025	1,977	26	7,729	6,992	717
Subarachnoid hemorrhage (430)	303	254	46	86	74	8	83	78	2	373	315	55
Intracerebral and other intracranial hemorrhage (431-432)	883	773	108	210	188	13	236	225	3	1,146	1,003	135
Occlusion and stenosis of precerebral arteries (433)	83	79	4	5	5	-	21	21	-	69	65	4
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	948	863	85	207	191	12	301	296	4	1,185	1,094	90
Cerebral embolism (434.1)	26	23	3	9	8	1	8	8	-	39	37	2
Acute but ill-defined cerebrovascular disease (436)	3,345	3,016	328	1,622	1,454	122	1,110	1,088	14	4,144	3,754	385
Other and late effects of cerebrovascular diseases (435,437-438)	689	633	55	143	127	13	266	261	3	773	724	46
Diseases of arteries, arterioles, and capillaries (440-449)	2,099	1,950	148	703	659	26	702	691	4	2,354	2,215	136
Atherosclerosis (440)	861	813	48	422	396	20	355	350	-	831	786	45
Aortic aneurysm (441)	827	775	51	190	179	5	242	239	2	1,009	953	55
All other diseases of arteries, arterioles, and capillaries (442-449)	411	362	49	91	84	1	105	102	2	514	476	36
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	212	177	34	64	57	5	39	36	3	258	219	36
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	102	83	19	26	24	1	15	15	-	103	89	13
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	110	94	15	38	33	4	24	21	3	155	130	23
VIII. Diseases of the respiratory system (460-519)	8,293	7,631	647	2,808	2,611	119	2,406	2,361	14	10,334	9,498	814
Diseases of the upper respiratory tract (460-465,470-478)	25	23	2	7	6	-	8	8	-	33	29	4
Acute upper respiratory infections (460-465)	13	13	-	3	3	-	1	1	-	12	11	1
Other diseases of upper respiratory tract (470-478)	12	10	2	4	3	-	7	7	-	21	18	3
Other diseases of the respiratory system (466,480-519)	8,268	7,608	645	2,801	2,605	119	2,398	2,353	14	10,301	9,469	810
Acute bronchitis and bronchiolitis (466)	37	32	5	4	4	-	1	1	-	30	28	2
Pneumonia (480-486)	3,017	2,769	244	1,207	1,112	57	894	878	3	3,872	3,536	330
Viral pneumonia (480)	29	28	1	11	10	1	19	19	-	19	13	6
Pneumococcal and other bacterial pneumonia (481-482)	185	163	22	101	89	7	63	63	-	246	220	25
Bronchopneumonia, organism unspecified (485)	323	296	27	56	50	4	63	62	-	250	214	36
Pneumonia due to other and unspecified organism (483,486)	2,480	2,282	194	1,039	963	45	749	734	3	3,357	3,089	263
Influenza (487)	79	75	3	20	20	-	56	55	-	84	83	1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	4,102	3,808	286	1,249	1,175	48	1,234	1,210	10	4,515	4,198	308
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	1,049	957	88	329	306	18	413	401	7	1,075	986	88
Bronchitis, not specified as acute or chronic (490)	32	31	1	5	2	2	8	8	-	48	46	2
Chronic bronchitis (491)	175	167	8	24	22	2	57	57	-	118	110	8
Emphysema (492)	667	629	35	240	231	8	249	243	3	676	646	29
Asthma (493)	175	130	44	60	51	6	99	93	4	233	184	49
Bronchiectasis and extrinsic allergic alveolitis (494-495)	26	24	2	19	19	-	17	15	-	48	46	2
Chronic airways obstruction, not elsewhere classified (496)	3,027	2,827	196	901	850	30	804	794	3	3,392	3,166	218
Pneumoconiosis and other lung diseases due to external agents (500-508)	335	304	30	127	118	6	62	61	-	923	848	71
Empyema and abscess of lung and mediastinum (510,513)	28	23	5	15	12	2	10	10	-	67	50	15
Pleurisy (511)	24	24	-	6	5	-	4	4	-	52	45	7
All other diseases of respiratory system (512,514-519)	646	573	72	173	159	6	137	134	1	758	681	76

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	3,026	2,683	335	907	789	57	798	766	17	4,280	3,781	490
Diseases of oral cavity, salivary glands, and jaws (520-529)	3	2	1	1	1	-	1	1	-	2	2	-
Diseases of other parts of the digestive system (530-579)	3,023	2,681	334	906	788	57	797	765	17	4,278	3,779	490
Ulcer of stomach and duodenum (531-533)	282	256	26	70	63	3	71	68	2	315	289	26
Gastric ulcer (531)	84	75	9	18	17	-	14	13	1	100	87	13
Duodenal ulcer (532)	105	95	10	18	14	2	34	32	1	103	98	5
Peptic ulcer, site unspecified (533)	93	86	7	34	32	1	23	23	-	112	104	8
Gastritis and duodenitis (535)	32	29	3	9	8	-	10	10	-	28	24	3
Appendicitis (540-543)	12	11	1	8	6	2	5	5	-	20	18	2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	233	204	29	76	66	7	61	60	1	322	298	24
Regional enteritis and idiopathic proctocolitis (555-556)	30	28	2	5	5	-	8	8	-	49	46	3
All other noninfective gastroenteritis and colitis (557-558)	325	290	35	105	96	5	101	98	1	469	434	35
Diverticula of intestine (562)	127	117	10	39	36	2	33	33	-	176	167	9
Chronic liver disease and cirrhosis (571)	959	834	121	253	211	11	261	245	7	1,363	1,139	219
Chronic liver disease and cirrhosis, specified as												
alcoholic (571.0-571.3)	370	289	79	110	89	6	189	179	2	488	382	106
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	44	41	3	14	12	-	12	12	-	49	42	5
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	545	504	39	129	110	5	60	54	5	826	715	108
Cholelithiasis and other disorders of gallbladder (574-575)	126	114	11	40	37	2	31	30	-	163	157	6
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	897	798	96	301	260	25	216	208	6	1,373	1,207	163
X. Diseases of the genitourinary system (580-629)	1,768	1,516	249	578	486	64	302	294	4	2,510	2,168	336
Diseases of urinary system (580-599)	1,718	1,471	244	570	479	64	292	284	4	2,459	2,121	332
Nephritis, nephrotic syndrome, and nephrosis (580-589)	999	848	150	352	293	42	146	139	3	1,363	1,175	183
Acute glomerulonephritis (580)	4	4	-	1	1	-	1	1	-	7	6	1
Nephrotic syndrome (581)	5	3	2	3	2	1	-	-	-	10	9	1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	69	49	19	22	21	1	19	18	-	70	55	15
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	921	792	129	326	269	40	126	120	3	1,276	1,105	166
Infections of kidney (590)	42	37	5	28	26	2	26	26	-	43	39	4
Urinary calculus (592,594)	13	11	2	6	6	-	5	5	-	18	15	3
All other diseases of urinary system (591,593,595-599)	664	575	87	184	154	20	115	114	1	1,035	892	142
Diseases of male genital organs (600-608)	36	34	2	4	3	-	8	8	-	37	36	1
Hyperplasia of prostate (600)	21	20	1	3	2	-	5	5	-	23	23	-
Other diseases of male genital organs (601-608)	15	14	1	1	1	-	3	3	-	14	13	1
Disorders of breast (610-611)	1	1	-	-	-	-	-	-	-	2	1	1
Diseases of female genital organs except breast (614-629)	13	10	3	4	4	-	2	2	-	12	10	2
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	9	6	3	2	-	2	2	1	-	13	10	3
Pregnancy with abortive outcome (630-638)	1	1	-	-	-	-	-	-	-	4	2	2
Ectopic pregnancy (633)	1	1	-	-	-	-	-	-	-	3	1	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)	8	5	3	2	-	2	2	1	-	8	7	1
Hemorrhage of pregnancy and childbirth (640-641,666)	1	1	-	-	-	-	1	-	-	2	2	-
Toxemia of pregnancy (642.4-642.9,643)	1	-	1	2	-	-	-	-	-	2	1	1
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	3	3	-	-	-	-	1	1	-	2	2	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	3	2	1	-	-	-	-	-	-	2	2	-
Indirect obstetric causes (647-648)	-	-	-	-	-	-	-	-	-	1	1	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	123	101	22	61	45	10	37	35	1	289	227	61
Infections of skin and subcutaneous tissue (680-686)	34	32	2	13	7	3	10	9	1	56	49	7
All other diseases of skin and subcutaneous tissue (690-709)	89	69	20	48	38	7	27	26	-	233	178	54
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	356	316	40	84	76	7	98	96	-	434	382	50
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	84	80	4	17	17	-	29	28	-	105	102	3
Other arthropathies and related disorders (710-712,715-719)	187	157	30	37	31	6	29	28	-	170	143	26
Dorsopathies (720-724)	10	9	1	2	2	-	3	3	-	6	5	1
Rheumatism, excluding the back (725-729)	18	17	1	2	2	-	7	7	-	41	32	8
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	57	53	4	26	24	1	30	30	-	112	100	12
XIV. Congenital anomalies (740-759)	563	489	73	132	117	8	124	116	3	563	473	81
Spina bifida (741)	10	10	-	-	-	-	1	1	-	5	4	1
All other congenital anomalies of nervous system (740,742)	79	71	7	15	10	1	13	11	-	46	34	11
Congenital anomalies of heart (745-746)	198	168	30	51	47	2	34	31	1	207	173	29
Other congenital anomalies of circulatory system (747)	41	33	8	10	10	-	15	14	-	50	40	10
All other congenital anomalies (743-744,748-759)	235	207	28	56	50	5	61	59	2	255	222	30

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989—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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	782	514	266	178	134	35	161	149	9	910	561	338
Birth trauma (767)	5	4	1	5	3	2	4	4	-	17	17	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	196	146	50	50	42	4	48	45	2	203	138	59
Other conditions originating in the perinatal period (760-766,770-779)	581	364	215	123	89	29	109	100	7	690	406	279
XVI. Symptoms, signs, and ill-defined conditions (780-799)	1,477	1,183	290	382	296	54	519	489	17	1,100	896	198
Senility without mention of psychosis (797)	43	39	4	17	16	1	27	27	-	25	25	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	1,434	1,144	286	365	280	53	492	462	17	1,075	871	198
Supplementary classification of external causes of injury and poisoning (E800-E999)	5,563	4,706	825	2,014	1,695	188	1,901	1,809	38	6,842	5,661	1,137
Accidents and adverse effects (E800-E949)	3,638	3,243	373	1,335	1,154	105	1,248	1,197	19	4,439	3,892	520
Transport accidents (E800-E848)	1,846	1,673	154	707	607	51	698	666	14	2,070	1,905	148
Railway accidents (E800-E807)	20	16	4	9	8	-	4	4	-	19	18	1
Motor vehicle accidents (E810-E825)	1,769	1,610	140	672	578	49	641	614	10	1,984	1,821	146
Motor vehicle traffic accidents (E810-E819)	1,749	1,591	139	664	571	49	626	599	10	1,957	1,795	145
Involving collision with train (E810)	59	53	6	23	23	-	5	5	-	7	7	-
Involving collision with another motor vehicle (E811-E812)	625	569	47	272	243	15	279	268	5	769	703	56
Involving collision with pedestrian (E814)	209	177	29	88	53	10	59	54	-	279	234	42
Involving collision with other vehicle or object (E813,E815)	292	260	31	122	96	13	83	82	1	371	346	22
Not involving collision on highway (E816-E818)	188	176	10	133	118	8	169	160	3	196	186	10
Motor vehicle traffic accident of unspecified nature (E819)	376	356	16	46	38	3	31	30	1	335	319	15
Motor vehicle nontraffic accidents (E820-E825)	20	19	1	8	7	-	15	15	-	27	26	1
Other road vehicle accidents (E826-E829)	4	4	-	6	5	-	2	2	-	5	5	-
Water transport accidents (E830-E839)	23	14	9	8	6	1	30	25	4	17	16	1
Air and space transport accidents (E840-E845)	29	28	1	12	10	1	21	21	-	40	40	-
Vehicle accidents not elsewhere classifiable (E846-E849)	1	1	-	-	-	-	-	-	-	5	5	-
Accidental poisoning (E850-E869)	219	168	51	28	24	4	67	63	1	399	291	108
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	160	119	41	12	9	3	53	52	1	346	247	99
Accidental poisoning by other solid or liquid substances (E860-E866)	18	13	5	4	4	-	5	4	-	15	13	2
Accidental poisoning by gases and vapors (E867-E869)	41	36	5	12	11	1	9	7	-	38	31	7
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	169	151	18	36	31	4	31	31	-	226	206	20
Accidental falls (E880-E888)	603	561	42	151	138	5	179	174	1	687	632	54
Fall from one level to another (E880-E884)	141	127	14	28	24	2	47	45	1	239	217	21
Fall on same level (E885-E886)	20	19	1	5	5	-	14	13	-	21	20	1
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	442	415	27	118	109	3	118	116	-	427	395	32
Accidents caused by fire and flames (E890-E899)	159	131	28	77	64	11	25	25	-	251	169	78
Other accidents, including late effects (E900-E929)	637	555	79	336	290	30	243	233	3	797	683	109
Lightning (E907)	1	1	-	-	-	-	-	-	-	3	3	-
Accidental drowning and submersion (E910)	123	100	22	73	62	8	53	50	1	123	104	14
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	121	107	14	82	74	5	23	23	-	231	189	42
Accident caused by handgun (E922.0)	4	4	-	1	1	-	10	9	1	3	3	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	41	36	5	23	17	5	12	12	-	19	18	1
Accident caused by explosive material (E923)	8	8	-	4	4	-	-	-	-	10	10	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	7	6	1	6	4	2	1	1	-	9	8	1
Accident caused by electric current (E925)	27	26	1	21	19	-	5	5	-	38	34	4
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	305	267	36	126	109	10	139	133	1	361	314	47
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	5	4	1	-	-	-	5	5	-	9	6	3
Suicide (E950-E959)	1,235	1,117	109	416	377	16	470	457	3	1,451	1,313	129
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	121	100	19	15	15	-	67	65	-	164	155	9
Suicide by other solid or liquid substances (E950.6-E950.9)	8	8	-	3	3	-	7	6	-	13	9	3
Suicide by gases and vapors (E951-E952)	143	139	4	31	29	1	34	34	-	119	118	1
Suicide by hanging, strangulation, and suffocation (E953)	153	134	17	55	46	3	43	40	-	252	213	37
Suicide by handgun (E955.0)	58	53	5	6	6	-	166	163	1	67	66	1
Suicide by all other and unspecified firearms (E955.1-E955.4)	678	620	54	292	267	10	124	121	1	713	653	56
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	74	63	10	14	11	2	29	28	1	123	99	22
Homicide and legal intervention (E960-E978)	614	279	334	251	153	67	139	115	13	785	326	451
Assault by handgun (E965.0)	16	10	6	2	2	-	25	18	3	8	8	-
Assault by all other and unspecified firearms (E965.1-E965.4)	323	136	186	153	88	46	51	46	5	440	150	285
Assault by cutting and piercing instrument (E966)	116	38	78	33	19	8	19	15	1	147	63	83
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	152	89	63	55	38	12	40	32	4	185	101	82
Legal execution (E978)	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	7	6	1	8	6	1	4	4	-	5	4	1
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	75	66	9	12	11	-	43	39	3	166	129	37
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	16	15	1	2	2	-	21	18	2	80	62	18
From poisoning by other solid or liquid substances (E980.6-E980.9)	2	2	-	-	-	-	1	1	-	5	4	1
From injury by handgun (E985.0)	-	-	-	-	-	-	5	5	-	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	10	8	2	5	5	-	2	2	-	12	9	3
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	47	41	6	5	4	-	14	13	1	69	54	15
Injury resulting from operations of war (E990-E999)	1	1	-	-	-	-	1	1	-	1	1	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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
All causes	9,557	9,206	288	29,618	20,060	9,497	6,549	6,107	5	45,452	37,652	7,736
I. Infectious and parasitic diseases (001-139)	206	188	16	626	328	298	62	56	-	735	548	185
Intestinal infectious diseases (001-009)	4	4	-	4	3	1	3	3	-	9	6	3
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	1	1	-	1	1	-	-	-	-	3	3	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	1	1	-	3	2	1	2	2	-	2	2	-
Ill-defined intestinal infections (009)	2	2	-	-	-	-	1	1	-	4	1	3
Tuberculosis (010-018)	3	2	-	42	15	27	3	1	-	60	44	16
Tuberculosis of respiratory system (010-012)	2	1	-	34	13	21	2	1	-	48	36	12
Other tuberculosis (013-018)	1	1	-	8	2	6	1	-	-	12	8	4
Zoonotic and other bacterial diseases (020-041)	117	112	5	275	165	110	35	34	-	354	252	102
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	1	1	-	-	-	-	-	-	-
Meningococcal infection (036)	2	2	-	3	3	-	1	-	-	2	2	-
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	109	104	5	257	151	106	31	31	-	338	238	100
All other bacterial diseases (020-022,024-031,039-041)	6	6	-	14	10	4	3	3	-	14	12	2
Viral diseases (*042-*044,045-079)	67	55	11	231	112	119	10	8	-	225	182	42
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	5	3	1	28	23	5	4	4	-	59	53	5
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	62	52	10	203	89	114	6	4	-	166	129	37
Rickettsioses and other arthropod-borne diseases (080-088)	1	1	-	3	2	1	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	-	2	1	1	-	-	-	-	-	-
Malaria (084)	1	1	-	1	1	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	1	1	-	1	-	1	-	-	-	2	1	1
Syphilis (090-097)	1	1	-	1	-	1	-	-	-	2	1	1
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	-	-	-	1	-	1	-	-	-	2	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)	13	13	-	70	31	39	11	10	-	85	63	21
Mycoses (110-118)	9	9	-	37	16	21	4	4	-	56	42	13
Helminthiasis (120-129)	-	-	-	2	2	-	-	-	-	2	1	1
Late effects of tuberculosis (137)	-	-	-	1	-	1	-	-	-	5	5	-
Late effects of acute poliomyelitis (138)	-	-	-	2	2	-	3	3	-	2	2	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	4	4	-	28	11	17	4	3	-	20	13	7
II. Neoplasms (140-239)	2,471	2,391	59	6,571	4,667	1,892	1,466	1,404	1	10,257	8,575	1,670
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2,449	2,370	59	6,495	4,612	1,871	1,444	1,382	1	10,151	8,483	1,656
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	38	38	-	153	99	54	19	18	-	148	128	20
Of lip (140)	-	-	-	1	1	-	1	1	-	3	3	-
Of tongue (141)	8	8	-	27	16	11	3	2	-	27	24	3
Of pharynx (146-149.0)	21	21	-	81	47	34	11	11	-	72	59	13
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	9	9	-	44	35	9	4	4	-	46	42	4
Malignant neoplasms of digestive organs and peritoneum (150-159)	648	625	18	1,522	1,000	518	353	341	-	2,328	1,897	426
Of esophagus (150)	51	49	2	155	63	92	23	23	-	184	122	62
Of stomach (151)	88	85	3	188	97	89	26	25	-	218	159	58
Of small intestine, including duodenum (152)	5	5	-	7	6	1	6	6	-	23	19	4
Of colon (153)	270	262	6	559	398	161	150	143	-	971	816	155
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	1	-	-	3	3	-	4	4	-	6	4	2
Descending colon (153.2)	1	1	-	1	1	-	1	1	-	1	1	-
Sigmoid colon (153.3)	8	8	-	10	10	-	5	5	-	12	11	1
Cecum, appendix, and ascending colon (153.4-153.6)	10	9	1	15	11	4	2	2	-	38	34	4
Other and colon, unspecified (153.8-153.9)	250	244	5	530	373	157	138	131	-	914	766	148
Of rectum, rectosigmoid junction, and anus (154)	44	43	1	95	78	17	26	25	-	134	117	17
Of liver and intrahepatic bile ducts (155)	39	36	1	105	75	28	15	13	-	159	129	27
Liver, primary (155.0)	19	17	1	46	34	12	7	7	-	60	47	12
Intrahepatic bile ducts (155.1)	10	9	-	13	10	2	3	2	-	21	19	2
Liver, not specified as primary or secondary (155.2)	10	10	-	46	31	14	5	4	-	78	63	13
Of gallbladder and extrahepatic bile ducts (156)	16	15	1	49	37	12	19	19	-	62	58	4
Of pancreas (157)	118	113	4	340	232	108	76	75	-	548	452	95
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	17	17	-	24	14	10	12	12	-	29	25	4
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	667	647	12	1,956	1,491	464	346	329	-	3,286	2,791	493
Of larynx (161)	19	19	-	47	29	18	9	8	-	80	66	14
Of trachea, bronchus, and lung (162)	645	625	12	1,899	1,447	441	334	318	-	3,167	2,692	473
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	3	3	-	20	15	5	3	3	-	39	33	6

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	295	284	9	699	539	160	163	156	-	1,044	888	153
Of bone and articular cartilage (170)	5	5	-	18	15	3	8	7	-	21	19	2
Of connective and other soft tissue (171)	18	17	-	45	31	14	6	6	-	58	48	10
Melanoma of skin (172)	32	32	-	74	72	2	14	14	-	145	141	4
Other malignant neoplasms of skin (173)	15	14	1	45	37	8	10	10	-	54	51	3
Of female breast (174)	225	216	7	514	381	133	123	117	-	758	621	134
Of male breast (175)	-	-	-	3	3	-	2	2	-	8	8	-
Malignant neoplasms of genital organs (179-187)	251	241	7	802	480	318	200	192	1	1,111	865	246
Of cervix uteri (180)	9	8	-	94	42	51	10	9	-	100	68	32
Of other parts of uterus (179,181-182)	33	33	-	78	36	42	20	18	-	124	93	31
Of ovary and other uterine adnexa (183)	47	47	-	168	128	39	41	40	-	235	219	16
Of other and unspecified female genital organs (184)	7	7	-	18	11	7	5	5	-	17	15	2
Of prostate (185)	152	143	7	435	256	177	121	118	1	622	459	163
Of testis (186)	-	-	-	6	6	-	1	1	-	9	9	-
Of penis and other male genital organs (187)	3	3	-	3	1	2	2	1	-	4	2	-
Malignant neoplasms of urinary organs (188-189)	114	114	-	239	187	51	77	73	-	397	339	57
Of bladder (188)	55	55	-	102	74	28	43	41	-	211	176	34
Of kidney and other and unspecified urinary organs (189)	59	59	-	137	113	23	34	32	-	186	163	23
Malignant neoplasms of other and unspecified sites (190-199)	230	221	8	554	390	163	126	119	-	878	740	138
Of eye (190)	3	3	-	3	3	-	1	1	-	4	3	1
Of brain (191)	57	57	-	161	139	22	33	31	-	253	237	16
Of other and unspecified parts of nervous system (192)	1	1	-	2	1	1	4	4	-	9	9	-
Of thyroid gland and other endocrine glands and related structures (193-194)	7	5	2	22	16	6	2	2	-	34	30	4
Of all other and unspecified sites (195-199)	162	155	6	366	231	134	86	81	-	578	461	117
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	206	200	5	570	426	143	160	154	-	959	835	123
Lymphosarcoma and reticulosarcoma (200)	8	8	-	19	16	3	4	4	-	31	28	3
Hodgkin's disease (201)	11	11	-	23	19	4	5	5	-	29	27	2
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	89	88	1	197	159	37	58	57	-	336	300	36
Multiple myeloma and immunoproliferative neoplasms (203)	30	28	2	108	60	48	36	34	-	194	151	43
Leukemia (204-208)	68	65	2	223	172	51	57	54	-	369	329	39
Lymphoid leukemia (204)	24	23	1	49	36	13	17	17	-	119	104	15
Myeloid leukemia (205)	28	26	1	103	76	27	26	24	-	144	133	11
Monocytic leukemia (206)	-	-	-	2	2	-	-	-	-	10	8	2
Other and unspecified leukemia (207-208)	16	16	-	69	58	11	14	13	-	96	84	11
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	22	21	-	76	55	21	22	22	-	106	92	14
Benign neoplasms (210-229)	1	1	-	26	18	8	8	8	-	32	29	3
Of female genital organs (218-221)	-	-	-	-	-	-	1	1	-	2	2	-
Of eye, brain, and other parts of nervous system (224-225)	-	-	-	20	13	7	4	4	-	23	20	3
Of all other and unspecified sites (210-217,222-223,226-229)	1	1	-	6	5	1	3	3	-	7	7	-
Carcinoma in situ (230-234)	-	-	-	-	-	-	-	-	-	1	1	-
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)	6	6	-	20	14	6	6	6	-	30	26	4
Neoplasms of unspecified nature (239)	15	14	-	30	23	7	8	8	-	43	36	7
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	286	268	14	931	523	405	209	178	-	1,232	927	298
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	276	259	14	873	496	374	194	164	-	1,178	884	287
Disorders of thyroid gland (240-246)	3	2	1	9	4	5	4	4	-	11	4	7
Diabetes mellitus (250)	220	207	10	670	369	298	149	123	-	916	683	227
Disorders of the pituitary gland and its hypothalamic control (253)	1	1	-	2	2	-	1	1	-	5	4	1
Diseases of thymus gland (254)	-	-	-	1	1	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	1	1	-	5	3	2	-	-	-	2	2	-
Cystic fibrosis (277.0)	-	-	-	11	10	1	-	-	-	6	5	1
Obesity (278.0)	2	2	-	28	18	10	4	3	-	38	30	8
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	49	46	3	147	89	58	36	33	-	200	156	43
Nutritional deficiencies (260-269)	10	9	-	58	27	31	15	14	-	54	43	11
Nutritional marasmus (261)	1	1	-	7	4	3	-	-	-	2	2	-
Other protein-calorie malnutrition (262-263)	7	7	-	44	20	24	15	14	-	47	37	10
All other nutritional deficiencies (260,264-269)	2	1	-	7	3	4	-	-	-	5	4	1
IV. Diseases of blood and blood-forming organs (280-289)	37	36	1	129	74	55	17	15	-	170	129	40
Anemias (280-285)	17	16	1	70	36	34	8	7	-	87	60	27
Deficiency anemias (280-281)	-	-	-	4	1	3	-	-	-	5	4	1
Hemolytic anemias (282-283)	3	3	-	20	4	16	2	2	-	18	3	15
Aplastic anemia (284)	7	6	1	28	23	5	3	3	-	26	23	3
Other and unspecified anemias (285)	7	7	-	18	8	10	3	2	-	38	30	8
Purpura and other hemorrhagic conditions (287)	5	5	-	15	8	7	4	4	-	23	21	2
All other diseases of blood and blood-forming organs (286,288-289)	15	15	-	44	30	14	5	4	-	60	48	11
V. Mental disorders (290-319)	130	122	8	500	309	190	105	89	-	643	527	116
Senile and presenile organic psychotic conditions (290)	38	38	-	183	148	35	36	35	-	245	211	34
Alcoholic psychoses (291)	3	3	-	17	7	10	2	-	-	13	11	2
All other psychoses (292-299)	30	29	1	62	47	15	21	20	-	86	74	12
Alcohol dependence syndrome (303)	25	21	4	134	51	82	20	12	-	115	79	36
Drug dependence (304)	5	5	-	1	1	-	1	1	-	5	4	1
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	28	25	3	95	51	44	24	20	-	166	137	29
Mental retardation (317-319)	1	1	-	8	4	4	1	1	-	13	11	2

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	195	194	-	548	431	116	107	99	-	787	677	108
Diseases of the nervous system (320-359)	194	193	-	547	430	116	105	97	-	784	674	108
Meningitis (320-322)	1	1	-	20	11	9	1	1	-	17	12	5
Parkinson's disease (332)	33	33	-	81	73	7	27	27	-	126	116	10
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	103	103	-	285	246	39	57	55	-	420	380	38
Multiple sclerosis (340)	12	12	-	12	10	2	1	1	-	20	17	3
Infantile cerebral palsy (343)	3	3	-	7	5	2	2	1	-	18	13	5
Epilepsy (345)	9	9	-	27	11	16	5	1	-	32	19	13
Other diseases of the nervous system (323-326,341-342,344,346-359)	33	32	-	115	74	41	12	11	-	151	117	34
Disorders of the eye and adnexa (360-379)	-	-	-	-	-	-	1	1	-	1	1	-
Diseases of the ear and mastoid process (380-389)	1	1	-	1	1	-	1	1	-	2	2	-
VII. Diseases of the circulatory system (390-459)	4,296	4,181	102	12,795	8,796	3,981	3,090	2,989	3	20,149	16,874	3,256
Rheumatic fever and rheumatic heart disease (390-398)	34	30	3	56	41	14	11	10	-	102	85	17
Acute rheumatic fever (390-392)	-	-	-	1	1	-	-	-	-	1	1	-
Chronic rheumatic heart disease (393-398)	34	30	3	55	40	14	11	10	-	101	84	17
Diseases of mitral valve (394)	15	13	1	27	21	5	5	5	-	38	32	6
Diseases of aortic valve (395)	2	2	-	-	-	-	-	-	-	10	9	1
Diseases of mitral and aortic valves (396)	6	6	-	9	3	6	1	1	-	27	22	5
All other chronic rheumatic heart disease (393,397-398)	11	9	2	19	16	3	5	4	-	26	21	5
Hypertensive disease (401-404)	108	105	2	557	250	305	51	47	-	711	439	272
Essential hypertension (401)	24	23	1	95	38	56	8	8	-	65	47	18
Hypertensive heart disease (402)	60	59	1	311	159	152	22	18	-	501	292	209
Hypertensive renal disease (403)	17	16	-	102	40	62	18	18	-	92	66	26
Hypertensive heart and renal disease (404)	7	7	-	49	13	35	3	3	-	53	34	19
Ischemic heart disease (410-414)	2,527	2,470	52	6,256	4,693	1,556	1,677	1,634	2	10,202	9,046	1,143
Acute myocardial infarction (410)	1,157	1,120	33	3,749	2,786	959	1,044	1,021	-	5,977	5,327	644
Other acute and subacute forms of ischemic heart disease (411)	6	6	-	167	85	82	1	1	-	27	18	9
Angina pectoris (413)	6	6	-	34	20	14	4	3	-	19	17	2
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	1,358	1,338	19	2,306	1,802	501	628	609	2	4,179	3,684	488
Diseases of pulmonary circulation (415-417)	41	38	3	194	127	66	30	29	-	285	235	50
Other forms of heart disease (420-429)	748	728	17	2,690	1,731	955	658	622	-	4,324	3,316	1,006
Acute and subacute endocarditis (421)	4	4	-	10	4	6	5	5	-	13	11	2
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	9	9	-	20	10	10	5	5	-	23	19	4
Other diseases of endocardium (424)	55	54	1	136	105	31	39	39	-	181	162	19
Mitral valve disorders (424.0)	10	10	-	23	18	5	11	11	-	36	32	4
Aortic valve disorders (424.1)	35	34	1	80	64	16	20	20	-	100	88	12
All other diseases of endocardium (424.2-424.9)	10	10	-	33	23	10	8	8	-	45	42	3
Heart failure (428)	66	66	-	543	345	198	195	187	-	778	647	131
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	1	-	1	17	9	7	1	1	-	25	24	1
All other and ill-defined forms of heart disease (425-427,429 2-429.9)	613	595	15	1,964	1,258	703	413	385	-	3,304	2,453	849
Cerebrovascular diseases (430-438)	606	591	13	2,462	1,528	931	511	497	1	3,550	2,900	647
Subarachnoid hemorrhage (430)	28	27	1	102	68	34	11	11	-	144	122	21
Intracerebral and other intracranial hemorrhage (431-432)	96	93	3	400	219	181	56	54	-	462	357	104
Occlusion and stenosis of precerebral arteries (433)	4	3	1	13	12	1	7	7	-	33	29	3
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	85	83	2	336	243	92	41	38	1	458	374	84
Cerebral embolism (434.1)	2	2	-	8	5	3	2	2	-	15	13	2
Acute but ill-defined cerebrovascular disease (436)	273	269	3	1,378	824	552	344	338	-	2,024	1,671	353
Other and late effects of cerebrovascular diseases (435,437-438)	118	114	3	225	157	68	50	47	-	414	334	80
Diseases of arteries, arterioles, and capillaries (440-448)	211	201	9	512	386	126	137	136	-	881	774	108
Atherosclerosis (440)	98	94	4	180	133	47	63	62	-	424	376	48
Aortic aneurysm (441)	70	66	3	211	174	37	56	56	-	282	256	25
All other diseases of arteries, arterioles, and capillaries (442-448)	43	41	2	121	79	42	18	18	-	175	142	33
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	21	18	3	68	40	28	15	14	-	94	79	15
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	5	4	1	22	16	6	5	5	-	38	33	5
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	16	14	2	46	24	22	10	9	-	56	46	10
VIII. Diseases of the respiratory system (460-519)	693	674	15	2,169	1,688	477	539	508	-	3,782	3,291	485
Diseases of the upper respiratory tract (460-465,470-478)	2	2	-	16	6	10	3	3	-	11	10	1
Acute upper respiratory infections (460-465)	2	2	-	5	2	3	3	3	-	3	3	-
Other diseases of upper respiratory tract (470-478)	-	-	-	11	4	7	-	-	-	8	7	1
Other diseases of the respiratory system (466,480-519)	691	672	15	2,153	1,682	467	536	505	-	3,771	3,281	484
Acute bronchitis and bronchiolitis (466)	2	1	1	8	4	4	1	1	-	16	14	2
Pneumonia (480-486)	271	268	3	727	513	212	215	201	-	1,484	1,249	234
Viral pneumonia (480)	3	3	-	8	7	1	3	3	-	12	8	4
Pneumococcal and other bacterial pneumonia (481-482)	12	12	-	96	64	32	13	11	-	119	104	15
Bronchopneumonia, organism unspecified (485)	14	14	-	54	38	15	18	17	-	111	99	11
Pneumonia due to other and unspecified organism (483,486)	242	239	3	569	404	164	181	170	-	1,242	1,038	204
Influenza (487)	1	1	-	4	4	-	13	12	-	18	17	1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	334	323	7	1,021	873	146	247	238	-	1,755	1,581	169
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	60	54	2	308	258	50	104	101	-	436	378	57
Bronchitis, not specified as acute or chronic (490)	4	4	-	9	7	2	3	3	-	19	14	5
Chronic bronchitis (491)	7	6	-	29	27	2	11	11	-	76	67	9
Emphysema (492)	39	37	1	189	175	14	70	69	-	265	246	18
Asthma (493)	10	7	1	81	49	32	20	18	-	76	51	25
Bronchiectasis and extrinsic allergic alveolitis (494-495)	1	1	-	12	11	1	1	1	-	24	23	1
Chronic airways obstruction, not elsewhere classified (495)	273	268	5	701	604	95	142	137	-	1,295	1,180	111
Pneumococcoses and other lung diseases due to external agents (500-508)	31	30	1	135	99	36	14	13	-	198	169	29
Empyema and abscess of lung and mediastinum (510,513)	8	8	-	14	6	8	1	1	-	7	6	1
Pleurisy (511)	4	4	-	7	7	-	3	3	-	14	13	1
All other diseases of respiratory system (512,514-519)	40	37	3	237	176	61	42	36	-	279	232	47

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	401	384	14	1,039	717	319	237	193	-	1,447	1,229	218
Diseases of oral cavity, salivary glands, and jaws (520-529)	-	-	-	1	1	-	1	1	-	3	2	1
Diseases of other parts of the digestive system (530-579)	401	384	14	1,038	716	319	236	192	-	1,444	1,227	217
Ulcer of stomach and duodenum (531-533)	35	34	1	89	73	16	21	19	-	121	104	17
Gastric ulcer (531)	9	8	1	29	22	7	7	6	-	35	27	8
Duodenal ulcer (532)	12	12	-	26	23	3	9	8	-	35	33	2
Peptic ulcer, site unspecified (533)	14	14	-	34	28	6	5	5	-	51	44	7
Gastritis and duodenitis (535)	5	5	-	6	2	4	4	4	-	8	6	2
Appendicitis (540-543)	3	3	-	6	5	1	3	2	-	11	7	4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	32	31	1	65	47	18	16	15	-	115	90	25
Regional enteritis and idiopathic proctocolitis (555-556)	2	2	-	4	3	1	2	2	-	9	8	1
All other noninfective gastroenteritis and colitis (557-558)	53	52	1	107	75	32	30	30	-	197	174	23
Diverticula of intestine (562)	26	26	-	47	31	16	14	14	-	77	68	9
Chronic liver disease and cirrhosis (571)	131	120	8	355	244	109	77	45	-	422	354	68
Chronic liver disease and cirrhosis, specified as												
alcoholic (571.0-571.3)	60	53	5	230	139	90	46	20	-	163	129	34
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	6	4	1	12	11	1	5	4	-	14	14	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	65	63	2	113	94	18	26	21	-	245	211	34
Cholelithiasis and other disorders of gallbladder (574-575)	13	13	-	50	37	13	18	15	-	71	66	5
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	101	98	3	309	199	109	51	46	-	413	350	63
X. Diseases of the genitourinary system (580-629)	170	162	6	590	355	233	90	82	-	943	713	230
Diseases of urinary system (580-599)	164	157	5	576	347	227	88	80	-	921	694	227
Nephritis, nephrotic syndrome, and nephrosis (580-589)	70	65	4	255	131	122	51	44	-	406	305	101
Acute glomerulonephritis (580)	-	-	-	1	1	-	-	-	-	4	2	2
Nephrotic syndrome (581)	-	-	-	3	2	1	-	-	-	3	3	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	5	4	1	35	18	17	5	4	-	46	31	15
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	65	61	3	216	110	104	46	40	-	353	269	84
Infections of kidney (590)	4	4	-	22	15	7	4	4	-	37	27	10
Urinary calculus (592,594)	1	1	-	9	8	1	-	-	-	6	4	2
All other diseases of urinary system (591,593,595-599)	89	87	1	290	193	97	33	32	-	472	358	114
Diseases of male genital organs (600-609)	4	3	1	7	4	3	2	2	-	18	17	1
Hyperplasia of prostate (600)	2	2	-	6	3	3	1	1	-	13	13	-
Other diseases of male genital organs (601-608)	2	1	1	1	1	-	1	1	-	5	4	1
Disorders of breast (610-611)	-	-	-	1	-	1	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	2	2	-	6	4	2	-	-	-	4	2	2
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	1	1	-	6	1	5	1	-	-	1	-	1
Pregnancy with abortive outcome (630-638)	1	1	-	2	-	2	-	-	-	-	-	-
Ectopic pregnancy (633)	1	1	-	1	-	1	-	-	-	-	-	-
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)	-	-	-	4	1	3	1	-	-	1	-	1
Hemorrhage of pregnancy and childbirth (640-641,666)	-	-	-	1	1	-	-	-	-	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	-	-	-	1	-	-	1	-	1
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	-	-	-	-	-	-
Indirect obstetric causes (647-648)	-	-	-	-	-	-	-	-	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	8	8	-	69	32	37	4	4	-	70	47	23
Infections of skin and subcutaneous tissue (680-686)	3	3	-	14	11	3	-	-	-	23	20	3
All other diseases of skin and subcutaneous tissue (680-709)	5	5	-	55	21	34	4	4	-	47	27	20
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	35	33	2	132	76	56	26	23	-	196	158	38
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	7	7	-	31	25	6	9	8	-	60	58	2
Other arthropathies and related disorders (710-712,715-719)	13	12	1	70	34	36	12	10	-	97	71	26
Dorsopathies (720-724)	-	-	-	2	1	1	1	1	-	5	5	-
Rheumatism, excluding the back (725-729)	5	5	-	10	3	7	1	1	-	7	5	2
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	10	9	1	19	13	6	3	3	-	27	19	8
XIV. Congenital anomalies (740-759)	56	53	2	228	141	87	45	40	-	223	169	52
Spina bifida (741)	1	1	-	2	2	-	-	-	-	3	2	1
All other congenital anomalies of nervous system (740,742)	4	3	1	33	20	13	11	9	-	27	20	7
Congenital anomalies of heart (745-746)	9	8	1	62	45	17	10	9	-	85	66	19
Other congenital anomalies of circulatory system (747)	5	5	-	23	13	10	5	4	-	18	13	5
All other congenital anomalies (743-744,748-759)	37	36	-	108	61	47	19	18	-	90	68	20

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	124,878	107,501	16,773	9,239	8,972	83	4,586	4,578	6	47,172	36,451	10,466
I. Infectious and parasitic diseases (001-139)	3,608	2,907	676	149	139	4	53	53	-	1,129	754	366
Intestinal infectious diseases (001-009)	21	19	2	2	2	-	1	1	-	12	9	3
Cholera and typhoid and paratyphoid fevers (001-002)	1	1	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	2	1	1	1	1	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	3	3	-	-	-	-	-	-	-	3	3	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	10	10	-	1	1	-	1	1	-	5	4	1
Ill-defined intestinal infections (009)	5	4	1	-	-	-	-	-	-	4	2	2
Tuberculosis (010-018)	130	91	36	7	5	-	2	2	-	23	12	9
Tuberculosis of respiratory system (010-012)	101	74	25	4	2	-	2	2	-	19	11	6
Other tuberculosis (013-018)	29	17	11	3	3	-	-	-	-	4	1	3
Zoonotic and other bacterial diseases (020-041)	1,462	1,181	272	60	59	1	21	21	-	619	432	183
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	3	3	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	1	-	1	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	9	8	1	2	2	-	-	-	-	4	3	1
Tetanus (037)	2	2	-	-	-	-	-	-	-	1	1	-
Septicemia (038)	1,366	1,097	260	54	53	1	18	18	-	592	411	177
All other bacterial diseases (020-022,024-031,039-041)	81	71	10	4	4	-	3	3	-	22	17	5
Viral diseases (*042-*044,045-079)	1,716	1,383	324	60	54	3	21	21	-	361	233	125
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	5	5	-	-	-	-	-	-	-	-	-	-
Rubella (056)	1	1	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	111	91	19	6	6	-	2	2	-	22	20	2
Other viral diseases (*042-*044,046-049,051-054,057-061, 065-066,071-079)	1,599	1,286	305	54	48	3	19	19	-	339	213	123
Rickettsioses and other arthropod-borne diseases (080-088)	4	4	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	3	3	-	-	-	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	1	1	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	5	2	3	1	1	-	-	-	-	4	2	2
Syphilis (090-097)	5	2	3	-	-	-	-	-	-	3	1	2
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	1	-	1	-	-	-	-	-	-	2	-	2
All other syphilis (090-091,095-097)	4	2	2	-	-	-	-	-	-	1	1	-
Gonococcal infections (098)	-	-	-	-	-	-	-	-	-	1	1	-
Other venereal diseases (099)	-	-	-	1	1	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	270	227	39	19	18	-	8	8	-	110	66	44
Mycoses (110-118)	143	122	19	6	5	-	2	2	-	59	42	17
Helminthiases (120-129)	2	2	-	-	-	-	1	1	-	-	-	-
Late effects of tuberculosis (137)	15	12	2	1	1	-	1	1	-	4	2	2
Late effects of acute poliomyelitis (138)	10	9	1	3	3	-	-	-	-	-	-	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	100	82	17	9	9	-	4	4	-	47	22	25
II. Neoplasms (140-239)	27,784	24,066	3,567	1,903	1,865	17	1,108	1,106	2	11,409	8,857	2,466
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	27,414	23,746	3,518	1,858	1,821	16	1,094	1,092	2	11,262	8,745	2,431
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	410	340	62	20	20	-	17	17	-	179	124	53
Of lip (140)	7	7	-	-	-	-	-	-	-	3	2	1
Of tongue (141)	62	64	17	5	5	-	3	3	-	44	32	12
Of pharynx (146-149.0)	204	164	33	8	8	-	5	5	-	83	57	24
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	117	105	12	7	7	-	9	9	-	49	33	16
Malignant neoplasms of digestive organs and peritoneum (150-159)	6,338	5,298	986	435	420	8	272	272	-	2,528	1,866	633
Of esophagus (150)	480	372	106	23	23	-	25	25	-	252	159	89
Of stomach (151)	795	647	140	71	66	3	29	29	-	289	178	104
Of small intestine, including duodenum (152)	44	38	6	1	1	-	3	3	-	27	21	6
Of colon (153)	2,425	2,047	363	167	160	4	99	99	-	1,002	776	221
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	8	8	-	2	2	-	-	-	-	4	4	-
Descending colon (153.2)	7	3	4	-	-	-	-	-	-	7	4	3
Sigmoid colon (153.3)	36	30	5	-	-	-	3	3	-	18	16	2
Cecum, appendix, and ascending colon (153.4-153.6)	68	56	12	3	3	-	3	3	-	24	15	9
Other and colon, unspecified (153.8-153.9)	2,306	1,950	342	162	155	4	93	93	-	949	737	207
Of rectum, rectosigmoid junction, and anus (154)	329	284	44	30	30	-	22	22	-	140	111	27
Of liver and intrahepatic bile ducts (155)	610	500	95	33	32	-	18	18	-	144	106	32
Liver, primary (155.0)	301	242	49	15	14	-	8	8	-	58	39	15
Intrahepatic bile ducts (155.1)	62	53	9	5	5	-	3	3	-	23	19	4
Liver, not specified as primary or secondary (155.2)	247	205	37	13	13	-	7	7	-	63	48	13
Of gallbladder and extrahepatic bile ducts (156)	198	172	22	16	16	-	7	7	-	73	58	15
Of pancreas (157)	1,344	1,145	190	89	87	1	56	56	-	571	433	133
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	113	93	20	5	5	-	13	13	-	30	24	6
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	8,110	7,109	974	333	327	4	267	267	-	3,433	2,752	669
Of larynx (161)	224	193	30	10	10	-	10	10	-	85	66	19
Of trachea, bronchus, and lung (162)	7,819	6,859	934	319	313	4	255	255	-	3,314	2,656	646
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	67	57	10	4	4	-	2	2	-	34	30	4

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	2,918	2,614	294	256	254	1	125	125	-	1,299	1,028	261
Of bone and articular cartilage (170)	66	59	6	10	9	-	2	2	-	25	18	6
Of connective and other soft tissue (171)	178	161	17	27	27	-	7	7	-	77	53	23
Melanoma of skin (172)	333	324	8	31	31	-	14	14	-	139	131	7
Other malignant neoplasms of skin (173)	185	168	17	14	14	-	7	7	-	50	40	10
Of female breast (174)	2,144	1,891	245	173	172	1	94	94	-	1,000	779	214
Of male breast (175)	12	11	1	1	1	-	1	1	-	8	7	1
Malignant neoplasms of genital organs (179-187)	2,772	2,314	441	281	274	2	134	132	2	1,187	842	337
Of cervix uteri (180)	274	207	60	12	11	-	8	8	-	130	86	42
Of other parts of uterus (179,181-182)	268	218	47	36	34	1	14	14	-	99	71	27
Of ovary and other uterine adnexa (183)	626	561	63	47	45	1	32	32	-	267	230	36
Of other and unspecified female genital organs (184)	50	46	3	1	1	-	4	4	-	18	16	2
Of prostate (185)	1,516	1,245	267	182	180	-	75	73	2	665	433	228
Of testis (186)	23	23	-	2	2	-	1	1	-	4	3	1
Of penis and other male genital organs (187)	15	14	1	1	1	-	-	-	-	4	3	1
Malignant neoplasms of urinary organs (188-189)	1,083	947	133	78	76	-	52	52	-	374	292	78
Of bladder (188)	474	418	55	38	37	-	25	25	-	177	133	44
Of kidney and other and unspecified urinary organs (189)	609	529	78	40	39	-	27	27	-	197	159	34
Malignant neoplasms of other and unspecified sites (190-199)	3,161	2,811	338	221	217	1	118	118	-	1,220	977	229
Of eye (190)	13	11	2	1	1	-	-	-	-	3	3	-
Of brain (191)	636	592	40	47	47	-	32	32	-	245	214	23
Of other and unspecified parts of nervous system (192)	16	15	1	2	2	-	-	-	-	8	6	2
Of thyroid gland and other endocrine glands and related structures (193-194)	94	85	9	9	9	-	4	4	-	37	27	9
Of all other and unspecified sites (195-199)	2,402	2,108	286	162	158	1	82	82	-	927	727	195
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	2,622	2,313	290	234	233	-	109	109	-	1,042	864	171
Lymphosarcoma and reticulosarcoma (200)	94	84	9	15	15	-	12	12	-	52	51	1
Hodgkin's disease (201)	105	89	16	9	9	-	3	3	-	36	29	7
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	820	755	62	63	62	-	37	37	-	312	264	46
Multiple myeloma and immunoproliferative neoplasms (203)	494	416	74	46	46	-	18	18	-	237	170	67
Leukemia (204-208)	1,109	969	129	101	101	-	39	39	-	405	350	50
Lymphoid leukemia (204)	282	248	31	34	34	-	13	13	-	112	96	15
Myeloid leukemia (205)	455	388	62	45	45	-	21	21	-	188	160	25
Monocytic leukemia (206)	22	21	1	-	-	-	-	-	-	7	7	-
Other and unspecified leukemia (207-208)	350	312	35	22	22	-	5	5	-	98	87	10
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	370	320	49	45	44	1	14	14	-	147	112	35
Benign neoplasms (210-228)	86	67	18	6	5	1	-	-	-	26	20	6
Of female genital organs (218-221)	1	1	-	-	-	-	-	-	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225)	57	46	11	4	3	1	-	-	-	20	14	6
Of all other and unspecified sites (210-217,222-223,226-229)	28	20	7	2	2	-	-	-	-	6	6	-
Carcinoma in situ (230-234)	1	1	-	-	-	-	-	-	-	1	1	-
Of breast and genitourinary system (233)	1	1	-	-	-	-	-	-	-	1	1	-
Of all other and unspecified sites (230-232,234)	1	1	-	-	-	-	-	-	-	1	1	-
Neoplasms of uncertain behavior (235-238)	103	97	6	11	11	-	5	5	-	42	29	13
Neoplasms of unspecified nature (239)	180	155	25	28	28	-	9	9	-	78	62	16
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	3,843	3,175	651	430	419	1	156	155	-	1,176	785	387
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	3,665	3,031	619	401	390	1	143	142	-	1,104	735	365
Disorders of thyroid gland (240-246)	50	38	12	6	6	-	3	3	-	19	14	5
Diabetes mellitus (250)	2,894	2,395	488	321	310	1	107	106	-	788	515	270
Disorders of the pituitary gland and its hypothalamic control (253)	10	9	1	1	1	-	-	-	-	5	4	1
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	15	12	2	1	1	-	-	-	-	5	3	2
Cystic fibrosis (277.0)	31	28	3	7	7	-	1	1	-	8	8	-
Obesity (278.0)	70	58	12	9	9	-	2	2	-	19	12	7
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	595	491	101	56	56	-	30	30	-	260	179	80
Nutritional deficiencies (260-269)	178	144	32	29	29	-	13	13	-	72	50	22
Nutritional marasmus (261)	19	14	4	1	1	-	2	2	-	7	4	3
Other protein-calorie malnutrition (262-263)	145	116	28	27	27	-	10	10	-	62	44	18
All other nutritional deficiencies (260,264-269)	14	14	-	1	1	-	1	1	-	3	2	1
IV. Diseases of blood and blood-forming organs (280-289)	483	405	75	41	39	1	21	21	-	178	129	48
Anemias (280-285)	218	169	49	16	16	-	11	11	-	87	58	29
Deficiency anemias (280-281)	12	12	-	1	1	-	1	1	-	5	3	2
Hemolytic anemias (282-283)	47	19	28	-	-	-	-	-	-	18	8	10
Aplastic anemia (284)	63	58	5	9	9	-	5	5	-	23	19	4
Other and unspecified anemias (285)	96	80	16	6	6	-	5	5	-	41	28	13
Purpura and other hemorrhagic conditions (287)	38	31	5	3	2	-	1	1	-	13	11	2
All other diseases of blood and blood-forming organs (286,288-289)	227	205	21	22	21	1	9	9	-	78	60	17
V. Mental disorders (290-319)	1,269	1,137	128	150	142	-	82	82	-	588	455	133
Senile and presenile organic psychotic conditions (290)	397	376	21	46	46	-	32	32	-	182	157	25
Alcoholic psychoses (291)	18	17	1	1	1	-	2	2	-	12	4	8
All other psychoses (292-299)	170	153	16	22	22	-	25	25	-	105	93	12
Alcohol dependence syndrome (303)	184	146	38	36	32	-	8	8	-	125	71	54
Drug dependence (304)	31	29	2	-	-	-	-	-	-	9	4	5
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	455	407	45	40	36	-	14	14	-	150	122	28
Mental retardation (317-319)	14	9	5	5	5	-	1	1	-	5	4	1

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	2,258	2,026	223	283	279	2	138	138	-	840	725	114
Diseases of the nervous system (320-359)	2,249	2,019	221	283	279	2	138	138	-	840	725	114
Meningitis (320-322)	98	77	19	3	3	-	1	1	-	19	12	7
Parkinson's disease (332)	377	360	17	59	59	-	29	29	-	143	133	10
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	1,085	1,003	78	151	151	-	80	80	-	447	410	37
Multiple sclerosis (340)	50	45	5	8	8	-	9	9	-	28	22	6
Infantile cerebral palsy (343)	63	54	9	2	1	1	3	3	-	15	10	5
Epilepsy (345)	103	76	27	9	8	-	5	5	-	21	10	11
Other diseases of the nervous system (323-326,341-342,344,346-359)	473	404	66	51	49	1	11	11	-	167	128	38
Disorders of the eye and adnexa (360-379)	3	2	1	-	-	-	-	-	-	-	-	-
Diseases of the ear and mastoid process (380-389)	6	5	1	-	-	-	-	-	-	-	-	-
VII. Diseases of the circulatory system (390-459)	51,700	44,820	6,714	3,593	3,525	22	1,890	1,887	3	20,268	16,008	4,187
Rheumatic fever and rheumatic heart disease (390-398)	219	192	23	56	54	-	15	15	-	89	72	16
Acute rheumatic fever (390-392)	5	4	1	-	-	-	-	-	-	4	4	-
Chronic rheumatic heart disease (393-398)	214	188	22	56	54	-	15	15	-	85	68	16
Diseases of mitral valve (394)	107	102	5	21	20	-	6	6	-	41	31	9
Diseases of aortic valve (395)	3	2	1	3	3	-	-	-	-	-	-	-
Diseases of mitral and aortic valves (396)	38	29	8	5	4	-	2	2	-	19	16	3
All other chronic rheumatic heart disease (393,397-398)	66	55	8	27	27	-	7	7	-	25	21	4
Hypertensive disease (401-404)	1,829	1,310	509	148	140	7	80	80	-	628	360	265
Essential hypertension (401)	240	186	54	15	15	-	8	8	-	92	55	37
Hypertensive heart disease (402)	1,253	889	356	118	113	4	50	50	-	396	235	160
Hypertensive renal disease (403)	217	154	61	11	9	2	18	18	-	85	48	35
Hypertensive heart and renal disease (404)	119	81	38	4	3	1	4	4	-	55	22	33
Ischemic heart disease (410-414)	24,307	21,702	2,530	1,567	1,541	7	934	933	1	9,570	7,812	1,729
Acute myocardial infarction (410)	13,411	12,000	1,384	785	768	4	503	502	1	4,773	3,944	813
Other acute and subacute forms of ischemic heart disease (411)	82	69	13	11	11	-	8	8	-	614	452	162
Angina pectoris (413)	51	42	8	5	5	-	5	5	-	34	28	6
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	10,763	9,591	1,145	766	757	3	418	418	-	4,149	3,388	748
Diseases of pulmonary circulation (415-417)	765	634	128	55	55	-	23	23	-	335	242	92
Other forms of heart disease (420-429)	13,624	11,570	2,023	928	910	4	449	448	1	5,333	4,106	1,207
Acute and subacute endocarditis (421)	50	33	17	2	2	-	3	3	-	26	14	12
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	60	52	7	4	4	-	-	-	-	18	15	2
Other diseases of endocardium (424)	531	482	47	68	67	-	42	42	-	239	202	37
Mitral valve disorders (424.0)	86	79	7	9	9	-	6	6	-	35	29	6
Aortic valve disorders (424.1)	345	309	35	34	34	-	28	28	-	151	130	21
All other diseases of endocardium (424.2-424.9)	100	94	5	25	24	-	8	8	-	53	43	10
Heart failure (428)	2,859	2,524	332	203	200	-	56	56	-	1,110	878	228
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	68	61	7	6	5	-	2	1	1	18	12	6
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	10,056	8,418	1,613	645	632	4	346	346	-	3,922	2,985	922
Cerebrovascular diseases (430-438)	8,380	7,111	1,232	638	626	3	298	297	1	3,319	2,595	710
Subarachnoid hemorrhage (430)	410	331	79	25	22	-	16	16	-	137	110	25
Intracerebral and other intracranial hemorrhage (431-432)	1,194	980	205	80	78	-	38	38	-	467	345	120
Occlusion and stenosis of precerebral arteries (433)	49	42	7	5	5	-	1	1	-	22	19	3
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	926	811	113	61	59	1	45	45	-	422	347	71
Cerebral embolism (434.1)	25	20	4	6	6	-	2	2	-	15	13	2
Acute but ill-defined cerebrovascular disease (436)	4,827	4,114	696	396	392	2	163	162	1	1,869	1,451	412
Other and late effects of cerebrovascular diseases (435,437-438)	949	813	135	65	64	-	33	33	-	387	310	77
Diseases of arteries, arterioles, and capillaries (440-448)	2,313	2,080	227	183	181	1	89	89	-	906	750	151
Atherosclerosis (440)	1,172	1,056	115	82	81	1	28	28	-	383	318	64
Aortic aneurysm (441)	726	666	57	67	66	-	45	45	-	349	301	45
All other diseases of arteries, arterioles, and capillaries (442-448)	415	358	55	34	34	-	16	16	-	174	131	42
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	263	221	42	18	18	-	2	2	-	88	71	17
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	94	75	19	7	7	-	-	-	-	34	28	6
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	169	146	23	11	11	-	2	2	-	54	43	11
VIII. Diseases of the respiratory system (460-519)	9,919	8,983	901	852	838	7	454	454	-	3,894	3,281	602
Diseases of the upper respiratory tract (460-465,470-478)	36	29	6	2	2	-	-	-	-	9	4	5
Acute upper respiratory infections (460-465)	12	10	1	1	1	-	-	-	-	5	2	3
Other diseases of upper respiratory tract (470-478)	24	19	5	1	1	-	-	-	-	4	2	2
Other diseases of the respiratory system (466,480-519)	9,883	8,954	895	850	836	7	454	454	-	3,885	3,277	597
Acute bronchitis and bronchiolitis (466)	38	35	3	1	1	-	2	2	-	18	13	5
Pneumonia (480-486)	3,818	3,393	409	338	329	5	172	172	-	1,533	1,290	239
Viral pneumonia (480)	48	43	4	6	5	1	3	3	-	12	8	4
Pneumococcal and other bacterial pneumonia (481-482)	304	261	43	9	8	1	7	7	-	109	84	24
Bronchopneumonia, organism unspecified (485)	293	254	36	14	14	-	6	6	-	77	62	15
Pneumonia due to other and unspecified organism (483,486)	3,173	2,835	326	309	302	3	156	156	-	1,335	1,136	196
Influenza (487)	88	80	8	20	20	-	2	2	-	21	19	2
Chronic obstructive pulmonary diseases and allied conditions (490-496)	4,370	4,032	322	390	387	2	227	227	-	1,685	1,460	221
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	1,445	1,313	120	118	115	2	51	51	-	487	428	58
Bronchitis, not specified as acute or chronic (490)	50	46	4	4	4	-	1	1	-	13	13	-
Chronic bronchitis (491)	156	148	7	19	19	-	14	14	-	65	62	3
Emphysema (492)	965	909	53	61	59	2	24	24	-	274	254	20
Asthma (493)	274	210	56	34	33	-	12	12	-	135	99	35
Bronchiectasis and extrinsic allergic alveolitis (494-495)	45	44	1	4	4	-	1	1	-	25	23	2
Chronic airways obstruction, not elsewhere classified (496)	2,880	2,675	201	268	268	-	175	175	-	1,173	1,009	161
Pneumoconioses and other lung diseases due to external agents (500-508)	582	529	52	35	35	-	13	13	-	257	208	48
Empyema and abscess of lung and mediastinum (510,513)	52	46	6	3	3	-	2	2	-	23	12	11
Pleurisy (511)	50	44	6	3	3	-	-	-	-	19	14	5
All other diseases of respiratory system (512,514-519)	885	795	89	60	58	-	36	36	-	329	261	66

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	4,458	3,920	522	396	386	4	184	184	-	1,620	1,280	333
Diseases of oral cavity, salivary glands, and jaws (520-529)	7	6	1	1	1	-	1	1	-	3	1	2
Diseases of other parts of the digestive system (530-579)	4,451	3,914	521	395	385	4	183	183	-	1,617	1,279	331
Ulcer of stomach and duodenum (531-533)	335	294	40	42	42	-	12	12	-	110	96	14
Gastric ulcer (531)	109	101	8	12	12	-	5	5	-	34	30	4
Duodenal ulcer (532)	116	101	15	15	15	-	4	4	-	36	32	4
Peptic ulcer, site unspecified (533)	110	92	17	15	15	-	4	4	-	40	34	6
Gastritis and duodenitis (535)	30	27	3	2	2	-	3	3	-	5	2	3
Appendicitis (540-543)	33	28	4	1	1	-	-	-	-	8	6	2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	340	299	40	42	40	-	13	13	-	112	82	30
Regional enteritis and idiopathic proctocolitis (555-556)	28	24	4	2	2	-	1	1	-	9	9	-
All other noninfective gastroenteritis and colitis (557-558)	484	432	51	47	47	-	17	17	-	208	175	33
Diverticula of intestine (562)	136	124	12	15	15	-	11	11	-	49	46	3
Chronic liver disease and cirrhosis (571)	1,629	1,437	183	97	94	2	53	53	-	502	385	114
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	622	535	82	37	34	2	29	29	-	208	135	73
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	79	69	9	6	6	-	3	3	-	20	17	2
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	928	833	92	54	54	-	21	21	-	274	233	39
Cholelithiasis and other disorders of gallbladder (574-575)	197	179	18	17	17	-	8	8	-	65	55	10
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	1,239	1,070	166	130	125	2	65	65	-	549	423	122
X. Diseases of the genitourinary system (580-629)	2,266	1,843	413	144	142	-	72	72	-	925	619	302
Diseases of urinary system (580-599)	2,203	1,801	394	140	138	-	71	71	-	905	602	299
Nephritis, nephrotic syndrome, and nephrosis (580-589)	1,200	959	234	97	96	-	38	38	-	488	313	172
Acute glomerulonephritis (580)	9	9	-	-	-	-	1	1	-	1	1	-
Nephrotic syndrome (581)	9	6	3	2	2	-	-	-	-	5	3	2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	72	62	10	8	8	-	3	3	-	33	14	19
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	1,110	882	221	87	86	-	34	34	-	449	295	151
Infections of kidney (590)	104	95	9	10	10	-	2	2	-	20	15	5
Urinary calculus (592,594)	16	16	-	-	-	-	-	-	-	3	2	1
All other diseases of urinary system (591,593,595-599)	883	731	151	33	32	-	31	31	-	394	272	121
Diseases of male genital organs (600-609)	41	27	12	4	4	-	-	-	-	16	13	3
Hyperplasia of prostate (600)	25	16	8	2	2	-	-	-	-	8	5	3
Other diseases of male genital organs (601-608)	16	11	4	2	2	-	-	-	-	8	8	-
Disorders of breast (610-611)	3	2	1	-	-	-	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	19	13	6	-	-	-	1	1	-	4	4	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	34	26	7	-	-	-	1	1	-	7	5	2
Pregnancy with abortive outcome (630-638)	1	-	-	-	-	-	-	-	-	3	2	1
Ectopic pregnancy (633)	-	-	-	-	-	-	-	-	-	-	-	-
Spontaneous abortion (634)	1	-	-	-	-	-	-	-	-	-	-	-
Legally induced abortion (635)	-	-	-	-	-	-	-	-	-	1	1	-
Illegally induced abortion (636)	-	-	-	-	-	-	-	-	-	-	-	-
Other pregnancy with abortive outcome (630-632,637-638)	-	-	-	-	-	-	-	-	-	2	1	1
Direct obstetric causes (640-646,651-676)	26	21	5	-	-	-	1	1	-	2	2	-
Hemorrhage of pregnancy and childbirth (640-641,665)	2	1	1	-	-	-	-	-	-	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	4	3	1	-	-	-	-	-	-	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of the puerperium (670-676)	15	14	1	-	-	-	-	-	-	2	2	-
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	5	3	2	-	-	-	1	1	-	-	-	-
Indirect obstetric causes (647-648)	7	5	2	-	-	-	-	-	-	2	1	1
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	242	173	69	15	14	-	6	6	-	104	59	45
Infections of skin and subcutaneous tissue (680-686)	52	40	12	5	5	-	1	1	-	13	11	2
All other diseases of skin and subcutaneous tissue (690-709)	190	133	57	10	9	-	5	5	-	91	48	43
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	468	386	78	59	56	-	15	15	-	202	151	51
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	114	107	7	9	9	-	6	6	-	55	47	8
Other arthropathies and related disorders (710-712,715-719)	239	184	51	34	32	-	7	7	-	92	56	36
Dorsopathies (720-724)	17	12	5	-	-	-	-	-	-	4	3	1
Rheumatism, excluding the back (725-729)	38	29	9	-	-	-	-	-	-	12	10	2
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	60	54	6	16	15	-	2	2	-	39	35	4
XIV. Congenital anomalies (740-759)	949	777	150	116	107	-	20	20	-	289	211	74
Spina bifida (741)	11	11	-	1	1	-	-	-	-	3	1	2
All other congenital anomalies of nervous system (740,742)	137	118	19	9	7	-	1	1	-	29	22	6
Congenital anomalies of heart (745-746)	327	275	42	42	41	-	9	9	-	116	88	27
Other congenital anomalies of circulatory system (747)	72	59	10	9	8	-	1	1	-	26	20	6
All other congenital anomalies (743-744,748-759)	402	314	79	55	50	-	9	9	-	115	80	33

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	1,208	815	379	82	69	6	33	33	-	529	263	261
Birth trauma (767)	15	12	3	3	3	-	-	-	-	7	3	4
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	322	230	89	15	14	1	8	8	-	80	54	26
Other conditions originating in the perinatal period (760-766,770-779)	871	573	287	64	52	5	25	25	-	442	206	231
XVI. Symptoms, signs, and ill-defined conditions (780-799)	3,352	2,877	465	156	145	1	20	20	-	422	310	110
Senility without mention of psychosis (797)	95	79	16	27	27	-	-	-	-	42	40	2
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	3,257	2,798	449	129	118	1	20	20	-	380	270	108
Supplementary classification of external causes of injury and poisoning (E800-E999)	11,037	9,165	1,755	870	807	18	333	331	1	3,592	2,559	985
Accidents and adverse effects (E800-E949)	6,668	5,788	823	554	514	10	226	226	-	2,216	1,606	580
Transport accidents (E800-E848)	3,694	3,263	397	334	307	4	116	116	-	1,075	788	261
Railway accidents (E800-E807)	30	25	4	3	3	-	2	2	-	13	9	4
Motor vehicle accidents (E810-E825)	3,524	3,115	376	312	286	3	109	109	-	1,015	738	254
Motor vehicle traffic accidents (E810-E819)	3,477	3,071	375	297	272	3	105	105	-	991	719	249
Involving collision with train (E810)	91	83	8	-	-	-	-	-	-	9	9	-
Involving collision with another motor vehicle (E811-E812)	1,393	1,246	134	116	109	1	27	27	-	335	252	75
Involving collision with pedestrian (E814)	553	447	97	38	34	1	12	12	-	135	84	49
Involving collision with other vehicle or object (E813,E815)	724	652	70	22	21	-	24	24	-	101	67	31
Not involving collision on highway (E816-E818)	593	534	53	103	93	1	12	12	-	288	215	67
Motor vehicle traffic accident of unspecified nature (E819)	123	109	13	18	15	-	30	30	-	123	92	27
Motor vehicle nontraffic accidents (E820-E825)	47	44	1	15	14	-	4	4	-	24	19	5
Other road vehicle accidents (E826-E829)	10	8	2	4	4	-	-	-	-	7	6	-
Water transport accidents (E830-E838)	61	48	13	5	4	1	1	1	-	25	21	3
Air and space transport accidents (E840-E845)	69	67	2	10	10	-	4	4	-	14	13	-
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	-	-	-	-	-	-	1	1	-
Accidental poisoning (E850-E869)	445	364	77	22	21	1	7	7	-	165	115	50
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	350	283	65	13	12	1	4	4	-	101	71	30
Accidental poisoning by other solid or liquid substances (E860-E866)	43	38	5	1	1	-	3	3	-	48	34	14
Accidental poisoning by gases and vapors (E867-E869)	52	43	7	8	8	-	-	-	-	16	10	6
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	120	107	13	15	15	-	8	8	-	66	47	19
Accidental falls (E880-E888)	674	621	50	87	84	1	43	43	-	274	236	38
Fall from one level to another (E880-E884)	128	120	7	25	23	-	11	11	-	69	56	13
Fall on same level (E885-E886)	27	26	1	5	5	-	4	4	-	8	6	2
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	519	475	42	57	56	1	28	28	-	197	174	23
Accidents caused by fire and flames (E890-E899)	319	239	79	18	16	1	14	14	-	145	85	58
Other accidents, including late effects (E900-E929)	1,411	1,189	207	78	71	3	38	38	-	487	331	154
Lightning (E907)	2	2	-	2	2	-	-	-	-	1	-	1
Accidental drowning and submersion (E910)	388	308	68	16	14	1	9	9	-	98	65	32
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	248	211	37	10	9	1	7	7	-	121	77	44
Accident caused by handgun (E922.0)	13	13	-	4	4	-	1	1	-	6	6	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	149	126	22	2	2	-	1	1	-	22	17	5
Accident caused by explosive material (E923)	41	37	4	3	3	-	2	2	-	5	5	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E925)	6	6	-	3	3	-	-	-	-	2	2	-
Accident caused by electric current (E925)	71	66	5	1	1	-	-	-	-	13	13	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	493	420	71	37	33	1	18	18	-	219	146	72
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	5	5	-	-	-	-	-	-	-	4	4	-
Suicide (E950-E959)	2,126	1,977	123	211	206	-	94	93	-	814	698	108
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	176	166	7	30	30	-	7	7	-	72	67	4
Suicide by other solid or liquid substances (E950.6-E950.9)	15	13	2	3	3	-	1	1	-	6	5	1
Suicide by gases and vapors (E951-E952)	103	97	3	16	16	-	2	2	-	40	39	1
Suicide by hanging, strangulation, and suffocation (E953)	262	235	22	23	23	-	12	11	-	85	72	11
Suicide by handgun (E955.0)	73	72	1	69	67	-	3	3	-	67	57	10
Suicide by all other and unspecified firearms (E955.1-E955.4)	1,410	1,322	80	64	62	-	66	66	-	495	424	67
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	87	72	8	6	5	-	3	3	-	49	34	14
Homicide and legal intervention (E960-E978)	2,114	1,307	777	56	41	6	12	11	1	521	226	285
Assault by handgun (E965.0)	23	15	8	8	3	2	-	-	-	28	14	14
Assault by all other and unspecified firearms (E965.1-E965.4)	1,365	810	534	18	15	2	6	5	1	315	127	182
Assault by cutting and piercing instrument (E966)	387	241	140	9	7	-	4	4	-	79	30	47
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	311	222	86	18	13	2	2	2	-	82	44	36
Legal execution (E970)	4	3	1	-	-	-	-	-	-	1	-	1
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	24	16	8	3	3	-	-	-	-	16	11	5
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	128	92	32	48	45	2	1	1	-	41	29	12
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	60	43	15	33	31	2	-	-	-	13	10	3
From poisoning by other solid or liquid substances (E980.6-E980.9)	1	1	-	2	1	-	-	-	-	-	-	-
From injury by handgun (E985.0)	-	-	-	3	3	-	-	-	-	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	27	24	3	1	1	-	-	-	-	6	4	2
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)	40	24	14	9	9	-	1	1	-	22	15	7
Injury resulting from operations of war (E990-E999)	1	1	-	1	1	-	-	-	-	-	-	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
All causes	36,163	34,310	862	19,558	18,773	771	42,355	40,801	1,265	3,254	3,175	11
I. Infectious and parasitic diseases (001-139)	688	617	41	267	250	17	605	555	46	29	27	-
Intestinal infectious diseases (001-009)	4	4	-	3	2	1	8	7	1	-	-	-
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	-	-	-	1	-	1	3	2	1	-	-	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	3	3	-	1	1	-	5	5	-	-	-	-
Ill-defined intestinal infections (009)	1	1	-	1	1	-	-	-	-	-	-	-
Tuberculosis (010-018)	18	13	2	10	10	-	30	22	8	-	-	-
Tuberculosis of respiratory system (010-012)	15	11	1	10	10	-	27	20	8	-	-	-
Other tuberculosis (013-018)	3	2	1	-	-	-	3	2	-	-	-	-
Zoonotic and other bacterial diseases (020-041)	247	230	7	172	166	6	312	300	12	16	15	-
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	9	5	2	1	1	-	4	4	-	-	-	-
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	230	217	5	169	163	6	290	278	12	16	15	-
All other bacterial diseases (020-022,024-031,039-041)	8	8	-	2	2	-	18	18	-	-	-	-
Viral diseases (*042-*044,045-079)	354	310	29	52	46	6	159	139	19	7	7	-
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	1	1	-	-	-	-
Rubella (056)	1	1	-	-	-	-	1	1	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	44	37	1	15	14	1	18	15	3	-	-	-
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	309	272	28	37	32	5	139	122	16	7	7	-
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)	-	-	-	-	-	-	-	-	-	-	-	-
Cardiovascular syphilis (093)	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	-	-	-	-	-	-	-	-	-	-	-	-
All other syphilis (090-091,095-097)	-	-	-	-	-	-	-	-	-	-	-	-
Gonococcal infections (098)	-	-	-	-	-	-	1	1	-	-	-	-
Other venereal diseases (099)	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	65	60	3	30	26	4	95	86	8	6	5	-
Mycoses (110-118)	26	24	2	15	14	1	57	55	1	3	3	-
Helminthiasis (120-129)	-	-	-	1	1	-	-	-	-	-	-	-
Late effects of tuberculosis (137)	4	3	-	3	2	1	8	7	1	-	-	-
Late effects of acute poliomyelitis (138)	5	5	-	1	1	-	5	5	-	1	1	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	30	28	1	10	8	2	25	19	6	2	1	-
II. Neoplasms (140-239)	8,810	8,394	199	4,430	4,266	161	9,934	9,604	282	762	750	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	8,718	8,308	196	4,380	4,216	161	9,815	9,490	279	754	742	1
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	163	155	4	67	62	5	170	163	7	6	6	-
Of lip (140)	7	7	-	1	1	-	1	1	-	1	1	-
Of tongue (141)	40	38	1	15	14	1	37	36	1	1	1	-
Of pharynx (146-149.0)	64	61	2	29	26	3	86	81	5	1	1	-
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	52	49	1	22	21	1	46	45	1	3	3	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	2,007	1,891	45	1,004	950	54	2,519	2,441	62	168	166	-
Of esophagus (150)	168	159	6	76	73	3	186	183	11	15	15	-
Of stomach (151)	227	194	7	103	96	7	305	289	11	28	28	-
Of small intestine, including duodenum (152)	16	16	-	12	11	1	16	14	1	1	1	-
Of colon (153)	782	754	12	422	405	17	980	959	17	59	58	-
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	4	4	-	2	2	-	5	5	-	-	-	-
Descending colon (153.2)	2	2	-	5	5	-	1	1	-	-	-	-
Sigmoid colon (153.3)	23	23	-	5	5	-	25	25	-	1	1	-
Cecum, appendix, and ascending colon (153.4-153.6)	40	38	2	13	12	1	37	37	-	3	3	-
Other and colon, unspecified (153.8-153.9)	713	687	10	397	381	16	912	891	17	55	54	-
Of rectum, rectosigmoid junction, and anus (154)	129	119	6	64	61	3	173	170	3	9	9	-
Of liver and intrahepatic bile ducts (155)	144	125	8	67	60	7	140	134	5	11	11	-
Liver, primary (155.0)	85	73	6	20	16	4	41	36	4	5	5	-
Intrahepatic bile ducts (155.1)	42	36	2	11	11	-	40	39	1	1	1	-
Liver, not specified as primary or secondary (155.2)	17	16	-	36	33	3	59	59	-	5	5	-
Of gallbladder and extrahepatic bile ducts (156)	58	57	-	44	42	2	114	114	-	4	4	-
Of pancreas (157)	431	418	6	192	179	13	551	534	14	32	31	-
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	52	49	-	24	23	1	44	44	-	9	9	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	2,601	2,488	64	1,423	1,380	42	2,354	2,273	71	186	182	1
Of larynx (161)	47	46	1	34	28	6	60	56	4	4	4	-
Of trachea, bronchus, and lung (162)	2,513	2,402	62	1,374	1,337	36	2,271	2,194	67	181	177	1
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	41	40	1	15	15	-	23	23	-	1	1	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
Malignant neoplasms, etc.-Con.												
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175).....	989	955	15	442	428	13	1,116	1,081	34	81	80	-
Of bone and articular cartilage (170).....	27	25	1	8	8	-	29	27	2	2	2	-
Of connective and other soft tissue (171).....	63	57	3	20	20	-	60	59	1	6	6	-
Melanoma of skin (172).....	88	87	1	68	67	1	102	102	-	5	5	-
Other malignant neoplasms of skin (173).....	33	32	1	15	13	2	35	33	2	4	4	-
Of female breast (174).....	773	749	9	328	317	10	884	854	29	63	62	-
Of male breast (175).....	5	5	-	3	3	-	6	6	-	1	1	-
Malignant neoplasms of genital organs (179-187).....	1,033	984	26	402	396	16	1,176	1,145	28	99	98	-
Of cervix uteri (180).....	64	57	1	45	45	-	68	63	4	5	5	-
Of other parts of uterus (179,181-182).....	109	102	6	41	40	1	130	127	2	6	6	-
Of ovary and other uterine adnexa (183).....	258	251	3	99	97	2	260	259	1	25	25	-
Of other and unspecified female genital organs (184).....	23	23	-	7	7	-	20	20	-	-	-	-
Of prostate (185).....	564	536	16	204	192	12	667	665	21	63	62	-
Of testis (186).....	10	10	-	5	4	1	8	8	-	-	-	-
Of penis and other male genital organs (187).....	5	5	-	1	1	-	3	3	-	-	-	-
Malignant neoplasms of urinary organs (189-189).....	391	372	8	175	171	4	444	432	10	35	33	-
Of bladder (189).....	189	184	2	84	80	4	216	213	3	18	17	-
Of kidney and other and unspecified urinary organs (189).....	202	188	6	91	91	-	228	219	7	17	16	-
Malignant neoplasms of other and unspecified sites (190-199).....	667	637	14	461	443	17	989	953	29	102	100	-
Of eye (190).....	7	7	-	1	-	-	5	5	-	-	-	-
Of brain (191).....	234	225	3	87	86	1	265	253	8	33	33	-
Of other and unspecified parts of nervous system (192).....	11	10	-	2	2	-	13	11	2	1	1	-
Of thyroid gland and other endocrine glands and related structures (193-194).....	30	26	3	17	16	1	34	31	3	2	2	-
Of all other and unspecified sites (195-199).....	385	369	8	354	339	15	672	653	16	66	64	-
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208).....	867	826	20	406	396	10	1,047	1,002	38	77	77	-
Lymphosarcoma and reticulosarcoma (200).....	180	175	2	14	14	-	69	66	3	7	7	-
Hodgkin's disease (201).....	24	24	-	9	9	-	34	33	1	5	5	-
Other malignant neoplasms of lymphoid and histiocytic tissue (202).....	158	150	4	148	147	1	333	322	7	29	29	-
Multiple myeloma and immunoproliferative neoplasms (203).....	180	168	7	79	75	4	191	173	17	10	10	-
Leukemia (204-208).....	325	309	7	156	151	5	420	408	10	26	26	-
Lymphoid leukemia (204).....	92	86	4	49	47	2	138	137	1	6	6	-
Myeloid leukemia (205).....	186	178	3	64	61	3	150	143	5	13	13	-
Monocytic leukemia (206).....	4	4	-	1	1	-	7	7	-	1	1	-
Other and unspecified leukemia (207-208).....	43	41	-	42	42	-	125	121	4	6	6	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239).....	92	86	3	50	50	-	119	114	3	8	8	-
Benign neoplasms (210-229).....	30	27	2	6	6	-	29	28	1	4	4	-
Of female genital organs (218-221).....	-	-	-	-	-	-	-	-	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225).....	17	16	1	4	4	-	16	15	1	4	4	-
Of all other and unspecified sites (210-217,222-223,226-229).....	13	11	1	2	2	-	13	13	-	-	-	-
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).....	38	37	1	10	10	-	43	42	1	2	2	-
Neoplasms of unspecified nature (239).....	24	22	-	34	34	-	47	44	1	2	2	-
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279).....	961	896	31	672	632	39	1,377	1,316	48	105	98	2
Endocrine and metabolic diseases and immunity disorders (240-269,270-279).....	898	834	30	637	598	38	1,315	1,254	48	98	91	2
Disorders of thyroid gland (240-246).....	8	8	-	6	5	1	23	23	-	3	3	-
Diabetes mellitus (250).....	700	649	24	507	476	31	1,074	1,019	42	74	68	1
Disorders of the pituitary gland and its hypothalamic control (253).....	1	1	-	4	4	-	3	3	-	-	-	-
Diseases of thymus gland (254).....	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255).....	5	5	-	1	1	-	7	7	-	1	1	-
Cystic fibrosis (277.0).....	13	13	-	3	2	1	6	5	1	1	1	-
Obesity (278.0).....	20	17	1	16	14	2	23	23	-	2	2	-
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279).....	151	141	5	100	96	3	179	174	5	17	16	1
Nutritional deficiencies (260-269).....	63	62	1	35	34	1	62	62	-	7	7	-
Nutritional marasmus (261).....	4	4	-	4	4	-	3	3	-	1	1	-
Other protein-calorie malnutrition (262-263).....	55	54	1	31	30	1	50	50	-	6	6	-
All other nutritional deficiencies (260,264-269).....	4	4	-	-	-	-	9	9	-	-	-	-
IV. Diseases of blood and blood-forming organs (280-289).....	133	122	6	72	67	5	188	178	9	10	9	-
Anemias (280-285).....	54	48	4	34	30	4	93	85	7	6	6	-
Deficiency anemias (280-281).....	4	4	-	2	2	-	10	9	1	-	-	-
Hemolytic anemias (282-283).....	11	8	2	4	2	2	15	10	5	-	-	-
Aplastic anemia (284).....	27	25	1	9	7	2	30	28	1	5	5	-
Other and unspecified anemias (285).....	11	11	-	19	19	-	38	38	-	1	1	-
Purpura and other hemorrhagic conditions (287).....	14	12	1	6	5	1	20	20	-	1	-	-
All other diseases of blood and blood-forming organs (286,288-289).....	65	62	1	32	32	-	75	73	2	3	3	-
V. Mental disorders (290-319).....	606	563	20	231	224	7	674	651	20	67	62	-
Senile and presenile organic psychotic conditions (290).....	359	343	13	47	46	1	264	263	1	23	23	-
Alcoholic psychoses (291).....	10	8	-	5	5	-	8	6	1	1	1	-
All other psychoses (292-299).....	41	39	1	40	38	2	136	134	2	19	18	-
Alcohol dependence syndrome (303).....	77	66	2	40	39	1	91	82	8	15	11	-
Drug dependence (304).....	4	3	1	-	-	-	4	3	1	1	1	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316).....	106	97	3	93	91	2	162	154	7	7	7	-
Mental retardation (317-319).....	9	7	-	6	5	1	9	9	-	1	1	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
VI. Diseases of the nervous system and sense organs (320-389)	974	938	20	289	274	14	927	892	26	86	83	1
Diseases of the nervous system (320-359)	971	935	20	288	273	14	926	891	26	86	83	1
Meningitis (320-322)	12	10	1	4	4	-	11	9	-	2	2	-
Parkinson's disease (332)	185	184	-	55	53	2	178	176	1	11	11	-
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	550	533	8	140	132	7	535	525	9	47	46	-
Multiple sclerosis (340)	62	61	1	13	13	-	28	26	1	4	4	-
Infantile cerebral palsy (343)	11	7	2	8	8	-	15	13	1	1	1	-
Epilepsy (345)	34	29	4	13	12	1	28	24	3	4	3	-
Other diseases of the nervous system (323-326,341-342,344,346-359)	117	111	4	55	51	4	131	118	11	17	16	1
Disorders of the eye and adnexa (360-379)	-	-	-	-	-	-	1	1	-	-	-	-
Diseases of the ear and mastoid process (380-389)	3	3	-	1	1	-	-	-	-	-	-	-
VII. Diseases of the circulatory system (390-459)	15,052	14,458	276	9,031	8,682	345	19,349	18,848	406	1,219	1,200	5
Rheumatic fever and rheumatic heart disease (390-398)	118	114	1	54	54	-	109	106	2	12	12	-
Acute rheumatic fever (390-392)	-	-	-	1	1	-	1	1	-	-	-	-
Chronic rheumatic heart disease (393-398)	118	114	1	53	53	-	108	105	2	12	12	-
Diseases of mitral valve (394)	53	50	-	27	27	-	44	42	1	6	6	-
Diseases of aortic valve (395)	3	3	-	2	2	-	6	5	1	1	1	-
Diseases of mitral and aortic valves (396)	17	17	-	14	14	-	17	17	-	4	4	-
All other chronic rheumatic heart disease (393,397-398)	45	44	1	10	10	-	41	41	-	4	4	-
Hypertensive disease (401-404)	431	400	23	306	278	27	532	502	27	23	23	-
Essential hypertension (401)	77	71	5	43	40	3	84	83	1	5	5	-
Hypertensive heart disease (402)	227	209	13	179	161	17	319	295	23	14	14	-
Hypertensive renal disease (403)	81	77	2	43	40	3	100	97	2	2	2	-
Hypertensive heart and renal disease (404)	46	43	3	41	37	4	29	27	1	2	2	-
Ischemic heart disease (410-414)	7,199	6,956	108	4,758	4,508	149	11,268	11,024	189	622	610	3
Acute myocardial infarction (410)	3,334	3,206	44	2,506	2,436	70	5,823	5,700	85	316	312	3
Other acute and subacute forms of ischemic heart disease (411)	23	23	-	19	18	1	21	21	-	1	1	-
Angina pectoris (413)	25	25	-	15	15	-	8	8	-	2	1	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	3,817	3,702	64	2,218	2,139	78	5,416	5,295	104	303	296	-
Diseases of pulmonary circulation (415-417)	178	167	5	120	116	4	239	226	12	25	25	-
Other forms of heart disease (420-429)	3,431	3,278	70	2,180	2,076	103	2,924	2,827	81	293	289	1
Acute and subacute endocarditis (421)	17	15	1	7	7	-	13	12	1	-	-	-
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	9	9	-	4	4	-	13	12	1	1	1	-
Other diseases of endocardium (424)	301	294	4	103	100	3	304	294	7	18	18	-
Mitral valve disorders (424.0)	26	26	-	20	20	-	60	58	2	-	-	-
Aortic valve disorders (424.1)	197	194	2	59	57	2	181	178	2	11	11	-
All other diseases of endocardium (424.2-424.9)	78	74	2	24	23	1	63	58	3	7	7	-
Heart failure (428)	616	597	8	399	385	14	826	810	12	73	73	-
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	10	9	-	9	9	-	20	18	2	-	-	-
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	2,478	2,354	57	1,658	1,571	86	1,748	1,681	58	201	197	1
Cerebrovascular diseases (430-438)	2,686	2,573	43	1,178	1,126	51	3,242	3,151	77	170	167	1
Subarachnoid hemorrhage (430)	121	110	3	56	56	-	128	117	10	9	8	-
Intracerebral and other intracranial hemorrhage (431-432)	314	296	4	158	149	9	394	378	15	14	14	-
Occlusion and stenosis of precerebral arteries (433)	22	20	1	10	9	1	31	30	1	2	2	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	247	242	1	154	148	6	384	379	5	8	8	-
Cerebral embolism (434.1)	20	19	1	3	3	-	12	12	-	-	-	-
Acute but ill-defined cerebrovascular disease (435)	1,680	1,617	28	698	668	30	1,864	1,821	33	114	112	1
Other and late effects of cerebrovascular diseases (435,437-438)	282	269	5	99	93	5	429	414	13	23	23	-
Diseases of arteries, arterioles, and capillaries (440-448)	934	900	23	399	388	11	957	936	17	71	71	-
Atherosclerosis (440)	467	447	15	173	170	3	384	381	1	23	23	-
Aortic aneurysm (441)	315	303	6	145	141	4	360	350	8	30	30	-
All other diseases of arteries, arterioles, and capillaries (442-448)	152	150	2	81	77	4	213	205	8	18	18	-
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	75	70	3	36	36	-	78	76	1	3	3	-
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	38	34	3	10	10	-	33	32	1	2	2	-
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	37	36	-	26	26	-	45	44	-	1	1	-
VIII. Diseases of the respiratory system (460-519)	3,601	3,468	53	1,823	1,759	62	3,648	3,575	53	356	352	1
Diseases of the upper respiratory tract (460-465,470-478)	14	13	1	3	3	-	18	18	-	1	1	-
Acute upper respiratory infections (460-465)	5	4	1	1	1	-	7	7	-	1	1	-
Other diseases of upper respiratory tract (470-478)	9	9	-	2	2	-	11	11	-	-	-	-
Other diseases of the respiratory system (466,480-519)	3,587	3,455	52	1,820	1,756	62	3,630	3,557	53	355	351	1
Acute bronchitis and bronchiolitis (466)	4	4	-	9	9	-	8	7	1	-	-	-
Pneumonia (480-486)	1,272	1,225	13	615	592	23	1,575	1,553	17	107	105	1
Viral pneumonia (480)	20	19	-	2	2	-	7	7	-	4	4	-
Pneumococcal and other bacterial pneumonia (481-482)	68	63	2	38	36	2	79	78	1	11	10	1
Bronchopneumonia, organism unspecified (485)	74	72	2	47	45	2	151	148	2	9	8	-
Pneumonia due to other and unspecified organism (483,486)	1,110	1,071	9	528	509	19	1,338	1,320	14	83	83	-
Influenza (487)	54	51	1	15	15	-	59	59	-	9	9	-
Chronic obstructive pulmonary diseases and allied conditions (490-496)	1,890	1,825	30	885	857	26	1,527	1,494	24	202	200	-
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	466	448	7	191	187	3	456	443	10	39	39	-
Bronchitis, not specified as acute or chronic (490)	12	12	-	5	5	-	12	11	-	2	2	-
Chronic bronchitis (491)	37	35	-	32	32	-	43	42	1	2	2	-
Emphysema (492)	318	312	4	119	116	2	305	299	5	25	25	-
Asthma (493)	99	89	3	35	34	1	96	91	4	10	10	-
Bronchiectasis and extrinsic allergic alveolitis (494-495)	23	22	-	10	10	-	16	14	1	4	3	-
Chronic airways obstruction, not elsewhere classified (496)	1,401	1,355	23	684	660	23	1,055	1,037	13	159	158	-
Pneumoconioses and other lung diseases due to external agents (500-508)	150	147	3	153	144	9	195	190	4	11	11	-
Empyema and abscess of lung and mediastinum (510,513)	4	3	1	3	3	-	17	16	1	1	1	-
Pleurosis (511)	14	14	-	13	12	1	11	10	-	-	-	-
All other diseases of respiratory system (512,514-519)	199	186	4	127	124	3	238	228	6	25	25	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
IX. Diseases of the digestive system (520-579)	1,335	1,252	33	645	623	22	1,429	1,370	43	123	119	-
Diseases of oral cavity, salivary glands, and jaws (520-529)	4	4	-	1	1	-	2	2	-	-	-	-
Diseases of other parts of the digestive system (530-579)	1,331	1,248	33	644	622	22	1,427	1,368	43	123	119	-
Ulcer of stomach and duodenum (531-533)	117	116	1	49	49	-	108	104	2	11	11	-
Gastric ulcer (531)	36	36	-	17	17	-	36	33	1	5	5	-
Duodenal ulcer (532)	33	32	1	18	18	-	33	32	1	1	1	-
Peptic ulcer, site unspecified (533)	48	48	-	14	14	-	39	39	-	5	5	-
Gastritis and duodenitis (535)	14	14	-	6	6	-	12	12	-	-	-	-
Appendicitis (540-543)	5	3	2	2	2	-	7	7	-	1	1	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	106	104	1	47	44	3	121	118	1	12	12	-
Regional enteritis and idiopathic proctocolitis (555-556)	9	9	-	9	8	1	19	19	-	-	-	-
All other noninfective gastroenteritis and colitis (557-558)	178	172	3	62	59	3	183	175	7	15	15	-
Diverticula of intestine (562)	52	52	-	35	35	-	67	66	1	4	3	-
Chronic liver disease and cirrhosis (571)	457	406	16	181	173	8	416	391	16	39	36	-
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	203	172	6	79	74	5	226	210	12	25	22	-
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	29	28	-	9	9	-	18	16	1	2	2	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	225	206	10	93	90	3	172	165	3	12	12	-
Cholelithiasis and other disorders of gallbladder (574-575)	41	40	-	39	38	1	65	64	-	6	6	-
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	352	332	10	214	208	6	429	412	16	35	35	-
X. Diseases of the genitourinary system (580-629)	337	315	7	382	360	22	727	682	36	62	62	-
Diseases of urinary system (580-599)	325	303	7	376	354	22	708	665	35	56	56	-
Nephritis, nephrotic syndrome, and nephrosis (580-589)	159	143	7	224	205	19	366	336	24	35	35	-
Acute glomerulonephritis (580)	2	2	-	2	-	-	2	2	-	-	-	-
Nephrotic syndrome (581)	6	5	1	2	2	-	6	3	3	-	-	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	30	25	2	12	11	1	26	24	2	3	3	-
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	121	111	4	210	192	18	332	307	19	32	32	-
Infections of kidney (590)	27	26	-	12	12	-	28	27	1	4	4	-
Urinary calculus (592,594)	8	7	-	3	3	-	9	9	-	-	-	-
All other diseases of urinary system (591,593,595-599)	131	127	-	137	134	3	305	293	10	17	17	-
Diseases of male genital organs (600-609)	9	9	-	4	4	-	12	12	-	5	5	-
Hyperplasia of prostate (600)	7	7	-	2	2	-	9	9	-	3	3	-
Other diseases of male genital organs (601-608)	2	2	-	2	2	-	3	3	-	2	2	-
Disorders of breast (610-611)	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	3	3	-	2	2	-	7	5	1	1	1	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	2	2	-	3	2	1	7	6	-	-	-	-
Pregnancy with abortive outcome (630-638)	-	-	-	-	-	-	1	1	-	-	-	-
Ectopic pregnancy (633)	-	-	-	-	-	-	-	1	-	-	-	-
Spontaneous abortion (634)	-	-	-	-	-	-	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)	2	2	-	3	2	1	5	4	-	-	-	-
Hemorrhage of pregnancy and childbirth (640-641,666)	2	2	-	-	-	-	1	1	-	-	-	-
Toxemia of pregnancy (642.4-642.9,643)	-	-	-	1	1	-	-	1	-	-	-	-
Obstructed labor (660)	-	-	-	-	-	-	2	1	-	-	-	-
Complications of the puerperium (670-676)	-	-	-	1	-	1	-	-	-	-	-	-
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	-	-	-	-
Delivery in a completely normal case (650)	-	-	-	-	-	-	-	-	-	-	-	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	30	29	1	21	19	2	50	47	3	2	2	-
Infections of skin and subcutaneous tissue (680-686)	6	6	-	7	6	1	15	15	-	1	1	-
All other diseases of skin and subcutaneous tissue (690-709)	24	23	1	14	13	1	35	32	3	1	1	-
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	119	114	2	63	61	2	187	179	6	19	19	-
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	23	22	-	14	14	-	58	57	-	6	6	-
Other arthropathies and related disorders (710-712,715-719)	48	45	2	28	27	1	79	72	6	9	9	-
Dorsopathies (720-724)	3	3	-	-	-	-	4	4	-	-	-	-
Rheumatism, excluding the back (725-729)	9	9	-	5	5	-	7	7	-	-	-	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	36	35	-	16	15	1	39	39	-	4	4	-
XIV. Congenital anomalies (740-759)	254	230	15	99	95	4	287	256	19	22	21	-
Spina bifida (741)	4	4	-	-	-	-	4	3	-	-	-	-
All other congenital anomalies of nervous system (740,742)	30	26	1	10	10	-	36	32	4	2	2	-
Congenital anomalies of heart (745-746)	63	76	6	41	38	3	89	82	5	8	8	-
Other congenital anomalies of circulatory system (747)	18	17	1	8	8	-	26	23	2	1	-	-
All other congenital anomalies (743-744,748-759)	119	107	7	40	39	1	132	116	8	11	11	-

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Table 1-25. Deaths From 282 Selected Causes, by Race: United States and Each State: 1989-Con.

(Page 65 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 †	White	Black	All races †	White	Black	All races †	White	Black	All races †	White	Black
XV. Certain conditions originating in the perinatal period (760-779)	254	213	28	87	84	3	251	188	57	26	24	-
Birth trauma (767)	4	4	-	-	-	-	5	3	2	-	-	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	67	58	4	20	20	-	58	46	10	3	2	-
Other conditions originating in the perinatal period (760-766,770-779)	183	151	24	67	64	3	188	139	45	23	22	-
XVI. Symptoms, signs, and ill-defined conditions (780-799)	281	239	16	164	157	6	183	151	25	45	44	-
Senility without mention of psychosis (797)	12	12	-	6	5	1	5	5	-	8	8	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	269	227	16	158	152	5	178	146	25	37	36	-
Supplementary classification of external causes of injury and poisoning (E800-E999)	2,726	2,460	114	1,279	1,218	59	2,532	2,303	186	321	303	1
Accidents and adverse effects (E800-E949)	1,703	1,565	50	893	858	34	1,712	1,605	78	211	201	1
Transport accidents (E800-E849)	947	868	20	493	478	14	893	839	34	123	117	-
Railway accidents (E800-E807)	12	11	-	5	5	-	7	7	-	3	3	-
Motor vehicle accidents (E810-E825)	859	784	18	480	468	11	856	802	34	114	108	-
Motor vehicle traffic accidents (E810-E819)	824	752	18	470	458	11	826	772	34	108	103	-
Involving collision with train (E810)	7	7	-	1	1	-	7	7	-	1	1	-
Involving collision with another motor vehicle (E811-E812)	347	324	6	196	193	3	406	377	17	36	33	-
Involving collision with pedestrian (E814)	107	91	4	36	34	2	82	72	6	4	3	-
Involving collision with other vehicle or object (E813,E815)	55	53	-	55	54	1	112	104	6	8	8	-
Not involving collision on highway (E816-E818)	297	266	8	110	108	2	205	198	5	51	50	-
Motor vehicle traffic accident of unspecified nature (E819)	11	11	-	132	128	3	14	14	-	8	8	-
Motor vehicle nontraffic accidents (E820-E825)	35	32	-	10	10	-	30	30	-	6	5	-
Other road vehicle accidents (E826-E829)	9	8	1	-	-	-	4	4	-	-	-	-
Water transport accidents (E830-E839)	31	30	1	5	2	3	19	19	-	1	1	-
Air and space transport accidents (E840-E845)	36	35	-	2	2	-	6	6	-	5	5	-
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	1	1	-	1	1	-	-	-	-
Accidental poisoning (E850-E869)	130	113	12	41	39	2	91	81	9	8	8	-
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	102	87	12	27	25	2	54	46	8	5	5	-
Accidental poisoning by other solid or liquid substances (E860-E866)	9	9	-	1	1	-	9	8	1	-	-	-
Accidental poisoning by gases and vapors (E867-E869)	19	17	-	13	13	-	28	27	-	3	3	-
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	32	30	2	29	26	3	26	23	2	7	7	-
Accidental falls (E880-E889)	245	238	2	118	114	4	314	308	5	28	27	-
Fall from one level to another (E880-E884)	63	63	-	32	31	1	86	83	2	9	9	-
Fall on same level (E885-E886)	18	15	-	5	4	1	11	11	-	1	1	-
Fracture, cause unspecified, and other and unspecified falls (E887-E889)	164	160	2	81	79	2	217	214	3	18	17	-
Accidents caused by fire and flames (E890-E899)	57	53	2	51	48	3	87	71	13	13	11	1
Other accidents, including late effects (E900-E929)	288	259	12	160	153	7	301	283	13	30	29	-
Lightning (E907)	-	-	-	1	1	-	-	-	-	-	-	-
Accidental drowning and submersion (E910)	80	68	5	22	19	3	55	46	6	5	4	-
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	44	39	1	33	32	1	63	59	4	5	5	-
Accident caused by handgun (E922.0)	7	5	2	1	1	-	7	7	-	-	-	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	8	7	-	13	13	-	15	13	-	1	1	-
Accident caused by explosive material (E923)	2	2	-	5	5	-	2	2	-	2	2	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	1	1	-	1	1	-	3	2	1	-	-	-
Accident caused by electric current (E925)	8	8	-	9	9	-	10	10	-	-	-	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	138	129	4	75	72	3	146	144	2	17	17	-
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	4	4	-	1	-	1	-	-	-	2	2	-
Suicide (E950-E959)	648	600	17	231	225	6	597	576	16	82	79	-
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	85	81	1	16	15	1	60	57	2	5	5	-
Suicide by other solid or liquid substances (E950.6-E950.9)	3	3	-	2	2	-	2	2	-	-	-	-
Suicide by gases and vapors (E951-E952)	51	50	-	14	14	-	77	75	1	1	1	-
Suicide by hanging, strangulation, and suffocation (E953)	84	76	3	19	18	1	96	88	7	3	2	-
Suicide by handgun (E955.0)	147	136	7	9	9	-	135	130	4	22	21	-
Suicide by all other and unspecified firearms (E955.1-E955.4)	229	216	2	166	162	4	187	185	1	48	47	-
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	49	38	4	5	5	-	40	39	1	3	3	-
Homicide and legal intervention (E960-E978)	238	178	35	138	119	18	187	89	94	22	17	-
Assault by handgun (E965.0)	8	8	-	2	2	-	53	19	33	1	-	-
Assault by all other and unspecified firearms (E965.1-E965.4)	122	88	25	84	76	8	55	25	28	6	6	-
Assault by cutting and piercing instrument (E966)	49	34	8	23	17	6	24	11	13	10	8	-
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	55	45	1	28	23	4	52	32	19	5	3	-
Legal execution (E978)	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	4	3	1	1	1	-	3	2	1	-	-	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	137	117	12	17	16	1	35	32	-	6	6	-
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	88	74	11	4	4	-	7	7	-	2	2	-
From poisoning by other solid or liquid substances (E980.6-E980.9)	1	1	-	1	1	-	-	-	-	-	-	-
From injury by handgun (E985.0)	3	3	-	-	-	-	-	-	-	1	1	-
From injury by all other and unspecified firearms (E985.1-E985.4)	5	5	-	2	2	-	1	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)	40	34	1	10	9	1	27	24	-	1	1	-
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-	1	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, 1989

(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	2,150,466	1,114,190	1,036,276	1,853,841	950,852	902,989	267,642	146,393	121,249	8,614	5,066	3,548
I. Infectious and parasitic diseases (001-139)	52,851	34,816	18,035	39,148	25,665	13,483	12,926	8,632	4,294	209	121	88
Intestinal infectious diseases (001-009)	463	231	232	345	168	177	104	53	51	4	3	1
Cholera and typhoid and paratyphoid fevers (001-002)	1	1	-	1	1	-	-	-	-	-	-	-
Shigellosis (004)	16	5	11	9	3	6	5	1	4	1	-	1
Other salmonella infections and other food poisoning (bacterial) (003,005)	103	49	54	80	41	39	20	5	15	2	2	-
Amebiasis (006)	4	4	-	3	3	-	1	1	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	174	76	98	152	66	86	20	8	12	1	1	-
Ill-defined intestinal infections (009)	165	96	69	100	54	46	58	38	20	-	-	-
Tuberculosis (010-018)	1,970	1,284	686	1,152	724	428	707	485	222	38	24	14
Tuberculosis of respiratory system (010-012)	1,536	1,042	494	927	600	327	533	386	147	25	16	9
Other tuberculosis (013-018)	434	242	192	225	124	101	174	99	75	13	8	5
Zoonotic and other bacterial diseases (020-041)	20,551	9,144	11,407	16,562	7,265	9,297	3,746	1,750	1,996	80	37	43
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	12	4	8	10	3	7	2	1	1	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	17	6	11	16	5	11	1	1	-	-	-	-
Meningococcal infection (036)	273	127	146	214	103	111	50	22	28	7	-	7
Tetanus (037)	9	3	6	7	2	5	2	1	1	-	-	-
Septicemia (038)	19,333	8,489	10,844	15,557	6,728	8,829	3,555	1,643	1,912	71	36	35
All other bacterial diseases (020-022,024-031,039-041)	907	515	392	758	424	334	136	82	54	2	1	1
Viral diseases (*042-*044,045-079)	25,182	21,490	3,692	17,677	15,571	2,106	7,191	5,671	1,520	62	44	18
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (055)	32	16	16	18	10	8	11	6	5	-	-	-
Rubella (056)	4	3	1	4	3	1	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	1	1	-	1	1	-	-	-	-	-	-	-
Viral hepatitis (070)	1,516	906	610	1,232	744	488	206	106	100	11	8	3
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	23,629	20,564	3,065	16,422	14,813	1,609	6,974	5,559	1,415	51	36	15
Rickettsioses and other arthropod-borne diseases (080-088)	29	17	12	23	15	8	5	2	3	-	-	-
Typhus and other rickettsioses (080-083)	11	6	5	9	6	3	2	1	2	-	-	-
Malana (084)	11	7	4	8	6	2	2	1	1	-	-	-
All other arthropod-borne diseases (085-088)	7	4	3	6	3	3	1	1	-	-	-	-
Syphilis and other venereal diseases (090-099)	113	70	43	52	32	20	59	36	23	-	-	-
Syphilis (090-097)	105	65	40	47	27	20	56	36	20	-	-	-
Cardiovascular syphilis (093)	14	7	7	7	2	5	6	4	2	-	-	-
Neurosyphilis (094)	47	31	16	20	9	11	26	21	5	-	-	-
All other syphilis (090-091,095-097)	44	27	17	20	16	4	24	11	13	-	-	-
Gonococcal infections (098)	4	2	2	2	2	-	2	-	2	-	-	-
Other venereal diseases (099)	4	3	1	3	3	-	1	-	1	-	-	-
Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)	4,543	2,580	1,963	3,337	1,890	1,447	1,114	635	479	25	13	12
Mycoses (110-118)	2,389	1,349	1,040	1,862	1,041	821	475	278	197	18	8	10
Helminthiasis (120-129)	39	29	10	31	23	8	6	4	2	-	-	-
Late effects of tuberculosis (137)	195	96	99	160	74	86	25	16	9	1	1	-
Late effects of acute poliomyelitis (138)	162	92	70	159	89	70	3	3	-	-	-	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	1,758	1,014	744	1,125	663	462	605	334	271	6	4	2
II. Neoplasms (140-239)	502,853	266,357	236,496	440,014	230,986	209,028	56,306	31,773	24,533	1,341	714	627
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	496,152	263,309	232,843	434,156	228,301	205,855	55,564	31,452	24,112	1,318	706	612
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	8,104	5,340	2,764	6,693	4,293	2,400	1,251	939	312	23	13	10
Of lip (140)	108	82	26	104	81	23	3	1	2	-	-	-
Of tongue (141)	1,904	1,237	667	1,574	994	580	309	229	80	4	3	1
Of pharynx (146-149.0)	3,828	2,681	1,147	3,055	2,074	981	658	519	139	13	8	5
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,148.1-149.9)	2,264	1,340	924	1,960	1,144	816	281	190	91	6	2	4
Malignant neoplasms of digestive organs and peritoneum (150-159)	119,663	63,209	56,454	102,769	53,895	48,874	14,698	7,988	6,710	368	191	177
Of esophagus (150)	9,637	7,154	2,483	7,469	5,531	1,938	2,047	1,524	523	20	17	3
Of stomach (151)	14,186	8,520	5,666	11,449	6,636	4,613	2,249	1,390	859	54	28	26
Of small intestine, including duodenum (152)	891	478	413	767	419	348	115	55	60	2	-	2
Of colon (153)	48,612	23,674	24,938	43,012	21,021	21,991	5,048	2,345	2,703	105	52	53
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	300	126	174	275	117	158	19	7	12	1	1	-
Descending colon (153.2)	242	122	120	207	102	105	26	13	13	1	-	1
Sigmoid colon (153.3)	1,215	593	622	1,088	520	568	104	57	47	1	1	-
Cecum, appendix, and ascending colon (153.4-153.6)	1,843	788	1,055	1,660	702	958	163	75	88	2	2	-
Other and colon, unspecified (153.8-153.9)	45,012	22,045	22,967	39,782	19,580	20,202	4,736	2,193	2,543	100	48	52
Of rectum, rectosigmoid junction, and anus (154)	7,649	4,096	3,553	6,795	3,627	3,168	720	381	339	24	16	8
Of liver and intrahepatic bile ducts (155)	7,988	4,887	3,101	6,511	3,902	2,609	1,042	674	368	52	27	25
Liver, primary (155.0)	3,666	2,527	1,139	2,875	1,967	908	512	349	163	23	10	13
Intrahepatic bile ducts (155.1)	1,231	616	615	1,116	548	568	77	45	32	10	8	2
Liver, not specified as primary or secondary (155.2)	3,091	1,744	1,347	2,520	1,397	1,133	453	280	173	19	9	10
Of gallbladder and extrahepatic bile ducts (156)	4,031	1,496	2,535	3,627	1,342	2,285	317	117	200	33	12	21
Of pancreas (157)	24,543	11,965	12,578	21,236	10,386	10,850	2,954	1,403	1,551	74	37	37
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	2,126	939	1,187	1,903	831	1,072	206	99	107	4	2	2
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	142,281	92,914	49,367	125,274	80,821	44,453	15,528	11,116	4,412	348	226	122
Of larynx (161)	3,729	2,961	768	3,037	2,377	660	666	565	101	6	3	3
Of trachea, bronchus, and lung (162)	137,150	89,052	48,098	121,023	77,659	43,364	14,703	10,457	4,246	339	221	118
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	1,402	901	501	1,214	785	429	159	94	65	3	2	1

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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
All causes	5,032	2,895	2,137	3,988	1,998	1,990	1,206	691	515	4,082	2,801	1,281	5,734	3,303	2,431
I. Infectious and parasitic diseases (001-139)	133	91	42	78	43	35	30	21	9	118	96	22	189	132	57
Intestinal infectious diseases (001-009)	-	-	-	-	-	-	1	-	1	2	2	-	7	5	2
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amebiasis (006)	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Intestinal infections due to other specified organisms (007-008)	-	-	-	-	-	-	1	-	1	1	1	-	5	3	2
Ill-defined intestinal infections (009)	25	15	10	2	2	-	-	-	-	17	14	3	27	19	8
Tuberculosis (010-018)	13	10	3	2	2	-	-	-	-	12	10	2	23	17	6
Tuberculosis of respiratory system (010-012)	12	5	7	-	-	-	-	-	-	5	4	1	4	2	2
Other tuberculosis (013-018)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zoonotic and other bacterial diseases (020-041)	42	25	17	32	11	21	10	4	6	33	25	8	45	26	19
Brucellosis (023)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-
Tetanus (037)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (039)	40	23	17	27	7	20	9	4	5	31	23	8	42	24	18
All other bacterial diseases (020-022,024-031,039-041)	1	1	-	4	3	1	1	-	1	2	2	-	3	2	1
Viral diseases (*042-*044,045-079)	50	42	8	31	22	9	15	15	-	56	48	8	88	67	21
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (050)	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
Measles (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	21	17	4	9	6	3	-	-	-	5	3	2	30	21	9
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	29	25	4	22	16	6	15	15	-	51	45	6	55	46	9
Rickettsioses and other arthropod-borne diseases (080-089)	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Typhus and other rickettsioses (080-083)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
All other arthropod-borne diseases (085-089)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-
Syphilis (090-097)	-	-	-	-	-	-	-	-	-	1	1	-	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)	16	9	7	13	8	5	4	2	2	9	6	3	20	14	6
Mycoses (110-118)	9	6	3	8	5	3	3	1	2	4	3	1	7	5	2
Helminthiasis (120-129)	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-
Late effects of tuberculosis (137)	2	1	1	3	2	1	-	-	-	-	-	-	4	2	2
Late effects of acute poliomyelitis (138)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)	4	1	3	2	1	1	1	1	-	5	3	2	8	6	2
II. Neoplasms (140-239)	1,439	857	582	1,140	572	568	272	138	134	921	538	383	1,362	749	613
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1,425	851	574	1,124	566	558	265	134	131	907	532	375	1,336	738	598
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	62	49	13	14	8	6	6	3	3	25	13	12	30	22	8
Of lip (140)	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Of tongue (141)	4	3	1	3	2	1	-	-	-	2	-	2	8	6	2
Of pharynx (146-148.0)	54	44	10	6	4	2	4	3	1	17	13	4	21	16	5
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	3	2	1	5	2	3	2	-	2	6	-	6	1	-	1
Malignant neoplasms of digestive organs and peritoneum (150-159)	511	341	170	472	246	226	68	38	30	246	165	81	516	336	180
Of esophagus (150)	28	23	5	29	26	3	7	6	1	15	12	3	21	14	7
Of stomach (151)	86	58	28	139	76	63	14	6	8	29	17	12	161	106	55
Of small intestine, including duodenum (152)	4	2	2	-	-	-	-	-	-	-	-	-	3	2	1
Of colon (153)	147	89	58	121	57	64	19	10	9	78	51	27	80	48	32
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)	-	-	-	2	-	2	-	-	-	2	2	1	1	1	-
Descending colon (153.2)	2	2	-	1	1	-	-	-	-	3	2	1	2	2	-
Sigmoid colon (153.3)	6	4	2	7	4	3	-	-	-	7	5	2	2	2	-
Cecum, appendix, and ascending colon (153.4-153.6)	4	2	2	6	3	3	2	1	1	2	2	-	4	1	3
Other and colon, unspecified (153.8-153.9)	135	81	54	105	49	56	17	9	8	64	42	22	71	42	29
Of rectum, rectosigmoid junction, and sigmoid (154)	21	15	6	41	22	19	6	4	2	21	15	6	21	16	5
Of liver and intrahepatic bile ducts (155)	138	106	32	38	20	18	7	5	2	50	42	8	150	111	39
Liver, primary (155.0)	96	81	15	27	15	12	4	2	2	36	30	6	93	73	20
Intrahepatic bile ducts (155.1)	8	2	6	5	4	1	-	-	-	3	2	1	12	7	5
Liver, not specified as primary or secondary (155.2)	34	23	11	6	1	5	3	3	-	11	10	1	45	31	14
Of gallbladder and extrahepatic bile ducts (156)	15	7	8	15	6	9	4	4	-	10	5	5	9	2	7
Of pancreas (157)	68	41	27	84	36	48	11	3	8	42	22	20	68	34	34
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	4	-	4	5	3	2	-	-	-	1	1	-	3	3	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	389	253	136	229	150	79	75	46	29	190	138	52	238	157	81
Of larynx (161)	9	9	-	4	3	1	1	1	-	2	1	1	4	2	2
Of trachea, bronchus, and lung (162)	373	239	134	217	139	78	74	45	29	182	133	49	230	152	78
Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	7	5	2	8	8	-	-	-	-	6	4	2	4	3	1

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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
Malignant neoplasms, etc.—Con.												
Malignant neoplasms of bone, connective tissue, skin, and												
breast (170-175)	55,559	7,630	47,929	49,781	7,096	42,685	5,215	470	4,745	113	14	99
Of bone and articular cartilage (170)	1,074	608	466	946	544	402	107	55	52	7	3	4
Of connective and other soft tissue (171)	2,997	1,453	1,544	2,601	1,263	1,338	348	166	182	8	6	2
Melanoma of skin (172)	6,161	3,736	2,425	6,027	3,676	2,351	109	46	63	5	3	2
Other malignant neoplasms of skin (173)	2,189	1,532	657	1,954	1,348	606	213	168	45	3	2	1
Of female breast (174)	42,837	...	42,837	37,988	...	37,988	4,403	...	4,403	90	...	90
Of male breast (175)	301	301	...	265	265	...	35	35	...	...	...	...
Malignant neoplasms of genital organs (179-187)	54,952	31,141	23,811	46,572	26,027	20,545	7,762	4,840	2,922	146	74	72
Of cervix uteri (180)	4,487	...	4,487	3,321	...	3,321	1,049	...	1,049	31	...	31
Of other parts of uterus (179,181-182)	5,867	...	5,867	4,920	...	4,920	873	...	873	12	...	12
Of ovary and other uterine adnexa (183)	12,431	...	12,431	11,389	...	11,389	901	...	901	26	...	26
Of other and unspecified female genital organs (184)	1,026	...	1,026	915	...	915	99	...	99	3	...	3
Of prostate (185)	30,520	30,520	...	25,469	25,469	...	4,785	4,785	...	71	71	...
Of testis (186)	392	392	...	359	359	...	28	28	...	2	2	...
Of penis and other male genital organs (187)	229	229	...	199	199	...	27	27	...	1	1	...
Malignant neoplasms of urinary organs (188-189)	20,233	12,976	7,257	18,307	11,850	6,457	1,741	1,009	732	60	39	21
Of bladder (188)	10,121	6,843	3,278	9,193	6,308	2,885	853	484	369	14	12	2
Of kidney and other and unspecified urinary organs (189)	10,112	6,133	3,979	9,114	5,542	3,572	888	525	363	46	27	19
Malignant neoplasms of other and unspecified sites (190-199)	48,609	25,298	23,311	42,854	22,173	20,681	5,134	2,788	2,346	145	80	65
Of eye (190)	251	115	136	233	104	129	16	10	6	1	1	...
Of brain (191)	10,813	5,886	4,927	10,090	5,499	4,591	605	321	284	29	17	12
Of other and unspecified parts of nervous system (192)	317	160	157	282	142	140	29	14	15	1	1	...
Of thyroid gland and other endocrine glands and related structures (193-194)	1,661	724	937	1,451	645	806	175	64	111	8	4	4
Of all other and unspecified sites (195-199)	35,567	18,413	17,154	30,798	15,783	15,015	4,309	2,379	1,930	106	57	49
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	46,751	24,801	21,950	41,906	22,146	19,760	4,235	2,302	1,933	115	69	46
Lymphosarcoma and reticulosarcoma (200)	2,317	1,231	1,086	2,168	1,143	1,025	118	68	50	7	5	2
Hodgkin's disease (201)	1,721	1,007	714	1,533	892	641	173	107	66	4	2	2
Other malignant neoplasms of lymphoid and histiocytic tissue (202)	15,880	8,189	7,691	14,665	7,500	7,165	1,017	575	442	29	12	17
Multiple myeloma and immunoproliferative neoplasms (203)	8,587	4,335	4,252	7,106	3,600	3,506	1,387	684	703	30	20	10
Leukemia (204-208)	18,246	10,039	8,207	16,434	9,011	7,423	1,540	868	672	45	30	15
Lymphoid leukemia (204)	5,390	3,105	2,285	4,867	2,805	2,062	468	271	197	9	7	2
Myeloid leukemia (205)	7,477	4,069	3,408	6,721	3,641	3,080	626	351	275	26	17	9
Monocytic leukemia (206)	278	151	127	254	137	117	20	12	8	...	...	...
Other and unspecified leukemia (207-208)	5,101	2,714	2,387	4,592	2,428	2,164	426	234	192	10	6	4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6,701	3,048	3,653	5,858	2,685	3,173	742	321	421	23	8	15
Benign neoplasms (210-229)	1,455	569	887	1,195	460	735	231	95	136	5	1	4
Of female genital organs (218-221)	24	...	24	16	...	16	8	...	8	...	...	...
Of eye, brain, and other parts of nervous system (224-225)	922	321	601	774	271	503	133	45	88	2	...	2
Of all other and unspecified sites (210-217,222-223,226-229)	510	248	262	405	189	216	90	50	40	3	1	2
Carcinoma in situ (230-234)	10	5	5	10	5	5	...	...	...	...	...	...
Of breast and genitourinary system (233)	5	2	3	5	2	3	...	...	...	...	...	...
Of all other and unspecified sites (230-232,234)	5	3	2	5	3	2	...	...	...	...	...	...
Neoplasms of uncertain behavior (235-238)	1,662	821	841	1,503	748	755	136	66	70	8	2	6
Neoplasms of unspecified nature (239)	3,573	1,653	1,920	3,150	1,472	1,678	375	160	215	10	5	5
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	62,686	26,530	36,156	51,180	21,856	29,324	10,503	4,201	6,302	423	183	240
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	59,640	25,432	34,208	48,609	20,961	27,648	10,060	4,013	6,047	408	177	231
Disorders of thyroid gland (240-246)	887	191	696	745	156	589	134	32	102	4	2	2
Diabetes mellitus (250)	46,833	19,730	27,103	38,053	16,282	21,771	7,955	3,072	4,883	366	155	211
Disorders of the pituitary gland and its hypothalamic control (253)	198	80	118	169	71	98	25	8	17	1	...	1
Diseases of thymus gland (254)	10	6	4	7	5	2	2	...	2	...	...	...
Disorders of adrenal glands (255)	219	83	136	193	69	124	24	14	10	...	...	...
Cystic fibrosis (277.0)	428	222	206	404	212	192	23	10	13	...	...	...
Obesity (278.0)	1,339	578	761	1,030	476	554	296	96	200	10	6	4
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	9,726	4,542	5,184	8,008	3,690	4,318	1,601	781	820	27	14	13
Nutritional deficiencies (260-269)	3,046	1,098	1,948	2,571	895	1,676	443	188	255	15	6	9
Nutritional marasmus (261)	308	142	166	238	108	130	65	33	32	3	...	3
Other protein-calorie malnutrition (262-263)	2,525	876	1,649	2,157	721	1,436	345	143	202	11	6	5
All other nutritional deficiencies (260,264-269)	213	80	133	176	66	110	33	12	21	1	...	1
IV. Diseases of blood and blood-forming organs (280-289)	8,590	4,152	4,438	7,067	3,403	3,664	1,401	695	706	23	14	9
Anemias (280-285)	3,993	1,688	2,305	3,089	1,267	1,822	852	401	451	4	2	2
Deficiency anemias (280-281)	273	90	183	239	73	166	32	16	16	1	...	1
Hemolytic anemias (282-283)	810	362	448	358	143	215	438	214	224	...	...	...
Aplastic anemia (284)	1,282	614	668	1,144	543	601	114	63	51	...	...	...
Other and unspecified anemias (285)	1,628	622	1,006	1,348	508	840	268	108	160	3	2	1
Purpura and other hemorrhagic conditions (287)	754	361	393	631	307	324	100	46	54	8	4	4
All other diseases of blood and blood-forming organs (286,288-289)	3,843	2,103	1,740	3,347	1,829	1,518	449	248	201	11	8	3
V. Mental disorders (290-319)	25,192	12,102	13,090	21,146	9,532	11,614	3,694	2,353	1,341	221	159	62
Senile and presenile organic psychotic conditions (290)	8,101	2,793	5,308	7,504	2,534	4,970	540	231	309	11	6	5
Alcoholic psychoses (291)	403	342	61	276	235	41	113	96	17	12	10	2
All other psychoses (292-299)	3,668	1,401	2,267	3,309	1,235	2,074	320	149	171	14	6	8
Alcohol dependence syndrome (303)	4,936	3,831	1,105	3,352	2,597	755	1,448	1,129	319	124	95	29
Drug dependence (304)	515	388	127	326	256	70	183	129	54	4	2	2
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	7,173	3,104	4,069	6,038	2,459	3,579	1,042	595	447	54	39	15
Mental retardation (317-319)	396	243	153	341	216	125	48	24	24	2	1	1

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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
Malignant neoplasms, etc.—Con.															
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	79	6	73	90	8	82	33	3	30	110	14	96	133	19	114
Of bone and articular cartilage (170).....	1	—	1	—	—	—	1	1	—	4	2	2	8	3	5
Of connective and other soft tissue (171).....	8	3	5	3	1	2	3	—	3	9	7	2	17	7	10
Melanoma of skin (172).....	7	2	5	2	2	—	1	—	1	2	2	—	8	5	3
Other malignant neoplasms of skin (173).....	1	1	—	7	5	2	2	2	—	3	2	1	6	4	2
Of female breast (174).....	62	...	62	78	...	78	26	...	26	91	...	91	94	...	94
Of male breast (175).....	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—
Malignant neoplasms of genital organs (179-187)	114	40	74	93	36	57	23	10	13	123	77	46	111	34	77
Of cervix uteri (180).....	19	...	19	10	...	10	2	...	2	12	...	12	41	...	41
Of other parts of uterus (179,181-182).....	22	...	22	9	...	9	7	...	7	13	...	13	8	...	8
Of ovary and other uterine adnexa (183).....	31	...	31	34	...	34	4	...	4	20	...	20	26	...	26
Of other and unspecified female genital organs (184).....	2	...	2	4	...	4	—	...	—	1	...	1	2	...	2
Of prostate (185).....	40	40	...	36	36	...	10	10	...	76	76	...	30	30	...
Of testis (186).....	—	—	—	—	—	—	—	—	—	—	—	—	3	3	...
Of penis and other male genital organs (187).....	—	—	—	—	—	—	—	—	—	1	1	...	1	1	...
Malignant neoplasms of urinary organs (188-189)	22	12	10	44	26	18	10	5	5	21	15	6	26	19	7
Of bladder (188).....	8	5	3	26	15	11	3	2	1	12	8	4	12	9	3
Of kidney and other and unspecified urinary organs (189).....	14	7	7	18	11	7	7	3	4	9	7	2	14	10	4
Malignant neoplasms of other and unspecified sites (190-199)	140	90	50	85	38	47	24	16	8	83	40	43	133	69	64
Of eye (190).....	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
Of brain (191).....	22	17	5	10	4	6	2	2	—	16	7	9	35	18	17
Of other and unspecified parts of nervous system (192).....	—	—	—	—	—	—	—	—	—	3	1	2	2	2	—
Of thyroid gland and other endocrine glands and related structures (193-194).....	8	5	3	1	—	1	1	1	—	10	2	8	7	3	4
Of all other and unspecified sites (195-199).....	110	68	42	73	34	39	21	13	8	54	30	24	89	46	43
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)	108	60	48	97	54	43	26	13	13	109	70	39	149	82	67
Lymphosarcoma and reticulosarcoma (200).....	6	4	2	5	2	3	3	2	1	5	4	1	5	3	2
Hodgkin's disease (201).....	1	1	—	4	1	3	1	—	1	3	2	1	2	2	—
Other malignant neoplasms of lymphoid and histiocytic tissue (202).....	38	22	16	43	25	18	8	5	3	33	21	12	42	25	17
Multiple myeloma and immunoproliferative neoplasms (203).....	13	4	9	8	4	4	4	2	2	19	11	8	19	9	10
Leukemia (204-208).....	50	29	21	37	22	15	10	4	6	49	32	17	81	43	38
Lymphoid leukemia (204).....	11	3	8	5	4	1	2	—	2	10	7	3	18	8	10
Myeloid leukemia (205).....	3	16	10	18	8	10	6	3	3	19	14	5	35	19	16
Monocytic leukemia (206).....	1	1	—	1	1	—	—	—	—	—	—	—	2	—	2
Other and unspecified leukemia (207-208).....	12	9	3	13	9	4	2	1	1	20	11	9	26	16	10
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	14	6	8	16	6	10	7	4	3	14	6	8	26	11	15
Benign neoplasms (210-229).....	3	2	1	6	2	4	3	2	1	5	3	2	8	4	4
Of female genital organs (218-221).....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Of eye, brain, and other parts of nervous system (224-225).....	—	...	—	3	2	1	1	—	1	5	3	2	4	—	4
Of all other and unspecified sites (210-217,222-223,226-229).....	3	2	1	3	—	3	2	2	—	—	—	—	4	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).....	2	1	1	3	1	2	2	1	1	4	1	3	4	1	3
Neoplasms of unspecified nature (239).....	9	3	6	7	3	4	2	1	1	5	2	3	14	6	8
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	127	55	72	115	58	57	54	28	26	137	85	52	136	60	76
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	123	55	68	109	54	55	54	28	26	134	82	52	132	58	74
Disorders of thyroid gland (240-246).....	1	—	1	—	—	—	—	—	—	1	—	1	2	1	1
Diabetes mellitus (250).....	105	44	61	91	45	46	45	21	24	102	62	40	105	45	60
Disorders of the pituitary gland and its hypothalamic control (253).....	1	—	1	1	1	—	—	—	—	1	—	1	—	—	—
Diseases of thymus gland (254).....	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—
Disorders of adrenal glands (255).....	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Cystic fibrosis (277.0).....	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Obesity (278.0).....	—	—	—	—	—	—	1	—	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).....	14	11	3	17	8	9	8	7	1	28	19	9	23	12	11
Nutritional deficiencies (260-269)	4	—	4	6	4	2	—	—	—	3	3	—	4	2	2
Nutritional marasmus (261).....	1	—	1	1	1	—	—	—	—	—	—	—	—	—	—
Other protein-calorie malnutrition (262-263).....	3	—	3	3	2	1	—	—	—	3	3	—	3	1	2
All other nutritional deficiencies (260,264-269).....	—	—	—	2	1	1	—	—	—	—	—	—	1	1	—
IV. Diseases of blood and blood-forming organs (280-289)	25	10	15	12	3	9	—	—	—	21	12	9	39	13	26
Anemias (280-285).....	9	2	7	6	2	4	—	—	—	15	8	7	18	6	12
Deficiency anemias (280-281).....	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—
Hemolytic anemias (282-283).....	2	1	1	1	—	1	—	—	—	5	3	2	6	1	5
Aplastic anemia (284).....	5	1	4	4	1	3	—	—	—	8	5	3	7	1	6
Other and unspecified anemias (285).....	2	—	2	—	—	—	—	—	—	2	—	2	5	4	1
Purpura and other hemorrhagic conditions (287).....	5	3	2	2	—	2	—	—	—	1	—	1	7	1	6
All other diseases of blood and blood-forming organs (286,288-289).....	11	5	6	4	1	3	—	—	—	5	4	1	14	6	8
V. Mental disorders (290-319)	29	11	18	51	19	32	6	2	4	16	12	4	26	12	14
Senile and presenile organic psychotic conditions (290).....	11	5	6	20	10	10	2	—	2	5	5	—	8	2	6
Alcoholic psychoses (291).....	—	—	—	2	1	1	—	—	—	—	—	—	—	—	—
All other psychoses (292-299).....	5	1	4	11	2	9	—	—	—	2	2	—	7	6	1
Alcohol dependence syndrome (303).....	—	—	—	4	3	1	2	2	—	3	2	1	2	2	—
Drug dependence (304).....	—	—	—	1	—	1	—	—	—	1	1	—	—	—	—
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316).....	10	4	6	12	2	10	2	—	2	5	2	3	8	2	6
Mental retardation (317-319).....	3	1	2	1	1	—	—	—	—	—	—	—	1	—	1

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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 †			White			Black			American Indian ‡		
	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)	38,486	18,650	19,836	34,558	16,603	17,955	3,550	1,845	1,705	137	72	65
Diseases of the nervous system (320-359)	38,381	18,610	19,771	34,475	16,572	17,903	3,532	1,839	1,693	134	69	65
Meningitis (320-322)	1,068	588	480	703	383	320	331	186	145	16	8	8
Parkinson's disease (332)	6,984	3,996	2,988	6,652	3,795	2,857	265	158	107	14	6	8
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	19,193	8,135	11,058	17,976	7,575	10,401	1,095	505	591	33	15	18
Multiple sclerosis (340)	1,679	633	1,046	1,509	580	929	162	51	111	3	1	2
Infantile cerebral palsy (343)	755	417	338	588	337	251	151	73	78	9	4	5
Epilepsy (345)	1,595	897	698	1,139	613	526	428	267	161	20	12	8
Other diseases of the nervous system (323-326,341-342,344,346-359)	7,107	3,944	3,163	5,908	3,289	2,619	1,099	599	500	39	23	16
Disorders of the eye and adnexa (360-379)	34	12	22	31	12	19	2	-	2	-	-	-
Diseases of the ear and mastoid process (380-389)	71	28	43	52	19	33	16	6	10	3	3	-
VII. Diseases of the circulatory system (390-459)	936,157	453,057	483,100	824,384	398,403	425,981	101,596	48,847	52,749	2,556	1,447	1,109
Rheumatic fever and rheumatic heart disease (390-398)	6,087	1,877	4,210	5,523	1,674	3,849	448	168	280	28	13	15
Acute rheumatic fever (390-392)	70	26	44	61	24	37	8	2	6	-	-	-
Chronic rheumatic heart disease (393-398)	6,017	1,851	4,166	5,462	1,650	3,812	440	166	274	28	13	15
Diseases of mitral valve (394)	2,748	791	1,957	2,502	710	1,792	180	66	114	12	4	8
Diseases of aortic valve (395)	209	96	113	188	89	99	18	4	14	2	2	-
Diseases of mitral and aortic valves (396)	1,041	369	672	927	318	609	98	41	57	4	4	-
All other chronic rheumatic heart disease (393,397-398)	2,019	595	1,424	1,845	533	1,312	144	55	89	10	3	7
Hypertensive disease (401-404)	32,114	13,648	18,466	23,354	9,559	13,795	8,333	3,860	4,473	86	40	46
Essential hypertension (401)	4,392	1,761	2,631	3,389	1,316	2,073	952	420	532	8	2	6
Hypertensive heart disease (402)	20,963	8,923	12,040	15,012	6,092	8,930	5,680	2,688	2,992	48	26	22
Hypertensive renal disease (403)	4,374	2,010	2,364	3,260	1,503	1,757	1,045	472	573	20	11	9
Hypertensive heart and renal disease (404)	2,385	954	1,431	1,693	658	1,035	656	280	376	10	1	9
Ischemic heart disease (410-414)	498,021	257,524	240,497	451,808	234,365	217,443	41,376	20,243	21,133	1,299	778	521
Acute myocardial infarction (410)	246,950	134,298	112,652	223,228	122,228	101,000	21,198	10,545	10,653	729	440	269
Other acute and subacute forms of ischemic heart disease (411)	3,376	1,902	1,474	2,843	1,608	1,235	496	271	225	24	16	8
Angina pectoris (413)	1,066	474	592	958	424	534	96	44	52	2	2	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	246,629	120,850	125,779	224,779	110,105	114,674	19,586	9,383	10,203	544	320	224
Diseases of pulmonary circulation (415-417)	11,966	5,433	6,533	9,889	4,490	5,399	1,974	885	1,089	40	17	23
Other forms of heart disease (420-429)	194,445	93,491	100,954	164,941	78,128	86,813	27,297	14,057	13,240	619	349	270
Acute and subacute endocarditis (421)	955	535	420	717	393	324	220	132	88	5	1	4
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	828	447	381	651	350	301	166	91	75	3	1	2
Other diseases of endocardium (424)	12,185	5,300	6,885	11,206	4,833	6,373	860	402	458	31	15	16
Mitral valve disorders (424.0)	1,848	664	1,184	1,688	604	1,084	142	49	93	2	2	-
Aortic valve disorders (424.1)	7,677	3,577	4,100	7,139	3,299	3,840	468	236	232	17	9	8
All other diseases of endocardium (424.2-424.9)	2,660	1,059	1,601	2,379	930	1,449	250	117	133	12	4	8
Heart failure (428)	38,817	15,556	23,261	34,408	13,678	20,730	4,082	1,711	2,371	116	51	65
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	1,352	674	678	1,091	545	546	239	117	122	2	-	2
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	140,308	70,979	69,329	116,868	58,329	58,539	21,730	11,604	10,126	462	281	181
Cerebrovascular diseases (430-438)	145,551	57,321	88,230	125,516	48,563	76,953	17,979	7,739	10,240	374	193	181
Subarachnoid hemorrhage (430)	6,809	2,348	4,461	5,550	1,967	3,583	1,056	320	736	27	13	14
Intracerebral and other intracranial hemorrhage (431-432)	20,679	9,471	11,208	16,818	7,485	9,333	3,324	1,712	1,612	60	29	31
Occlusion and stenosis of precerebral arteries (433)	1,243	658	585	1,130	606	524	100	45	55	3	2	1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	19,799	7,656	12,143	17,495	6,673	10,822	2,109	882	1,227	32	19	13
Cerebral embolism (434.1)	681	257	424	615	221	394	57	29	28	2	-	2
Acute but ill-defined cerebrovascular disease (436)	80,012	30,764	49,248	69,504	28,295	41,209	9,625	4,017	5,608	206	104	102
Other and late effects of cerebrovascular diseases (435,437-438)	16,328	6,167	10,161	14,404	5,316	9,088	1,708	734	974	44	26	18
Diseases of arteries, arterioles, and capillaries (440-448)	43,654	21,701	21,953	39,779	19,931	19,848	3,494	1,556	1,938	93	48	45
Atherosclerosis (440)	19,357	7,254	12,103	17,791	6,652	11,139	1,436	547	889	46	17	29
Aortic aneurysm (441)	16,229	10,708	5,521	14,959	9,998	4,961	1,085	592	493	30	21	9
All other diseases of arteries, arterioles, and capillaries (442-448)	8,068	3,739	4,329	7,029	3,281	3,748	973	417	556	17	10	7
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	4,319	2,062	2,257	3,574	1,693	1,881	695	339	356	17	9	8
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	1,907	848	1,059	1,589	699	890	306	144	162	3	2	1
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	2,412	1,214	1,198	1,985	994	991	389	195	194	14	7	7
VIII. Diseases of the respiratory system (460-519)	187,008	97,837	89,171	168,333	86,912	81,421	16,386	9,502	6,884	653	380	273
Diseases of the upper respiratory tract (460-465,470-478)	614	314	300	501	252	249	96	51	45	4	3	1
Acute upper respiratory infections (460-465)	276	140	136	231	116	115	38	19	19	1	1	-
Other diseases of upper respiratory tract (470-478)	338	174	164	270	136	134	58	32	26	3	2	1
Other diseases of the respiratory system (466,480-519)	186,394	97,523	88,871	167,832	86,660	81,172	16,290	9,451	6,839	649	377	272
Acute bronchitis and bronchiolitis (466)	633	288	345	544	241	303	79	39	40	3	3	-
Pneumonia (480-486)	74,957	35,151	39,806	66,344	30,379	35,965	7,521	4,141	3,380	297	160	137
Viral pneumonia (480)	690	291	399	598	242	356	67	32	35	7	5	2
Pneumococcal and other bacterial pneumonia (481-482)	6,074	3,179	2,895	5,083	2,577	2,506	885	529	356	41	26	15
Bronchopneumonia, organism unspecified (485)	6,902	3,312	3,590	5,996	2,780	3,216	807	471	336	28	18	10
Pneumonia due to other and unspecified organism (483,486)	61,291	28,369	32,922	54,667	24,780	29,887	5,762	3,109	2,653	221	111	110
Influenza (487)	1,593	550	1,043	1,509	513	996	64	27	37	10	5	5
Chronic obstructive pulmonary diseases and allied conditions (490-495)	84,344	48,178	36,166	77,881	44,046	33,835	5,671	3,593	2,078	228	143	85
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	24,095	13,098	10,997	21,873	11,840	10,033	1,956	1,094	862	47	25	22
Bronchitis, not specified as acute or chronic (490)	705	290	415	640	260	380	54	24	30	5	2	3
Chronic bronchitis (491)	3,054	1,666	1,388	2,882	1,563	1,319	153	89	64	2	1	1
Emphysema (492)	15,467	9,294	6,173	14,590	8,665	5,925	765	547	218	26	13	13
Asthma (493)	4,869	1,848	3,021	3,761	1,352	2,409	984	434	550	14	9	5

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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)	53	27	26	58	31	27	21	10	11	39	22	17	64	38	26
Diseases of the nervous system (320-359)	53	27	26	58	31	27	21	10	11	38	22	16	64	38	26
Meningitis (320-322)	3	3	—	1	1	—	3	1	2	3	—	—	8	3	5
Parkinson's disease (332)	19	12	7	19	13	6	4	2	2	6	6	—	5	4	1
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	16	8	8	22	9	13	5	1	4	17	6	11	27	16	11
Multiple sclerosis (340)	3	—	3	1	1	—	—	—	—	1	—	1	—	—	—
Infantile cerebral palsy (343)	1	1	—	—	—	—	1	—	1	1	—	1	4	2	2
Epilepsy (345)	2	—	2	3	2	1	2	2	—	—	—	—	1	1	—
Other diseases of the nervous system (323-326,341-342,344,346-359)	9	3	6	12	5	7	6	4	2	10	7	3	19	12	7
Disorders of the eye and adnexa (360-379)	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Diseases of the ear and mastoid process (380-389)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VII. Diseases of the circulatory system (390-459)	1,940	1,061	879	1,604	771	833	475	272	203	1,764	1,275	489	1,716	910	806
Rheumatic fever and rheumatic heart disease (390-398)	25	6	19	11	2	9	3	—	3	15	3	12	33	11	22
Acute rheumatic fever (390-392)	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Chronic rheumatic heart disease (393-399)	25	6	19	11	2	9	3	—	3	15	3	12	32	11	21
Diseases of mitral valve (394)	18	4	14	7	1	6	1	—	1	8	1	7	20	5	15
Diseases of aortic valve (395)	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of mitral and aortic valves (396)	3	—	3	—	—	—	—	—	—	3	2	1	5	4	1
All other chronic rheumatic heart disease (393,397-398)	3	1	2	4	1	3	2	—	2	4	—	4	7	2	5
Hypertensive disease (401-404)	93	51	42	83	30	53	15	5	85	62	23	60	32	28	
Essential hypertension (401)	11	5	6	10	5	5	4	3	9	7	2	8	2	6	
Hypertensive heart disease (402)	64	37	27	54	19	35	10	7	3	62	43	19	31	20	11
Hypertensive renal disease (403)	11	5	6	14	4	10	1	—	1	7	6	1	14	7	7
Hypertensive heart and renal disease (404)	7	4	3	5	2	3	—	—	—	7	6	1	7	3	4
Ischemic heart disease (410-414)	951	567	384	682	340	342	193	107	86	841	621	220	798	458	340
Acute myocardial infarction (410)	450	280	170	304	149	155	113	67	46	441	309	132	451	257	194
Other acute and subacute forms of ischemic heart disease (411)	4	3	1	3	—	3	—	—	—	4	2	2	2	2	—
Angina pectoris (413)	2	1	1	2	1	1	—	—	—	1	—	1	4	2	2
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	495	283	212	373	190	183	80	40	40	395	310	85	341	197	144
Diseases of pulmonary circulation (415-417)	12	7	5	13	11	2	9	5	4	13	8	5	15	10	5
Other forms of heart disease (420-429)	359	194	165	343	191	152	169	107	62	342	256	86	352	195	157
Acute and subacute endocarditis (421)	3	2	1	3	2	1	1	—	1	4	4	—	2	1	1
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	1	—	1	—	—	—	2	2	—	1	1	—	4	2	2
Other diseases of endocardium (424)	23	13	10	23	12	11	7	4	3	20	14	6	14	6	8
Mitral valve disorders (424.0)	4	2	2	6	4	2	—	—	—	3	1	2	3	2	1
Aortic valve disorders (424.1)	13	10	3	14	8	6	5	2	3	12	9	3	8	3	5
All other diseases of endocardium (424.2-424.9)	6	1	5	3	—	3	2	2	—	5	4	1	3	1	2
Heart failure (428)	62	31	31	32	14	18	19	12	7	53	40	13	41	18	23
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	5	1	4	—	—	—	1	1	—	3	1	2	11	9	2
All other and ill-defined forms of heart disease (425-427,429.2-429.9)	265	147	118	285	163	122	139	88	51	261	196	65	280	159	121
Cerebrovascular diseases (430-438)	415	191	224	382	155	227	69	33	36	397	268	129	404	174	230
Subarachnoid hemorrhage (430)	36	12	24	42	10	32	7	2	5	33	10	23	55	13	42
Intracerebral and other intracranial hemorrhage (431-432)	113	53	60	84	37	47	18	9	9	126	83	43	133	61	72
Occlusion and stenosis of precerebral arteries (433)	2	2	—	4	2	2	—	—	—	3	1	2	1	—	1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)	45	19	26	37	18	19	6	3	3	45	28	17	29	14	15
Cerebral embolism (434.1)	1	1	—	1	1	—	—	—	—	2	2	—	3	3	—
Acute but ill-defined cerebrovascular disease (435)	170	82	88	170	67	103	31	14	17	147	113	34	151	70	81
Other and late effects of cerebrovascular diseases (435,437-438)	48	22	26	44	20	24	7	5	2	41	31	10	32	13	19
Diseases of arteries, arterioles, and capillaries (440-448)	76	39	37	83	38	45	15	8	7	64	54	10	46	24	22
Atherosclerosis (440)	29	12	17	28	9	19	2	—	2	15	13	2	10	4	6
Aortic aneurysm (441)	34	20	14	39	22	17	11	7	4	42	34	8	27	12	15
All other diseases of arteries, arterioles, and capillaries (442-448)	13	7	6	16	7	9	2	1	1	7	7	—	9	8	1
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	9	6	3	7	4	3	2	2	—	7	3	4	8	6	2
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	1	—	1	4	2	2	—	—	—	2	—	2	2	1	1
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	8	6	2	3	2	1	2	2	—	5	3	2	6	5	1
VIII. Diseases of the respiratory system (460-519)	452	288	164	404	227	177	88	50	38	338	265	73	340	203	137
Diseases of the upper respiratory tract (460-465,470-478)	5	3	2	1	—	1	—	—	—	5	3	2	2	2	—
Acute upper respiratory infections (460-465)	4	2	2	—	—	—	—	—	—	1	1	—	1	1	—
Other diseases of upper respiratory tract (470-478)	1	1	—	1	—	1	—	—	—	4	2	2	1	1	—
Other diseases of the respiratory system (466,480-519)	447	285	162	403	227	176	88	50	38	333	262	71	338	201	137
Acute bronchitis and bronchiolitis (466)	1	1	—	—	—	—	—	—	—	1	—	—	5	3	2
Pneumonia (480-486)	251	152	99	206	101	105	36	21	15	148	116	32	150	78	72
Viral pneumonia (480)	3	1	2	2	1	1	—	—	—	6	4	2	7	6	1
Pneumococcal and other bacterial pneumonia (481-482)	23	16	7	9	6	3	4	4	—	13	10	3	16	11	5
Bronchopneumonia, organism unspecified (485)	19	12	7	19	10	9	4	—	4	15	11	4	12	9	3
Pneumonia due to other and unspecified organism (483,486)	206	123	83	176	84	92	28	17	11	114	91	23	115	52	63
Influenza (487)	3	1	2	2	1	1	—	—	—	4	3	1	1	—	1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	140	100	40	110	74	36	41	20	21	137	109	28	130	88	42
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	45	30	15	53	30	23	16	6	10	48	34	14	56	38	18
Bronchitis, not specified as acute or chronic (490)	1	1	—	2	—	2	—	—	—	1	1	—	2	2	—
Chronic bronchitis (491)	2	2	—	5	3	2	1	—	1	3	3	—	5	4	1
Emphysema (492)	17	14	3	27	22	5	6	4	2	18	15	3	18	14	4
Asthma (493)	25	13	12	19	5	14	9	2	7	26	15	11	31	18	13

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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 †			White			Black			American Indian †		
	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)	920	363	557	859	323	536	38	28	10	9	6	3
Chronic airways obstruction, not elsewhere classified (496)	59,329	34,717	24,612	55,149	31,883	23,266	3,677	2,471	1,206	172	112	60
Pneumococcoses and other lung diseases due to external agents (500-508)	9,035	5,146	3,889	7,892	4,468	3,424	1,038	603	435	27	22	5
Empyema and abscess of lung and mediastinum (510,513)	934	607	327	718	457	261	201	139	62	5	5	-
Pleuisy (511)	830	365	465	706	308	398	115	54	61	2	-	2
All other diseases of respiratory system (512,514-519)	14,068	7,238	6,830	12,238	6,248	5,990	1,601	855	746	77	39	38
IX. Diseases of the digestive system (520-579)	76,121	39,265	36,856	65,175	33,187	31,988	9,646	5,332	4,314	589	301	288
Diseases of oral cavity, salivary glands, and jaws (520-529)	92	45	47	72	34	38	18	10	8	1	-	1
Diseases of other parts of the digestive system (530-579)	76,029	39,220	36,809	65,103	33,153	31,950	9,628	5,322	4,306	588	301	287
Ulcer of stomach and duodenum (531-533)	6,455	3,145	3,310	5,664	2,701	2,963	665	362	303	25	9	16
Gastric ulcer (531)	1,980	889	1,091	1,687	725	962	246	136	110	13	5	8
Duodenal ulcer (532)	2,228	1,167	1,061	1,985	1,019	966	205	119	86	7	2	5
Peptic ulcer, site unspecified (533)	2,247	1,089	1,158	1,992	957	1,035	214	107	107	5	2	3
Gastritis and duodenitis (535)	679	339	340	579	280	299	89	48	41	2	2	-
Appendicitis (540-543)	451	237	214	354	185	169	89	47	42	2	2	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,530	2,047	3,483	4,791	1,711	3,080	683	315	368	21	10	11
Regional enteritis and idiopathic proctocolitis (555-556)	636	276	360	600	259	341	31	15	16	-	-	-
All other noninfective gastroenteritis and colitis (557-558)	8,098	2,881	5,217	7,265	2,538	4,727	764	314	450	21	6	15
Diverticula of intestine (562)	3,089	954	2,135	2,836	867	1,969	240	81	159	4	1	3
Chronic liver disease and cirrhosis (571)	26,694	17,310	9,384	22,211	14,414	7,797	3,851	2,517	1,334	386	214	172
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	12,308	9,012	3,296	9,689	7,225	2,464	2,254	1,566	688	283	158	125
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	1,180	425	755	1,047	360	687	92	43	49	4	1	3
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	13,206	7,873	5,333	11,475	6,829	4,646	1,505	908	597	99	55	44
Cholelithiasis and other disorders of gallbladder (574-575)	3,048	1,336	1,712	2,738	1,210	1,528	255	102	153	18	4	14
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	21,349	10,695	10,654	18,065	8,988	9,077	2,961	1,521	1,440	109	53	56
X. Diseases of the genitourinary system (580-629)	39,292	17,575	21,717	31,552	13,919	17,633	7,185	3,365	3,820	158	70	88
Diseases of urinary system (580-599)	38,300	16,885	21,415	30,746	13,346	17,400	7,008	3,254	3,754	156	68	88
Nephritis, nephrotic syndrome, and nephrosis (580-589)	21,118	10,320	10,798	16,607	8,093	8,514	4,166	2,047	2,119	102	43	59
Acute glomerulonephritis (580)	109	61	48	92	53	39	16	8	8	-	-	-
Nephrotic syndrome (581)	201	99	102	149	73	76	50	25	25	-	-	-
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,517	733	784	1,201	590	611	295	137	158	7	2	5
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	19,291	9,427	9,864	15,165	7,377	7,788	3,805	1,877	1,928	95	41	54
Infections of kidney (590)	1,414	435	979	1,203	358	845	194	68	126	6	4	2
Urinary calculus (592,594)	315	123	192	279	106	173	34	16	18	1	1	-
All other diseases of urinary system (591,593,595-599)	15,453	6,007	9,446	12,657	4,789	7,868	2,614	1,123	1,491	47	20	27
Diseases of male genital organs (600-608)	690	690	...	573	573	...	111	111	...	2	2	...
Hyperplasia of prostate (600)	449	449	...	375	375	...	70	70	...	2	2	...
Other diseases of male genital organs (601-608)	241	241	...	198	198	...	41	41	...	-	-	...
Disorders of breast (610-611)	36	-	36	27	-	27	9	-	9	-	-	-
Diseases of female genital organs except breast (614-629)	266	...	266	206	...	206	57	...	57	-	...	-
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	320	...	320	180	...	180	124	...	124	4	...	4
Pregnancy with abortive outcome (630-638)	50	...	50	21	...	21	26	...	26	-	...	-
Ectopic pregnancy (639)	34	...	34	14	...	14	19	...	19	-	...	-
Spontaneous abortion (634)	3	...	3	1	...	1	-	...	-	-	...	-
Legally induced abortion (635)	3	...	3	1	...	1	2	...	2	-	...	-
Illegally induced abortion (636)	-	...	-	-	...	-	-	...	-	-	...	-
Other pregnancy with abortive outcome (630-632,637-638)	10	...	10	5	...	5	5	...	5	-	...	-
Direct obstetric causes (640-646,651-676)	241	...	241	144	...	144	85	...	85	4	...	4
Hemorrhage of pregnancy and childbirth (640-641,665)	43	...	43	30	...	30	10	...	10	1	...	1
Toxemia of pregnancy (642.4-642.9,643)	58	...	58	29	...	29	27	...	27	2	...	2
Obstructed labor (660)	-	...	-	-	...	-	-	...	-	-	...	-
Complications of the puerperium (670-676)	89	...	89	60	...	60	26	...	26	1	...	1
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	51	...	51	25	...	25	22	...	22	-	...	-
Indirect obstetric causes (647-648)	29	...	29	15	...	15	13	...	13	-	...	-
Delivery in a completely normal case (650)	-	...	-	-	...	-	-	...	-	-	...	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	3,806	1,429	2,377	2,739	1,023	1,716	1,019	379	640	16	9	7
Infections of skin and subcutaneous tissue (680-686)	812	338	474	671	274	397	128	55	73	6	3	3
All other diseases of skin and subcutaneous tissue (690-709)	2,994	1,091	1,903	2,068	749	1,319	891	324	567	10	6	4
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	7,598	2,236	5,362	6,327	1,832	4,495	1,144	363	781	34	14	20
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1,780	475	1,305	1,654	436	1,218	99	30	69	9	4	5
Other arthropathies and related disorders (710-712,715-719)	3,507	864	2,643	2,696	686	2,030	735	180	555	16	4	12
Dorsopathies (720-724)	224	136	88	186	111	75	34	21	13	1	1	-
Rheumatism, excluding the back (725-729)	528	289	239	409	222	187	112	63	49	3	2	1
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	1,559	472	1,087	1,382	397	985	164	69	95	5	3	2

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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	2	3	3	1	2	2	-	2	3	3	-	1	-	1
Chronic airways obstruction, not elsewhere classified (496)	90	68	22	54	43	11	23	14	9	86	72	14	73	50	23
Pneumoconioses and other lung diseases due to external agents (500-508)	19	13	6	33	19	14	3	2	1	11	10	1	12	9	3
Empyema and abscess of lung and mediastinum (510,513)	2	1	1	4	2	2	-	-	-	2	2	-	2	1	1
Pleurisy (511)	4	2	2	1	-	1	-	-	-	1	1	-	1	1	-
All other diseases of respiratory system (512,514-519)	27	15	12	47	30	17	8	7	1	29	21	8	37	21	16
IX. Diseases of the digestive system (520-579)	174	124	50	146	76	70	33	18	15	133	90	43	214	132	82
Diseases of oral cavity, salivary glands, and jaws (520-529)	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Diseases of other parts of the digestive system (530-579)	174	124	50	145	75	70	33	18	15	133	90	43	214	132	82
Ulcer of stomach and duodenum (531-533)	38	30	8	21	13	8	4	4	-	25	17	8	13	9	4
Gastric ulcer (531)	10	6	4	11	7	4	3	3	-	6	4	2	4	3	1
Duodenal ulcer (532)	16	14	2	2	2	-	1	1	-	8	6	2	4	4	-
Peptic ulcer, site unspecified (533)	12	10	2	8	4	4	-	11	7	4	4	5	2	3	2
Gastritis and duodenitis (535)	1	1	-	2	2	-	1	1	-	4	4	-	1	1	-
Appendicitis (540-543)	2	1	1	1	-	1	1	1	-	2	1	1	-	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	12	5	7	7	-	7	1	-	1	3	1	2	12	5	7
Regional enteritis and idiopathic proctocolitis (555-556)	-	-	-	1	-	1	1	-	1	3	2	1	-	-	-
All other noninfective gastroenteritis and colitis (557-558)	7	4	3	15	6	9	4	1	3	12	6	6	10	6	4
Diverticula of Intestine (562)	2	2	-	3	2	1	-	-	-	3	1	2	-	-	-
Chronic liver disease and cirrhosis (571)	41	36	5	48	26	22	8	6	2	39	28	11	104	65	39
Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)	10	8	2	14	10	4	7	6	1	12	9	3	35	26	9
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	11	10	1	9	5	4	-	-	-	2	1	1	15	5	10
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	20	18	2	25	11	14	1	-	1	25	18	7	54	34	20
Cholelithiasis and other disorders of gallbladder (574-575)	16	7	9	6	4	2	2	1	1	5	2	3	8	6	2
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	55	38	17	41	22	19	11	4	7	37	28	9	66	40	26
X. Diseases of the genitourinary system (580-629)	123	60	63	62	30	32	14	8	6	95	68	27	98	51	47
Diseases of urinary system (580-599)	120	59	61	61	29	32	14	8	6	93	66	27	97	51	46
Nephritis, nephrotic syndrome, and nephrosis (580-589)	79	46	33	22	10	12	10	4	6	60	38	22	68	36	32
Acute glomerulonephritis (580)	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Nephrotic syndrome (581)	-	-	-	-	-	-	-	-	-	1	1	-	1	-	1
Chronic glomerulonephritis, nephritis and nephropathy,not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	2	-	2	4	1	3	1	-	1	2	-	2	4	2	2
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	77	46	31	18	9	9	9	4	5	57	37	20	62	34	28
Infections of kidney (590)	1	-	1	6	3	3	-	-	-	4	2	2	-	-	-
Urinary calculus (592,594)	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases of urinary system (591,593,595-599)	39	13	26	33	16	17	4	4	-	29	26	3	29	15	14
Diseases of male genital organs (600-608)	1	1	...	1	1	...	-	-	...	2	2	...	-	-	...
Hyperplasia of prostate (600) .....	-	...	...	-	-	...	-	-	...	2	2	...	-	-	...
Other diseases of male genital organs (601-608)	1	1	...	1	1	...	-	-	...	-	-	...	-	-	...
Disorders of breast (610-611)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of female genital organs except breast (614-629)	2	...	2	-	...	-	-	...	-	-	...	-	1	...	1
XI. Complications of pregnancy, childbirth, and the puerperium (630-676)	1	...	1	-	...	-	-	...	-	3	...	3	8	...	8
Pregnancy with abortive outcome (630-638)	-	...	-	-	...	-	-	...	-	1	...	1	2	...	2
Ectopic pregnancy (633)	-	...	-	-	...	-	-	...	-	1	...	1	-	...	-
Spontaneous abortion (634)	-	...	-	-	...	-	-	...	-	-	...	-	2	...	2
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	5	...	5
Hemorrhage of pregnancy and childbirth (640-641,666)	-	...	-	-	...	-	-	...	-	-	...	-	2	...	2
Toxemia of pregnancy (642.4-642.9,643)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
Obstructed labor (660)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
Complications of the puerperium (670-676)	-	...	-	-	...	-	-	...	-	1	...	1	1	...	1
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	1	...	1	-	...	-	-	...	-	1	...	1	2	...	2
Indirect obstetric causes (647-648)	-	...	-	-	...	-	-	...	-	-	...	-	1	...	1
Delivery in a completely normal case (650)	-	...	-	-	...	-	-	...	-	-	...	-	-	...	-
XII. Diseases of the skin and subcutaneous tissue (680-709)	7	3	4	10	6	4	3	3	-	6	3	3	6	3	3
Infections of skin and subcutaneous tissue (680-686)	-	-	-	4	3	1	1	1	-	-	-	-	2	2	-
All other diseases of skin and subcutaneous tissue (690-709)	7	3	4	6	3	3	2	2	-	6	3	3	4	1	3
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	24	8	16	26	5	21	6	-	6	14	6	8	20	8	12
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1	-	1	14	3	11	-	-	-	-	-	-	3	2	1
Other arthropathies and related disorders (710-712,715-719)	15	4	11	10	2	8	6	-	6	12	4	8	14	4	10
Dorsopathies (720-724)	1	1	-	-	-	-	-	-	-	1	1	-	1	1	-
Rheumatism, excluding the back (725-729)	2	2	-	1	-	1	-	-	-	-	-	-	1	-	1
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	5	1	4	1	-	1	-	-	-	1	1	-	1	1	-

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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 †			White			Black			American Indian ‡		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
XIV. Congenital anomalies (740-759)	12,897	6,812	6,085	10,291	5,444	4,847	2,179	1,143	1,036	115	57	58
Spina bifida (741)	157	67	90	139	58	81	13	7	6	1	1	-
All other congenital anomalies of nervous system (740,742)	1,566	733	833	1,261	594	667	250	115	135	22	8	14
Congenital anomalies of heart (745-746)	4,593	2,448	2,145	3,671	1,981	1,690	764	380	384	42	23	19
Other congenital anomalies of circulatory system (747)	1,145	608	537	896	472	424	223	122	101	10	5	5
All other congenital anomalies (743-744,748-759)	5,436	2,956	2,480	4,324	2,339	1,985	929	519	410	40	20	20
XV. Certain conditions originating in the perinatal period (760-779)	18,752	10,511	8,241	11,306	6,426	4,880	6,965	3,813	3,152	154	77	77
Birth trauma (767)	230	132	98	154	92	62	71	38	33	2	1	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	4,401	2,671	1,730	2,893	1,752	1,131	1,396	839	557	33	20	13
Other conditions originating in the perinatal period (760-766,770-779)	14,121	7,708	6,413	8,269	4,582	3,687	5,498	2,936	2,562	119	56	63
XVI. Symptoms, signs, and ill-defined conditions (780-799)	26,988	15,205	11,783	20,597	11,361	9,236	5,835	3,496	2,339	264	164	100
Senility without mention of psychosis (797)	1,274	345	929	1,108	290	818	153	52	101	9	3	6
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	25,714	14,860	10,854	19,489	11,071	8,418	5,682	3,444	2,238	255	161	94
Supplementary classification of external causes of injury and poisoning (E800-E999)	150,869	107,656	43,213	119,844	84,300	35,544	27,183	20,654	6,529	1,717	1,284	433
Accidents and adverse effects (E800-E949)	95,028	63,912	31,116	79,139	52,691	26,448	13,404	9,503	3,901	1,203	885	318
Transport accidents (E800-E848)	50,436	35,111	15,325	42,999	29,709	13,290	5,874	4,361	1,513	713	515	198
Railway accidents (E800-E807)	608	547	61	476	427	49	112	101	11	14	14	-
Motor vehicle accidents (E810-E829)	47,575	32,704	14,871	40,491	27,621	12,870	5,611	4,120	1,491	675	479	196
Motor vehicle traffic accidents (E810-E819)	46,586	31,955	14,631	39,820	26,953	12,667	5,541	4,076	1,465	638	448	190
Involving collision with train (E810)	720	471	249	648	420	228	68	48	20	3	3	-
Involving collision with another motor vehicle (E811-E812)	17,822	11,094	6,728	15,626	9,653	5,973	1,720	1,148	572	173	110	63
Involving collision with pedestrian (E814)	6,957	4,881	2,076	5,292	3,654	1,638	1,352	1,018	334	151	120	31
Involving collision with other vehicle or object (E813,E815)	7,293	5,598	1,695	6,254	4,790	1,464	881	699	182	66	46	20
Not involving collision on highway (E816-E818)	8,870	6,605	2,265	7,597	5,647	1,950	914	721	193	195	135	60
Motor vehicle traffic accident of unspecified nature (E819)	4,924	3,306	1,618	4,203	2,789	1,414	606	442	164	50	34	16
Motor vehicle nontraffic accidents (E820-E825)	989	749	240	871	668	203	70	44	26	37	31	6
Other road vehicle accidents (E826-E829)	219	149	70	200	133	67	9	8	1	4	3	1
Water transport accidents (E830-E838)	866	775	91	711	628	83	123	117	6	17	16	1
Air and space transport accidents (E840-E845)	1,123	907	216	1,079	874	205	17	13	4	2	2	-
Vehicle accidents not elsewhere classifiable (E846-E848)	45	29	16	42	26	16	2	2	-	1	1	-
Accidental poisoning (E850-E869)	6,524	4,767	1,757	5,043	3,699	1,344	1,390	1,008	382	58	38	20
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	5,035	3,634	1,401	3,862	2,789	1,073	1,117	809	308	30	19	11
Accidental poisoning by other solid or liquid substances (E860-E866)	568	435	133	416	320	96	136	103	33	14	11	3
Accidental poisoning by gases and vapors (E867-E869)	921	698	223	765	590	175	137	96	41	14	8	6
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	2,850	1,355	1,495	2,354	1,117	1,237	469	225	244	11	5	6
Accidental falls (E880-E888)	12,151	6,302	5,849	10,961	5,524	5,437	1,009	659	350	77	52	25
Fall from one level to another (E880-E884)	3,062	2,167	895	2,692	1,879	813	313	244	69	23	18	5
Fall on same level (E885-E886)	476	253	223	444	230	214	26	17	9	4	4	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	8,613	3,882	4,731	7,825	3,415	4,410	670	398	272	50	30	20
Accidents caused by fire and flames (E890-E899)	4,716	2,817	1,899	3,159	1,903	1,256	1,467	858	609	56	35	21
Other accidents, including late effects (E900-E929)	18,209	13,483	4,726	14,510	10,676	3,834	3,167	2,379	788	288	240	48
Lightning (E907)	75	65	10	70	60	10	3	3	-	2	2	-
Accidental drowning and submersion (E910)	4,015	3,249	766	3,046	2,434	612	797	664	133	66	62	4
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3,578	1,862	1,716	2,903	1,472	1,431	617	351	266	39	27	12
Accident caused by handgun (E922.0)	231	207	24	195	173	22	31	29	2	2	2	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1,258	1,110	148	958	850	108	245	217	28	33	26	7
Accident caused by explosive material (E923)	238	215	23	216	198	18	19	16	3	1	-	1
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	142	77	65	112	62	50	27	14	13	1	-	1
Accident caused by electric current (E925)	702	656	46	622	579	43	70	68	2	8	8	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	7,970	6,042	1,928	6,388	4,848	1,540	1,358	1,017	341	136	113	23
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	142	77	65	113	63	50	28	13	15	-	-	-
Suicide (E950-E959)	30,232	24,102	6,130	27,424	21,858	5,566	2,153	1,771	382	232	197	35
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	2,988	1,364	1,624	2,774	1,275	1,499	164	70	94	16	7	9
Suicide by other solid or liquid substances (E950.6-E950.9)	227	159	68	195	135	60	23	19	4	1	-	1
Suicide by gases and vapors (E951-E952)	2,228	1,688	540	2,154	1,632	522	53	42	11	8	6	2
Suicide by hanging, strangulation, and suffocation (E953)	4,484	3,708	776	3,853	3,181	672	408	366	42	58	54	4
Suicide by handgun (E955.0)	3,120	2,544	576	2,904	2,362	542	171	148	23	17	15	2
Suicide by all other and unspecified firearms (E955.1-E955.4)	15,058	13,136	1,922	13,767	12,016	1,751	1,070	930	140	123	110	13
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	2,127	1,503	624	1,777	1,257	520	264	196	68	9	5	4
Homicide and legal intervention (E960-E978)	22,909	17,686	5,223	11,308	8,337	2,971	10,962	8,888	2,074	249	177	72
Assault by handgun (E965.0)	1,194	931	263	597	433	164	558	473	85	11	8	3
Assault by all other and unspecified firearms (E965.1-E965.4)	13,270	11,087	2,183	6,121	4,882	1,239	6,856	5,977	879	81	62	19
Assault by cutting and piercing instrument (E966)	3,980	3,011	969	1,906	1,412	494	1,935	1,490	445	76	62	14
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	4,134	2,337	1,797	2,468	1,400	1,068	1,509	849	660	73	37	36

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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)	51	27	24	21	8	13	15	12	3	56	29	27	162	89	73
Spina bifida (741)	-	-	-	-	-	-	-	-	-	1	-	1	2	1	1
All other congenital anomalies of nervous system (740,742)	7	3	4	3	-	3	1	1	-	5	1	4	16	11	5
Congenital anomalies of heart (745-746)	23	14	9	5	3	2	8	7	1	19	9	10	58	29	29
Other congenital anomalies of circulatory system (747)	2	2	-	5	-	3	-	-	-	3	2	1	8	5	3
All other congenital anomalies (743-744,748-759)	19	8	11	10	5	5	6	4	2	28	17	11	78	43	35
XV. Certain conditions originating in the perinatal period (760-779)	53	29	24	20	10	10	34	20	14	49	33	16	164	99	65
Birth trauma (767)	-	-	-	-	-	-	2	1	1	-	-	-	1	-	1
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	12	7	5	5	2	3	10	7	3	18	14	4	42	29	13
Other conditions originating in the perinatal period (760-766,770-779)	41	22	19	15	8	7	22	12	10	31	19	12	121	70	51
XVI. Symptoms, signs, and ill-defined conditions (780-799)	34	23	11	31	15	16	44	28	16	44	36	8	133	80	53
Senility without mention of psychosis (797)	-	-	-	3	-	3	-	-	-	1	-	1	-	-	-
Symptoms, signs, and other ill-defined conditions (780-796,798-799)	34	23	11	28	15	13	44	28	16	43	36	7	133	80	53
Supplementary classification of external causes of injury and poisoning (E800-E999)	367	221	146	210	124	86	111	81	30	328	231	97	1,057	724	333
Accidents and adverse effects (E800-E949)	211	125	86	122	69	53	76	50	26	214	148	66	628	417	211
Transport accidents (E800-E848)	132	68	64	64	32	32	54	36	18	137	87	50	435	281	154
Railway accidents (E800-E807)	2	2	-	-	-	-	-	-	-	1	1	-	3	2	1
Motor vehicle accidents (E810-E825)	124	60	64	60	29	31	46	33	13	125	76	49	416	265	151
Motor vehicle traffic accidents (E810-E819)	123	60	63	57	27	30	46	33	13	123	75	48	411	262	149
Involving collision with train (E810)	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Involving collision with another motor vehicle (E811-E812)	51	23	28	20	10	10	16	12	4	54	37	17	152	94	58
Involving collision with pedestrian (E814)	34	17	17	13	5	8	7	3	4	22	14	8	83	47	36
Involving collision with other vehicle or object (E813,E815)	15	8	7	11	7	4	10	8	2	12	7	5	40	30	10
Not involving collision on highway (E816-E818)	16	9	7	9	4	5	8	6	2	29	14	15	96	65	31
Motor vehicle traffic accident of unspecified nature (E819)	7	3	4	4	1	3	5	4	1	6	3	3	39	26	13
Motor vehicle nontraffic accidents (E820-E825)	1	-	1	3	2	1	-	-	-	2	1	1	5	3	2
Other road vehicle accidents (E826-E829)	1	1	-	2	1	1	-	-	-	3	3	-	9	8	1
Water transport accidents (E830-E838)	3	3	-	1	1	-	-	-	-	2	2	-	9	8	1
Air and space transport accidents (E840-E845)	2	2	-	1	1	-	8	3	5	6	5	1	7	6	1
Vehicle accidents not elsewhere classifiable (E846-E848)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning (E850-E869)	4	3	1	-	-	-	1	1	-	5	3	2	23	15	8
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	4	3	1	-	-	-	1	1	-	4	3	1	17	10	7
Accidental poisoning by other solid or liquid substances (E860-E866)	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-
Accidental poisoning by gases and vapors (E867-E869)	-	-	-	-	-	-	-	-	-	-	-	-	5	4	1
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	4	3	1	3	-	3	4	2	3	2	2	1	2	1	1
Accidental falls (E880-E888)	33	23	10	23	15	8	3	1	2	16	11	5	27	16	11
Fall from one level to another (E880-E884)	8	4	4	7	6	1	-	-	4	4	4	-	14	11	3
Fall on same level (E885-E886)	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	24	18	6	15	8	7	3	1	2	12	7	5	13	5	8
Accidents caused by fire and flames (E890-E899)	6	4	2	1	1	-	-	-	-	6	6	-	21	10	11
Other accidents, including late effects (E900-E929)	31	23	8	31	21	10	14	10	4	47	39	8	120	94	26
Lightning (E907)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental drowning and submersion (E910)	13	12	1	10	9	1	4	4	-	13	11	2	65	52	13
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	5	2	3	2	1	1	6	5	1	6	4	2
Accident caused by handgun (E922.0)	-	-	-	-	-	-	-	-	-	2	2	-	1	1	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1	1	-	1	1	-	3	1	2	4	3	1	13	11	2
Accident caused by explosive material (E923)	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	-	-	-	1	-	1	-	-	-	-	-	-	1	1	-
Accident caused by electric current (E925)	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	17	10	7	14	9	5	5	4	1	22	18	4	30	23	7
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Suicide (E950-E959)	85	45	40	66	39	27	16	13	3	54	45	9	192	128	64
Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)	6	2	4	8	2	6	1	-	1	2	1	1	15	7	8
Suicide by other solid or liquid substances (E950.6-E950.9)	1	1	-	2	1	1	-	-	-	2	2	-	3	1	2
Suicide by gases and vapors (E951-E952)	1	-	1	2	2	-	1	-	1	2	1	1	6	4	2
Suicide by hanging, strangulation, and suffocation (E953)	43	19	24	25	18	7	5	5	-	18	15	3	71	47	24
Suicide by handgun (E955.0)	2	1	1	7	5	2	-	-	-	5	5	-	13	8	5
Suicide by all other and unspecified firearms (E955.1-E955.4)	14	13	1	7	5	2	6	6	-	17	14	3	52	40	12
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	18	9	9	15	6	9	3	2	1	8	7	1	32	21	11
Homicide and legal intervention (E960-E978)	66	48	18	19	13	6	14	13	1	55	34	21	227	171	56
Assault by handgun (E965.0)	2	2	-	-	-	-	-	-	-	2	-	2	21	14	7
Assault by all other and unspecified firearms (E965.1-E965.4)	39	33	6	9	6	3	7	7	-	26	17	9	128	101	27
Assault by cutting and piercing instrument (E966)	11	5	6	3	2	1	6	5	1	4	3	1	36	30	6
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	14	8	6	7	5	2	1	1	-	23	14	9	39	23	16

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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 †			White			Black			American Indian ‡		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Homicide and legal intervention-Con.												
Legal execution (E978)	16	16	-	8	8	-	8	8	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	315	304	11	208	202	6	96	91	5	8	8	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	2,686	1,942	744	1,961	1,402	559	662	490	172	33	25	8
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	1,236	845	391	879	579	300	342	255	87	6	4	2
From poisoning by other solid or liquid substances (E980.6-E980.9)	50	38	12	38	30	8	6	5	1	5	2	3
From injury by handgun (E985.0)	59	47	12	51	40	11	7	6	1	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	281	239	42	228	196	32	46	36	10	4	4	-
From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984, E985.5-E989)	1,060	773	287	765	557	208	261	188	73	18	15	3
Injury resulting from operations of war (E990-E999)	14	14	-	12	12	-	2	2	-	-	-	-

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Table 1-26. Deaths From 282 Selected Causes, by Specified Race or National Origin and Sex: United States, 1989—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
Homicide and legal intervention-Con.															
Legal execution (E978)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E970-E977)	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	5	3	2	3	3	-	5	5	-	5	4	1	10	8	2
From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)	-	-	-	2	2	-	2	2	-	2	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)	-	-	-	-	-	-	1	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)	5	3	2	-	-	-	2	2	-	3	3	-	5	4	1
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.

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989
(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	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	2,150,466	39,655	2,932	1,784	1,417	1,159	46,947	4,313	4,601	15,570	20,918	26,930	33,594	37,862
All races, male	1,114,190	22,361	1,578	1,024	821	687	26,471	2,510	2,914	11,263	15,902	19,932	24,222	26,742
All races, female	1,036,276	17,294	1,354	760	596	472	20,476	1,803	1,687	4,307	5,016	6,998	9,372	11,120
White, male	950,852	14,760	1,068	744	588	510	17,670	1,864	2,211	8,450	11,560	14,640	17,498	19,234
White, female	902,989	11,034	937	527	418	341	13,257	1,323	1,256	3,495	3,672	4,874	6,378	7,651
Black, male	146,393	6,842	434	239	195	153	7,863	559	603	2,456	3,846	4,772	6,203	6,938
Black, female	121,249	5,685	359	196	141	113	6,494	394	364	664	1,191	1,913	2,744	3,112
I. Infectious and parasitic diseases (001-139)	52,851	881	198	93	66	46	1,284	142	87	190	820	3,258	5,773	5,925
All races, male	34,816	477	100	49	31	26	683	82	43	109	619	2,741	4,894	5,184
All races, female	18,035	404	98	44	35	20	601	60	44	81	201	517	879	741
White, male	25,665	283	54	30	18	17	402	60	33	77	398	1,878	3,389	3,567
White, female	13,483	214	58	21	23	14	330	41	28	52	111	234	375	305
Black, male	8,632	176	43	15	12	9	255	19	8	30	212	836	1,461	1,570
Black, female	4,294	176	36	21	9	6	248	18	12	26	85	273	498	430
Intestinal infectious diseases (001-009)	463	100	10	5	2	1	118	6	3	-	2	4	8	6
All races, male	231	63	3	2	1	-	70	3	2	-	1	4	5	3
All races, female	232	37	7	3	1	1	48	3	1	-	1	-	3	3
White, male	168	29	1	1	-	-	31	1	2	-	1	4	3	3
White, female	177	15	4	1	-	1	21	1	1	-	-	-	-	1
Black, male	53	32	1	1	1	-	35	1	-	-	-	-	2	-
Black, female	51	19	3	1	1	-	24	1	-	-	1	-	3	2
Cholera and typhoid and paratyphoid fevers (001-002)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	16	-	1	1	2	-	4	3	-	-	-	-	-	1
All races, male	5	-	-	1	-	-	1	1	-	-	-	-	-	1
All races, female	11	-	1	1	1	-	3	2	-	-	-	-	-	-
White, male	3	-	-	-	-	-	-	1	-	-	-	-	-	1
White, female	6	-	1	-	-	-	1	-	-	-	-	-	-	-
Black, male	1	-	-	-	1	-	1	-	-	-	-	-	-	-
Black, female	4	-	-	1	1	-	2	1	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	103	8	1	-	-	-	9	1	-	-	-	2	3	3
All races, male	49	6	-	-	-	-	6	1	-	-	-	2	-	1
All races, female	54	2	1	-	-	-	3	-	-	-	-	-	3	2
White, male	41	5	-	-	-	-	5	-	-	-	-	2	-	1
White, female	39	1	-	-	-	-	1	-	-	-	-	-	-	1
Black, male	5	1	-	-	-	-	1	-	-	-	-	-	-	-
Black, female	15	1	1	-	-	-	2	-	-	-	-	-	3	1
Amebiasis (006)	4	-	-	-	-	-	-	-	-	-	-	-	1	-
All races, male	4	-	-	-	-	-	-	-	-	-	-	-	1	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	3	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	174	8	6	1	-	1	16	2	3	-	2	1	3	2
All races, male	76	5	1	-	-	-	7	1	2	-	1	1	3	1
All races, female	98	3	5	-	-	1	9	1	1	-	1	-	-	1
White, male	66	4	1	1	-	-	6	-	2	-	1	1	2	1
White, female	86	2	3	-	-	1	6	1	1	-	-	-	-	-
Black, male	8	1	-	-	-	-	1	1	-	-	-	-	1	-
Black, female	12	1	2	-	-	-	3	-	-	-	1	-	-	1
Ill-defined intestinal infections (009)	165	84	2	3	-	-	89	-	-	-	-	1	1	-
All races, male	96	52	2	2	-	-	56	-	-	-	-	1	1	-
All races, female	69	32	-	1	-	-	33	-	-	-	-	-	-	-
White, male	54	20	-	-	-	-	20	-	-	-	-	1	1	-
White, female	46	12	-	1	-	-	13	-	-	-	-	-	-	-
Black, male	38	30	1	1	-	-	32	-	-	-	-	-	-	-
Black, female	20	17	-	-	-	-	17	-	-	-	-	-	-	-
Tuberculosis (010-018)	1,970	1	5	-	1	1	8	3	-	3	22	41	86	94
All races, male	1,284	-	4	-	1	1	6	2	-	3	16	21	62	71
All races, female	686	1	1	-	-	-	2	1	-	-	6	20	24	23
White, male	724	-	1	-	1	-	2	1	-	-	9	8	23	25
White, female	428	1	-	-	-	-	1	1	-	-	1	4	5	12
Black, male	485	-	3	-	-	1	4	-	-	3	7	13	36	44
Black, female	222	-	1	-	-	-	1	-	-	-	3	16	19	11
Tuberculosis of respiratory system (010-012)	1,536	-	1	-	-	-	1	2	-	1	13	26	62	68
All races, male	1,042	-	1	-	-	-	1	1	-	1	10	15	46	55
All races, female	494	-	-	-	-	-	-	1	-	-	3	11	16	13
White, male	600	-	-	-	-	-	-	-	-	-	6	6	16	19
White, female	327	-	-	-	-	-	-	1	-	-	-	1	2	8
Black, male	386	-	1	-	-	-	1	-	-	1	4	9	28	35
Black, female	147	-	-	-	-	-	-	-	-	-	2	10	14	5
Other tuberculosis (013-018)	434	1	4	-	1	1	7	1	-	2	9	15	24	26
All races, male	242	-	3	-	1	1	5	1	-	2	6	6	16	16
All races, female	192	1	1	-	-	-	2	-	-	-	3	9	8	10
White, male	124	-	1	-	1	-	2	1	-	-	3	2	7	6
White, female	101	1	-	-	-	-	1	-	-	-	1	3	3	4
Black, male	99	-	2	-	-	1	3	-	-	2	3	4	8	9
Black, female	75	-	1	-	-	-	1	-	-	-	1	6	5	6

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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	43,057	50,857	67,409	101,474	158,584	219,097	262,127	301,225	297,981	241,948	146,253	57,214	11,943	562
All races, male	28,586	32,718	42,105	62,981	96,628	129,847	148,559	157,090	135,580	90,300	43,244	13,800	2,391	405
All races, female	14,471	18,139	25,304	38,493	61,956	89,250	113,568	144,135	162,401	151,648	103,009	43,414	9,552	157
White, male	21,376	25,166	32,966	51,499	81,919	112,194	131,599	140,663	123,249	82,274	39,950	12,605	1,984	281
White, female	10,670	13,797	19,704	30,915	51,102	75,640	99,105	127,558	147,693	139,574	96,611	40,349	8,322	103
Black, male	6,593	6,857	8,317	10,446	13,340	16,031	15,209	14,555	10,644	6,835	2,820	1,041	360	115
Black, female	3,442	3,924	5,012	6,812	9,922	12,421	13,298	15,260	13,561	11,000	5,728	2,790	1,151	52
I. Infectious and parasitic diseases (001-139)	4,493	2,981	2,148	1,990	2,371	2,937	3,360	4,109	4,212	3,643	2,111	823	177	17
All races, male	3,918	2,540	1,693	1,407	1,498	1,699	1,812	2,007	1,768	1,257	597	200	49	16
All races, female	575	441	455	583	873	1,238	1,548	2,102	2,444	2,386	1,514	623	128	1
White, male	2,761	1,872	1,226	1,031	1,160	1,328	1,494	1,684	1,503	1,085	527	170	33	7
White, female	283	245	277	415	680	960	1,244	1,718	2,117	2,068	1,358	560	102	-
Black, male	1,104	628	438	342	302	341	289	279	232	171	65	26	16	8
Black, female	277	184	164	145	196	256	286	357	309	299	146	61	23	1
Intestinal infectious diseases (001-009)	9	8	7	9	21	38	34	52	47	47	30	12	2	-
All races, male	8	5	5	7	11	22	16	26	13	16	11	2	1	-
All races, female	1	3	2	2	10	16	18	26	34	31	19	10	1	-
White, male	5	2	3	6	9	20	15	22	13	14	11	2	1	-
White, female	1	3	1	1	8	13	15	24	32	28	17	9	1	-
Black, male	2	3	1	1	1	2	-	3	-	2	-	1	-	-
Black, female	-	-	1	1	2	3	3	2	2	3	2	1	-	-
Cholera and typhoid and paratyphoid fevers (001-002)	-	-	-	-	-	-	-	-	-	1	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	1	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	1	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	1	-	3	1	3	-	-	-	-
All races, male	-	-	-	-	-	-	-	2	-	-	-	-	-	-
All races, female	-	-	-	-	-	1	-	1	3	-	-	-	-	-
White, male	-	-	-	-	-	-	-	1	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	1	3	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003,005)	4	4	3	2	6	12	11	11	15	7	8	2	-	-
All races, male	3	3	1	1	4	10	5	4	4	2	2	-	-	-
All races, female	1	1	2	1	2	2	6	7	11	5	6	2	-	-
White, male	2	1	-	1	4	9	4	4	4	2	2	-	-	-
White, female	1	1	1	-	2	1	3	7	10	5	5	1	-	-
Black, male	1	2	-	-	1	-	-	-	-	-	-	-	-	-
Black, female	-	-	1	1	1	3	-	1	1	1	1	1	-	-
Amebiasis (006)	1	-	-	-	-	-	-	2	-	-	-	-	-	-
All races, male	1	-	-	-	-	-	-	2	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	1	-	-	-	-	-	-	2	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal infections due to other specified organisms (007-008)	3	2	2	3	7	14	14	20	23	28	19	8	2	-
All races, male	3	1	2	3	3	6	7	10	5	10	8	1	1	-
All races, female	-	1	-	-	4	8	7	10	18	18	11	7	1	-
White, male	2	-	2	3	1	6	7	9	5	8	8	1	1	-
White, female	-	1	-	-	3	7	7	8	18	16	10	7	1	-
Black, male	-	1	-	-	1	-	-	1	-	2	-	-	-	-
Black, female	-	-	-	-	1	1	-	2	-	2	1	-	-	-
Ill-defined intestinal infections (009)	1	2	2	4	8	11	9	16	8	8	3	2	-	-
All races, male	1	1	2	3	4	6	4	8	4	3	1	1	-	-
All races, female	-	1	-	1	4	5	5	8	4	5	2	1	-	-
White, male	-	1	1	2	4	5	4	6	4	3	1	1	-	-
White, female	-	1	-	1	3	5	5	8	3	4	2	1	-	-
Black, male	1	-	1	1	-	1	-	2	-	-	-	-	-	-
Black, female	-	-	-	-	1	-	-	-	1	1	-	-	-	-
Tuberculosis (010-018)	106	109	92	125	145	208	218	237	229	157	65	18	2	2
All races, male	88	85	64	95	95	143	138	141	120	83	38	9	1	2
All races, female	18	24	28	29	50	65	80	96	109	74	27	9	1	-
White, male	36	28	27	43	62	89	92	91	88	60	29	9	1	1
White, female	6	9	8	15	34	40	52	65	89	56	23	7	-	-
Black, male	49	49	35	45	23	47	39	36	24	21	8	-	-	1
Black, female	9	13	19	9	15	21	23	27	16	15	3	1	1	-
Tuberculosis of respiratory system (010-012)	78	80	67	100	110	167	174	184	192	135	59	14	2	1
All races, male	67	67	51	81	77	120	112	117	103	74	34	8	1	1
All races, female	11	13	16	19	33	47	62	67	89	61	25	6	1	-
White, male	24	23	22	35	52	77	78	77	77	53	25	8	1	1
White, female	3	4	5	11	23	31	42	49	72	47	23	5	-	-
Black, male	41	40	29	41	18	38	27	27	20	19	8	-	-	-
Black, female	7	8	11	3	9	15	18	15	13	13	2	1	1	-
Other tuberculosis (013-018)	28	29	25	25	35	41	44	53	37	22	6	4	-	1
All races, male	21	18	13	15	18	23	26	24	17	9	4	1	-	1
All races, female	7	11	12	10	17	18	18	29	20	13	2	3	-	-
White, male	12	5	5	8	10	12	14	14	11	7	4	1	-	-
White, female	3	5	3	4	11	9	10	16	17	9	-	2	-	-
Black, male	9	9	6	4	5	9	12	9	4	2	-	-	-	1
Black, female	2	5	8	6	6	6	5	12	3	2	1	-	-	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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
Zoonotic and other bacterial diseases (020-041)	20,551	374	75	38	26	15	526	40	31	67	70	148	243	315
All races, male	9,144	201	39	18	14	8	280	21	12	32	43	88	147	189
All races, female	11,407	173	36	18	12	7	246	19	19	35	27	60	96	116
White, male	7,265	132	26	17	10	6	191	16	9	25	29	57	95	114
White, female	9,297	102	24	10	6	6	148	12	15	23	17	36	52	64
Black, male	1,750	63	12	4	2	2	81	4	3	7	13	28	52	83
Black, female	1,996	67	11	7	3	1	89	7	3	10	10	21	43	51
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 (039)	12	9	3	-	-	-	12	-	-	-	-	-	-	-
All races, male	4	3	1	-	-	-	4	-	-	-	-	-	-	-
All races, female	8	6	2	-	-	-	8	-	-	-	-	-	-	-
White, male	3	2	1	-	-	-	3	-	-	-	-	-	-	-
White, female	7	5	2	-	-	-	7	-	-	-	-	-	-	-
Black, male	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Black, female	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	17	1	1	-	-	-	2	-	-	1	1	-	-	-
All races, male	6	1	-	-	-	-	1	-	-	1	1	-	-	-
All races, female	11	-	1	-	-	-	1	-	-	-	-	-	-	-
White, male	5	1	-	-	-	-	1	-	-	1	1	-	-	-
White, female	11	-	1	-	-	-	1	-	-	-	-	-	-	-
Black, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	273	58	24	11	11	2	106	19	12	29	9	3	5	7
All races, male	127	28	12	6	5	-	51	11	3	16	7	-	4	2
All races, female	146	30	12	5	6	2	55	8	9	13	2	3	1	5
White, male	103	22	8	6	3	-	39	8	1	14	6	-	4	1
White, female	111	21	10	4	3	2	40	3	7	7	2	2	1	5
Black, male	22	6	3	-	2	-	11	3	2	2	1	-	-	1
Black, female	28	6	2	1	2	-	11	5	2	4	-	1	-	-
Tetanus (037)	9	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	3	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	6	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	2	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	19,333	290	45	23	14	12	384	16	17	35	52	122	200	274
All races, male	8,489	161	24	11	8	7	211	7	8	14	28	71	114	173
All races, female	10,844	129	21	12	6	5	173	9	9	21	24	51	86	101
White, male	6,728	101	16	10	6	5	138	5	7	9	20	42	69	101
White, female	8,829	72	11	6	3	4	96	7	7	15	14	30	45	54
Black, male	1,643	54	8	-	2	2	66	1	1	5	7	26	45	70
Black, female	1,912	56	9	5	1	1	72	2	1	6	10	18	40	46
All other bacterial diseases (020-022,024-031,039-041)	907	16	2	2	1	1	22	5	2	2	8	23	38	34
All races, male	515	8	2	1	1	1	13	3	1	1	7	17	29	24
All races, female	392	8	-	1	-	-	9	2	1	1	1	6	9	10
White, male	424	6	1	1	1	1	10	3	1	1	2	15	22	12
White, female	334	4	-	-	-	-	4	2	1	1	1	4	6	5
Black, male	82	2	1	-	-	-	3	-	-	-	5	2	7	12
Black, female	54	4	-	1	-	-	5	-	-	-	2	3	3	5
Viral diseases (*042-*044,045-079)	25,182	259	95	45	30	23	452	73	42	93	658	2,903	5,124	5,178
All races, male	21,490	138	48	24	13	12	235	42	26	62	515	2,512	4,458	4,670
All races, female	3,692	121	47	21	17	11	217	31	16	31	143	391	666	508
White, male	15,571	81	22	9	6	7	125	30	19	45	328	1,736	3,148	3,291
White, female	2,105	60	24	9	12	6	111	22	6	17	74	170	279	192
Black, male	5,671	51	25	14	6	5	101	12	5	16	180	755	1,272	1,343
Black, female	1,520	57	20	11	5	5	98	9	8	13	66	215	384	311
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)	32	8	6	6	-	-	20	2	1	2	-	2	2	1
All races, male	16	6	1	3	-	-	10	1	-	2	-	1	1	1
All races, female	16	2	5	3	-	-	10	1	-	-	-	1	1	-
White, male	10	3	1	1	-	-	5	1	-	2	-	1	1	1
White, female	8	2	2	-	-	-	4	-	-	-	-	-	-	-
Black, male	6	3	-	2	-	-	5	-	1	-	-	-	1	-
Black, female	5	-	1	2	-	-	3	1	-	-	-	1	-	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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)	4	-	-	-	-	-	-	-	1	-	1	2	-	-
All races, male	3	-	-	-	-	-	-	-	1	-	1	1	-	-
All races, female	1	-	-	-	-	-	-	-	-	-	-	1	-	-
White, male	3	-	-	-	-	-	-	-	1	-	1	1	-	-
White, female	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	1,516	7	2	1	2	-	12	2	3	16	44	53	85	84
All races, male	906	3	2	1	1	-	7	2	2	9	22	30	61	62
All races, female	610	4	-	-	1	-	5	-	1	7	22	23	24	22
White, male	744	-	1	1	1	-	3	1	-	7	15	23	49	49
White, female	488	4	-	-	1	-	5	-	-	6	11	13	12	16
Black, male	106	3	1	-	-	-	4	1	1	2	5	7	10	11
Black, female	100	-	-	-	-	-	-	-	1	1	9	10	11	6
Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)	23,629	244	87	38	28	23	420	69	37	75	613	2,846	5,037	5,083
All races, male	20,564	129	45	20	12	12	218	39	23	51	492	2,480	4,396	4,607
All races, female	3,065	115	42	18	16	11	202	30	14	24	121	366	641	486
White, male	14,813	78	20	7	5	7	117	28	18	36	312	1,711	3,099	3,241
White, female	1,609	54	22	9	11	6	102	22	5	11	63	156	266	176
Black, male	5,559	45	24	12	6	5	92	11	4	14	175	748	1,261	1,332
Black, female	1,415	57	19	9	5	5	95	8	7	12	57	204	373	305
Rickettsioses and other arthropod-borne diseases (080-088)	29	-	1	-	1	-	2	-	1	-	1	2	1	1
All races, male	17	-	1	-	-	-	1	-	-	-	-	1	1	1
All races, female	12	-	-	-	1	-	1	-	1	-	1	1	-	-
White, male	15	-	-	-	-	-	-	-	-	-	-	-	1	1
White, female	8	-	-	-	1	-	1	-	1	-	1	-	-	-
Black, male	2	-	1	-	-	-	1	-	-	-	-	1	-	-
Black, female	3	-	-	-	-	-	-	-	-	-	-	1	-	-
Typhus and other rickettsioses (080-083)	11	-	-	-	1	-	1	-	-	-	-	-	-	1
All races, male	6	-	-	-	-	-	-	-	-	-	-	-	-	1
All races, female	5	-	-	-	1	-	1	-	-	-	-	-	-	-
White, male	6	-	-	-	-	-	-	-	-	-	-	-	-	1
White, female	3	-	-	-	1	-	1	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (084)	11	-	1	-	-	-	1	-	1	-	1	1	1	-
All races, male	7	-	1	-	-	-	1	-	-	-	-	-	1	-
All races, female	4	-	-	-	-	-	-	-	1	-	1	1	-	-
White, male	6	-	-	-	-	-	-	-	-	-	-	-	1	-
White, female	2	-	-	-	-	-	-	-	1	-	1	-	-	-
Black, male	1	-	1	-	-	-	1	-	-	-	-	-	-	-
Black, female	1	-	-	-	-	-	-	-	-	-	-	1	-	-
All other arthropod-borne diseases (085-088)	7	-	-	-	-	-	-	-	-	-	-	1	-	-
All races, male	4	-	-	-	-	-	-	-	-	-	-	1	-	-
All races, female	3	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	3	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	113	19	-	-	-	-	19	1	1	-	1	3	8	3
All races, male	70	10	-	-	-	-	10	-	1	-	-	3	7	3
All races, female	43	9	-	-	-	-	9	1	-	-	1	-	1	-
White, male	32	3	-	-	-	-	3	-	1	-	-	2	1	2
White, female	20	1	-	-	-	-	1	-	-	-	-	-	-	-
Black, male	36	7	-	-	-	-	7	-	-	-	-	1	6	1
Black, female	23	8	-	-	-	-	8	1	-	-	1	-	1	-
Syphilis (090-097)	105	19	-	-	-	-	19	1	1	-	-	3	7	2
All races, male	65	10	-	-	-	-	10	-	1	-	-	3	7	2
All races, female	40	9	-	-	-	-	9	1	-	-	-	-	-	-
White, male	27	3	-	-	-	-	3	-	1	-	-	2	1	1
White, female	20	1	-	-	-	-	1	-	-	-	-	-	-	-
Black, male	36	7	-	-	-	-	7	-	-	-	-	1	6	1
Black, female	20	8	-	-	-	-	8	1	-	-	-	1	1	-
Cardiovascular syphilis (093)	14	-	-	-	-	-	-	-	-	-	-	-	1	-
All races, male	7	-	-	-	-	-	-	-	-	-	-	-	1	-
All races, female	7	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	2	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	4	-	-	-	-	-	-	-	-	-	-	-	1	-
Black, female	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Neurosyphilis (094)	47	-	-	-	-	-	-	-	-	-	-	2	4	2
All races, male	31	-	-	-	-	-	-	-	-	-	-	2	4	2
All races, female	16	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	9	-	-	-	-	-	-	-	-	-	-	1	-	1
White, female	11	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	21	-	-	-	-	-	-	-	-	-	-	1	4	1
Black, female	5	-	-	-	-	-	-	-	-	-	-	-	-	-
All other syphilis (090-091,095-097)	44	19	-	-	-	-	19	1	1	-	-	1	2	-
All races, male	27	10	-	-	-	-	10	-	1	-	-	1	2	-
All races, female	17	9	-	-	-	-	9	1	-	-	-	-	-	-
White, male	16	3	-	-	-	-	3	-	1	-	-	1	1	-
White, female	4	1	-	-	-	-	1	-	-	-	-	-	-	-
Black, male	11	7	-	-	-	-	7	-	-	-	-	-	1	-
Black, female	13	8	-	-	-	-	8	1	-	-	-	-	-	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne encephalitis (062-064)	-	-	-	-	-	-	-	1	-	-	-	-	-	-
All races, male	-	-	-	-	-	-	-	1	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	-	-	1	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis (070)	103	90	93	108	136	191	171	138	115	52	16	3	1	-
All races, male	75	64	63	71	89	104	99	71	51	16	5	2	1	-
All races, female	28	26	30	37	47	87	72	67	64	36	11	1	-	-
White, male	58	50	46	55	68	94	91	65	47	16	4	2	1	-
White, female	20	21	25	29	39	68	60	59	61	32	10	1	-	-
Black, male	12	9	7	8	10	8	5	2	3	-	1	-	-	-
Black, female	5	4	3	6	5	14	10	7	3	4	1	-	-	-
Other viral diseases (*042-044,046-049,051-054,057-061,065-066,071-079)	3,593	2,141	1,246	786	530	350	240	183	127	101	84	32	13	13
All races, male	3,316	2,004	1,144	700	453	258	150	94	53	37	27	5	4	13
All races, female	277	137	102	86	77	92	90	89	74	64	57	27	9	-
White, male	2,402	1,538	869	543	357	203	132	84	49	35	27	4	3	5
White, female	107	65	57	58	64	83	78	78	67	62	55	27	7	-
Black, male	879	444	267	151	93	51	16	10	2	1	-	-	1	7
Black, female	166	71	44	24	11	7	12	9	6	1	2	-	1	-
Rickettsioses and other arthropod-borne diseases (080-088)	1	1	1	4	2	4	2	4	2	-	-	-	-	-
All races, male	1	1	1	2	1	2	1	3	1	-	-	-	-	-
All races, female	-	-	-	2	1	2	1	1	1	-	-	-	-	-
White, male	1	1	1	2	1	2	1	3	1	-	-	-	-	-
White, female	-	-	-	2	-	1	-	1	1	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Typhus and other rickettsioses (080-083)	-	-	1	3	-	2	2	1	-	-	-	-	-	-
All races, male	-	-	1	1	-	1	1	1	-	-	-	-	-	-
All races, female	-	-	-	2	-	1	1	-	-	-	-	-	-	-
White, male	-	-	1	1	-	1	1	1	-	-	-	-	-	-
White, female	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Malaria (084)	-	1	-	1	1	1	-	2	-	-	-	-	-	-
All races, male	-	1	-	1	1	1	-	2	-	-	-	-	-	-
All races, female	-	-	-	-	1	-	-	-	-	-	-	-	-	-
White, male	-	1	-	1	-	1	-	2	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other arthropod-borne diseases (085-088)	1	-	-	-	1	1	-	1	2	-	-	-	-	-
All races, male	1	-	-	-	1	-	-	1	1	-	-	-	-	-
All races, female	-	-	-	-	-	1	-	1	1	-	-	-	-	-
White, male	1	-	-	-	1	-	-	1	1	-	-	-	-	-
White, female	-	-	-	-	-	1	-	1	1	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and other venereal diseases (090-099)	2	4	5	6	4	8	9	12	11	14	-	1	1	-
All races, male	2	2	3	6	1	6	3	9	5	7	-	1	1	-
All races, female	-	2	2	-	3	2	6	3	6	7	-	-	-	-
White, male	1	1	1	3	-	3	2	6	1	4	-	1	-	-
White, female	-	2	-	-	3	-	3	1	4	6	-	-	-	-
Black, male	1	1	2	2	1	3	1	3	3	3	-	-	1	-
Black, female	-	-	2	-	2	2	3	2	2	1	-	-	-	-
Syphilis (090-097)	2	4	3	6	4	7	8	12	11	13	-	1	1	-
All races, male	2	2	2	6	1	5	2	9	5	6	-	1	1	-
All races, female	-	2	1	-	3	2	6	3	6	7	-	-	-	-
White, male	1	1	-	3	-	2	1	6	1	3	-	1	-	-
White, female	-	2	-	-	3	-	3	1	4	6	-	-	-	-
Black, male	1	1	2	2	1	3	1	3	3	3	-	-	1	-
Black, female	-	-	1	-	-	2	3	2	2	1	-	-	-	-
Cardiovascular syphilis (093)	-	-	2	-	-	-	2	2	2	5	-	-	-	-
All races, male	-	-	1	-	-	-	2	1	2	-	-	-	-	-
All races, female	-	-	1	-	-	-	-	1	3	-	-	-	-	-
White, male	-	-	-	-	-	-	-	1	1	-	-	-	-	-
White, female	-	-	-	-	-	-	1	-	3	-	-	-	-	-
Black, male	-	-	1	-	-	-	-	1	1	-	-	-	-	-
Black, female	-	-	1	-	-	-	1	-	-	-	-	-	-	-
Neurosyphilis (094)	1	2	1	3	3	5	5	5	7	5	-	1	1	-
All races, male	1	1	1	3	1	3	2	3	4	2	-	1	1	-
All races, female	-	1	-	-	2	2	3	2	3	3	-	-	-	-
White, male	-	1	-	-	-	1	1	1	1	1	-	1	-	-
White, female	-	1	-	-	2	-	2	1	2	3	-	-	-	-
Black, male	1	-	1	2	1	2	1	2	3	1	-	-	1	-
Black, female	-	-	-	-	-	2	1	1	1	-	-	-	-	-
All other syphilis (090-091,095-097)	1	2	-	3	1	2	1	5	2	3	-	-	-	-
All races, male	1	1	-	3	-	2	-	4	-	2	-	-	-	-
All races, female	-	1	-	-	1	-	1	1	2	1	-	-	-	-
White, male	1	-	-	3	-	1	-	4	-	1	-	-	-	-
White, female	-	1	-	-	1	-	-	1	-	-	-	-	-	-
Black, male	-	1	-	-	1	-	-	-	1	-	-	-	-	-
Black, female	-	-	-	-	-	-	1	1	1	1	-	-	-	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	1	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	1	1	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	1	1	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal diseases (099)	-	-	2	-	-	-	-	-	-	1	-	-	-	-
All races, male	-	-	1	-	-	-	-	-	-	1	-	-	-	-
All races, female	-	-	1	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	1	-	-	-	-	-	-	1	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases and late effects of														
Infectious and parasitic diseases (100-139)	300	247	224	280	357	476	478	469	330	190	91	28	5	-
All races, male	198	158	134	157	194	259	235	253	159	84	23	9	1	-
All races, female	102	89	90	123	163	217	243	216	171	106	68	19	4	-
White, male	112	103	96	120	161	216	208	213	137	76	20	5	1	-
White, female	50	46	59	84	128	171	198	189	160	92	63	17	4	-
Black, male	81	53	34	33	28	38	25	38	18	8	2	3	-	-
Black, female	49	41	28	35	33	42	38	23	10	14	5	2	-	-
Mycoses (110-118)	111	103	102	148	214	278	300	300	207	106	50	8	2	-
All races, male	71	65	55	85	115	161	154	165	108	54	13	4	1	-
All races, female	40	38	47	63	99	117	146	135	99	52	37	4	1	-
White, male	43	44	45	71	98	133	138	136	92	51	11	2	1	-
White, female	26	26	37	45	83	96	119	116	91	44	33	3	1	-
Black, male	26	19	8	12	15	26	15	27	13	3	2	2	-	-
Black, female	11	11	9	15	15	18	22	17	7	8	4	1	-	-
Helminthiases (120-129)	3	1	-	8	1	3	6	1	5	1	-	-	-	-
All races, male	2	1	-	8	-	3	3	1	4	-	-	-	-	-
All races, female	1	-	-	-	1	-	3	-	1	1	-	-	-	-
White, male	-	1	-	7	-	1	3	1	4	-	-	-	-	-
White, female	1	-	-	-	1	-	2	-	1	1	-	-	-	-
Black, male	2	-	-	1	-	1	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Late effects of tuberculosis (137)	1	3	6	4	9	24	40	45	35	20	6	2	-	-
All races, male	1	2	5	4	5	16	14	21	16	9	2	1	-	-
All races, female	-	1	1	-	4	8	26	24	19	11	4	1	-	-
White, male	1	1	3	2	4	13	11	17	12	7	2	1	-	-
White, female	-	1	-	-	2	5	23	22	19	9	4	1	-	-
Black, male	-	1	1	2	-	1	2	4	3	2	-	-	-	-
Black, female	-	-	-	-	2	2	2	1	-	2	-	-	-	-
Late effects of acute poliomyelitis (138)	9	5	10	14	22	24	25	20	17	5	5	1	-	-
All races, male	7	4	3	8	12	15	16	10	8	5	1	-	-	-
All races, female	2	1	7	6	10	9	9	10	9	-	4	1	-	-
White, male	7	3	3	7	11	15	16	10	8	5	1	-	-	-
White, female	2	1	7	6	10	9	9	10	9	-	4	1	-	-
Black, male	-	1	2	1	1	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other infectious and parasitic diseases and late effects of														
other infectious and parasitic diseases (100-104,130-136,139)	176	135	106	106	111	147	107	103	66	58	30	17	3	-
All races, male	117	86	71	52	62	84	48	56	23	16	7	4	-	-
All races, female	59	49	35	54	49	63	59	47	43	42	23	13	3	-
White, male	61	54	45	33	48	54	40	49	21	13	6	2	-	-
White, female	21	18	15	33	32	61	45	41	40	38	22	12	3	-
Black, male	53	32	25	17	12	10	8	7	2	3	-	1	-	-
Black, female	38	30	19	20	16	22	13	5	3	4	1	-	-	-
II. Neoplasms (140-239)														
All races, male	10,029	15,579	23,969	37,842	58,982	75,904	80,671	75,367	57,244	33,486	13,966	3,603	498	23
All races, female	4,415	7,595	12,345	20,795	33,199	42,730	45,383	40,855	29,299	15,261	5,507	1,268	144	11
White, male	5,614	7,984	11,624	17,147	25,783	33,174	35,288	34,512	27,945	18,225	8,459	2,535	354	12
White, female	3,513	6,067	9,906	17,199	28,551	37,078	40,031	36,283	26,329	13,684	4,860	1,129	111	5
Black, male	4,605	6,577	9,735	14,662	22,410	29,156	31,705	31,184	25,630	16,688	7,870	2,313	291	10
Black, female	771	1,374	2,221	3,285	4,179	5,153	4,799	4,115	2,644	1,395	489	125	29	6
Black, female	876	1,234	1,662	2,199	3,047	3,613	3,227	3,009	2,096	1,388	530	205	59	2
Malignant neoplasms, including neoplasms of lymphatic and														
hematopoietic tissues (140-208)	9,860	15,401	23,737	37,633	58,478	75,222	79,806	74,387	56,225	32,769	13,610	3,699	488	22
All races, male	4,342	7,504	12,211	20,636	32,947	42,388	44,962	40,426	28,866	15,002	5,398	1,247	141	11
All races, female	5,518	7,897	11,526	16,997	25,531	32,834	34,844	33,961	27,359	17,767	8,212	2,452	347	11
White, male	3,448	5,990	9,794	17,073	28,328	36,779	39,656	35,896	25,920	13,452	4,659	1,109	108	5
White, female	4,532	6,505	9,656	14,537	22,189	28,870	31,320	30,691	25,096	16,268	7,645	2,241	287	9
Black, male	764	1,362	2,202	3,253	4,152	5,113	4,761	4,078	2,623	1,372	482	124	29	6
Black, female	858	1,219	1,645	2,176	3,021	3,567	3,173	2,956	2,049	1,352	512	196	56	2
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)														
All races, male	204	378	566	968	1,233	1,270	1,168	909	621	367	163	59	9	3
All races, female	149	296	419	697	894	873	759	544	343	160	61	20	3	3
White, male	55	82	147	271	339	397	409	365	278	207	102	39	6	-
White, female	91	182	285	515	731	723	665	487	314	146	58	19	3	-
Black, male	33	53	103	224	283	342	383	335	264	193	100	36	6	-
Black, female	50	105	121	163	149	139	84	50	24	12	3	1	-	3
Black, female	16	28	43	43	50	44	22	26	9	12	1	3	-	-
Of lip (140)														
All races, male	1	3	5	8	10	11	11	20	16	11	5	4	-	-
All races, female	-	4	7	10	9	11	18	10	4	3	-	-	-	-
White, male	-	-	1	1	-	2	-	2	6	7	2	4	-	-
White, female	1	3	4	7	10	9	11	18	10	3	3	-	-	-
Black, male	-	-	1	1	-	2	-	-	6	7	2	3	-	-
Black, female	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Black, female	-	-	-	-	-	-	-	1	-	-	-	1	-	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—Con.

(Page 10 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
Malignant neoplasms of lip, oral cavity, and pharynx-Con.														
Of tongue (141)	45	104	142	222	307	268	264	225	134	87	36	12	1	1
All races, male	39	79	100	157	226	187	166	131	65	34	11	4	1	1
All races, female	6	25	42	65	81	81	98	94	69	53	25	8	-	-
White, male	24	50	72	111	180	152	149	117	60	33	11	4	1	-
White, female	3	18	28	54	63	69	94	86	66	51	25	8	-	-
Black, male	14	29	28	44	42	33	15	12	4	1	-	-	-	1
Black, female	3	7	14	11	16	11	4	8	2	1	-	-	-	-
Of pharynx (146-149.0)	96	183	296	511	625	667	567	374	247	112	44	9	2	1
All races, male	76	151	227	370	455	472	384	239	157	61	19	5	1	1
All races, female	20	32	69	141	170	195	183	135	90	51	25	4	1	-
White, male	43	88	143	271	367	383	320	208	145	52	19	4	1	-
White, female	12	21	50	116	140	171	170	128	85	44	24	3	1	-
Black, male	26	54	72	82	78	81	56	27	10	7	-	1	-	1
Black, female	4	10	18	24	27	19	10	6	3	7	-	1	-	-
Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)	62	88	123	227	291	324	326	290	224	157	78	34	6	1
All races, male	33	63	88	163	203	205	198	156	111	61	28	11	1	1
All races, female	29	25	35	64	88	119	128	134	113	96	50	23	5	-
White, male	23	41	66	126	174	179	185	144	99	58	25	11	1	-
White, female	18	14	24	53	80	100	119	121	107	91	49	22	5	-
Black, male	10	22	21	37	29	25	13	11	10	3	3	-	-	1
Black, female	9	11	11	8	7	14	8	11	4	4	1	1	-	-
Malignant neoplasms of digestive organs and peritoneum (150-159)														
All races, male	1,628	2,792	4,728	7,876	12,596	17,262	19,512	19,263	15,958	10,325	4,550	1,279	183	6
All races, female	1,000	1,777	2,935	4,940	7,762	10,184	11,008	9,745	7,194	3,917	1,424	318	37	2
White, male	628	1,015	1,793	2,936	4,834	7,078	8,504	9,518	8,764	6,408	3,126	961	146	4
White, female	756	1,348	2,237	3,957	6,516	8,699	9,583	8,581	6,450	3,490	1,287	286	29	1
Black, male	486	799	1,435	2,349	3,989	5,932	7,402	8,380	7,879	5,788	2,888	878	124	3
Black, female	195	364	615	874	1,070	1,297	1,197	1,009	633	356	118	27	7	1
Black, female	113	174	306	508	757	1,026	989	1,019	806	552	206	72	20	1
Of esophagus (150)	180	350	596	994	1,402	1,770	1,534	1,264	811	416	165	39	3	2
All races, male	157	294	495	823	1,127	1,361	1,127	859	513	224	76	9	-	2
All races, female	23	56	101	171	275	409	407	405	298	192	89	30	3	-
White, male	106	186	313	560	855	1,058	922	729	458	198	70	9	-	1
White, female	11	25	53	114	188	288	345	339	270	171	84	30	3	-
Black, male	48	104	180	251	257	287	188	119	48	19	5	-	-	1
Black, female	12	31	46	54	85	120	56	63	25	19	5	-	-	-
Of stomach (151)	239	396	618	929	1,430	1,935	2,241	2,192	1,902	1,280	529	158	21	1
All races, male	151	278	442	668	992	1,294	1,437	1,292	996	565	186	41	9	-
All races, female	88	118	176	261	438	641	804	900	906	715	343	117	12	1
White, male	110	201	329	515	790	1,029	1,139	1,071	855	483	158	37	6	-
White, female	56	91	129	208	338	506	649	761	611	293	100	10	1	-
Black, male	36	59	93	139	174	215	234	187	117	67	24	2	3	-
Black, female	18	17	31	43	81	120	134	115	119	85	42	13	2	-
Of small intestine, including duodenum (152)	20	44	50	71	104	120	150	116	108	70	18	4	1	-
All races, male	9	32	30	43	70	60	84	62	44	33	3	1	-	-
All races, female	11	12	20	28	34	60	66	54	64	37	15	3	1	-
White, male	8	24	28	35	62	51	78	53	39	32	3	1	-	-
White, female	7	9	16	22	27	50	58	44	55	35	15	3	1	-
Black, male	1	7	2	8	8	6	6	9	5	1	-	-	-	-
Black, female	3	2	4	6	5	9	8	10	9	2	-	-	-	-
Of colon (153)	554	913	1,633	2,782	4,669	6,566	7,881	8,202	7,116	4,736	2,230	637	98	2
All races, male	288	498	878	1,588	2,634	3,602	4,218	3,956	3,084	1,724	691	167	17	-
All races, female	266	415	755	1,194	2,035	2,964	3,663	4,246	4,032	3,012	1,539	470	81	2
White, male	228	424	713	1,372	2,341	3,193	3,793	3,533	2,809	1,554	633	154	14	-
White, female	214	344	626	979	1,703	2,538	3,229	3,790	3,671	2,745	1,451	437	65	1
Black, male	53	65	156	195	251	370	369	372	237	151	52	12	2	-
Black, female	49	58	114	192	304	394	398	424	339	247	82	28	15	1
Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)														
All races, male	4	6	4	13	20	37	42	47	53	44	18	5	1	-
All races, female	3	3	1	4	12	18	19	17	26	13	7	-	-	-
White, male	1	3	3	9	8	19	23	30	27	31	11	5	1	-
White, female	2	2	1	3	12	16	18	17	24	12	7	-	-	-
Black, male	-	3	3	9	7	15	20	27	25	30	11	4	1	-
Black, female	1	1	-	1	-	1	1	-	2	-	-	-	-	-
Black, female	1	-	-	-	1	2	2	3	2	1	-	-	-	-
Descending colon (153.2)	1	6	11	12	20	24	42	41	39	26	13	5	-	-
All races, male	1	1	8	9	11	12	25	16	21	12	2	2	-	-
All races, female	-	5	3	3	9	12	17	25	18	14	11	3	-	-
White, male	-	-	4	6	10	12	23	12	21	9	2	2	-	-
White, female	-	3	2	3	7	11	17	20	16	14	9	3	-	-
Black, male	-	1	2	2	1	-	1	3	-	3	-	-	-	-
Black, female	-	2	-	-	2	1	-	4	2	-	2	-	-	-
Sigmoid colon (153.3)	9	14	37	61	93	144	204	218	199	133	67	19	4	-
All races, male	2	10	21	34	55	82	117	111	82	43	21	6	2	-
All races, female	7	4	16	27	38	62	87	107	117	90	46	13	2	-
White, male	1	10	16	26	51	70	101	101	72	38	20	6	2	-
White, female	6	3	14	23	36	53	79	99	110	85	44	12	1	-
Black, male	1	-	5	7	2	11	11	6	8	5	1	-	-	-
Black, female	1	1	1	2	2	8	6	7	7	5	2	1	1	-
Cecum, appendix, and ascending colon (153.4-153.6)	11	35	42	78	143	198	271	334	302	231	129	40	7	-
All races, male	8	21	20	46	74	102	125	138	123	72	31	13	2	-
All races, female	3	14	22	32	69	96	146	196	179	159	98	27	5	-
White, male	7	14	13	39	68	93	115	122	114	67	28	13	2	-
White, female	2	13	19	28	57	81	127	181	167	152	96	24	4	-
Black, male	-	6	6	7	5	8	8	14	9	4	2	-	-	-
Black, female	1	-	3	3	11	13	18	13	12	6	2	3	1	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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)	45,012	-	1	-	-	-	1	-	1	11	40	68	143	286
All races, male	22,045	-	-	-	-	-	-	-	1	5	17	44	76	161
All races, female	22,967	-	1	-	-	-	1	-	6	23	24	67	125	125
White, male	19,580	-	-	-	-	-	-	-	1	3	11	35	58	135
White, female	20,202	-	-	-	-	-	-	-	3	14	18	49	101	101
Black, male	2,193	-	-	-	-	-	-	-	2	5	8	16	23	23
Black, female	2,543	-	-	-	-	-	-	-	1	9	5	18	20	20
Of rectum, rectosigmoid junction, and anus (154)	7,649	-	-	-	-	-	-	-	-	1	4	18	37	61
All races, male	4,096	-	-	-	-	-	-	-	-	1	4	12	20	29
All races, female	3,553	-	-	-	-	-	-	-	-	-	6	17	32	32
White, male	3,627	-	-	-	-	-	-	-	-	-	2	6	14	19
White, female	3,168	-	-	-	-	-	-	-	-	-	5	14	25	25
Black, male	381	-	-	-	-	-	-	-	-	1	2	4	5	8
Black, female	339	-	-	-	-	-	-	-	-	-	1	3	6	6
Of liver and intrahepatic bile ducts (155)	7,988	5	6	4	6	1	22	6	11	15	28	72	107	107
All races, male	4,887	2	5	2	4	1	14	3	8	3	7	18	43	70
All races, female	3,101	3	1	2	2	-	8	3	3	8	8	10	29	37
White, male	3,902	2	5	1	3	1	12	1	5	2	2	13	19	35
White, female	2,609	2	1	2	2	-	7	3	2	6	4	9	26	23
Black, male	674	-	-	1	1	-	2	-	2	1	3	2	18	22
Black, female	368	1	-	-	-	-	1	-	1	2	4	1	3	7
Liver, primary (155.0)	3,666	4	4	3	5	1	17	4	7	10	13	18	44	65
All races, male	2,527	2	3	1	4	1	11	3	5	3	6	12	27	45
All races, female	1,139	2	1	2	1	-	6	1	2	7	7	6	17	20
White, male	1,967	2	3	1	3	1	10	1	2	2	2	8	9	18
White, female	908	1	1	2	1	-	5	1	1	5	3	6	15	11
Black, male	349	-	-	-	1	-	1	-	2	1	2	1	12	16
Black, female	163	1	-	-	-	-	1	-	1	2	4	-	2	4
Intrahepatic bile ducts (155.1)	1,231	-	-	-	-	-	-	-	-	-	-	3	10	16
All races, male	616	-	-	-	-	-	-	-	-	-	-	2	6	7
All races, female	615	-	-	-	-	-	-	-	-	-	-	1	4	9
White, male	548	-	-	-	-	-	-	-	-	-	-	2	6	8
White, female	568	-	-	-	-	-	-	-	-	-	-	1	4	7
Black, male	45	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	32	-	-	-	-	-	-	-	-	-	-	-	-	1
Liver, not specified as primary or secondary (155.2)	3,091	1	2	1	1	-	5	2	4	1	2	7	18	26
All races, male	1,744	-	2	1	-	-	3	-	3	-	1	4	10	18
All races, female	1,347	1	-	-	1	-	2	2	1	1	1	3	8	8
White, male	1,387	-	2	-	-	-	2	-	3	-	-	3	4	11
White, female	1,133	1	-	-	1	-	2	2	1	1	1	2	7	5
Black, male	280	-	-	1	-	-	1	-	-	-	1	1	6	5
Black, female	173	-	-	-	-	-	-	-	-	-	-	1	1	2
Of gallbladder and extrahepatic bile ducts (156)	4,031	-	-	-	-	-	-	-	-	1	-	3	8	22
All races, male	1,496	-	-	-	-	-	-	-	-	-	-	1	2	10
All races, female	2,535	-	-	-	-	-	-	-	-	1	-	2	6	12
White, male	1,342	-	-	-	-	-	-	-	-	-	-	-	1	9
White, female	2,285	-	-	-	-	-	-	-	-	-	-	1	5	9
Black, male	117	-	-	-	-	-	-	-	-	-	-	-	1	-
Black, female	200	-	-	-	-	-	-	-	-	1	-	1	1	3
Of pancreas (157)	24,543	1	-	-	-	-	1	-	-	-	6	11	54	125
All races, male	11,965	-	-	-	-	-	-	-	-	-	1	7	32	65
All races, female	12,578	1	-	-	-	-	1	-	-	-	5	4	22	60
White, male	10,386	-	-	-	-	-	-	-	-	-	1	3	22	48
White, female	10,850	1	-	-	-	-	1	-	-	-	5	3	19	44
Black, male	1,403	-	-	-	-	-	-	-	-	-	-	4	10	15
Black, female	1,551	-	-	-	-	-	-	-	-	-	-	-	3	15
Of retroperitoneum, pentoneum, and other and ill-defined sites within the digestive organs and pentoneum (158-159)	2,126	-	-	-	-	-	-	-	1	7	4	2	12	21
All races, male	939	-	-	-	-	-	-	-	-	6	3	1	4	10
All races, female	1,187	-	-	-	-	-	-	-	1	1	1	1	8	11
White, male	831	-	-	-	-	-	-	-	-	4	2	1	4	6
White, female	1,072	-	-	-	-	-	-	-	1	1	-	1	8	10
Black, male	99	-	-	-	-	-	-	-	-	1	1	-	-	4
Black, female	107	-	-	-	-	-	-	-	-	-	1	-	-	1
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	142,281	7	1	1	-	1	10	4	2	21	26	73	227	732
All races, male	92,914	4	1	1	-	1	7	2	2	13	16	43	126	458
All races, female	49,367	3	-	-	-	-	3	2	-	8	10	30	101	274
White, male	80,821	2	1	1	-	1	5	2	2	11	9	34	99	340
White, female	44,453	2	-	-	-	-	2	1	-	6	7	22	76	208
Black, male	11,116	2	-	-	-	-	2	-	-	2	7	8	23	108
Black, female	4,412	1	-	-	-	-	1	1	-	2	2	6	22	61
Of larynx (161)	3,729	-	-	-	-	-	-	-	-	-	-	2	6	27
All races, male	2,961	-	-	-	-	-	-	-	-	-	-	2	4	22
All races, female	768	-	-	-	-	-	-	-	-	-	-	-	2	5
White, male	2,377	-	-	-	-	-	-	-	-	-	-	2	2	12
White, female	660	-	-	-	-	-	-	-	-	-	-	-	-	4
Black, male	565	-	-	-	-	-	-	-	-	-	-	-	2	10
Black, female	101	-	-	-	-	-	-	-	-	-	-	-	2	1
Of trachea, bronchus, and lung (162)	137,150	4	-	1	-	-	5	3	2	13	13	57	195	670
All races, male	69,052	3	-	1	-	-	4	1	2	8	7	30	111	412
All races, female	48,098	1	-	-	-	-	1	2	-	5	6	27	84	258
White, male	77,659	2	-	1	-	-	3	1	2	7	3	23	87	309
White, female	43,364	1	-	-	-	-	1	1	-	4	4	19	67	196
Black, male	10,457	1	-	-	-	-	1	-	-	1	4	6	20	95
Black, female	4,246	-	-	-	-	-	-	1	-	1	1	6	14	57

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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
Of colon-Con.														
Other and colon, unspecified (153.8-153.9)	529	852	1,539	2,618	4,393	6,163	7,322	7,562	6,523	4,302	2,003	568	86	2
All races, male	274	463	828	1,495	2,482	3,388	3,932	3,674	2,832	1,584	630	146	13	-
All races, female	255	389	711	1,123	1,911	2,775	3,390	3,888	3,691	2,718	1,373	422	73	2
White, male	218	398	679	1,298	2,200	3,002	3,536	3,281	2,578	1,428	576	133	10	-
White, female	206	322	588	916	1,596	2,378	2,986	3,463	3,353	2,464	1,291	394	59	1
Black, male	51	57	143	178	243	350	348	349	218	139	49	12	2	-
Black, female	46	55	110	187	288	370	372	397	316	235	76	24	13	1
Of rectum, rectosigmoid junction, and anus (154)	112	194	326	492	826	1,049	1,155	1,217	981	682	363	111	19	1
All races, male	63	113	202	303	521	643	676	652	449	263	116	26	3	-
All races, female	49	81	124	189	305	406	479	565	532	419	247	85	16	1
White, male	57	86	168	256	468	580	609	584	409	238	104	25	2	-
White, female	42	63	104	159	270	355	437	502	484	385	227	80	15	1
Black, male	5	22	29	45	39	51	51	56	33	19	9	1	1	-
Black, female	7	15	18	25	34	40	40	54	43	32	16	5	-	-
Of liver and intrahepatic bile ducts (155)	143	224	358	593	943	1,245	1,301	1,203	931	532	196	44	3	-
All races, male	96	158	226	415	658	828	861	700	483	239	47	10	-	-
All races, female	47	66	132	178	285	417	440	503	448	293	149	34	3	-
White, male	55	102	150	297	502	692	728	606	424	208	42	7	-	-
White, female	35	52	106	136	239	338	364	421	408	259	138	30	3	-
Black, male	15	40	44	79	103	103	95	70	48	20	4	3	-	-
Black, female	6	8	19	29	35	51	65	67	29	27	9	4	-	-
Liver, primary (155.0)	82	116	176	318	470	608	636	513	350	156	56	7	-	-
All races, male	58	87	132	239	354	437	452	344	221	72	18	1	-	-
All races, female	24	29	44	79	116	171	184	169	129	84	38	6	-	-
White, male	26	53	92	165	260	368	374	303	196	61	16	1	-	-
White, female	19	24	37	56	91	130	152	125	112	75	35	5	-	-
Black, male	10	23	21	48	53	50	56	26	6	1	-	-	-	-
Black, female	2	4	4	14	18	26	28	33	12	5	2	1	-	-
Intrahepatic bile ducts (155.1)	24	44	58	81	139	183	200	188	156	94	29	5	1	-
All races, male	13	30	31	44	76	99	127	82	55	34	7	3	-	-
All races, female	11	14	27	37	63	84	73	106	101	60	22	2	1	-
White, male	12	27	27	39	65	91	117	72	46	28	7	3	-	-
White, female	9	14	24	29	59	78	64	102	98	56	21	1	1	-
Black, male	1	2	2	4	8	6	4	6	8	3	-	-	-	-
Black, female	1	-	2	6	4	4	6	3	1	2	1	1	-	-
Liver, not specified as primary or secondary (155.2)	37	64	124	194	334	454	465	502	425	282	111	32	2	-
All races, male	25	41	63	132	228	292	282	274	207	133	22	6	-	-
All races, female	12	23	61	62	106	162	183	228	218	149	89	26	2	-
White, male	17	22	31	93	177	233	237	231	182	119	19	3	-	-
White, female	7	14	45	51	89	130	148	194	198	128	82	24	2	-
Black, male	4	15	21	27	42	47	35	38	20	11	3	3	-	-
Black, female	3	4	13	9	13	21	31	31	16	20	6	2	-	-
Of gallbladder and extrahepatic bile ducts (156)	47	86	124	247	307	555	618	720	642	401	183	59	8	-
All races, male	23	31	47	93	116	226	264	281	217	120	54	10	1	-
All races, female	24	55	77	154	191	329	354	439	425	281	129	49	7	-
White, male	20	25	40	79	103	202	238	256	200	110	49	9	1	-
White, female	23	45	70	130	170	289	316	405	390	262	122	42	6	-
Black, male	3	6	5	12	10	17	20	20	11	9	2	1	-	-
Black, female	1	7	6	18	15	35	32	25	26	17	5	6	1	-
Of pancreas (157)	307	548	959	1,659	2,739	3,778	4,286	4,024	3,184	1,943	721	178	20	-
All races, male	197	347	583	949	1,550	2,046	2,162	1,808	1,295	670	203	44	6	-
All races, female	110	201	376	710	1,189	1,732	2,124	2,216	1,889	1,273	518	134	14	-
White, male	162	276	469	911	1,315	1,788	1,914	1,626	1,153	592	186	35	5	-
White, female	91	163	307	556	982	1,460	1,853	1,943	1,676	1,147	467	120	13	-
Black, male	28	60	101	139	214	233	219	164	126	66	16	7	1	-
Black, female	14	32	62	135	188	246	241	246	203	110	41	14	1	-
Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	26	37	64	109	176	244	346	325	283	265	145	49	10	-
All races, male	16	26	32	58	94	124	179	135	113	79	48	10	1	-
All races, female	10	11	32	51	82	120	167	190	170	186	97	39	9	-
White, male	10	24	27	52	80	106	162	123	103	75	42	9	1	-
White, female	7	7	24	45	72	108	151	175	154	173	91	36	8	-
Black, male	6	1	5	6	14	15	15	12	8	4	6	1	-	-
Black, female	3	4	6	6	10	11	15	15	13	13	6	2	1	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	1,909	4,261	7,871	13,563	21,480	26,411	25,773	20,681	12,166	5,149	1,555	326	35	6
All races, male	1,171	2,704	5,056	8,945	14,216	17,464	16,977	13,514	7,941	3,235	853	151	17	3
All races, female	738	1,557	2,815	4,618	7,264	8,947	8,796	7,167	4,225	1,914	702	175	18	3
White, male	882	2,118	4,048	7,426	12,252	15,230	15,116	12,124	7,238	2,955	786	130	12	2
White, female	614	1,307	2,406	4,059	6,455	8,083	8,082	6,607	3,937	1,765	642	158	14	2
Black, male	258	541	940	1,413	1,802	2,078	1,715	1,259	624	252	61	18	4	1
Black, female	111	225	371	508	751	790	623	483	252	129	54	16	3	1
Of larynx (161)	61	138	238	423	603	648	594	487	311	138	45	6	-	2
All races, male	51	114	186	336	475	501	477	380	260	112	35	5	-	1
All races, female	10	24	52	87	128	147	117	107	51	26	10	1	-	1
White, male	25	62	125	245	385	408	415	333	226	98	34	4	-	1
White, female	8	17	36	72	101	131	108	100	48	24	9	1	-	1
Black, male	26	52	60	86	89	91	61	43	29	14	1	1	-	-
Black, female	2	7	16	15	24	14	8	7	2	2	1	-	-	-
Of trachea, bronchus, and lung (162)	1,798	4,073	7,560	13,034	20,717	25,534	24,979	20,004	11,718	4,942	1,487	307	35	4
All races, male	1,088	2,555	4,820	8,531	13,634	16,813	16,361	13,007	7,606	3,090	810	143	17	2
All races, female	710	1,518	2,740	4,503	7,083	8,721	8,618	6,997	4,112	1,852	677	164	18	2
White, male	829	2,032	3,878	7,117	11,773	14,650	14,576	11,680	6,938	2,829	745	124	12	1
White, female	594	1,280	2,350	3,963	6,305	7,893	7,919	6,458	3,832	1,707	618	148	14	1
Black, male	230	480	876	1,315	1,702	1,971	1,642	1,205	594	235	59	16	4	1
Black, female	104	213	352	489	723	768	610	465	245	125	53	15	3	1

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	1,402	3	1	-	-	1	5	1	-	8	13	14	26	35
All races, male	901	1	1	-	-	1	3	1	-	5	9	11	11	24
All races, female	501	2	-	-	-	-	2	-	-	3	4	3	15	11
White, male	785	-	1	-	-	1	2	1	-	4	6	9	10	19
White, female	429	1	-	-	-	-	1	-	-	2	3	3	9	8
Black, male	94	1	-	-	-	-	1	-	-	1	3	2	1	3
Black, female	65	1	-	-	-	-	1	-	-	1	1	-	6	3
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)														
breast (170-175)	55,559	13	6	6	7	6	38	43	84	182	182	398	928	1,713
All races, male	7,630	5	2	5	5	2	19	20	39	102	109	161	248	355
All races, female	47,929	8	4	1	2	4	19	23	45	80	73	237	680	1,358
White, male	7,096	5	2	4	4	2	17	18	33	86	99	141	222	338
White, female	42,685	5	3	1	2	4	15	23	33	64	58	187	550	1,073
Black, male	470	-	-	1	1	-	2	2	5	12	10	17	21	16
Black, female	4,745	3	1	-	-	-	4	-	10	12	14	43	120	252
Of bone and articular cartilage (170)	1,074	-	-	-	2	1	3	15	44	93	67	55	34	33
All races, male	608	-	-	-	2	-	2	6	22	56	48	40	21	25
All races, female	466	-	-	-	-	1	1	9	22	37	19	15	13	8
White, male	544	-	-	-	2	-	2	5	20	49	46	37	18	23
White, female	402	-	-	-	-	1	1	9	16	27	13	13	11	6
Black, male	55	-	-	-	-	-	-	1	1	4	2	2	1	2
Black, female	52	-	-	-	-	-	-	-	5	8	5	2	1	2
Of connective and other soft tissue (171)	2,997	12	6	6	5	5	34	28	38	68	64	68	113	111
All races, male	1,453	5	2	5	3	2	17	14	16	35	38	40	68	66
All races, female	1,544	7	4	1	2	3	17	14	22	33	26	28	45	45
White, male	1,263	5	2	4	2	2	15	13	12	27	30	32	53	57
White, female	1,338	5	3	1	2	3	14	14	16	27	21	22	39	40
Black, male	166	-	-	1	1	-	2	1	4	7	8	6	13	8
Black, female	182	2	1	-	-	-	3	-	5	4	5	1	5	5
Melanoma of skin (172)														
Melanoma of skin (172)	6,161	-	-	-	-	-	-	-	2	20	35	115	227	327
All races, male	3,736	-	-	-	-	-	-	-	1	10	17	62	124	222
All races, female	2,425	-	-	-	-	-	-	-	1	10	18	53	103	105
White, male	3,676	-	-	-	-	-	-	-	1	9	17	60	122	220
White, female	2,351	-	-	-	-	-	-	-	1	10	18	50	102	104
Black, male	46	-	-	-	-	-	-	-	-	1	-	2	1	2
Black, female	63	-	-	-	-	-	-	-	-	-	-	3	1	1
Other malignant neoplasms of skin (173)														
Other malignant neoplasms of skin (173)	2,189	-	-	-	-	-	-	-	-	1	9	23	36	44
All races, male	1,532	-	-	-	-	-	-	-	-	1	6	19	34	39
All races, female	657	-	-	-	-	-	-	-	-	-	3	4	2	5
White, male	1,348	-	-	-	-	-	-	-	-	1	6	12	28	35
White, female	606	-	-	-	-	-	-	-	-	-	3	4	2	3
Black, male	168	-	-	-	-	-	-	-	-	-	-	7	6	4
Black, female	45	-	-	-	-	-	-	-	-	-	-	-	-	2
Of female breast (174)														
Of female breast (174)	42,837	1	-	-	-	-	1	-	-	-	7	137	517	1,195
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	42,837	1	-	-	-	-	1	-	-	-	7	137	517	1,195
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	37,988	...	...	...	...	...	...	...	...	...	3	98	396	920
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	4,403	1	-	-	-	-	1	-	-	-	4	37	113	242
Of male breast (175)														
Of male breast (175)	301	-	-	-	-	-	-	-	-	-	-	-	1	3
All races, male	301	-	-	-	-	-	-	-	-	-	-	-	1	3
All races, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	265	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	35	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malignant neoplasms of genital organs (179-187)														
Malignant neoplasms of genital organs (179-187)	54,952	1	1	1	2	1	6	3	4	25	91	205	397	568
All races, male	31,141	1	1	1	2	1	6	2	-	14	40	76	70	62
All races, female	23,811	-	-	-	-	-	-	1	4	11	51	129	327	506
White, male	26,027	1	1	1	2	1	6	1	-	11	36	73	62	55
White, female	20,545	-	-	-	-	-	-	1	3	9	39	99	260	395
Black, male	4,840	-	-	-	-	-	-	1	-	3	3	2	7	6
Black, female	2,922	-	-	-	-	-	-	-	1	1	10	23	57	88
Of cervix uteri (180)														
Of cervix uteri (180)	4,487	-	-	-	-	-	-	1	-	-	24	78	214	307
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	4,487	-	-	-	-	-	-	1	-	-	24	78	214	307
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	3,321	-	-	-	-	-	-	1	-	-	18	57	169	233
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	1,049	-	-	-	-	-	-	-	-	-	6	19	40	64
Of other parts of uterus (179,181-182)														
Of other parts of uterus (179,181-182)	5,867	-	-	-	-	-	-	-	-	2	3	14	20	33
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	5,867	-	-	-	-	-	-	-	-	2	3	14	20	33
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	4,920	-	-	-	-	-	-	-	-	1	1	10	12	25
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	873	-	-	-	-	-	-	-	-	1	2	2	6	4
Of ovary and other uterine adnexa (183)														
Of ovary and other uterine adnexa (183)	12,431	-	-	-	-	-	-	-	3	8	24	36	88	156
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	12,431	-	-	-	-	-	-	-	3	8	24	36	88	156
White, male
White, female	11,389	-	-	-	-	-	-	-	2	7	20	31	75	128
Black, male
Black, female	901	-	-	-	-	-	-	-	1	-	2	2	11	20

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	50	50	73	106	160	229	200	190	137	69	23	13	-	-
All races, male	32	35	50	78	107	150	139	127	75	33	8	3	-	-
All races, female	18	15	23	28	53	79	61	63	62	36	15	10	-	-
White, male	28	24	45	64	94	132	125	111	74	28	7	2	-	-
White, female	12	10	20	24	49	69	55	49	57	34	15	9	-	-
Black, male	2	9	4	12	11	16	12	11	1	3	1	1	-	-
Black, female	5	5	3	4	4	8	5	11	5	2	-	1	-	-
Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)	2,667	3,268	4,003	4,938	6,366	7,206	6,944	6,481	4,916	3,101	1,508	511	81	1
All races, male	354	433	554	621	890	940	900	824	544	325	142	46	4	-
All races, female	2,313	2,835	3,449	4,317	5,476	6,266	6,044	5,657	4,372	2,776	1,366	465	77	1
White, male	322	386	518	555	837	874	841	796	517	311	136	46	3	-
White, female	1,950	2,343	2,931	3,736	4,889	5,643	5,527	5,213	4,084	2,577	1,288	439	67	1
Black, male	26	41	35	61	49	58	53	23	22	11	5	-	1	-
Black, female	325	439	460	506	543	563	477	407	271	189	75	25	10	-
Of bone and articular cartilage (170)	33	29	48	60	77	94	104	111	93	50	23	7	1	-
All races, male	16	17	30	38	48	50	56	57	38	28	9	1	-	-
All races, female	17	12	18	22	29	44	48	54	55	22	14	6	1	-
White, male	13	13	26	33	45	44	51	50	34	27	7	1	-	-
White, female	16	8	15	17	24	42	40	50	54	21	13	5	1	-
Black, male	3	4	4	5	3	6	5	7	3	1	1	-	-	-
Black, female	1	2	1	4	5	2	6	4	1	1	1	1	-	-
Of connective and other soft tissue (171)	128	165	184	194	324	336	392	315	253	116	49	15	2	-
All races, male	60	88	96	96	156	163	179	150	105	41	24	1	-	-
All races, female	68	77	88	98	168	173	213	165	148	75	25	14	2	-
White, male	48	72	86	78	134	140	161	147	96	37	24	1	-	-
White, female	58	62	71	78	138	146	186	152	139	74	25	14	2	-
Black, male	9	12	9	17	20	19	16	3	9	3	-	-	-	-
Black, female	10	14	13	19	28	25	24	12	8	1	-	-	-	-
Melanoma of skin (172)	374	427	491	537	660	760	640	623	455	311	109	44	4	-
All races, male	233	264	321	327	441	503	422	371	229	130	47	11	1	-
All races, female	141	163	170	210	219	257	218	252	226	181	62	33	3	-
White, male	229	260	317	323	437	496	413	364	223	126	47	11	1	-
White, female	137	162	168	199	214	250	207	245	216	174	58	33	3	-
Black, male	2	3	4	3	3	6	7	4	4	-	-	-	-	-
Black, female	3	-	2	10	3	5	9	7	9	6	4	-	-	-
Other malignant neoplasms of skin (173)	48	74	119	174	258	256	272	280	232	178	121	58	6	-
All races, male	39	57	90	137	208	187	188	195	143	99	58	29	3	-
All races, female	9	17	29	37	50	69	84	85	89	79	63	29	3	-
White, male	29	37	72	103	185	164	170	185	139	97	54	29	2	-
White, female	8	14	21	31	42	65	81	80	82	76	62	29	3	-
Black, male	9	19	18	32	22	20	16	8	2	4	-	1	-	-
Black, female	1	2	8	6	8	3	3	4	5	2	1	-	-	-
Of female breast (174)	2,078	2,566	3,144	3,950	5,010	5,723	5,481	5,101	3,854	2,419	1,202	383	68	1
All races, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	2,078	2,566	3,144	3,950	5,010	5,723	5,481	5,101	3,854	2,419	1,202	383	68	1
White, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	1,731	2,097	2,656	3,411	4,465	5,140	5,013	4,686	3,593	2,232	1,130	358	58	1
Black, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	310	421	436	467	499	528	435	380	248	179	69	24	10	-
Of male breast (175)	6	7	17	23	37	37	55	51	29	27	4	4	-	-
All races, male	6	7	17	23	37	37	55	51	29	27	4	4	-	-
All races, female .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, male	3	4	17	18	36	30	46	50	25	24	4	4	-	-
White, female .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, male	3	3	-	4	1	7	9	1	4	3	-	-	-	-
Black, female .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malignant neoplasms of genital organs (179-187)	832	1,102	1,607	2,554	4,700	7,403	8,864	9,760	8,493	5,418	2,294	556	69	1
All races, male	68	89	260	793	1,988	3,773	5,428	6,520	6,049	3,848	1,648	389	48	1
All races, female	764	1,014	1,347	1,771	2,732	3,630	3,436	3,240	2,444	1,570	646	167	21	-
White, male	62	67	193	591	1,592	3,040	4,484	5,437	5,175	3,335	1,444	328	35	-
White, female	591	848	1,103	1,503	2,335	3,128	3,017	2,844	2,198	1,418	601	139	14	-
Black, male	5	20	65	181	364	710	900	1,023	816	478	188	55	12	1
Black, female	147	147	209	234	344	446	391	372	230	143	44	28	7	-
Of cervix uteri (180)	391	379	376	404	435	489	405	380	274	206	91	25	8	-
All races, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	391	379	376	404	435	489	405	380	274	206	91	25	8	-
White, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	284	277	270	291	305	354	312	283	208	159	79	17	4	-
Black, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	92	89	93	100	117	120	88	90	62	46	11	8	4	-
Of other parts of uterus (179,181-182)	78	129	190	316	625	995	1,002	967	730	492	211	53	7	-
All races, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	78	129	190	316	625	995	1,002	967	730	492	211	53	7	-
White, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	59	111	148	261	498	823	834	813	637	444	195	43	5	-
Black, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	16	16	35	52	116	156	158	146	89	46	16	10	2	-
Of ovary and other uterine adnexa (183)	285	488	747	1,016	1,600	2,014	1,907	1,718	1,296	723	264	54	4	-
All races, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	285	488	747	1,016	1,600	2,014	1,907	1,718	1,296	723	264	54	4	-
White, male .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	243	447	664	923	1,468	1,835	1,764	1,592	1,219	673	249	46	3	-
Black, male
Black, female	34	37	69	75	105	157	132	119	69	44	15	8	1	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	1,026	-	-	-	-	-	-	-	1	1	-	1	5	10
All races, male	1,026	-	-	-	-	-	-	-	1	1	-	1	5	10
All races, female	1,026	-	-	-	-	-	-	-	1	1	-	1	5	10
White, male	915	-	-	-	-	-	-	-	1	1	-	1	4	9
White, female	915	-	-	-	-	-	-	-	1	1	-	1	4	9
Black, male	99	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	99	-	-	-	-	-	-	-	-	-	-	-	-	-
Of prostate (185)	30,520	-	-	-	-	1	1	-	-	1	1	-	2	3
All races, male	30,520	-	-	-	-	1	1	-	-	1	1	-	2	3
All races, female	30,520	-	-	-	-	1	1	-	-	1	1	-	2	3
White, male	25,469	-	-	-	-	1	1	-	-	-	-	-	1	3
White, female	25,469	-	-	-	-	1	1	-	-	-	-	-	1	3
Black, male	4,785	-	-	-	-	-	-	-	-	1	-	-	1	-
Black, female	4,785	-	-	-	-	-	-	-	-	1	-	-	1	-
Of testis (186)	392	1	1	1	2	-	5	2	-	13	39	76	65	54
All races, male	392	1	1	1	2	-	5	2	-	13	39	76	65	54
All races, female	392	1	1	1	2	-	5	2	-	13	39	76	65	54
White, male	359	1	1	1	2	-	5	1	-	11	35	73	60	48
White, female	359	1	1	1	2	-	5	1	-	11	35	73	60	48
Black, male	28	-	-	-	-	-	-	1	-	2	3	2	5	5
Black, female	28	-	-	-	-	-	-	1	-	2	3	2	5	5
Of penis and other male genital organs (187)	229	-	-	-	-	-	-	-	-	-	-	-	3	5
All races, male	229	-	-	-	-	-	-	-	-	-	-	-	3	5
All races, female	229	-	-	-	-	-	-	-	-	-	-	-	3	5
White, male	199	-	-	-	-	-	-	-	-	-	-	-	1	4
White, female	199	-	-	-	-	-	-	-	-	-	-	-	1	4
Black, male	27	-	-	-	-	-	-	-	-	-	-	-	1	1
Black, female	27	-	-	-	-	-	-	-	-	-	-	-	1	1
Malignant neoplasms of urinary organs (188-189)	20,233	5	7	3	4	9	28	22	11	7	14	21	57	141
All races, male	12,976	3	3	-	2	4	12	10	8	2	7	11	31	92
All races, female	12,976	3	3	-	2	4	12	10	8	2	7	11	31	92
White, male	7,257	2	4	3	2	5	16	12	3	5	7	10	28	49
White, female	7,257	2	4	3	2	5	16	12	3	5	7	10	28	49
Black, male	11,850	3	3	-	1	3	10	8	7	1	5	5	21	79
Black, female	11,850	3	3	-	1	3	10	8	7	1	5	5	21	79
White, male	6,457	1	4	2	1	4	12	9	3	5	2	7	20	40
White, female	6,457	1	4	2	1	4	12	9	3	5	2	7	20	40
Black, male	1,009	-	-	-	1	1	2	2	-	1	2	6	10	12
Black, female	1,009	-	-	-	1	1	2	2	-	1	2	6	10	12
Black, male	732	1	-	1	1	1	4	3	-	-	5	3	6	7
Black, female	732	1	-	1	1	1	4	3	-	-	5	3	6	7
Of bladder (188)	10,121	-	-	1	-	1	2	-	1	-	1	3	11	33
All races, male	6,843	-	-	-	-	1	1	-	1	-	1	2	5	21
All races, female	6,843	-	-	-	-	1	1	-	1	-	1	2	5	21
White, male	3,278	-	-	1	-	-	1	-	-	-	-	1	6	12
White, female	3,278	-	-	1	-	-	1	-	-	-	-	1	6	12
Black, male	6,308	-	-	-	-	1	1	-	1	-	-	1	3	20
Black, female	6,308	-	-	-	-	1	1	-	1	-	-	1	3	20
White, male	2,885	-	-	1	-	-	1	-	-	-	-	1	6	10
White, female	2,885	-	-	1	-	-	1	-	-	-	-	1	6	10
Black, male	484	-	-	-	-	-	-	-	-	-	1	1	2	-
Black, female	484	-	-	-	-	-	-	-	-	-	1	1	2	-
Black, male	369	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	369	-	-	-	-	-	-	-	-	-	-	-	-	1
Of kidney and other and unspecified urinary organs (189)	10,112	5	7	2	4	8	26	22	10	7	13	18	46	106
All races, male	6,133	3	3	-	2	3	11	10	7	2	6	9	26	71
All races, female	6,133	3	3	-	2	3	11	10	7	2	6	9	26	71
White, male	3,979	2	4	2	2	5	15	12	3	5	7	9	20	37
White, female	3,979	2	4	2	2	5	15	12	3	5	7	9	20	37
Black, male	5,542	3	3	-	1	2	9	8	6	1	5	4	18	59
Black, female	5,542	3	3	-	1	2	9	8	6	1	5	4	18	59
White, male	3,572	1	4	1	1	4	11	9	3	5	2	6	14	30
White, female	3,572	1	4	1	1	4	11	9	3	5	2	6	14	30
Black, male	525	-	-	-	1	1	2	2	-	1	1	5	8	12
Black, female	525	-	-	-	1	1	2	2	-	1	1	5	8	12
Black, male	363	1	-	1	1	1	4	3	-	-	5	3	6	6
Black, female	363	1	-	1	1	1	4	3	-	-	5	3	6	6
Malignant neoplasms of other and unspecified sites (190-199)	48,609	39	63	63	55	65	285	282	147	146	204	338	510	779
All races, male	25,298	22	41	27	29	35	154	137	78	83	100	183	303	428
All races, female	25,298	22	41	27	29	35	154	137	78	83	100	183	303	428
White, male	23,311	17	22	36	26	30	131	145	69	63	104	155	207	351
White, female	23,311	17	22	36	26	30	131	145	69	63	104	155	207	351
Black, male	22,173	20	38	21	26	30	135	110	68	72	81	152	259	358
Black, female	22,173	20	38	21	26	30	135	110	68	72	81	152	259	358
White, male	20,681	14	16	27	22	22	101	116	52	54	89	128	165	281
White, female	20,681	14	16	27	22	22	101	116	52	54	89	128	165	281
Black, male	2,788	2	2	6	3	5	18	23	8	8	18	27	33	65
Black, female	2,788	2	2	6	3	5	18	23	8	8	18	27	33	65
Black, male	2,346	3	4	7	3	6	23	26	13	9	13	24	38	56
Black, female	2,346	3	4	7	3	6	23	26	13	9	13	24	38	56
Of eye (190)	251	1	1	4	5	2	13	5	-	-	3	-	4	2
All races, male	115	-	-	3	3	1	7	2	-	-	1	-	2	1
All races, female	115	-	-	3	3	1	7	2	-	-	1	-	2	1
White, male	136	1	1	1	2	1	6	3	-	-	2	-	2	1
White, female	136	1	1	1	2	1	6	3	-	-	2	-	2	1
Black, male	104	-	-	1	1	-	2	1	-	-	1	-	2	1
Black, female	104	-	-	1	1	-	2	1	-	-	1	-	2	1
White, male	129	1	1	1	2	1	6	2	-	-	2	-	2	1
White, female	129	1	1	1	2	1	6	2	-	-	2	-	2	1
Black, male	10	-	-	2	2	1	5	1	-	-	-	-	-	-
Black, female	10	-	-	2	2	1	5	1	-	-	-	-	-	-
Black, male	6	-	-	-	-	-	-	1	-	-	-	-	-	-
Black, female	6	-	-	-	-	-	-	1	-	-	-	-	-	-
Of brain (191)	10,813	22	33	29	18	26	128	191	115	100	120	194	288	365
All races, male	5,886	13	23	12	12	15	75	90	60	67	52	115	172	213
All races, female	5,886	13	23	12	12	15	75	90	60	67	52	115	172	213
White, male	4,927	9	10	17	6	11	53	101	55	33	68	79	116	152
White, female	4,927	9	10	17	6	11	53	101	55	33	68	79	116	152
Black, male	5,499	11	21	11	12	14	69	74	54	57	49	98		

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	10	18	34	35	72	132	122	175	144	149	80	35	2	-
All races, male	10	18	34	35	72	132	122	175	144	149	80	35	2	-
All races, female	5	13	21	28	64	116	107	156	134	142	78	33	2	-
White, male	5	13	21	28	64	116	107	156	134	142	78	33	2	-
White, female	5	13	21	28	64	116	107	156	134	142	78	33	2	-
Black, male	5	5	12	7	6	13	13	17	10	7	2	2	-	-
Black, female	5	5	12	7	6	13	13	17	10	7	2	2	-	-
Of prostate (185)	23	67	232	756	1,922	3,727	5,393	6,477	6,019	3,828	1,633	387	47	1
All races, male	23	67	232	756	1,922	3,727	5,393	6,477	6,019	3,828	1,633	387	47	1
All races, female	21	48	168	570	1,550	2,997	4,452	5,398	5,149	3,319	1,431	326	34	-
White, male	21	48	168	570	1,550	2,997	4,452	5,398	5,149	3,319	1,431	326	34	-
White, female	21	48	168	570	1,550	2,997	4,452	5,398	5,149	3,319	1,431	326	34	-
Black, male	2	18	62	176	361	707	897	1,019	812	474	187	55	12	1
Black, female	2	18	62	176	361	707	897	1,019	812	474	187	55	12	1
Of testis (186)	37	14	12	11	16	17	8	8	6	5	4	-	-	-
All races, male	37	14	12	11	16	17	8	8	6	5	4	-	-	-
All races, female	35	13	12	8	14	15	8	8	6	4	3	-	-	-
White, male	35	13	12	8	14	15	8	8	6	4	3	-	-	-
White, female	35	13	12	8	14	15	8	8	6	4	3	-	-	-
Black, male	2	1	-	2	1	2	-	-	-	1	1	-	-	-
Black, female	2	1	-	2	1	2	-	-	-	1	1	-	-	-
Of penis and other male genital organs (187)	8	7	16	16	30	29	27	35	24	15	11	2	1	-
All races, male	8	7	16	16	30	29	27	35	24	15	11	2	1	-
All races, female	6	6	13	13	28	28	24	31	20	12	10	2	1	-
White, male	6	6	13	13	28	28	24	31	20	12	10	2	1	-
White, female	6	6	13	13	28	28	24	31	20	12	10	2	1	-
Black, male	1	1	3	3	2	1	3	4	4	3	-	-	-	-
Black, female	1	1	3	3	2	1	3	4	4	3	-	-	-	-
Malignant neoplasms of urinary organs (188-189)	239	507	730	1,275	2,059	2,751	3,259	3,358	2,866	1,749	847	245	27	-
All races, male	165	353	493	898	1,422	1,839	2,219	2,206	1,728	953	405	110	12	-
All races, female	74	154	237	377	637	912	1,040	1,152	1,158	796	442	135	15	-
White, male	139	319	426	803	1,312	1,665	2,032	2,033	1,613	890	370	104	8	-
White, female	58	123	200	323	542	800	932	1,051	1,064	721	416	119	10	-
Black, male	19	33	60	87	95	154	168	164	102	53	30	6	3	-
Black, female	15	29	31	51	86	104	97	97	82	66	25	16	5	-
Of bladder (189)	39	106	184	421	810	1,208	1,645	1,896	1,772	1,165	605	199	20	-
All races, male	26	73	129	321	598	878	1,199	1,357	1,144	679	309	90	9	-
All races, female	13	33	55	100	212	330	446	539	628	486	296	109	11	-
White, male	22	66	108	289	557	809	1,094	1,253	1,072	638	283	85	6	-
White, female	12	26	49	82	172	275	381	477	575	432	280	98	8	-
Black, male	2	7	17	31	36	59	98	99	66	35	23	5	2	-
Black, female	1	7	4	17	39	54	59	60	49	49	15	11	3	-
Of kidney and other and unspecified urinary organs (189)	200	401	546	854	1,249	1,543	1,614	1,462	1,114	584	242	46	7	-
All races, male	139	280	364	577	824	961	1,020	849	584	274	96	20	3	-
All races, female	61	121	182	277	425	582	594	613	530	310	146	26	4	-
White, male	117	253	318	514	755	856	938	780	541	252	87	19	2	-
White, female	46	97	151	241	370	525	551	574	489	289	136	21	2	-
Black, male	17	26	43	56	59	95	70	65	36	18	7	1	1	-
Black, female	14	22	27	34	47	50	38	37	33	17	10	5	2	-
Malignant neoplasms of other and unspecified sites (190-199)	1,214	1,664	2,477	3,693	5,623	6,953	7,208	6,803	5,272	3,240	1,351	371	46	3
All races, male	711	981	1,458	2,121	3,262	3,955	3,869	3,383	2,374	1,202	402	102	11	-
All races, female	503	683	1,019	1,572	2,361	2,998	3,339	3,420	2,898	2,038	949	269	35	2
White, male	579	826	1,210	1,800	2,826	3,523	3,460	3,041	2,139	1,083	350	91	1	-
White, female	430	564	871	1,354	2,054	2,623	2,999	3,094	2,672	1,868	692	243	29	2
Black, male	119	138	228	296	395	380	361	303	205	105	45	11	2	-
Black, female	66	104	128	197	278	334	312	298	198	149	51	24	5	-
Of eye (190)	7	10	13	18	21	28	31	26	29	26	9	5	1	-
All races, male	5	8	7	10	10	11	13	9	16	8	4	1	-	-
All races, female	2	2	6	8	11	17	18	17	13	18	5	4	1	-
White, male	4	5	6	10	10	11	13	9	16	8	4	1	-	-
White, female	2	2	6	8	10	17	18	16	13	16	4	3	1	-
Black, male	1	2	1	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	1	-	-	1	-	1	1	1	-	-
Of brain (191)	501	538	771	983	1,367	1,528	1,441	1,153	673	271	77	7	1	1
All races, male	320	335	473	558	790	800	746	561	311	119	27	2	-	-
All races, female	181	203	298	425	577	728	695	592	362	152	50	5	1	1
White, male	289	319	438	529	743	764	696	536	298	114	24	2	-	-
White, female	174	183	273	394	538	693	663	564	353	147	49	4	1	1
Black, male	27	14	30	22	41	30	42	22	11	3	2	-	-	-
Black, female	7	17	23	26	33	31	29	22	8	3	1	1	-	-
Of other and unspecified parts of nervous system (192)	13	10	19	26	30	32	43	45	25	7	2	-	-	-
All races, male	8	5	9	17	22	18	24	18	10	5	-	-	-	-
All races, female	5	5	10	9	8	14	25	21	15	2	2	-	-	-
White, male	7	5	8	15	19	15	17	21	9	5	-	-	-	-
White, female	5	5	8	9	7	13	22	19	14	1	2	-	-	-
Black, male	-	-	1	1	3	3	-	3	1	-	-	-	-	-
Black, female	-	-	2	-	1	-	2	2	1	-	-	-	-	-
Of thyroid gland and other endocrine glands and related structures (193-194)	45	66	77	112	145	210	185	215	158	108	38	9	3	-
All races, male	29	32	41	56	79	103	82	70	44	29	7	2	-	-
All races, female	16	34	36	56	66	107	103	145	114	79	31	7	3	-
White, male	26	29	36	43	73	100	72	64	38	27	7	2	-	-
White, female	15	30	31	49	55	90	94	129	100	70	27	6	-	-
Black, male	3	2	5	12	3	-	10	5	3	2	-	-	-	-
Black, female	1	3	2	7	10	14	9	15	8	8	4	1	2	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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)	35,567	5	4	3	2	4	18	8	9	38	64	114	186	371
All races, male	18,413	2	1	1	1	1	6	7	7	15	37	56	111	196
All races, female	17,154	3	3	2	1	3	12	1	2	23	27	58	75	175
White, male	15,783	2	1	1	1	1	6	5	4	14	22	44	88	149
White, female	15,015	2	2	2	1	3	10	—	1	20	22	43	51	127
Black, male	2,379	—	—	—	—	—	—	1	3	1	14	11	22	44
Black, female	1,930	1	1	—	—	—	2	1	—	3	4	14	21	40
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)														
All races, male	46,751	35	47	40	58	39	219	262	266	341	466	632	828	956
All races, female	24,801	12	25	23	33	21	114	159	172	211	300	403	543	612
White, male	21,950	23	22	17	25	18	105	103	94	130	166	229	285	344
White, female	22,146	11	23	20	24	18	96	136	140	163	244	332	438	515
Black, male	19,760	22	17	10	17	14	80	86	78	107	142	200	233	281
Black, female	2,302	1	2	2	6	2	13	19	28	40	52	60	85	82
Black, female	1,933	1	4	4	5	3	17	7	13	22	21	23	41	50
Lymphosarcoma and reticulosarcoma (200)														
All races, male	2,917	1	—	—	3	—	4	19	16	26	31	43	42	52
All races, female	1,231	—	—	—	2	—	2	16	13	17	22	27	33	38
White, male	1,086	1	—	—	1	—	2	3	3	9	9	16	9	14
White, female	1,143	—	—	—	1	—	1	15	12	13	18	20	28	31
Black, male	1,025	1	—	—	1	—	2	3	3	9	9	14	7	14
Black, female	68	—	—	—	1	—	1	—	1	4	4	6	3	7
Black, female	50	—	—	—	—	—	—	—	—	—	—	—	1	—
Hodgkin's disease (201)														
All races, male	1,721	—	—	—	—	—	—	2	7	35	91	139	149	157
All races, female	1,007	—	—	—	—	—	—	1	2	19	55	90	96	103
White, male	714	—	—	—	—	—	—	1	5	16	36	49	53	54
White, female	892	—	—	—	—	—	—	—	1	15	45	76	78	94
Black, male	641	—	—	—	—	—	—	—	4	14	32	45	43	48
Black, female	107	—	—	—	—	—	—	1	1	4	10	14	17	9
Black, female	66	—	—	—	—	—	—	1	1	2	4	4	9	5
Other malignant neoplasms of lymphoid and histiocytic tissue (202)														
All races, male	15,880	2	6	3	6	6	23	16	38	40	77	151	233	320
All races, female	8,189	1	4	2	6	4	17	12	27	26	57	109	175	234
White, male	7,691	1	2	1	—	2	6	4	11	14	20	42	58	86
White, female	7,500	—	3	1	3	4	11	11	24	19	43	82	138	187
Black, male	7,165	1	2	—	—	2	5	3	8	11	17	39	48	68
Black, female	575	1	1	—	2	—	4	1	3	6	12	23	33	34
Black, female	442	—	—	1	—	—	1	1	3	2	3	2	9	15
Multiple myeloma and immunoproliferative neoplasms (203)														
All races, male	8,587	—	—	—	—	—	—	1	—	1	1	5	16	31
All races, female	4,335	—	—	—	—	—	—	1	—	—	—	2	11	18
White, male	4,252	—	—	—	—	—	—	—	—	1	1	3	5	13
White, female	3,600	—	—	—	—	—	—	1	—	—	—	2	6	12
Black, male	3,506	—	—	—	—	—	—	—	—	1	—	2	2	7
Black, female	684	—	—	—	—	—	—	—	—	—	—	—	4	5
Black, female	703	—	—	—	—	—	—	—	—	—	1	1	2	6
Leukemia (204-208)														
All races, male	18,246	32	41	37	49	33	192	224	205	239	266	294	388	396
All races, female	10,039	11	21	21	25	17	95	129	130	149	166	175	228	219
White, male	8,207	21	20	16	24	16	97	95	75	90	100	119	160	177
White, female	9,011	11	20	19	20	14	84	109	103	116	138	152	188	181
Black, male	7,423	20	15	10	16	12	73	80	63	72	84	100	133	144
Black, female	868	—	1	2	3	2	8	17	23	26	26	17	28	27
Black, female	672	1	4	3	5	3	16	5	9	18	13	14	20	24
Lymphoid leukemia (204)														
All races, male	5,390	11	12	14	20	14	71	129	114	101	109	69	82	64
All races, female	3,105	4	4	11	9	7	35	82	77	70	68	44	57	45
White, male	2,285	7	8	3	11	7	36	47	37	31	41	25	25	19
White, female	2,805	4	4	10	8	7	33	69	63	59	62	37	49	37
Black, male	2,062	6	7	2	6	5	26	39	32	25	36	21	22	15
Black, female	271	—	—	1	1	—	2	11	13	8	6	5	4	6
Black, female	197	1	1	—	3	2	7	3	4	6	4	3	3	3
Myeloid leukemia (205)														
All races, male	7,477	10	10	10	14	3	47	38	40	77	96	146	209	226
All races, female	4,069	2	7	6	7	2	24	19	28	43	57	85	113	113
White, male	3,641	2	6	6	7	1	23	19	12	34	39	61	96	113
White, female	3,080	8	2	2	5	1	18	17	11	25	34	53	79	94
Black, male	351	—	1	—	—	—	1	3	6	10	12	8	15	14
Black, female	275	—	1	—	1	—	2	—	—	9	3	6	14	16
Monocytic leukemia (206)														
All races, male	278	—	4	1	1	1	7	5	3	2	7	5	3	3
All races, female	151	—	2	—	1	—	3	—	2	2	6	4	—	1
White, male	127	—	2	1	—	1	4	5	1	—	1	1	3	2
White, female	137	—	2	—	—	—	2	—	2	2	5	4	—	1
Black, male	117	—	2	1	—	1	4	4	1	—	—	1	2	2
Black, female	12	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, female	8	—	—	—	—	—	—	—	—	—	1	—	1	—
Other and unspecified leukemia (207-208)														
All races, male	5,101	11	15	12	14	15	67	52	48	59	54	74	94	103
All races, female	2,714	5	8	4	8	8	33	28	23	34	35	42	58	60
White, male	2,387	6	7	8	6	7	34	24	25	25	19	32	36	43
White, female	2,428	5	8	3	5	6	27	24	18	23	28	35	47	49
Black, male	2,164	6	4	5	5	5	25	20	19	22	14	25	30	33
Black, female	234	—	—	1	2	2	5	3	4	8	7	4	9	7
Black, female	192	—	2	3	1	1	7	2	5	3	5	5	2	5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)														
All races, male	6,701	56	25	15	13	13	122	48	37	44	43	66	100	115
All races, female	3,048	29	14	11	4	5	63	27	20	24	24	43	51	70
White, male	3,653	27	11	4	9	8	59	21	17	20	19	23	49	45
White, female	2,685	24	7	8	4	2	45	24	18	11	17	38	46	57
Black, male	3,173	15	8	4	6	7	40	13	15	17	18	17	33	30
Black, female	321	5	4	2	—	2	13	3	2	11	7	5	4	12
Black, female	421	10	3	—	2	1	16	6	1	2	—	5	15	11

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	648	1,040	1,597	2,554	4,060	5,155	5,508	5,364	4,387	2,828	1,225	350	41	2
All races, male	349	601	928	1,480	2,361	3,023	3,010	2,719	1,993	1,041	364	97	11	1
All races, female	299	439	669	1,074	1,699	2,132	2,498	2,645	2,394	1,787	861	253	30	1
White, male	253	468	722	1,203	1,981	2,633	2,662	2,411	1,778	929	315	86	9	1
White, female	234	344	553	894	1,444	1,810	2,202	2,366	2,192	1,634	810	230	27	1
Black, male	88	120	191	261	348	347	309	273	190	100	43	11	2	-
Black, female	58	84	101	164	233	289	272	258	181	136	45	21	3	-
Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)														
All races, male	1,167	1,429	1,755	2,766	4,421	5,966	7,078	7,132	5,913	3,420	1,342	352	38	2
All races, female	724	872	1,036	1,631	2,533	3,360	3,802	3,690	2,693	1,362	463	111	9	1
White, male	443	557	719	1,135	1,888	2,606	3,276	3,442	3,220	2,058	879	241	29	1
White, female	617	744	877	1,426	2,262	3,025	3,475	3,397	2,474	1,242	428	105	9	1
Black, male	370	468	607	989	1,648	2,319	2,978	3,167	2,998	1,938	818	229	23	1
Black, female	92	120	138	178	228	297	283	247	197	105	32	6	-	-
Black, female	65	73	97	129	212	260	262	254	201	112	56	12	6	-
Lymphosarcoma and reticulosarcoma (200)														
All races, male	63	85	85	142	220	310	338	334	300	147	50	8	2	-
All races, female	44	51	58	81	121	159	171	164	135	55	21	2	1	-
White, male	19	34	27	61	99	151	167	170	165	92	29	6	1	-
White, female	41	46	52	78	115	152	162	157	126	53	20	2	1	-
Black, male	16	31	23	56	90	143	157	160	162	90	29	6	1	-
Black, female	2	4	5	3	6	5	5	5	5	1	1	-	-	-
Black, female	3	2	3	3	8	7	9	8	2	-	-	-	-	-
Hodgkin's disease (201)														
All races, male	125	99	77	95	113	155	148	155	94	56	21	3	-	-
All races, female	78	65	48	61	69	93	80	78	37	20	10	2	-	-
White, male	47	34	29	34	44	62	68	77	57	36	11	1	-	-
White, female	72	56	42	53	60	85	75	76	35	18	10	1	-	-
Black, male	41	30	27	27	36	55	66	74	54	33	11	1	-	-
Black, female	6	9	5	8	5	7	5	1	2	2	-	1	-	-
Black, female	6	3	2	7	7	6	2	3	2	2	-	-	-	-
Other malignant neoplasms of lymphoid and histiocytic tissue (202)														
All races, male	430	553	643	995	1,566	2,080	2,463	2,491	2,040	1,207	408	96	9	1
All races, female	275	357	401	602	892	1,101	1,269	1,170	833	475	128	26	2	1
White, male	155	196	242	393	674	979	1,194	1,321	1,207	732	280	70	7	-
White, female	234	311	356	545	822	1,023	1,198	1,094	796	451	116	26	2	1
Black, male	130	168	212	356	618	908	1,124	1,240	1,151	712	272	68	7	-
Black, female	38	41	39	50	68	68	55	57	30	17	10	-	-	-
Black, female	22	24	24	30	45	59	60	71	46	17	6	2	-	-
Multiple myeloma and immunoproliferative neoplasms (203)														
All races, male	89	178	330	587	942	1,305	1,479	1,530	1,188	620	233	45	5	1
All races, female	56	104	183	343	502	696	754	762	550	250	85	16	2	-
White, male	33	74	147	244	440	609	725	768	638	370	148	29	3	1
White, female	44	70	128	277	413	577	642	653	478	206	76	13	2	-
Black, male	22	52	110	195	346	485	609	664	542	318	121	26	3	1
Black, female	10	33	49	60	84	114	106	97	68	43	8	3	-	-
Black, female	10	20	34	47	85	120	107	98	90	52	27	3	-	-
Leukemia (204-208)														
All races, male	460	514	620	947	1,580	2,116	2,650	2,622	2,291	1,390	630	200	22	-
All races, female	271	295	346	544	949	1,311	1,528	1,516	1,138	562	219	65	4	-
White, male	189	219	274	403	631	805	1,122	1,106	1,153	828	411	133	18	-
White, female	226	261	299	473	852	1,188	1,398	1,417	1,039	514	206	63	4	-
Black, male	161	187	235	355	558	728	1,022	1,029	1,089	785	385	128	12	-
Black, female	36	33	40	57	77	105	112	87	92	42	13	2	-	-
Black, female	24	24	34	42	67	68	84	74	61	39	23	7	6	-
Lymphoid leukemia (204)														
All races, male	62	109	114	222	440	580	762	769	756	489	251	84	13	-
All races, female	44	73	73	162	286	379	464	454	393	194	74	28	3	-
White, male	18	36	41	60	154	201	298	315	363	285	177	56	10	-
White, female	37	65	68	141	256	346	429	417	363	176	69	26	3	-
Black, male	16	29	33	54	127	177	273	289	340	277	169	55	7	-
Black, female	6	8	5	18	27	30	34	36	28	17	5	2	-	-
Black, female	2	5	6	5	26	24	21	26	22	16	7	1	3	-
Myeloid leukemia (205)														
All races, male	273	285	341	454	715	919	1,094	1,004	817	465	169	56	6	-
All races, female	149	155	175	225	423	559	623	606	390	197	86	18	1	-
White, male	124	130	166	229	292	360	471	398	427	268	103	38	5	-
White, female	127	135	149	197	384	496	575	571	353	176	64	18	1	-
Black, male	105	114	145	201	262	331	423	374	402	257	97	35	3	-
Black, female	16	19	20	20	30	52	43	28	33	19	2	-	-	-
Black, female	17	12	19	24	26	24	38	22	24	9	5	3	2	-
Monocytic leukemia (206)														
All races, male	7	7	11	12	18	32	42	43	33	19	15	4	-	-
All races, female	2	4	5	8	8	22	27	26	15	9	5	2	-	-
White, male	5	3	6	4	10	10	15	17	18	10	10	2	-	-
White, female	2	4	5	8	8	19	24	24	12	9	4	2	-	-
Black, male	4	1	6	4	9	9	14	16	18	10	10	2	-	-
Black, female	-	-	-	-	-	2	3	2	3	-	1	-	-	-
Black, female	-	2	-	-	1	1	1	1	-	-	-	-	-	-
Other and unspecified leukemia (207-208)														
All races, male	118	113	154	259	407	585	752	806	685	417	195	56	3	-
All races, female	76	63	93	149	232	351	414	430	340	162	74	17	2	-
White, male	42	50	61	110	175	234	338	376	345	255	121	39	3	-
White, female	60	57	77	127	204	327	370	405	311	153	69	17	2	-
Black, male	36	43	51	96	160	211	312	350	329	241	109	36	2	-
Black, female	14	6	15	19	20	21	32	21	28	6	5	-	-	-
Black, female	5	5	9	13	14	19	24	25	15	14	11	3	1	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)														
All races, male	169	178	232	309	504	682	865	980	1,019	717	356	104	10	1
All races, female	73	91	134	159	252	342	421	429	433	259	109	21	3	-
White, male	96	87	98	150	252	340	444	551	586	458	247	83	7	1
White, female	65	77	112	126	223	289	375	387	409	232	101	20	3	-
Black, male	73	72	79	125	221	286	385	493	534	420	225	72	4	1
Black, female	7	12	19	32	27	40	38	37	21	23	7	1	-	-
Black, female	18	15	17	23	26	46	54	53	47	36	18	9	3	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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 *	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)	1,456	14	6	7	3	4	34	9	5	11	7	11	15	29
All races, male	569	8	5	6	1	2	22	4	2	6	2	5	7	15
All races, female	887	6	1	1	2	2	12	5	3	5	5	6	8	14
White, male	460	6	2	4	1	1	14	3	2	1	2	4	7	7
White, female	735	3	1	1	1	2	7	2	3	4	5	5	4	8
Black, male	95	2	1	1	1	1	5	1	1	5	1	1	1	7
Black, female	136	3	1	1	1	1	5	3	1	1	1	1	4	6
Of female genital organs (218-221)	24	—	—	—	—	—	—	—	—	—	—	—	2	—
All races, male	—	—	—	—	—	—	—	—	—	—	—	—	—	—
All races, female	24	—	—	—	—	—	—	—	—	—	—	—	2	—
White, male	—	—	—	—	—	—	—	—	—	—	—	—	—	—
White, female	16	—	—	—	—	—	—	—	—	—	—	—	1	—
Black, male	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, female	8	—	—	—	—	—	—	—	—	—	—	—	1	—
Of eye, brain, and other parts of nervous system (224-225)	922	2	1	2	1	1	7	5	2	3	2	4	3	14
All races, male	321	1	1	1	1	2	3	3	1	2	2	3	3	6
All races, female	601	1	—	1	1	1	4	2	1	1	2	1	—	8
White, male	271	1	1	1	—	—	3	2	1	1	—	3	3	3
White, female	503	—	—	1	1	1	3	—	1	1	2	1	—	6
Black, male	45	—	—	—	—	—	—	1	—	1	—	—	—	3
Black, female	88	1	—	—	—	—	1	2	—	—	—	—	—	2
Of all other and unspecified sites (210-217,222-223,226-229)	510	12	5	5	2	3	27	4	3	8	5	7	10	15
All races, male	248	7	4	5	1	2	19	1	1	4	2	2	4	9
All races, female	262	5	1	—	1	1	8	3	2	4	3	5	6	6
White, male	189	5	1	3	1	1	11	1	1	—	2	1	4	4
White, female	216	3	—	—	—	1	4	2	2	3	3	4	3	2
Black, male	50	2	1	1	—	1	5	—	—	—	—	1	—	4
Black, female	40	2	1	—	1	—	4	1	—	1	—	1	3	4
Carcinoma in situ (230-234)	10	—	—	—	—	—	—	—	—	1	—	—	—	1
All races, male	5	—	—	—	—	—	—	—	—	1	—	—	—	1
All races, female	5	—	—	—	—	—	—	—	—	—	—	—	—	—
White, male	5	—	—	—	—	—	—	—	—	1	—	—	—	1
White, female	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, male	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, female	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Of breast and genitourinary system (233)	5	—	—	—	—	—	—	—	—	—	—	—	—	—
All races, male	2	—	—	—	—	—	—	—	—	—	—	—	—	—
All races, female	3	—	—	—	—	—	—	—	—	—	—	—	—	—
White, male	2	—	—	—	—	—	—	—	—	—	—	—	—	—
White, female	3	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, male	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, female	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Of all other and unspecified sites (230-232,234)	5	—	—	—	—	—	—	—	—	1	—	—	—	1
All races, male	3	—	—	—	—	—	—	—	—	1	—	—	—	1
All races, female	2	—	—	—	—	—	—	—	—	—	—	—	—	—
White, male	3	—	—	—	—	—	—	—	—	1	—	—	—	1
White, female	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, male	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, female	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Neoplasms of uncertain behavior (235-238)	1,662	14	4	3	3	2	26	7	4	14	12	15	21	27
All races, male	821	6	2	2	—	1	11	3	2	8	9	14	10	15
All races, female	841	8	2	1	3	1	15	4	2	6	3	1	11	12
White, male	748	4	2	2	—	—	8	3	2	2	7	13	9	14
White, female	755	5	—	1	2	1	9	1	2	5	3	1	9	9
Black, male	66	2	—	—	—	—	2	—	—	4	2	1	1	1
Black, female	70	3	2	—	—	—	5	1	—	—	—	—	1	2
Neoplasms of unspecified nature (239)	3,573	28	15	5	7	7	62	32	28	18	24	40	64	58
All races, male	1,653	15	7	3	3	2	30	20	16	9	13	24	34	39
All races, female	1,920	13	8	2	4	5	32	12	12	9	11	16	30	19
White, male	1,472	14	3	2	3	1	23	18	14	7	8	21	30	35
White, female	1,678	7	8	2	3	4	24	10	10	8	10	11	20	13
Black, male	160	1	3	1	—	1	6	2	2	2	5	3	3	4
Black, female	215	4	—	—	1	1	6	2	1	1	—	4	10	3
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)														
All races, male	62,686	381	59	41	26	22	529	119	133	169	257	475	739	931
All races, female	26,530	199	32	18	9	12	270	58	74	86	134	284	464	594
White, male	36,156	182	27	23	17	10	259	61	59	83	123	191	275	337
White, female	21,856	151	20	18	8	12	209	49	63	65	106	209	355	437
Black, male	29,324	120	23	21	14	8	186	51	52	67	96	149	202	227
Black, female	4,201	40	10	—	1	—	51	7	10	20	26	71	98	152
Black, female	6,302	55	3	2	1	1	62	6	7	15	26	41	70	107
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)														
All races, male	59,640	367	58	40	25	22	512	116	132	165	253	468	729	918
All races, female	25,432	190	32	18	8	12	260	56	74	84	133	280	459	587
White, male	34,208	177	26	22	17	10	252	60	58	81	120	188	270	331
White, female	20,961	145	20	18	7	12	202	47	63	65	105	206	352	432
Black, male	27,648	118	22	21	14	8	183	51	51	66	93	146	201	225
Black, female	4,013	37	10	—	1	—	48	7	10	18	26	70	96	150
Black, female	6,047	52	3	1	1	1	58	6	7	14	26	41	66	103
Disorders of thyroid gland (240-246)														
All races, male	887	2	—	—	—	—	2	—	—	3	4	5	9	7
All races, female	191	1	—	—	—	—	1	—	—	1	—	2	3	1
White, male	696	1	—	—	—	—	1	—	—	2	4	3	6	6
White, female	156	1	—	—	—	—	1	—	—	1	—	2	2	1
Black, male	589	1	—	—	—	—	1	—	—	—	3	2	3	5
Black, female	32	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, female	102	—	—	—	—	—	—	—	—	2	1	1	3	1

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—Con.

(Page 20 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
Benign neoplasms, carcinoma in situ, etc.—Con.														
Benign neoplasms (210-229)	36	46	46	79	96	149	200	226	221	160	60	15	1	-
All races, male	9	20	22	38	40	57	83	84	82	54	14	3	-	-
All races, female	27	26	24	41	56	92	117	142	139	106	46	12	1	-
White, male	8	13	16	28	34	48	65	75	78	40	13	2	-	-
White, female	20	22	18	28	46	75	98	117	124	95	44	10	-	-
Black, male	1	6	5	9	6	9	14	9	4	12	-	1	-	-
Black, female	5	4	4	12	9	14	17	22	14	10	2	2	1	-
Of female genital organs (218-221)	3	6	1	3	-	2	2	2	-	1	2	-	-	-
All races, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All races, female	3	6	1	3	-	2	2	2	-	1	2	-	-	-
White, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	-	5	-	3	-	1	1	2	-	1	2	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	3	1	1	-	-	1	1	-	-	-	-	-	-	-
Of eye, brain, and other parts of nervous system (224-225)	17	28	29	48	65	93	142	159	151	103	36	11	-	-
All races, male	1	13	10	19	23	31	55	61	45	31	9	2	-	-
All races, female	16	15	19	29	42	62	87	98	106	72	27	9	-	-
White, male	1	7	8	16	19	26	45	57	44	22	8	2	-	-
White, female	13	12	15	19	33	53	73	80	93	64	26	8	-	-
Black, male	-	6	2	3	4	5	8	4	1	7	-	-	-	-
Black, female	1	3	3	10	8	7	13	16	12	8	1	1	-	-
Of all other and unspecified sites (210-217,222-223,226-229)	16	12	16	28	31	54	56	65	70	56	22	4	1	-
All races, male	8	7	12	19	17	26	28	23	37	23	5	1	-	-
All races, female	8	5	4	9	14	28	28	42	33	33	17	3	1	-
White, male	7	6	8	12	15	22	20	18	34	18	5	-	-	-
White, female	7	5	3	6	13	21	24	35	31	30	16	2	-	-
Black, male	1	-	3	6	2	4	6	5	3	5	-	1	-	-
Black, female	1	-	-	2	1	6	3	6	2	2	1	1	1	-
Carcinoma in situ (230-234)	-	-	1	-	1	1	2	1	1	-	-	-	1	-
All races, male	-	-	-	-	1	1	1	-	1	-	-	-	-	-
All races, female	-	-	1	-	-	1	1	1	-	-	-	-	1	-
White, male	-	-	-	-	1	1	1	-	1	-	-	-	-	-
White, female	-	-	1	-	-	1	1	1	-	-	-	-	1	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Of breast and genitourinary system (233)	-	-	1	-	1	-	1	-	1	-	-	-	1	-
All races, male	-	-	-	-	1	-	-	-	1	-	-	-	-	-
All races, female	-	-	1	-	-	-	1	-	-	-	-	-	1	-
White, male	-	-	-	-	1	-	-	-	1	-	-	-	-	-
White, female	-	-	1	-	-	-	1	-	-	-	-	-	1	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Of all other and unspecified sites (230-232,234)	-	-	-	-	-	1	1	1	-	-	-	-	-	-
All races, male	-	-	-	-	-	1	1	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)	42	27	44	61	110	184	228	288	271	162	94	24	1	-
All races, male	19	17	24	32	59	98	123	142	132	60	36	6	1	-
All races, female	23	10	20	29	51	86	105	146	139	102	58	18	-	-
White, male	17	15	22	27	55	87	113	132	128	55	32	6	1	-
White, female	19	9	15	27	49	73	95	135	131	96	51	16	-	-
Black, male	2	1	2	5	4	10	9	9	4	5	4	-	-	-
Black, female	4	1	5	2	1	12	9	10	7	5	4	1	-	-
Neoplasms of unspecified nature (239)	91	105	141	169	297	348	435	465	526	395	202	65	7	1
All races, male	45	54	88	89	152	187	214	203	218	145	59	12	2	-
All races, female	46	51	53	80	145	161	221	262	308	250	143	53	5	1
White, male	40	49	74	71	133	164	196	180	202	137	56	12	2	-
White, female	34	41	45	70	126	137	191	240	279	229	130	46	3	1
Black, male	4	5	12	18	17	21	15	19	13	6	3	-	-	-
Black, female	9	10	8	9	16	20	28	21	26	21	12	6	2	-
III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)	1,259	1,618	2,062	3,281	5,140	7,240	8,521	9,378	8,781	6,694	3,752	1,344	261	3
All races, male	765	942	1,128	1,712	2,469	3,350	3,805	3,864	3,170	2,078	950	273	58	2
All races, female	494	676	934	1,569	2,671	3,890	4,716	5,514	5,611	4,616	2,802	1,071	203	1
White, male	584	712	855	1,304	1,946	2,741	3,196	3,312	2,779	1,808	839	244	42	1
White, female	351	472	652	1,114	1,957	2,993	3,803	4,492	4,803	4,034	2,522	943	158	-
Black, male	171	210	244	360	480	563	552	489	325	232	99	25	15	1
Black, female	137	191	252	416	652	823	837	951	734	545	264	122	43	1
Endocrine and metabolic diseases and immunity disorders (240-259,270-279)	1,235	1,594	2,044	3,227	5,075	7,105	8,316	9,010	8,215	6,049	3,208	1,068	200	1
All races, male	754	928	1,119	1,681	2,435	3,283	3,711	3,713	2,956	1,862	799	216	42	-
All races, female	481	666	925	1,546	2,640	3,822	4,605	5,297	5,259	4,187	2,409	852	158	1
White, male	576	702	846	1,284	1,923	2,695	3,119	3,191	2,598	1,625	710	193	27	-
White, female	339	462	646	1,097	1,833	2,935	3,717	4,313	4,500	3,665	2,168	742	115	-
Black, male	168	206	244	350	469	544	536	460	295	206	77	19	14	-
Black, female	136	191	249	411	646	813	812	916	689	488	228	105	41	1
Disorders of thyroid gland (240-246)	14	12	20	30	39	62	89	124	157	158	96	47	9	-
All races, male	6	4	7	9	11	17	19	23	36	33	14	4	-	-
All races, female	8	8	13	21	28	45	70	101	121	125	82	43	9	-
White, male	3	3	4	8	9	15	15	20	29	11	3	-	-	-
White, female	5	4	7	16	22	36	55	82	112	112	75	41	8	-
Black, male	3	1	3	1	2	2	4	3	7	2	3	1	-	-
Black, female	3	4	5	5	5	8	14	18	9	13	7	2	1	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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)	46,833	6	5	5	3	2	21	11	21	31	105	250	437	593
All races, male	19,730	5	1	3	2	2	13	3	7	14	54	145	267	373
All races, female	27,103	1	4	2	1	-	8	8	14	17	51	105	170	220
White, male	16,282	5	-	3	2	2	12	1	6	7	35	102	207	283
White, female	21,771	1	3	2	1	-	7	7	13	10	36	79	138	156
Black, male	3,072	-	1	-	-	-	1	2	1	7	18	41	53	89
Black, female	4,883	-	1	-	-	-	1	1	1	6	15	26	29	63
Disorders of the pituitary gland and its hypothalamic control (253)														
All races, male	198	3	4	3	1	3	14	2	2	1	1	3	5	4
All races, female	80	2	2	1	-	1	6	2	1	-	-	1	2	2
White, male	118	1	2	2	1	2	8	-	1	1	1	2	3	2
White, female	71	1	-	1	-	1	3	2	-	-	-	1	2	2
Black, male	98	1	-	2	1	1	5	-	1	1	-	2	-	1
Black, female	8	1	2	-	-	-	3	-	1	-	-	-	-	-
Black, female	17	-	1	-	-	-	1	-	-	-	1	-	3	1
Diseases of thymus gland (254)														
All races, male	10	6	-	-	-	-	6	-	-	-	-	-	1	-
All races, female	6	4	-	-	-	-	4	-	-	-	-	-	-	-
White, male	4	2	-	-	-	-	2	-	-	-	-	-	1	-
White, female	5	3	-	-	-	-	3	-	-	-	-	-	-	-
Black, male	2	2	-	-	-	-	2	-	-	-	-	-	-	-
Black, female	2	-	-	-	-	-	-	-	-	-	-	-	1	-
Disorders of adrenal glands (255)														
All races, male	219	10	1	1	1	-	13	-	3	2	4	8	8	8
All races, female	83	2	-	1	-	-	3	-	1	-	2	5	5	3
White, male	136	8	1	-	1	-	10	-	2	2	2	3	3	5
White, female	69	-	-	1	-	-	1	-	1	-	1	5	5	2
Black, male	124	5	1	-	1	-	7	-	1	2	2	3	3	3
Black, female	14	2	-	-	-	-	2	-	-	-	1	-	-	1
Black, female	10	2	-	-	-	-	2	-	1	-	-	-	-	2
Cystic fibrosis (277.0)														
All races, male	428	15	-	5	4	2	26	44	57	72	68	82	32	25
All races, female	222	8	-	1	-	1	10	19	33	35	34	44	18	16
White, male	206	7	-	4	4	1	16	25	24	37	34	38	14	9
White, female	212	6	-	1	-	1	8	19	31	31	34	43	18	16
Black, male	192	5	-	4	3	1	13	22	21	35	32	37	14	9
Black, female	10	2	-	-	-	-	2	-	2	4	-	1	-	-
Black, female	13	2	-	-	-	-	2	3	3	2	2	1	-	-
Obesity (278.0)														
All races, male	1,339	-	-	-	-	-	-	-	1	2	10	28	63	76
All races, female	578	-	-	-	-	-	-	-	1	1	7	18	38	38
White, male	761	-	-	-	-	-	-	-	-	1	3	10	25	38
White, female	476	-	-	-	-	-	-	-	-	1	4	11	27	25
Black, male	554	-	-	-	-	-	-	-	-	1	2	6	13	23
Black, female	96	-	-	-	-	-	-	-	1	-	2	7	9	12
Black, female	200	-	-	-	-	-	-	-	-	-	1	4	12	15
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)														
All races, male	9,726	325	48	26	16	15	430	59	48	54	61	92	174	205
All races, female	4,542	168	29	12	6	8	223	32	31	33	36	65	126	154
White, male	5,184	157	19	14	10	7	207	27	17	21	25	27	48	51
White, female	3,690	129	20	12	5	8	174	25	25	25	31	42	91	103
Black, male	4,318	103	18	13	8	6	148	22	15	17	18	17	30	28
Black, female	781	32	7	-	1	-	40	5	5	7	5	21	34	48
Black, female	820	48	1	1	1	1	52	2	2	4	6	9	18	21
Nutritional deficiencies (260-269)														
All races, male	3,046	14	1	1	1	-	17	3	1	4	4	7	10	13
All races, female	1,098	9	-	-	1	-	10	2	-	2	1	4	5	7
White, male	1,948	5	1	1	-	-	7	1	1	2	3	3	5	6
White, female	895	6	-	-	1	-	7	2	-	-	1	3	3	5
Black, male	1,676	2	1	-	-	-	3	-	1	1	3	3	1	2
Black, female	188	3	-	-	-	-	3	-	-	2	-	1	2	2
Black, female	255	3	-	1	-	-	4	-	-	1	-	-	4	4
Nutritional marasmus (261)														
All races, male	308	2	-	1	-	-	3	1	-	1	-	1	2	3
All races, female	142	2	-	-	-	-	2	1	-	1	-	-	2	1
White, male	166	-	-	1	-	-	1	-	-	-	-	1	-	2
White, female	108	-	-	-	-	-	-	1	-	-	-	-	2	1
Black, male	130	-	-	-	-	-	-	-	-	-	-	1	-	-
Black, female	33	2	-	-	-	-	2	-	-	1	-	-	-	-
Black, female	32	-	-	1	-	-	1	-	-	-	-	-	-	2
Other protein-calorie malnutrition (262-263)														
All races, male	2,525	10	1	-	1	-	12	1	1	2	3	4	7	8
All races, female	876	6	-	-	1	-	7	-	-	1	1	3	3	6
White, male	1,649	4	1	-	-	-	5	1	1	1	2	1	4	2
White, female	721	5	-	-	1	-	6	-	-	-	1	3	1	4
Black, male	1,436	1	1	-	-	-	2	-	1	1	2	1	1	2
Black, female	143	1	-	-	-	-	1	-	-	1	-	-	2	2
Black, female	202	3	-	-	-	-	3	-	-	-	-	-	3	-
All other nutritional deficiencies (260,264-269)														
All races, male	213	2	-	-	-	-	2	1	-	1	2	1	2	2
All races, female	80	1	-	-	-	-	1	1	-	-	1	1	-	-
White, male	133	1	-	-	-	-	1	-	-	1	1	1	1	2
White, female	66	1	-	-	-	-	1	1	-	-	-	-	-	-
Black, male	110	1	-	-	-	-	1	-	-	-	1	1	-	-
Black, female	12	-	-	-	-	-	-	-	-	-	1	-	-	-
Black, female	21	-	-	-	-	-	-	-	-	1	-	-	1	2
IV. Diseases of blood and blood-forming organs (280-289)														
All races, male	8,590	90	29	19	20	9	167	45	39	62	99	133	177	210
All races, female	4,152	51	20	11	10	8	100	16	20	39	56	65	104	115
White, male	4,438	39	9	8	10	1	67	29	19	23	43	68	73	95
White, female	3,403	27	10	7	8	2	54	14	12	24	23	29	43	63
Black, male	3,664	21	2	5	7	-	35	15	12	9	17	35	32	44
Black, female	695	19	7	4	2	6	38	2	8	14	32	35	61	51
Black, female	706	14	7	3	2	1	27	9	6	14	25	32	39	48

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—Con.
(Page 22 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
Endocrine and metabolic diseases and immunity disorders-Con.														
Diabetes mellitus (250)	839	1,178	1,606	2,624	4,318	6,045	7,123	7,535	6,625	4,579	2,185	610	96	1
All races, male	517	681	875	1,349	2,033	2,746	3,175	3,077	2,360	1,362	529	128	22	-
All races, female	322	497	731	1,275	2,285	3,299	3,948	4,458	4,265	3,217	1,656	482	74	1
White, male	402	500	650	1,010	1,590	2,231	2,687	2,662	2,081	1,201	482	119	14	-
White, female	243	345	499	894	1,655	2,506	3,184	3,606	3,627	2,818	1,490	409	49	-
Black, male	108	165	200	301	406	472	433	360	225	137	39	7	7	-
Black, female	76	142	206	350	573	724	694	786	572	370	154	70	23	1
Disorders of the pituitary gland and its hypothalamic control (253)	6	9	2	7	15	20	27	24	27	15	10	3	1	-
All races, male	3	4	2	5	8	8	12	6	9	5	2	1	1	-
All races, female	3	5	-	2	7	12	15	18	18	10	8	2	-	-
White, male	3	3	2	4	7	8	10	6	9	5	2	1	1	-
White, female	1	5	-	2	6	12	11	17	18	8	6	2	-	-
Black, male	-	1	-	1	-	-	-	-	-	-	-	-	-	-
Black, female	2	-	-	-	-	-	4	1	-	2	2	-	-	-
Diseases of thymus gland (254)	-	1	-	-	-	1	-	-	1	-	-	-	-	-
All races, male	-	-	-	-	-	1	-	-	1	-	-	-	-	-
All races, female	-	1	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	1	-	-	1	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Disorders of adrenal glands (255)	8	7	14	8	13	23	24	31	20	14	9	2	-	-
All races, male	3	5	6	2	3	9	8	12	7	5	4	-	-	-
All races, female	5	2	8	6	10	14	16	19	13	9	5	2	-	-
White, male	1	5	6	1	3	9	8	10	5	3	3	-	-	-
White, female	3	2	8	6	10	13	15	17	13	9	5	2	-	-
Black, male	2	-	-	1	-	-	-	2	2	2	1	-	-	-
Black, female	2	-	-	-	-	1	-	2	-	-	-	-	-	-
Cystic fibrosis (277.0)	8	2	1	4	2	3	-	-	1	1	-	-	-	-
All races, male	5	1	1	2	2	2	-	-	-	-	-	-	-	-
All races, female	3	1	-	2	-	1	-	-	1	1	-	-	-	-
White, male	5	1	1	1	2	2	-	-	-	-	-	-	-	-
White, female	3	1	-	2	-	1	-	-	1	1	-	-	-	-
Black, male	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Obesity (278.0)	108	191	142	159	134	158	198	98	50	28	12	1	-	-
All races, male	53	72	71	68	62	64	38	32	11	3	-	1	-	-
All races, female	55	59	71	91	72	94	100	66	39	25	12	-	-	-
White, male	41	58	58	62	54	58	35	29	9	3	-	1	-	-
White, female	32	35	49	64	58	78	77	53	30	22	11	-	-	-
Black, male	12	14	13	5	8	6	3	3	1	-	-	-	-	-
Black, female	22	22	21	28	14	15	22	13	9	3	1	-	-	-
All other endocrine and metabolic diseases and immunity disorders (251-252,256-259, 270-276,277.1-277.9,278.1-279)	252	254	259	395	554	793	915	1,198	1,334	1,254	896	405	94	-
All races, male	167	161	157	246	316	436	459	563	532	454	250	82	19	-
All races, female	85	93	102	149	238	357	456	635	802	800	646	323	75	-
White, male	121	132	125	198	258	371	364	464	464	384	212	69	12	-
White, female	52	70	83	113	182	289	375	538	699	695	581	288	58	-
Black, male	43	25	28	40	53	64	94	92	60	65	34	11	7	-
Black, female	31	22	17	30	54	65	78	96	99	100	64	33	17	-
Nutritional deficiencies (260-269)	24	24	18	54	65	135	205	368	566	645	544	276	61	2
All races, male	11	14	9	31	34	67	94	151	214	216	151	57	16	2
All races, female	13	10	9	23	31	68	111	217	352	429	393	219	45	-
White, male	8	10	9	20	23	46	77	121	181	183	129	51	15	1
White, female	12	10	6	17	24	58	86	179	303	369	354	201	43	-
Black, male	3	4	-	10	11	19	16	29	30	26	22	6	1	1
Black, female	1	-	3	5	6	10	25	35	45	57	36	17	2	-
Nutritional marasmus (261)	8	3	3	11	12	19	33	44	54	51	41	13	3	2
All races, male	2	2	1	5	6	12	16	22	23	25	16	3	-	2
All races, female	6	1	2	6	6	7	17	22	31	26	25	10	3	-
White, male	1	1	1	3	3	9	15	15	16	22	15	2	-	1
White, female	5	1	1	4	6	6	13	18	22	21	21	8	3	-
Black, male	1	1	-	2	3	2	1	7	7	3	1	1	-	1
Black, female	1	-	1	1	-	1	4	4	6	5	4	2	-	-
Other protein-calorie malnutrition (262-263)	14	19	13	37	41	104	158	301	478	560	473	238	51	-
All races, male	7	11	7	23	23	48	73	117	178	180	126	47	15	-
All races, female	7	8	6	14	18	56	85	184	300	380	347	191	36	-
White, male	5	8	7	15	15	32	61	96	153	151	106	43	14	-
White, female	7	8	4	10	14	48	65	153	263	329	314	176	35	-
Black, male	2	3	-	7	8	16	12	20	22	22	20	4	1	-
Black, female	-	-	2	4	4	8	20	28	36	48	31	14	1	-
All other nutritional deficiencies (260,264-269)	2	2	2	6	12	12	14	23	34	34	30	25	7	-
All races, male	2	1	1	3	5	7	5	12	13	11	9	7	1	-
All races, female	-	1	1	3	7	5	9	11	21	23	21	18	6	-
White, male	2	1	1	2	5	5	1	10	12	10	8	6	1	-
White, female	-	1	1	3	4	4	8	8	18	19	19	17	5	-
Black, male	-	-	-	1	-	1	3	2	1	1	1	1	-	-
Black, female	-	-	-	-	2	1	3	3	3	4	1	1	1	-
IV. Diseases of blood and blood-forming organs (280-289)	195	203	205	308	481	799	984	1,193	1,325	1,043	638	232	51	1
All races, male	116	117	108	176	252	444	532	600	616	388	223	56	8	1
All races, female	79	86	97	132	229	355	452	593	709	655	415	176	43	-
White, male	66	76	67	136	206	390	479	547	565	344	205	53	7	-
White, female	43	47	57	103	167	304	396	521	653	597	381	162	34	-
Black, male	50	37	38	38	43	47	46	47	48	38	17	3	1	1
Black, female	34	35	39	28	54	46	51	65	52	51	29	14	8	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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)	3,993	38	19	13	12	6	88	26	21	43	69	76	99	110
All races, male	1,688	22	12	7	6	5	52	8	10	27	38	41	54	56
All races, female	2,305	16	7	6	6	1	36	18	11	16	31	35	45	54
White, male	1,267	6	6	3	4	1	20	6	6	14	10	8	8	22
White, female	1,022	9	—	3	3	—	15	6	6	2	8	12	13	19
Black, male	401	13	6	4	2	4	29	2	4	13	28	32	46	34
Black, female	451	4	7	3	2	1	17	7	5	14	23	23	30	35
Deficiency anemias (280-281)	273	1	—	1	—	—	2	—	—	—	—	—	—	2
All races, male	90	1	—	1	—	—	2	—	—	—	—	—	—	1
All races, female	183	—	—	—	—	—	—	—	—	—	—	—	—	1
White, male	73	—	—	—	—	—	—	—	—	—	—	—	—	1
White, female	166	—	—	—	—	—	—	—	—	—	—	—	—	1
Black, male	16	1	—	1	—	—	2	—	—	—	—	—	—	—
Black, female	16	—	—	—	—	—	—	—	—	—	—	—	—	—
Hemolytic anemias (282-283)	810	27	17	9	7	5	65	12	7	29	55	54	70	72
All races, male	362	14	10	5	3	4	36	5	3	17	28	28	38	33
All races, female	448	13	7	4	4	1	29	7	4	12	27	26	32	39
White, male	143	2	4	2	1	—	9	3	—	5	1	1	—	6
White, female	215	7	—	1	1	—	9	2	—	2	4	5	4	7
Black, male	214	10	6	3	2	4	25	2	3	12	27	26	38	27
Black, female	224	3	7	3	2	1	16	4	4	10	23	21	28	32
Aplastic anemia (284)	1,282	5	2	3	4	1	15	14	13	12	13	15	16	20
All races, male	614	3	2	1	3	1	10	3	7	9	9	8	10	11
All races, female	668	2	—	2	1	—	5	11	6	3	4	7	6	9
White, male	543	3	2	1	3	1	10	3	6	8	8	5	5	7
White, female	601	1	—	2	1	—	4	4	5	—	4	7	4	8
Black, male	63	—	—	—	—	—	—	1	1	1	1	3	5	4
Black, female	51	1	—	—	—	—	1	3	1	3	—	—	—	1
Other and unspecified anemias (285)	1,628	5	—	—	1	—	6	—	1	2	1	7	13	16
All races, male	622	4	—	—	—	—	4	—	—	1	1	5	6	11
All races, female	1,006	1	—	—	1	—	2	—	1	1	—	2	7	5
White, male	508	1	—	—	—	—	1	—	—	1	1	2	3	8
White, female	840	1	—	—	1	—	2	—	1	—	—	—	5	3
Black, male	108	2	—	—	—	—	2	—	—	—	—	3	3	3
Black, female	160	—	—	—	—	—	—	—	—	1	—	2	2	2
Purpura and other hemorrhagic conditions (287)	754	8	1	1	—	1	11	4	3	4	4	15	15	18
All races, male	361	3	1	1	—	1	6	1	1	2	2	6	9	8
All races, female	393	5	—	—	—	—	5	3	2	2	2	9	6	10
White, male	307	2	1	1	—	—	4	1	1	2	1	5	5	4
White, female	324	2	—	—	—	—	2	2	1	2	1	7	4	4
Black, male	46	—	—	—	—	1	1	—	—	1	1	1	4	4
Black, female	54	3	—	—	—	—	3	1	—	—	—	2	2	4
All other diseases of blood and blood-forming organs (286,288-289)	3,843	44	9	5	8	2	68	15	15	15	26	42	63	62
All races, male	2,103	26	7	3	4	2	42	7	9	10	16	18	41	51
All races, female	1,740	18	2	2	4	—	26	8	6	5	10	24	22	31
White, male	1,829	19	3	3	4	1	30	7	5	8	12	16	30	37
White, female	1,518	10	2	2	4	—	18	7	5	5	8	16	15	21
Black, male	248	6	1	—	—	1	8	—	4	1	3	2	11	13
Black, female	201	7	—	—	—	—	7	1	1	—	2	7	7	9
V. Mental disorders (290-319)	25,192	6	7	8	5	8	34	30	36	65	135	359	745	1,003
All races, male	12,102	4	4	5	2	6	21	17	19	48	94	235	580	788
All races, female	13,090	2	3	3	3	2	13	13	17	17	41	124	185	215
White, male	9,532	2	4	4	1	4	15	15	16	38	78	181	346	466
White, female	11,614	2	2	2	3	2	11	11	12	16	35	71	94	118
Black, male	2,353	1	—	1	1	2	5	2	3	7	12	45	193	291
Black, female	1,341	—	1	1	—	—	2	1	5	1	5	49	82	92
Senile and presenile organic psychotic conditions (290)	8,101	—	—	—	—	—	—	—	—	—	—	—	—	1
All races, male	2,793	—	—	—	—	—	—	—	—	—	—	—	—	—
All races, female	5,308	—	—	—	—	—	—	—	—	—	—	—	—	1
White, male	2,534	—	—	—	—	—	—	—	—	—	—	—	—	—
White, female	4,970	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, male	231	—	—	—	—	—	—	—	—	—	—	—	—	—
Black, female	309	—	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholic psychoses (291)	403	—	—	—	—	—	—	—	—	—	—	6	21	25
All races, male	342	—	—	—	—	—	—	—	—	—	—	6	17	24
All races, female	61	—	—	—	—	—	—	—	—	—	—	—	4	1
White, male	235	—	—	—	—	—	—	—	—	—	—	4	11	8
White, female	41	—	—	—	—	—	—	—	—	—	—	—	2	—
Black, male	96	—	—	—	—	—	—	—	—	—	—	1	5	15
Black, female	17	—	—	—	—	—	—	—	—	—	—	—	1	1
All other psychoses (292-299)	3,668	—	—	1	—	—	1	2	—	1	—	4	19	11
All races, male	1,401	—	—	1	—	—	1	2	—	1	—	2	11	8
All races, female	2,267	—	—	—	—	—	—	—	—	—	—	2	7	3
White, male	1,235	—	—	1	—	—	1	2	—	1	—	2	7	7
White, female	2,074	—	—	—	—	—	—	—	—	—	—	1	2	2
Black, male	149	—	—	—	—	—	—	—	—	—	—	—	4	1
Black, female	171	—	—	—	—	—	—	—	—	—	—	—	—	1
Alcohol dependence syndrome (303)	4,936	—	—	—	—	—	—	—	—	3	8	82	250	420
All races, male	3,831	—	—	—	—	—	—	—	—	2	4	52	195	329
All races, female	1,105	—	—	—	—	—	—	—	—	1	4	30	55	91
White, male	2,597	—	—	—	—	—	—	—	—	2	2	33	111	198
White, female	755	—	—	—	—	—	—	—	—	1	2	18	28	55
Black, male	1,129	—	—	—	—	—	—	—	—	—	1	16	72	109
Black, female	319	—	—	—	—	—	—	—	—	—	1	11	23	32

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	74	86	80	96	168	276	364	468	641	576	426	169	36	1
All races, male	41	51	36	44	85	123	167	206	271	188	146	39	3	1
All races, female	33	35	44	52	82	153	197	262	370	388	280	130	33	-
White, male	16	29	20	30	61	105	144	185	243	167	134	36	3	-
White, female	8	14	21	39	54	123	166	224	338	350	257	121	26	-
Black, male	25	21	15	13	24	16	18	19	26	20	12	3	-	1
Black, female	24	20	23	12	25	29	28	35	30	34	21	9	7	-
Deficiency anemias (280-281)	-	3	2	4	7	11	14	34	58	57	50	19	10	-
All races, male	-	2	1	4	4	3	8	12	17	11	22	4	2	-
All races, female	-	1	1	3	3	8	6	22	41	46	28	15	8	-
White, male	-	2	1	-	2	1	7	10	13	10	21	3	2	-
White, female	-	1	1	2	2	7	6	19	38	41	28	14	6	-
Black, male	-	-	-	1	2	2	-	2	4	1	1	1	-	-
Black, female	-	-	-	1	1	1	-	3	2	5	-	1	2	-
Hemolytic anemias (282-283)	41	38	29	21	33	53	41	65	57	44	19	5	-	-
All races, male	19	18	11	8	17	18	10	23	15	10	2	1	-	-
All races, female	22	20	18	13	16	35	31	42	34	29	9	3	-	-
White, male	2	3	5	6	11	15	9	23	21	12	9	2	-	-
White, female	1	2	3	7	7	29	27	35	31	28	9	3	-	-
Black, male	17	15	6	2	6	3	1	-	1	2	1	-	-	-
Black, female	21	18	15	6	8	5	4	5	3	1	-	-	-	-
Aplastic anemia (284)	21	21	24	43	74	123	171	168	219	164	101	26	9	-
All races, male	14	15	12	21	41	62	79	87	109	63	36	8	-	-
All races, female	7	6	12	22	33	61	92	81	110	101	65	18	9	-
White, male	10	12	7	16	35	58	72	80	102	59	33	7	-	-
White, female	6	5	9	20	30	53	83	75	102	94	63	17	8	-
Black, male	4	2	5	4	5	4	5	5	6	4	3	1	-	-
Black, female	-	-	3	2	1	8	8	6	7	4	1	1	1	-
Other and unspecified anemias (285)	12	24	25	28	54	89	138	201	307	311	256	119	17	1
All races, male	8	16	12	14	24	40	70	84	122	99	78	25	1	1
All races, female	4	8	13	14	30	49	68	117	185	212	178	94	16	-
White, male	4	12	7	8	13	31	56	72	107	86	71	24	1	-
White, female	1	6	8	10	15	34	50	95	167	187	157	87	12	-
Black, male	4	4	4	6	11	7	12	12	15	13	7	1	-	1
Black, female	3	2	5	3	15	15	16	21	18	24	20	7	4	-
Purpura and other hemorrhagic conditions (287)	26	24	19	41	41	72	90	106	107	94	44	11	5	-
All races, male	13	9	12	30	21	38	53	51	44	34	15	4	2	-
All races, female	13	15	7	11	20	34	37	55	63	60	29	7	3	-
White, male	9	7	8	25	16	34	46	47	42	31	13	4	2	-
White, female	11	8	4	9	11	27	34	48	60	56	24	6	3	-
Black, male	4	1	4	4	5	3	6	3	1	3	1	-	-	-
Black, female	2	4	2	2	6	6	3	7	3	3	3	1	-	-
All other diseases of blood and blood-forming organs (286,288-289)	95	93	106	171	272	451	530	619	577	373	168	52	10	-
All races, male	62	57	60	102	145	283	312	343	301	166	62	13	3	-
All races, female	33	36	46	69	127	168	218	276	276	207	106	39	7	-
White, male	41	40	39	81	129	251	289	315	280	146	58	13	2	-
White, female	24	25	32	55	102	154	196	249	255	191	100	35	5	-
Black, male	21	15	19	21	14	28	22	25	21	15	4	-	1	-
Black, female	8	11	14	14	23	11	20	23	19	14	5	4	1	-
V. Mental disorders (290-319)	889	870	822	872	1,061	1,166	1,551	2,451	3,736	4,367	3,263	1,407	322	8
All races, male	678	680	648	656	782	787	926	1,244	1,493	1,346	777	255	42	6
All races, female	211	190	174	216	279	379	625	1,207	2,243	3,021	2,486	1,152	280	2
White, male	412	422	396	456	597	631	784	1,096	1,357	1,247	720	228	28	3
White, female	120	119	120	158	205	311	544	1,085	2,065	2,815	2,371	1,085	247	1
Black, male	250	234	238	188	176	146	131	137	121	86	50	23	12	3
Black, female	84	63	48	52	68	63	77	112	165	186	99	57	29	1
Senile and presenile organic psychotic conditions (290)	2	4	5	25	97	212	520	1,106	1,755	2,032	1,567	626	148	1
All races, male	2	3	2	18	53	116	267	545	675	604	366	120	22	-
All races, female	-	1	3	7	44	96	253	561	1,080	1,428	1,201	506	126	1
White, male	1	2	1	12	40	95	236	493	625	567	343	103	16	-
White, female	-	1	2	5	33	81	223	514	1,008	1,336	1,158	490	117	1
Black, male	1	1	1	6	12	21	29	46	43	33	19	13	6	-
Black, female	-	-	1	2	11	14	28	45	69	82	37	13	7	-
Alcoholic psychoses (291)	32	40	24	39	54	65	40	27	18	10	2	-	-	-
All races, male	24	35	22	32	48	55	35	22	14	7	1	-	-	-
All races, female	8	5	2	7	6	10	5	5	4	3	1	-	-	-
White, male	12	19	11	22	34	46	30	19	11	7	1	-	-	-
White, female	4	3	-	4	3	8	5	5	4	3	-	-	-	-
Black, male	10	16	10	9	13	8	5	2	2	-	-	-	-	-
Black, female	3	2	2	3	3	2	-	-	-	-	-	-	-	-
All other psychoses (292-299)	17	15	24	35	77	138	224	421	776	905	671	271	62	-
All races, male	14	9	14	21	52	85	131	198	321	306	170	46	9	-
All races, female	3	6	10	14	25	53	93	223	455	599	501	225	53	-
White, male	13	6	13	15	45	74	112	167	285	276	159	42	8	-
White, female	2	5	9	9	21	46	76	197	417	560	478	205	44	-
Black, male	1	2	1	6	7	10	17	29	33	24	9	4	1	-
Black, female	1	1	-	3	2	7	16	24	36	35	21	17	7	-
Alcohol dependence syndrome (303)	491	606	610	629	637	536	364	182	78	25	9	1	-	5
All races, male	380	481	485	483	497	408	280	144	64	17	5	-	-	5
All races, female	111	125	125	146	140	128	84	38	14	8	4	1	-	-
White, male	243	298	286	334	369	315	218	115	54	12	4	-	-	3
White, female	64	72	82	107	98	102	68	32	13	8	4	1	-	-
Black, male	129	165	186	140	123	87	56	29	9	4	1	-	-	2
Black, female	44	47	38	37	39	24	16	6	1	-	-	-	-	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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
Drug dependence (304)	515	-	-	-	-	-	-	-	-	1	19	56	114	156
All races, male	388	-	-	-	-	-	-	-	-	1	15	39	77	129
All races, female	127	-	-	-	-	-	-	-	-	-	4	17	37	27
White, male	256	-	-	-	-	-	-	-	-	1	14	33	48	85
White, female	70	-	-	-	-	-	-	-	-	-	4	6	18	12
Black, male	129	-	-	-	-	-	-	-	-	-	1	6	28	44
Black, female	54	-	-	-	-	-	-	-	-	-	-	10	18	15
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	7,173	3	3	1	2	1	10	8	8	42	79	183	319	351
All races, male	3,104	2	1	1	1	1	6	2	5	32	58	117	243	276
All races, female	4,069	1	2	-	1	-	4	6	3	10	21	66	78	75
White, male	2,459	-	1	1	1	1	4	2	4	25	47	93	156	150
White, female	3,579	1	1	-	1	-	3	5	3	9	18	39	39	36
Black, male	595	1	-	-	-	-	1	-	1	4	8	21	80	118
Black, female	447	-	1	-	-	-	1	1	-	1	3	26	35	38
Mental retardation (317-319)	396	3	4	6	3	7	23	20	28	18	29	28	28	39
All races, male	243	2	3	3	1	5	14	13	14	12	17	19	17	22
All races, female	153	1	1	3	2	2	9	7	14	6	12	9	11	17
White, male	216	2	3	2	-	3	10	11	12	9	15	16	13	18
White, female	125	1	1	2	2	2	8	6	9	6	11	7	5	12
Black, male	24	-	-	1	1	2	4	2	2	3	2	1	4	4
Black, female	24	-	-	1	-	-	1	-	5	-	1	2	5	5
VI. Diseases of the nervous system and sense organs (320-389)	38,486	721	230	122	100	85	1,258	258	269	391	434	436	527	598
All races, male	18,650	403	136	78	58	50	725	138	158	271	283	285	336	354
All races, female	19,836	318	94	44	42	35	533	120	111	120	151	151	191	244
White, male	16,603	287	95	59	39	39	519	113	122	219	229	226	241	286
White, female	17,955	204	74	37	28	31	374	86	85	118	117	117	137	185
Black, male	1,845	98	34	14	16	9	171	22	33	45	51	55	88	80
Black, female	1,705	98	17	6	13	3	137	31	24	33	32	31	50	54
Diseases of the nervous system (320-359)	38,381	709	227	121	100	85	1,242	257	267	391	434	433	526	596
All races, male	18,610	398	135	78	58	50	719	138	157	271	283	282	336	353
All races, female	19,771	311	92	43	42	35	523	119	110	120	151	151	190	243
White, male	16,572	284	94	59	39	39	515	113	122	219	229	224	241	285
White, female	17,903	199	72	36	28	31	366	86	84	85	118	117	137	184
Black, male	1,839	98	34	14	16	9	171	22	32	45	51	55	88	80
Black, female	1,693	96	17	6	13	3	135	30	24	33	32	31	49	54
Meningitis (320-322)	1,068	229	51	20	20	8	328	12	9	13	11	22	43	44
All races, male	588	126	37	16	11	5	195	6	6	8	7	11	29	31
All races, female	480	103	14	4	9	3	133	6	3	5	4	11	14	13
White, male	383	74	26	12	8	3	123	5	3	6	3	7	17	17
White, female	320	54	12	3	4	3	76	3	4	2	8	7	10	8
Black, male	186	44	8	4	3	2	61	1	2	2	4	4	12	13
Black, female	145	43	2	1	5	-	51	3	-	-	2	3	4	5
Parkinson's disease (332)	6,984	-	-	-	-	-	-	-	-	-	-	2	1	-
All races, male	3,996	-	-	-	-	-	-	-	-	-	-	1	1	-
All races, female	2,988	-	-	-	-	-	-	-	-	-	-	1	-	-
White, male	3,795	-	-	-	-	-	-	-	-	-	-	1	1	-
White, female	2,857	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	158	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	107	-	-	-	-	-	-	-	-	-	-	1	-	-
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	19,193	198	74	33	20	26	351	72	52	50	59	53	73	87
All races, male	8,135	110	38	20	9	17	194	46	31	26	26	31	42	55
All races, female	11,058	88	36	13	11	9	157	26	21	24	33	22	31	32
White, male	7,575	88	26	16	7	14	151	38	26	22	20	26	37	48
White, female	10,401	68	30	11	9	8	126	20	18	20	29	20	28	31
Black, male	505	20	9	3	2	2	36	6	4	4	6	4	4	7
Black, female	591	14	6	1	2	-	23	6	3	4	4	2	3	1
Multiple sclerosis (340)	1,679	-	-	-	-	-	-	-	3	2	8	12	56	94
All races, male	633	-	-	-	-	-	-	-	2	1	2	5	22	39
All races, female	1,046	-	-	-	-	-	-	-	1	1	6	7	34	61
White, male	580	-	-	-	-	-	-	-	-	1	2	3	17	28
White, female	929	-	-	-	-	-	-	-	-	1	2	4	24	43
Black, male	51	-	-	-	-	-	-	-	2	-	2	5	5	5
Black, female	111	-	-	-	-	-	-	-	1	-	4	3	8	16
Infantile cerebral palsy (343)	755	51	28	26	27	21	153	95	92	88	50	54	35	35
All races, male	417	24	18	15	18	14	89	44	46	51	27	31	20	20
All races, female	338	27	10	11	9	7	64	51	46	37	23	23	15	15
White, male	337	18	14	11	9	11	63	35	36	39	23	25	17	18
White, female	251	18	7	10	4	6	45	33	31	22	19	18	14	13
Black, male	73	5	4	3	8	3	23	8	10	12	4	6	2	1
Black, female	78	8	3	1	5	1	18	15	13	14	4	4	1	2
Epilepsy (345)	1,595	18	7	6	5	7	43	19	23	46	104	118	142	135
All races, male	897	10	2	4	3	1	20	9	13	25	56	75	102	82
All races, female	698	8	5	2	2	6	23	10	10	21	48	43	40	53
White, male	613	8	1	3	1	1	14	8	11	14	42	57	74	52
White, female	526	4	3	1	2	6	16	7	7	15	39	35	31	39
Black, male	267	2	1	1	2	-	6	1	2	11	12	18	25	25
Black, female	161	3	2	1	-	-	6	3	3	6	8	7	9	13
Other diseases of the nervous system (323-326,341-342,344,346-359)	7,107	213	67	36	28	23	367	59	88	192	202	172	176	201
All races, male	3,944	128	40	23	17	13	221	33	59	160	165	128	120	132
All races, female	3,163	85	27	13	11	10	146	26	29	32	37	44	56	69
White, male	3,289	96	27	17	14	10	164	27	46	137	139	105	78	102
White, female	2,619	55	20	11	9	8	103	23	25	23	27	32	30	50
Black, male	599	27	12	3	1	2	45	6	12	16	25	21	40	29
Black, female	500	28	4	2	1	2	37	3	4	9	10	11	24	17

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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)	91	29	15	7	8	3	4	7	2	2	-	-	-	1
All races, male	75	24	12	5	4	1	2	3	-	-	-	-	-	1
All races, female	16	5	3	2	4	2	2	4	2	2	-	-	-	-
White, male	41	18	6	3	1	1	2	3	-	-	-	-	-	-
White, female	9	3	2	-	4	2	2	4	2	2	-	-	-	-
Black, male	33	5	6	2	3	-	-	-	-	-	-	-	-	1
Black, female	7	2	1	1	-	-	-	-	-	-	-	-	-	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	237	157	121	121	163	190	373	692	1,099	1,387	1,012	508	112	1
All races, male	173	114	98	87	111	108	194	320	416	410	234	89	11	-
All races, female	64	43	23	34	52	82	179	372	683	977	778	419	101	1
White, male	92	65	64	60	92	87	169	288	379	383	212	83	4	-
White, female	34	31	17	29	39	65	161	329	616	902	730	386	86	-
Black, male	76	45	34	25	17	19	24	31	34	25	21	6	5	-
Black, female	28	10	6	5	12	15	17	37	59	69	41	27	15	1
Mental retardation (317-319)	19	19	23	16	25	22	26	16	8	6	2	1	-	-
All races, male	10	14	15	10	17	14	17	12	3	2	1	-	-	-
All races, female	9	5	8	6	8	8	9	4	5	4	1	1	-	-
White, male	10	14	15	10	16	13	17	11	3	2	1	-	-	-
White, female	7	4	8	4	7	7	9	4	5	4	1	1	-	-
Black, male	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Black, female	1	1	-	1	1	1	-	-	-	-	-	-	-	-
VI. Diseases of the nervous system and sense organs (320-389)	722	734	921	1,258	2,013	3,123	4,388	6,092	6,626	5,104	2,415	787	127	5
All races, male	426	405	484	685	1,105	1,702	2,326	3,152	3,041	1,929	669	156	15	4
All races, female	296	329	437	572	908	1,421	2,062	2,940	3,585	3,175	1,746	631	112	1
White, male	339	312	378	579	960	1,531	2,122	2,927	2,880	1,833	641	148	15	3
White, female	230	257	358	484	769	1,269	1,898	2,742	3,374	3,012	1,672	598	105	-
Black, male	81	86	101	104	133	151	184	204	140	82	25	8	-	1
Black, female	64	70	72	71	125	140	152	181	194	141	65	30	7	1
Diseases of the nervous system (320-359)	720	733	919	1,252	2,009	3,113	4,381	6,084	6,617	5,092	2,406	782	122	5
All races, male	424	405	483	684	1,103	1,695	2,323	3,148	3,040	1,928	666	154	14	4
All races, female	296	328	436	568	906	1,418	2,058	2,936	3,577	3,164	1,740	628	108	1
White, male	338	312	377	578	958	1,525	2,120	2,923	2,879	1,833	638	146	14	3
White, female	230	256	357	480	769	1,266	1,894	2,738	3,368	3,004	1,668	595	101	-
Black, male	80	86	101	103	133	150	183	204	140	81	25	8	-	1
Black, female	64	70	72	71	123	140	152	181	193	138	63	30	7	1
Meningitis (320-322)	47	38	45	38	68	87	74	59	63	44	17	2	2	2
All races, male	37	28	24	21	37	51	29	19	25	18	5	-	-	1
All races, female	10	10	21	17	31	36	45	40	38	26	12	2	2	1
White, male	18	13	12	13	24	39	23	15	23	16	5	-	-	1
White, female	6	5	13	8	21	27	30	33	32	19	10	1	1	-
Black, male	19	15	11	8	11	10	5	4	2	2	-	-	-	-
Black, female	3	5	8	8	8	9	12	7	6	6	2	1	1	1
Parkinson's disease (332)	1	5	14	46	137	449	954	1,641	1,879	1,282	471	95	7	-
All races, male	-	2	6	26	91	296	628	1,024	1,060	617	203	39	2	-
All races, female	1	3	8	20	46	153	326	617	819	665	268	56	5	-
White, male	-	2	6	25	82	275	586	968	1,021	590	198	38	2	-
White, female	1	2	5	20	42	147	307	588	766	644	258	53	4	-
Black, male	-	-	-	1	8	18	32	45	29	19	5	1	-	-
Black, female	-	1	2	-	3	5	18	23	28	14	8	3	1	-
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	154	174	278	507	893	1,457	2,231	3,289	3,857	3,215	1,643	601	106	1
All races, male	104	109	155	284	491	762	1,077	1,550	1,586	1,080	378	98	8	1
All races, female	50	65	122	223	392	695	1,154	1,739	2,271	2,135	1,265	503	98	-
White, male	95	89	137	265	453	707	1,006	1,454	1,500	1,036	363	93	8	1
White, female	44	53	109	197	352	639	1,086	1,643	2,150	2,040	1,221	482	93	-
Black, male	7	16	17	18	35	46	67	92	79	39	13	5	-	-
Black, female	6	12	10	20	35	51	62	91	111	84	40	18	5	-
Multiple sclerosis (340)	176	164	207	170	233	207	165	106	55	19	2	-	-	-
All races, male	65	64	73	68	83	75	67	50	17	6	-	-	-	-
All races, female	111	100	134	102	150	132	98	56	38	13	2	-	-	-
White, male	60	59	66	62	75	72	64	48	17	6	-	-	-	-
White, female	92	83	117	96	139	127	94	55	38	12	2	-	-	-
Black, male	5	5	7	6	8	3	1	2	-	-	-	-	-	-
Black, female	19	17	17	4	11	5	4	1	-	1	-	-	-	-
Infantile cerebral palsy (343)	27	19	19	16	19	17	12	12	5	6	-	1	-	-
All races, male	17	13	9	8	12	9	8	6	4	3	-	-	-	-
All races, female	10	6	10	8	7	8	4	6	1	3	-	1	-	-
White, male	16	10	8	8	9	9	8	6	4	3	-	-	-	-
White, female	7	4	8	8	7	8	4	6	1	2	-	1	-	-
Black, male	1	2	1	-	3	-	-	-	-	-	-	-	-	-
Black, female	3	1	2	-	-	-	-	-	-	1	-	-	-	-
Epilepsy (345)	110	92	88	93	108	112	101	105	66	56	24	9	-	1
All races, male	72	55	52	50	60	63	56	45	32	19	7	3	-	1
All races, female	38	37	36	43	48	49	45	60	34	37	17	6	-	-
White, male	49	38	25	28	42	42	37	31	28	13	6	2	-	-
White, female	28	26	26	33	35	37	36	46	24	26	15	5	-	-
Black, male	22	17	27	22	15	19	19	14	3	6	1	1	-	1
Black, female	9	11	10	9	12	9	9	13	10	11	2	1	-	-
Other diseases of the nervous system (323-326,341-342,344,346-359)	205	241	268	382	561	784	844	872	692	470	249	74	7	1
All races, male	129	134	163	227	329	439	458	454	316	185	73	14	4	1
All races, female	76	107	105	155	232	345	386	418	376	285	176	60	3	-
White, male	100	101	123	177	273	381	396	401	286	169	66	13	4	1
White, female	52	63	79	118	173	281	337	367	337	261	162	53	3	-
Black, male	26	31	38	48	53	54	59	47	27	15	6	1	-	-
Black, female	24	23	23	30	54	61	47	46	38	21	11	7	-	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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)	34	1	1	-	-	-	2	-	1	-	-	2	-	-
All races, male	12	1	-	-	-	-	1	-	-	-	-	2	-	-
All races, female	22	-	1	-	-	-	1	-	1	-	-	-	-	-
White, male	12	1	-	-	-	-	1	-	-	-	-	2	-	-
White, female	19	-	1	-	-	-	1	-	1	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the ear and mastoid process (380-389)	71	11	2	1	-	-	14	1	1	-	-	1	1	2
All races, male	453,057	4	1	-	-	-	5	-	1	-	-	1	-	1
All races, female	43	7	1	1	-	-	9	1	-	-	-	-	1	1
White, male	19	2	1	-	-	-	3	1	-	-	-	-	-	1
White, female	33	5	1	1	-	-	7	-	-	-	-	-	-	1
Black, male	6	-	-	-	-	-	-	-	1	-	-	-	-	-
Black, female	10	2	-	-	-	-	2	1	-	-	-	-	1	-
VII. Diseases of the circulatory system (390-459)	936,157	966	175	83	45	38	1,307	166	237	444	834	1,582	3,146	5,462
All races, male	453,057	540	93	50	23	27	733	88	120	260	500	973	2,068	3,835
All races, female	483,100	426	82	33	22	11	574	78	117	184	334	609	1,078	1,627
White, male	398,403	377	53	38	16	17	501	61	89	186	347	702	1,437	2,704
White, female	425,981	270	51	21	19	7	368	56	71	115	216	373	671	990
Black, male	48,847	141	34	10	6	9	200	24	27	67	143	252	594	1,060
Black, female	52,749	142	26	10	3	3	184	17	39	61	110	216	389	593
Rheumatic fever and rheumatic heart disease (390-398)	6,087	4	2	3	-	1	10	6	4	11	24	36	72	91
All races, male	1,877	2	-	2	-	1	5	4	1	3	7	16	35	32
All races, female	4,210	2	2	1	-	-	5	2	3	8	17	20	37	59
White, male	1,674	2	-	2	-	1	5	4	-	2	5	11	21	16
White, female	3,849	2	2	1	-	-	5	2	1	7	12	16	26	42
Black, male	168	-	-	-	-	-	-	-	1	1	-	4	12	14
Black, female	280	-	-	-	-	-	-	-	2	-	4	3	8	14
Acute rheumatic fever (390-392)	70	-	-	-	-	-	-	-	2	2	2	2	2	5
All races, male	26	-	-	-	-	-	-	-	-	-	-	2	1	2
All races, female	44	-	-	-	-	-	-	-	2	2	2	-	1	3
White, male	24	-	-	-	-	-	-	-	-	-	-	2	1	1
White, female	37	-	-	-	-	-	-	-	1	1	1	-	1	1
Black, male	2	-	-	-	-	-	-	-	2	-	-	-	-	1
Black, female	6	-	-	-	-	-	-	-	1	-	1	-	-	2
Chronic rheumatic heart disease (393-398)	6,017	4	2	3	-	1	10	6	2	9	22	34	70	86
All races, male	1,851	2	-	2	-	1	5	4	1	3	7	14	34	30
All races, female	4,166	2	2	1	-	-	5	2	1	6	15	20	36	56
White, male	1,650	2	-	2	-	1	5	4	-	2	5	9	20	15
White, female	3,812	2	2	1	-	-	5	2	-	6	11	16	25	41
Black, male	166	-	-	-	-	-	-	-	1	1	-	4	12	13
Black, female	274	-	-	-	-	-	-	-	1	-	3	3	8	12
Diseases of mitral valve (394)	2,748	1	-	3	-	1	5	6	2	6	15	19	46	45
All races, male	791	-	-	2	-	1	3	4	1	2	4	6	22	9
All races, female	1,957	1	-	1	-	-	2	2	1	4	11	13	24	36
White, male	710	-	-	2	-	1	3	4	-	2	4	4	16	5
White, female	1,792	1	-	1	-	-	2	2	-	4	8	12	20	27
Black, male	66	-	-	-	-	-	-	-	1	-	-	2	4	3
Black, female	114	-	-	-	-	-	-	-	1	-	3	1	2	8
Diseases of aortic valve (395)	209	-	-	-	-	-	-	-	-	-	-	-	-	7
All races, male	96	-	-	-	-	-	-	-	-	-	-	-	-	6
All races, female	113	-	-	-	-	-	-	-	-	-	-	-	-	1
White, male	89	-	-	-	-	-	-	-	-	-	-	-	-	5
White, female	99	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	4	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	14	-	-	-	-	-	-	-	-	-	-	-	-	1
Diseases of mitral and aortic valves (396)	1,041	2	2	-	-	-	4	-	-	2	1	3	4	8
All races, male	369	1	-	-	-	-	1	-	-	-	1	3	3	3
All races, female	672	1	2	-	-	-	3	-	-	2	-	-	1	5
White, male	318	1	-	-	-	-	1	-	-	-	-	3	2	-
White, female	609	1	2	-	-	-	3	-	-	2	-	-	1	3
Black, male	41	-	-	-	-	-	-	-	-	-	-	-	1	3
Black, female	57	-	-	-	-	-	-	-	-	-	-	-	-	1
All other chronic rheumatic heart disease (393,397-398)	2,019	1	-	-	-	-	1	-	-	1	6	12	20	26
All races, male	595	1	-	-	-	-	1	-	-	1	2	5	9	12
All races, female	1,424	-	-	-	-	-	-	-	-	4	7	11	14	14
White, male	533	1	-	-	-	-	1	-	-	-	1	2	2	5
White, female	1,312	-	-	-	-	-	-	-	-	-	3	4	4	11
Black, male	55	-	-	-	-	-	-	-	-	1	-	2	7	6
Black, female	89	-	-	-	-	-	-	-	-	-	-	2	6	2
Hypertensive disease (401-404)	32,114	5	4	-	1	-	10	3	4	6	26	69	162	297
All races, male	13,648	5	1	-	1	-	7	2	1	3	18	51	117	201
All races, female	18,466	-	3	-	-	-	3	1	3	3	8	18	45	96
White, male	9,559	4	1	-	1	-	6	1	-	1	10	25	59	88
White, female	13,795	-	3	-	-	-	3	1	3	-	4	7	15	23
Black, male	3,860	1	-	-	-	-	1	1	1	2	8	25	56	113
Black, female	4,473	-	-	-	-	-	-	-	-	3	4	9	29	71
Essential hypertension (401)	4,392	3	2	-	-	-	5	2	1	1	4	15	19	32
All races, male	1,761	3	-	-	-	-	3	2	-	1	2	10	13	20
All races, female	2,631	-	2	-	-	-	2	-	1	-	2	5	6	12
White, male	1,316	3	-	-	-	-	3	1	-	1	3	9	14	14
White, female	2,073	-	2	-	-	-	2	-	1	-	2	2	1	4
Black, male	420	-	-	-	-	-	-	1	-	-	1	7	4	6
Black, female	532	-	-	-	-	-	-	-	-	-	-	2	5	8

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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
Disorders of the eye and adnexa (360-379)	-	-	-	-	1	1	2	3	5	6	3	4	4	-
All races, male	-	-	-	-	1	1	1	1	1	1	2	1	1	-
All races, female	-	-	-	-	-	-	1	2	4	6	1	3	3	-
White, male	-	-	-	-	1	1	1	1	1	1	2	1	1	-
White, female	-	-	-	-	-	-	1	2	2	5	1	3	3	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Diseases of the ear and mastoid process (380-389)	2	1	2	6	3	9	5	5	4	6	6	1	1	-
All races, male	2	-	1	2	1	6	2	3	-	1	1	1	-	-
All races, female	-	1	1	4	2	3	3	2	4	5	5	-	1	-
White, male	1	-	1	1	1	5	1	3	-	-	1	1	-	-
White, female	-	1	1	4	-	3	3	2	4	3	3	-	1	-
Black, male	1	-	-	1	-	1	1	-	-	1	-	-	-	-
Black, female	-	-	-	-	2	-	-	-	-	2	2	-	-	-
VII. Diseases of the circulatory system (390-459)	9,536	14,766	22,374	36,289	60,505	89,539	114,967	145,275	157,830	138,871	88,907	36,209	7,795	116
All races, male	6,836	10,731	15,807	25,085	40,078	56,225	66,351	74,300	67,939	47,791	23,921	7,957	1,393	66
All races, female	2,700	4,035	6,567	11,204	20,427	33,314	48,616	70,975	89,891	91,080	64,986	28,252	6,402	50
White, male	5,170	8,293	12,462	20,721	33,979	48,815	59,201	66,956	62,143	43,668	22,241	7,308	1,177	42
White, female	1,725	2,693	4,612	8,279	15,906	27,261	41,527	62,242	81,577	84,068	61,212	26,367	5,618	34
Black, male	1,525	2,231	3,038	3,982	5,565	6,723	6,434	6,488	4,960	3,310	1,436	567	198	23
Black, female	920	1,256	1,802	2,685	4,207	5,599	6,585	8,107	7,708	6,419	3,381	1,716	740	15
Rheumatic fever and rheumatic heart disease (390-398)	164	181	216	335	523	755	911	1,025	895	524	228	70	5	-
All races, male	77	71	78	135	199	253	285	292	216	120	38	8	2	-
All races, female	87	110	138	200	324	502	626	734	679	404	190	62	3	-
White, male	51	61	63	118	173	235	262	276	208	115	38	8	2	-
White, female	63	81	113	167	290	453	589	697	652	393	179	58	3	-
Black, male	22	9	11	15	22	15	18	14	6	4	-	-	-	-
Black, female	20	22	19	28	24	35	26	30	24	9	8	4	-	-
Acute rheumatic fever (390-392)	6	1	1	6	7	8	7	9	7	3	-	-	-	-
All races, male	2	1	1	3	1	4	3	3	1	2	-	-	-	-
All races, female	4	-	-	3	6	4	4	6	6	1	-	-	-	-
White, male	1	1	1	3	1	4	3	3	1	2	-	-	-	-
White, female	3	-	-	2	6	4	4	6	6	1	-	-	-	-
Black, male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	1	-	-	1	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (393-398)	158	180	215	329	516	747	904	1,017	888	521	228	70	5	-
All races, male	75	70	77	132	198	249	282	289	215	118	38	8	2	-
All races, female	83	110	138	197	318	498	622	728	673	403	190	62	3	-
White, male	50	60	62	115	172	231	259	273	207	113	38	8	2	-
White, female	60	81	113	165	284	449	585	691	646	392	179	58	3	-
Black, male	21	9	11	15	22	15	18	14	6	4	-	-	-	-
Black, female	19	22	19	27	24	35	26	30	24	9	8	4	-	-
Diseases of mitral valve (394)	80	83	113	165	242	331	452	451	362	210	82	31	2	-
All races, male	30	33	39	70	80	95	129	118	82	48	10	5	1	-
All races, female	50	50	74	95	162	236	323	333	280	162	72	26	1	-
White, male	21	27	33	61	65	88	125	113	79	44	10	5	1	-
White, female	36	35	59	80	146	218	303	313	274	160	67	25	1	-
Black, male	7	6	4	8	12	6	3	5	2	3	-	-	-	-
Black, female	10	10	11	11	11	12	12	14	3	1	3	1	-	-
Diseases of aortic valve (395)	13	4	4	9	14	25	30	29	41	21	9	2	1	-
All races, male	8	3	3	3	8	14	17	15	10	7	1	-	-	-
All races, female	5	1	1	6	6	11	13	14	31	14	8	2	-	-
White, male	8	2	3	3	7	14	14	15	9	7	1	-	1	-
White, female	2	1	-	6	5	9	13	11	30	13	7	2	-	-
Black, male	-	1	-	-	1	-	1	-	-	-	-	-	-	-
Black, female	3	-	1	-	1	2	-	3	1	1	1	-	-	-
Diseases of mitral and aortic valves (396)	23	26	24	42	72	117	142	184	174	128	68	19	-	-
All races, male	12	10	10	17	39	54	56	65	52	30	12	1	-	-
All races, female	11	16	14	25	33	63	86	119	122	98	56	18	-	-
White, male	8	8	8	13	33	48	45	58	48	30	12	1	-	-
White, female	9	15	11	20	28	55	79	113	108	93	52	17	-	-
Black, male	3	2	1	3	6	4	9	5	4	-	-	-	-	-
Black, female	2	1	3	5	3	7	7	6	14	4	3	1	-	-
All other chronic rheumatic heart disease (393,397-398)	42	67	74	113	188	274	280	353	311	162	69	18	2	-
All races, male	25	24	25	42	71	86	80	91	71	33	15	2	-	-
All races, female	17	43	49	71	117	188	200	262	240	129	54	16	2	-
White, male	13	23	18	38	67	81	75	87	71	32	15	2	-	-
White, female	13	30	43	59	105	167	190	254	234	126	53	14	2	-
Black, male	11	-	6	4	3	5	5	4	-	-	-	-	-	-
Black, female	4	11	4	11	9	14	7	7	6	3	1	2	-	-
Hypertensive disease (401-404)	493	804	1,067	1,602	2,402	3,254	3,835	4,833	5,052	4,323	2,631	1,035	199	7
All races, male	320	520	689	1,017	1,407	1,761	1,852	2,035	1,740	1,165	517	202	20	3
All races, female	173	284	378	585	995	1,493	1,983	2,798	3,312	3,158	2,114	833	179	4
White, male	154	242	362	603	902	1,215	1,346	1,555	1,401	951	445	178	14	1
White, female	61	107	170	283	553	939	1,382	2,098	2,693	2,701	1,875	732	143	2
Black, male	163	269	310	400	485	521	478	438	311	187	63	21	5	2
Black, female	109	175	206	294	429	530	585	670	580	426	224	93	34	2
Essential hypertension (401)	60	94	139	210	345	489	547	614	673	569	376	166	31	-
All races, male	38	60	95	132	190	266	248	253	205	133	66	21	3	-
All races, female	22	34	44	78	155	223	299	361	468	436	310	145	28	-
White, male	18	31	63	96	137	193	194	199	172	109	53	18	1	-
White, female	9	15	24	42	95	163	235	276	384	388	277	129	24	-
Black, male	20	27	31	35	53	71	49	49	30	21	10	3	2	-
Black, female	13	19	20	35	57	59	63	81	77	45	30	14	4	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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)	20,963	2	2	-	-	-	4	-	2	3	8	34	110	212
All races, male	8,923	2	1	-	-	-	3	-	1	1	6	27	78	145
All races, female	12,040	-	1	-	-	-	1	-	1	2	2	7	34	67
White, male	6,082	1	1	-	-	-	2	-	-	4	16	38	62	117
White, female	8,930	-	1	-	-	-	1	-	1	-	2	13	36	83
Black, male	2,688	1	-	-	-	-	1	-	1	1	2	11	36	83
Black, female	2,992	-	-	-	-	-	-	-	-	2	2	4	20	50
Hypertensive renal disease (403)	4,374	-	-	-	1	-	1	1	1	2	9	13	23	40
All races, male	2,010	-	-	-	1	-	1	-	1	6	10	21	25	25
All races, female	2,364	-	-	-	-	-	-	1	1	3	3	2	15	15
White, male	1,503	-	-	-	1	-	1	-	-	3	4	9	8	8
White, female	1,757	-	-	-	-	-	-	1	1	1	2	1	2	2
Black, male	472	-	-	-	-	-	-	-	-	1	3	5	12	17
Black, female	573	-	-	-	-	-	-	-	-	1	2	1	1	12
Hypertensive heart and renal disease (404)	2,385	-	-	-	-	-	-	-	-	-	5	7	10	13
All races, male	954	-	-	-	-	-	-	-	-	-	4	4	7	11
All races, female	1,431	-	-	-	-	-	-	-	-	-	1	3	3	2
White, male	658	-	-	-	-	-	-	-	-	-	2	2	3	4
White, female	1,035	-	-	-	-	-	-	-	-	-	1	1	-	-
Black, male	280	-	-	-	-	-	-	-	-	-	2	2	4	7
Black, female	376	-	-	-	-	-	-	-	-	-	-	2	3	1
Ischemic heart disease (410-414)														
Ischemic heart disease (410-414)	498,021	33	3	2	-	-	38	2	10	28	83	274	867	2,003
All races, male	257,524	17	3	2	-	-	22	2	5	17	58	208	653	1,636
All races, female	240,497	16	-	-	-	-	16	-	5	11	25	68	204	367
White, male	234,365	9	2	2	-	-	13	2	5	11	41	162	522	1,317
White, female	217,443	9	-	-	-	-	9	-	4	6	14	48	139	250
Black, male	20,243	7	1	-	-	-	8	-	4	17	43	132	287	287
Black, female	21,133	6	-	-	-	-	6	-	1	5	10	20	64	110
Acute myocardial infarction (410)	246,950	19	2	1	-	-	22	1	5	17	57	144	497	1,135
All races, male	134,298	11	2	1	-	-	14	1	3	11	41	110	381	936
All races, female	112,652	8	-	-	-	-	8	-	2	6	16	34	116	199
White, male	122,228	6	1	1	-	-	8	1	3	6	27	83	309	757
White, female	101,000	3	-	-	-	-	3	-	2	5	8	28	76	138
Black, male	10,545	5	1	-	-	-	6	-	-	3	14	26	66	157
Black, female	10,653	4	-	-	-	-	4	-	-	1	7	6	40	58
Other acute and subacute forms of ischemic heart disease (411)	3,376	2	-	-	-	-	2	-	-	-	5	9	15	28
All races, male	1,902	1	-	-	-	-	1	-	-	-	4	8	12	19
All races, female	1,474	1	-	-	-	-	1	-	-	-	1	1	3	9
White, male	1,608	-	-	-	-	-	-	-	-	-	2	7	7	17
White, female	1,235	-	-	-	-	-	-	-	-	-	-	-	3	7
Black, male	271	1	-	-	-	-	1	-	-	-	2	1	5	2
Black, female	225	1	-	-	-	-	1	-	-	-	1	1	-	1
Angina pectoris (413)	1,066	-	-	-	-	-	-	-	-	-	-	-	1	3
All races, male	474	-	-	-	-	-	-	-	-	-	-	-	1	3
All races, female	592	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	424	-	-	-	-	-	-	-	-	-	-	-	1	3
White, female	534	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	44	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	52	-	-	-	-	-	-	-	-	-	-	-	-	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	246,629	12	1	1	-	-	14	1	5	11	21	121	354	837
All races, male	120,850	5	1	1	-	-	7	1	2	6	13	88	269	678
All races, female	125,779	7	-	-	-	-	7	-	3	5	8	33	85	159
White, male	110,105	3	1	1	-	-	5	1	2	5	12	72	205	540
White, female	114,674	6	-	-	-	-	6	-	2	1	6	20	60	105
Black, male	9,383	1	-	-	-	-	1	-	-	1	1	16	61	128
Black, female	10,203	1	-	-	-	-	1	-	1	4	2	13	24	51
Diseases of pulmonary circulation (415-417)														
Diseases of pulmonary circulation (415-417)	11,966	168	13	3	1	4	189	13	11	36	81	135	185	227
All races, male	5,433	92	6	3	-	3	104	4	5	13	26	60	87	93
All races, female	6,533	76	7	-	1	1	85	9	6	23	55	75	78	134
White, male	4,490	63	5	2	-	3	73	4	4	10	17	44	56	87
White, female	5,399	43	5	-	1	1	50	5	4	13	39	46	49	84
Black, male	885	25	-	1	-	-	26	-	1	3	8	15	30	23
Black, female	1,089	32	1	-	-	-	33	3	1	9	15	28	26	47
Other forms of heart disease (420-429)														
Other forms of heart disease (420-429)	194,445	569	121	69	32	25	816	103	144	265	394	655	1,097	1,609
All races, male	93,491	312	65	40	17	18	452	58	71	178	277	430	751	1,157
All races, female	100,954	257	56	29	15	7	364	45	73	87	117	225	346	452
White, male	78,128	223	34	29	10	11	307	38	51	128	187	299	484	760
White, female	86,813	165	33	17	12	4	231	32	40	56	76	128	220	275
Black, male	14,057	75	30	9	6	6	126	18	17	46	85	121	256	380
Black, female	13,240	83	20	10	3	2	118	10	27	27	41	86	122	166
Acute and subacute endocarditis (421)	955	7	-	-	1	1	9	1	4	3	11	28	61	71
All races, male	535	4	-	-	1	1	6	1	2	-	7	19	35	48
All races, female	420	3	-	-	-	-	3	-	2	3	4	9	26	25
White, male	393	1	-	-	-	-	1	-	2	-	2	13	24	20
White, female	324	2	-	-	-	-	2	-	1	2	4	6	11	8
Black, male	132	3	-	-	1	1	5	1	-	-	5	5	9	26
Black, female	88	1	-	-	-	-	1	-	-	-	-	2	14	16
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)														
Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)	828	38	9	8	3	1	59	10	14	22	18	26	35	41
All races, male	447	16	7	3	1	-	27	4	7	12	12	13	22	23
All races, female	381	22	2	5	2	1	32	6	7	10	6	13	13	18
White, male	350	10	2	3	-	-	15	2	2	8	11	9	14	16
White, female	301	11	-	3	2	-	16	5	5	5	5	9	10	15
Black, male	91	4	5	-	1	-	10	2	5	4	1	4	8	6
Black, female	75	10	2	2	-	-	14	1	2	5	1	3	3	3

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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)	12,185	19	2	2	1	2	26	7	9	11	26	54	100	121
All races, male	5,300	15	1	1	1	2	20	3	6	9	14	31	64	88
All races, female	6,885	4	1	1	-	-	6	4	3	2	12	23	36	33
White, male	4,833	14	1	1	1	2	19	2	3	7	13	23	44	68
White, female	6,373	2	1	1	-	-	4	4	2	-	9	13	27	23
Black, male	402	-	-	-	-	-	-	1	3	1	1	8	20	19
Black, female	458	1	-	-	-	-	1	-	1	2	3	9	8	7
Mitral valve disorders (424.0)	1,848	2	1	1	-	-	4	2	1	2	4	15	13	17
All races, male	664	2	1	-	-	-	3	-	-	1	1	7	6	10
All races, female	1,184	-	-	1	-	-	1	2	1	1	3	8	7	7
White, male	604	2	1	-	-	-	3	-	-	1	1	4	4	9
White, female	1,084	-	-	1	-	-	1	2	1	-	3	6	6	6
Black, male	49	-	-	-	-	-	-	-	-	-	-	3	2	-
Black, female	93	-	-	-	-	-	-	-	-	1	-	2	1	1
Aortic valve disorders (424.1)	7,677	13	-	-	1	-	14	3	4	6	11	18	49	58
All races, male	3,577	10	-	-	1	-	11	2	3	6	8	13	36	44
All races, female	4,100	3	-	-	-	-	3	1	1	-	3	5	13	14
White, male	3,299	10	-	-	1	-	11	1	1	4	8	11	27	39
White, female	3,840	2	-	-	-	-	2	1	-	-	3	3	11	11
Black, male	236	-	-	-	-	-	-	1	2	1	-	2	9	5
Black, female	232	-	-	-	-	-	-	-	1	-	-	1	2	2
All other diseases of endocardium (424.2-424.9)	2,660	4	1	1	-	2	8	2	4	3	11	21	38	46
All races, male	1,059	3	-	1	-	2	6	1	3	2	5	11	22	34
All races, female	1,601	1	1	-	-	-	2	1	1	1	6	10	16	12
White, male	930	2	-	1	-	2	5	1	2	2	4	8	13	20
White, female	1,449	-	1	-	-	-	1	1	1	-	3	4	10	6
Black, male	117	-	-	-	-	-	-	1	1	-	1	3	9	14
Black, female	133	1	-	-	-	-	1	-	-	1	3	6	5	4
Heart failure (428)	38,817	43	12	6	-	2	63	2	6	13	17	25	40	75
All races, male	15,556	22	5	3	-	1	31	1	2	9	8	13	26	48
All races, female	23,261	21	7	3	-	1	32	1	4	4	9	12	14	27
White, male	13,678	18	2	3	-	-	23	1	1	6	8	8	15	30
White, female	20,730	9	5	2	-	-	16	1	3	4	7	5	7	15
Black, male	1,711	4	3	-	-	1	8	-	1	3	-	5	11	18
Black, female	2,371	12	2	1	-	1	16	-	1	-	2	7	7	12
Myocarditis, unspecified and myocardial degeneration (429.0-429.1)	1,352	27	12	8	2	-	49	8	13	15	16	36	47	64
All races, male	674	11	7	6	1	-	25	5	4	7	10	20	30	31
All races, female	678	16	5	2	1	-	24	3	9	8	6	16	17	33
White, male	545	7	4	5	1	-	17	-	4	6	6	13	19	24
White, female	546	8	1	1	1	-	11	1	2	6	3	10	15	25
Black, male	117	3	3	1	-	-	7	4	-	1	4	5	9	6
Black, female	122	8	4	1	-	-	13	1	5	2	3	6	2	6
All other and ill-defined forms of heart disease (425-427, 429.2-429.9)	140,308	435	86	45	25	19	610	75	98	201	306	486	814	1,237
All races, male	70,979	244	45	27	13	14	343	44	50	141	226	334	574	921
All races, female	69,329	191	41	18	12	5	267	31	48	60	80	152	240	316
White, male	58,329	173	25	17	8	9	232	33	39	101	147	233	368	602
White, female	58,539	133	26	10	9	4	182	21	27	39	48	85	150	189
Black, male	11,604	61	19	8	4	4	96	10	8	37	74	94	199	305
Black, female	10,126	51	12	6	3	1	73	8	18	18	32	59	88	122
Cerebrovascular diseases (430-438)	145,551	127	20	5	9	6	167	32	51	66	166	310	603	948
All races, male	57,321	71	10	2	4	3	90	15	33	32	83	159	299	531
All races, female	88,230	56	10	3	5	3	77	17	18	34	83	151	304	417
White, male	48,563	45	5	2	4	1	57	11	26	23	61	116	201	313
White, female	76,953	39	5	3	5	2	54	13	12	21	55	95	185	258
Black, male	7,739	24	2	-	-	2	28	4	6	8	20	38	89	204
Black, female	10,240	14	4	-	-	1	19	3	6	12	24	53	114	143
Subarachnoid hemorrhage (430)	6,809	10	2	1	2	-	15	3	15	19	74	148	292	378
All races, male	2,348	8	-	-	-	-	8	2	7	7	33	69	129	166
All races, female	4,461	2	2	1	2	-	7	1	8	12	41	79	163	212
White, male	1,967	7	-	-	-	-	7	2	7	6	27	53	105	119
White, female	3,583	1	1	1	2	-	5	1	5	7	27	49	102	146
Black, male	320	1	-	-	-	-	1	-	1	6	14	20	44	44
Black, female	736	1	-	-	-	-	1	-	3	5	13	27	58	58
Intracerebral and other intracranial hemorrhage (431-432)	20,679	50	6	1	3	2	62	17	20	33	60	109	211	369
All races, male	9,471	28	4	-	3	-	35	9	14	19	32	63	122	239
All races, female	11,208	22	2	1	-	2	27	8	6	14	28	46	89	130
White, male	7,485	17	3	-	3	-	23	6	9	13	19	44	67	124
White, female	9,333	11	1	1	-	1	14	5	4	8	19	27	55	70
Black, male	1,712	9	1	-	-	-	10	3	4	5	11	18	50	107
Black, female	1,612	8	1	-	-	1	10	2	2	5	7	19	34	57
Occlusion and stenosis of precerebral arteries (433)	1,243	-	-	-	-	-	-	1	1	-	1	3	5	6
All races, male	658	-	-	-	-	-	-	-	1	-	1	1	2	4
All races, female	585	-	-	-	-	-	-	1	-	-	-	2	3	2
White, male	606	-	-	-	-	-	-	-	1	-	1	1	2	3
White, female	524	-	-	-	-	-	-	1	-	-	-	2	2	1
Black, male	45	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	55	-	-	-	-	-	-	-	-	-	-	-	1	1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0, 434.9)	19,799	16	4	-	1	3	24	4	6	6	14	13	25	51
All races, male	7,656	9	3	-	-	2	14	1	4	1	8	6	13	35
All races, female	12,143	7	1	-	1	1	10	3	2	5	6	7	12	16
White, male	6,673	5	1	-	-	1	7	1	3	-	6	6	9	24
White, female	10,822	7	-	-	1	1	9	3	1	4	5	6	8	10
Black, male	882	4	1	-	-	-	6	6	1	1	2	-	4	11
Black, female	1,227	-	1	-	-	-	1	-	1	1	1	1	4	5

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	681	-	1	-	-	1	2	-	-	1	-	1	-	2
All races, male	257	-	1	-	-	1	2	-	-	-	-	-	-	1
All races, female	424	-	-	-	-	-	-	-	-	1	-	1	-	1
White, male	221	-	-	-	-	-	-	-	-	-	-	-	-	1
White, female	394	-	-	-	-	-	-	-	-	1	-	1	-	1
Black, male	29	-	-	-	-	1	1	-	-	-	-	-	-	-
Black, female	28	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute but ill-defined cerebrovascular disease (436)	80,012	7	1	-	-	-	8	2	5	2	11	21	49	96
All races, male	30,764	3	1	-	-	-	4	1	4	1	6	12	26	67
All races, female	49,248	4	-	-	-	-	4	1	1	1	5	9	23	29
White, male	26,295	1	1	-	-	-	2	1	4	1	5	9	14	31
White, female	43,209	4	-	-	-	-	4	1	1	-	3	5	9	15
Black, male	4,017	2	-	-	-	-	2	1	-	-	1	2	12	33
Black, female	5,608	-	-	-	-	-	-	-	-	1	2	4	13	11
Other and late effects of cerebrovascular diseases (435,437-438)	16,328	44	6	3	3	-	56	5	4	5	6	15	21	46
All races, male	6,167	23	1	2	1	-	27	2	3	4	3	8	7	19
All races, female	10,161	21	5	1	2	-	29	3	1	1	3	7	14	27
White, male	5,316	15	-	2	1	-	18	2	2	3	3	3	4	11
White, female	9,088	16	3	1	2	-	22	2	1	1	1	5	9	15
Black, male	734	8	-	-	-	-	8	-	1	1	-	4	3	8
Black, female	974	5	2	-	-	-	7	1	-	-	1	2	4	11
Diseases of arteries, arterioles, and capillaries (440-448)	43,654	18	5	1	1	1	26	5	8	22	40	79	120	201
All races, male	21,701	11	3	1	1	1	17	2	3	12	24	39	81	131
All races, female	21,953	7	2	-	-	-	9	3	5	10	16	40	39	70
White, male	19,931	10	1	1	1	1	14	1	3	9	21	36	69	101
White, female	19,848	5	1	-	-	-	6	2	4	6	9	26	23	40
Black, male	1,556	1	1	-	-	-	2	1	-	3	3	3	9	27
Black, female	1,938	2	1	-	-	-	3	1	1	4	6	12	16	29
Atherosclerosis (440)	19,357	1	1	-	-	-	2	1	-	1	1	1	4	13
All races, male	7,254	-	1	-	-	-	1	1	-	1	1	1	3	11
All races, female	12,103	1	-	-	-	-	1	-	-	1	-	-	1	2
White, male	6,652	-	-	-	-	-	-	-	-	-	1	1	3	10
White, female	11,139	1	-	-	-	-	1	-	-	1	-	-	1	2
Black, male	547	-	-	-	-	-	-	1	-	-	-	-	-	1
Black, female	889	-	-	-	-	-	-	-	-	-	-	-	-	-
Aortic aneurysm (441)	16,229	2	-	-	-	-	2	2	2	10	18	31	56	98
All races, male	10,708	1	-	-	-	-	1	1	2	8	14	22	51	75
All races, female	5,521	1	-	-	-	-	1	1	-	2	4	9	5	23
White, male	9,998	1	-	-	-	-	1	1	2	7	11	20	45	60
White, female	4,961	1	-	-	-	-	1	1	-	1	3	7	3	14
Black, male	592	-	-	-	-	-	-	-	-	1	3	2	5	13
Black, female	493	-	-	-	-	-	-	-	-	1	1	2	2	9
All other diseases of arteries, arterioles, and capillaries (442-448)	8,068	15	4	1	1	1	22	2	6	11	21	47	60	90
All races, male	3,739	10	2	1	1	1	15	-	1	4	9	16	27	45
All races, female	4,329	5	2	-	-	-	7	2	5	7	12	31	33	45
White, male	3,281	9	1	1	1	1	13	-	1	2	9	15	21	31
White, female	3,748	3	1	-	-	-	4	1	4	4	6	19	19	24
Black, male	417	1	1	-	-	-	2	-	-	2	-	1	4	13
Black, female	556	2	1	-	-	-	3	1	1	3	5	10	14	20
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	4,319	42	7	-	1	1	51	2	5	10	20	24	60	86
All races, male	2,062	30	5	-	-	1	36	1	1	2	7	12	35	54
All races, female	2,257	12	2	-	1	-	15	1	4	8	13	12	25	32
White, male	1,693	21	5	-	-	-	26	-	-	2	5	9	25	42
White, female	1,881	7	2	-	1	-	10	1	3	6	7	7	14	18
Black, male	339	8	-	-	-	1	9	-	1	-	2	3	10	12
Black, female	356	5	-	-	-	-	5	-	1	1	6	5	10	13
Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)	1,907	6	2	-	1	-	9	-	3	5	15	18	39	43
All races, male	848	5	1	-	-	-	6	-	-	1	6	9	22	22
All races, female	1,059	1	1	-	1	-	3	-	3	4	9	9	17	21
White, male	699	2	1	-	-	-	3	-	-	1	4	6	16	18
White, female	890	1	1	-	1	-	3	-	3	3	5	5	12	11
Black, male	144	3	-	-	-	-	3	-	-	2	3	3	6	4
Black, female	162	-	-	-	-	-	-	-	-	1	4	4	5	10
Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)	2,412	36	5	-	-	1	42	2	2	5	5	6	21	43
All races, male	1,214	25	4	-	-	1	30	1	1	1	1	3	13	32
All races, female	1,198	11	1	-	-	-	12	1	1	4	4	3	8	11
White, male	994	19	4	-	-	-	23	-	-	1	1	3	9	24
White, female	991	6	1	-	-	-	7	1	-	3	2	2	2	7
Black, male	195	5	-	-	-	1	6	-	1	-	-	-	4	8
Black, female	194	5	-	-	-	-	5	-	1	-	2	1	5	3
VIII. Diseases of the respiratory system (460-519)	187,008	1,157	226	93	69	48	1,593	167	177	275	376	620	999	1,222
All races, male	97,837	708	116	58	34	26	942	98	104	152	204	340	576	762
All races, female	89,171	449	110	35	35	22	651	69	73	123	172	280	423	460
White, male	86,912	446	68	40	18	20	592	67	74	112	126	218	368	433
White, female	81,421	267	67	18	23	16	391	52	48	85	117	185	237	282
Black, male	9,502	229	41	16	14	4	304	27	27	37	71	116	203	306
Black, female	6,884	161	38	14	11	6	230	13	24	36	53	90	175	169
Diseases of the upper respiratory tract (460-465,470-478)	614	43	12	10	6	3	74	14	8	9	10	17	14	18
All races, male	314	31	9	8	4	2	54	10	4	7	4	12	8	13
All races, female	300	12	3	2	2	1	20	4	4	2	6	5	6	5
White, male	252	23	5	5	2	1	36	7	3	5	3	8	8	7
White, female	249	9	2	1	1	-	13	2	2	2	5	5	3	5
Black, male	51	6	3	2	2	1	14	3	1	2	1	4	-	6
Black, female	45	3	1	1	1	1	7	2	2	-	1	-	1	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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 †	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)	276	34	11	5	4	2	56	8	6	4	2	9	5	5
All races, male	140	25	8	5	3	1	42	5	2	1	7	3	5	5
All races, female	136	9	3	-	1	1	14	3	4	2	1	2	2	-
White, male	116	21	5	3	1	-	30	5	2	2	1	5	3	4
White, female	115	8	2	-	1	-	11	2	2	2	1	2	1	-
Black, male	19	3	2	1	2	1	9	-	-	-	-	2	-	1
Black, female	19	1	1	-	-	1	3	1	2	-	-	-	1	-
Other diseases of upper respiratory tract (470-478)	338	9	1	5	2	1	18	6	2	5	8	8	9	13
All races, male	174	6	1	3	1	1	12	5	2	5	3	5	5	8
All races, female	164	3	-	2	1	-	6	1	-	5	3	3	4	5
White, male	136	2	-	2	1	1	6	2	1	3	2	3	5	3
White, female	134	1	-	1	-	-	2	-	-	4	3	2	5	5
Black, male	32	3	1	1	-	-	5	3	1	2	1	2	-	5
Black, female	26	2	-	1	1	-	4	1	-	-	1	-	-	-
Other diseases of the respiratory system (466,480-519)	186,394	1,114	214	83	63	45	1,519	153	169	266	366	603	985	1,204
All races, male	97,523	677	107	50	30	24	888	88	100	145	200	328	588	749
All races, female	88,871	437	107	33	33	21	631	65	69	121	166	275	417	455
White, male	86,660	423	63	35	16	19	556	60	71	107	123	210	360	426
White, female	81,172	258	65	17	22	16	378	50	46	83	112	180	234	277
Black, male	9,451	223	38	14	12	3	290	24	26	38	70	112	203	300
Black, female	6,839	158	37	13	10	5	223	11	22	36	52	90	174	169
Acute bronchitis and bronchiolitis (466)	633	73	13	2	3	3	94	2	2	1	2	4	6	6
All races, male	288	48	5	2	1	2	58	1	1	1	2	3	3	2
All races, female	345	25	8	-	2	1	36	1	1	-	1	1	3	4
White, male	241	24	5	-	-	2	31	1	1	1	1	2	2	2
White, female	303	13	3	-	2	1	19	-	1	-	-	1	2	2
Black, male	39	19	-	2	1	-	22	-	-	-	1	1	1	-
Black, female	40	11	5	-	-	-	16	1	-	-	-	-	1	1
Pneumonia (480-486)	74,957	624	116	42	35	27	844	56	52	99	156	317	549	654
All races, male	35,151	377	57	27	19	14	494	31	26	53	87	183	336	433
All races, female	39,806	247	59	15	16	13	350	25	26	46	69	134	213	221
White, male	30,379	241	30	19	10	10	310	25	19	40	54	119	206	233
White, female	35,965	145	33	7	10	11	206	20	19	29	46	82	108	125
Black, male	4,141	120	22	7	8	2	159	5	7	12	31	63	128	180
Black, female	3,380	88	22	5	6	2	123	4	7	16	21	49	102	92
Viral pneumonia (480)	690	124	16	4	5	-	149	2	3	5	14	11	15	10
All races, male	291	76	9	2	2	-	89	2	2	1	2	3	4	5
All races, female	399	48	7	2	3	-	60	-	1	4	12	8	11	5
White, male	242	55	6	2	1	-	64	2	1	-	1	3	2	2
White, female	356	35	5	2	2	-	44	-	-	4	10	7	7	4
Black, male	32	14	1	-	-	-	15	-	1	1	1	-	2	3
Black, female	35	11	2	-	1	-	14	-	1	-	1	-	4	1
Pneumococcal and other bacterial pneumonia (481-482)	6,074	58	12	8	3	2	83	5	7	10	11	58	97	144
All races, male	3,179	36	5	5	2	1	49	3	4	6	6	32	52	87
All races, female	2,895	22	7	3	1	1	34	2	3	4	5	26	45	57
White, male	2,577	23	3	1	-	-	27	1	1	3	3	16	38	43
White, female	2,506	13	6	2	2	-	21	1	2	3	3	20	25	32
Black, male	529	10	2	3	2	1	18	2	3	3	2	16	14	41
Black, female	356	9	1	1	1	1	13	1	1	1	2	6	19	24
Bronchopneumonia, organism unspecified (485)	6,902	188	33	9	10	10	250	10	10	12	25	65	98	96
All races, male	3,312	115	6	8	6	6	156	4	2	6	14	35	56	64
All races, female	3,590	73	12	3	2	4	94	6	8	6	11	30	42	32
White, male	2,780	62	8	4	4	4	82	4	2	3	7	21	29	37
White, female	3,216	40	6	-	-	3	49	6	6	2	4	18	18	14
Black, male	471	51	12	2	4	-	69	-	-	3	7	13	26	25
Black, female	336	29	5	1	2	1	38	-	2	3	7	12	23	17
Pneumonia due to other and unspecified organism (483,486)	61,291	254	55	21	17	15	362	39	32	72	106	183	339	404
All races, male	28,369	150	22	14	7	7	200	22	18	40	65	113	224	277
All races, female	32,922	104	33	7	10	8	162	17	14	32	41	70	115	127
White, male	24,780	101	13	12	5	6	137	18	15	34	43	79	137	151
White, female	29,887	57	16	3	8	8	92	13	11	20	29	37	58	75
Black, male	3,109	45	7	2	2	1	57	3	3	5	21	34	86	121
Black, female	2,653	39	14	3	2	-	58	3	3	12	11	31	56	50
Influenza (487)	1,593	12	6	1	1	-	20	7	7	5	11	7	8	17
All races, male	550	6	2	-	-	-	8	4	3	3	4	3	1	7
All races, female	1,043	6	4	1	1	-	12	3	4	2	7	4	7	10
White, male	513	5	1	-	-	-	6	3	3	3	4	2	1	7
White, female	996	5	4	1	1	-	11	3	3	2	7	4	5	8
Black, male	27	1	-	-	-	-	2	1	-	-	-	-	-	-
Black, female	37	1	-	-	-	-	1	-	1	-	-	-	2	1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	84,344	48	24	13	10	8	103	43	70	86	90	127	191	243
All races, male	48,178	35	12	6	5	5	63	27	43	49	47	67	102	128
All races, female	36,166	13	12	7	5	3	40	16	27	37	43	60	89	115
White, male	44,046	25	6	6	2	4	43	11	27	31	24	32	61	76
White, female	33,835	8	8	3	5	2	26	10	14	28	29	36	58	70
Black, male	3,593	9	6	-	2	1	18	14	14	17	21	32	39	47
Black, female	2,078	3	4	4	-	1	12	4	13	8	14	22	29	42
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	24,095	43	23	13	9	8	96	41	65	78	82	119	161	184
All races, male	13,098	31	11	6	5	5	58	25	40	44	45	62	85	91
All races, female	10,997	12	12	7	4	3	38	16	25	34	37	57	76	93
White, male	11,840	24	6	6	2	4	42	10	26	27	22	31	51	52
White, female	10,033	8	8	3	4	2	25	10	12	26	26	35	48	58
Black, male	1,094	7	5	-	2	1	15	13	12	16	21	29	32	36
Black, female	862	2	4	4	-	1	11	4	13	7	11	20	26	33

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	5	5	9	10	8	13	15	21	28	30	21	13	3	-
All races, male	4	4	3	5	6	7	9	8	10	12	3	1	1	-
All races, female	1	1	6	5	2	6	6	13	18	18	18	12	2	-
White, male	4	4	2	3	5	7	7	6	10	11	3	1	1	-
White, female	-	-	4	3	2	5	4	12	17	16	18	11	2	-
Black, male	-	-	-	1	1	-	2	2	-	1	-	-	-	-
Black, female	1	1	2	1	-	1	2	1	-	2	-	1	-	-
Other diseases of upper respiratory tract (470-478)	9	8	6	20	17	15	37	43	39	43	27	3	2	-
All races, male	7	6	4	12	8	10	24	18	18	15	7	-	-	-
All races, female	2	2	2	8	9	5	13	25	21	28	20	3	2	-
White, male	7	3	3	11	5	8	21	17	17	12	7	-	-	-
White, female	2	2	1	5	8	2	10	21	17	27	19	2	2	-
Black, male	-	2	1	-	2	2	2	1	-	3	-	-	-	-
Black, female	-	-	-	3	1	2	3	4	4	1	1	1	-	-
Other diseases of the respiratory system (466,480-519)	1,463	1,885	3,002	5,950	11,018	17,988	25,133	31,272	31,533	26,273	17,107	6,970	1,509	26
All races, male	892	1,078	1,694	3,472	6,454	10,778	14,830	17,926	16,568	11,893	6,315	2,153	387	17
All races, female	571	807	1,308	2,478	4,564	7,210	10,303	13,346	14,965	14,380	10,792	4,817	1,122	9
White, male	547	745	1,261	2,857	5,576	9,482	13,354	16,332	15,337	10,969	5,923	1,992	338	14
White, female	372	610	1,043	2,088	4,023	6,521	9,499	12,360	13,994	13,532	10,207	4,536	1,022	5
Black, male	324	305	397	566	785	1,162	1,293	1,347	1,019	726	296	131	37	3
Black, female	190	187	239	348	479	616	719	884	838	722	501	247	88	4
Acute bronchitis and bronchiolitis (466)	1	9	11	15	20	46	54	75	100	67	70	35	11	2
All races, male	-	6	4	7	15	23	25	41	41	26	20	7	1	1
All races, female	1	3	7	8	5	23	29	34	59	41	50	28	10	1
White, male	-	3	4	6	12	20	24	38	39	25	20	7	1	1
White, female	1	3	4	8	5	22	26	32	56	37	48	26	10	-
Black, male	-	3	-	-	3	3	1	2	1	1	-	-	-	-
Black, female	-	-	3	-	-	1	3	2	3	4	2	2	-	1
Pneumonia (480-486)	730	769	907	1,403	2,405	4,032	6,214	10,006	13,585	14,568	11,384	5,055	1,157	15
All races, male	484	495	577	912	1,513	2,474	3,797	5,426	6,486	5,822	3,798	1,428	285	11
All races, female	246	274	330	491	892	1,558	2,417	4,580	7,099	8,746	7,586	3,627	872	4
White, male	292	310	381	674	1,201	2,049	3,253	4,808	5,918	5,351	3,557	1,326	244	9
White, female	153	196	245	369	729	1,324	2,112	4,071	6,551	8,178	7,181	3,423	795	3
Black, male	182	169	181	221	287	390	480	511	464	365	181	80	33	2
Black, female	89	73	74	106	138	205	274	458	472	478	351	179	68	1
Viral pneumonia (480)	15	20	8	12	20	44	43	64	88	69	67	25	6	-
All races, male	8	11	3	4	7	21	25	31	37	18	14	3	1	-
All races, female	7	9	5	8	13	23	18	33	51	51	53	22	5	-
White, male	7	11	1	3	6	20	24	28	34	16	13	3	1	-
White, female	6	7	5	6	9	23	14	32	49	50	52	22	5	-
Black, male	-	-	1	1	1	-	-	-	3	1	1	-	-	-
Black, female	1	2	-	1	2	-	4	1	1	1	1	-	-	-
Pneumococcal and other bacterial pneumonia (481-482)	148	138	153	184	303	469	548	802	983	963	658	255	53	2
All races, male	100	91	100	112	192	283	306	438	506	447	258	93	13	1
All races, female	48	47	53	72	111	186	242	364	477	516	400	162	40	1
White, male	53	57	59	78	148	224	257	383	444	407	244	80	10	1
White, female	28	37	41	58	86	156	216	320	431	470	370	149	37	-
Black, male	43	30	40	33	38	53	43	50	47	27	12	12	2	-
Black, female	18	10	11	11	22	29	25	38	40	44	28	10	2	1
Bronchopneumonia, organism unspecified (485)	107	123	136	192	263	364	556	809	1,076	1,129	986	476	114	5
All races, male	76	72	85	129	171	267	361	437	475	420	317	173	27	5
All races, female	31	51	51	63	92	97	195	372	601	709	669	343	87	-
White, male	54	45	55	95	133	214	304	387	450	400	300	128	27	3
White, female	17	35	35	52	78	85	169	341	564	666	646	328	83	-
Black, male	21	24	28	32	36	51	53	38	19	13	10	1	-	2
Black, female	14	15	12	11	12	9	24	28	34	39	20	13	3	-
Pneumonia due to other and unspecified organism (483,486)	460	488	610	1,015	1,819	3,155	5,067	8,331	11,438	12,407	9,673	4,299	984	8
All races, male	300	321	389	667	1,143	1,903	3,105	4,520	5,468	4,937	3,209	1,199	244	5
All races, female	160	167	221	348	676	1,252	1,962	3,811	5,970	7,470	6,464	3,100	740	3
White, male	178	197	266	498	914	1,591	2,668	4,010	4,990	4,528	3,000	1,115	206	5
White, female	102	117	164	253	556	1,080	1,713	3,378	5,507	6,992	6,113	2,924	670	3
Black, male	118	115	112	155	212	286	383	423	395	324	158	67	31	-
Black, female	56	46	51	83	102	167	221	391	397	394	302	156	63	-
Influenza (487)	14	13	18	19	53	70	102	169	262	307	306	134	44	-
All races, male	7	8	11	8	27	40	48	73	95	90	74	30	6	-
All races, female	7	5	7	11	26	30	54	96	167	217	232	104	38	-
White, male	6	7	9	6	26	35	43	68	94	85	71	28	6	-
White, female	6	3	7	10	26	27	51	91	162	207	224	103	36	-
Black, male	1	1	2	1	4	5	3	-	2	3	1	-	-	-
Black, female	1	2	-	1	-	1	4	5	8	7	1	1	1	-
Chronic obstructive pulmonary diseases and allied conditions (480-496)	389	713	1,570	3,643	7,105	11,548	15,517	17,167	13,460	7,931	3,273	939	130	6
All races, male	206	340	801	1,999	3,998	6,797	8,965	10,137	7,821	4,472	1,651	407	54	4
All races, female	183	373	769	1,644	3,107	4,751	6,552	7,030	5,639	3,459	1,622	532	76	2
White, male	122	268	639	1,748	3,594	6,160	8,271	9,396	7,353	4,205	1,560	375	47	3
White, female	129	303	647	1,451	2,829	4,419	6,214	6,728	5,389	3,324	1,553	506	70	2
Black, male	75	62	147	230	357	565	609	630	397	218	69	27	4	1
Black, female	50	67	112	172	251	298	302	269	213	117	55	23	5	-
Bronchitis, chronic and unspecified, emphysema and asthma (490-493)	255	341	630	1,253	2,206	3,522	4,260	4,561	3,295	1,893	774	238	39	2
All races, male	119	155	311	640	1,144	2,008	2,377	2,557	1,879	1,031	344	70	12	1
All races, female	136	186	319	613	1,062	1,514	1,883	2,004	1,416	862	430	168	27	1
White, male	70	116	240	563	1,036	1,825	2,196	2,388	1,781	961	326	65	12	1
White, female	89	136	255	519	952	1,389	1,773	1,910	1,346	825	412	162	24	1
Black, male	42	33	66	69	93	166	152	143	79	57	14	5	-	1
Black, female	45	48	58	83	96	113	94	88	60	32	13	5	2	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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 :	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)	6	10	4	19	24	34	59	85	103	126	113	49	13	-
All races, male	4	4	2	8	12	20	34	43	45	43	25	8	1	-
All races, female	2	6	2	11	12	14	25	42	58	83	88	41	12	-
White, male	3	3	1	7	10	19	29	37	44	40	24	8	1	-
White, female	2	5	1	9	10	12	22	38	56	79	82	40	11	-
Black, male	1	-	1	1	2	1	5	3	1	3	1	-	-	-
Black, female	-	1	1	2	1	2	3	4	2	4	4	1	1	-
Chronic bronchitis (491)	7	18	66	135	220	392	494	590	499	340	166	70	8	-
All races, male	5	6	31	71	120	234	265	337	288	173	76	24	4	-
All races, female	2	12	35	64	100	158	229	253	211	167	90	46	4	-
White, male	3	6	27	65	114	216	250	316	279	163	75	23	4	-
White, female	2	9	31	61	88	150	220	247	201	161	89	44	4	-
Black, male	1	-	3	5	6	17	15	17	7	6	1	1	-	-
Black, female	-	3	4	2	12	7	8	6	10	4	1	2	-	-
Emphysema (492)	49	105	296	770	1,548	2,511	3,084	3,240	2,245	1,131	365	78	12	-
All races, male	33	62	170	438	874	1,529	1,840	1,954	1,406	720	208	33	7	-
All races, female	16	43	126	332	674	982	1,244	1,286	839	411	157	45	5	-
White, male	22	53	147	404	804	1,414	1,724	1,845	1,335	672	196	29	7	-
White, female	12	40	116	312	634	937	1,201	1,250	813	389	150	44	5	-
Black, male	10	9	23	31	58	103	99	96	59	39	9	4	-	-
Black, female	4	2	9	18	37	42	34	33	20	11	6	1	-	-
Asthma (493)	193	208	264	329	414	585	623	646	448	296	130	41	6	2
All races, male	77	83	108	123	138	225	238	223	140	95	35	5	-	1
All races, female	116	125	156	206	276	360	385	423	308	201	95	36	6	1
White, male	42	54	65	87	108	176	193	190	123	86	31	5	-	-
White, female	73	82	107	137	220	290	330	375	276	186	91	34	4	1
Black, male	30	24	39	32	27	45	33	27	12	9	3	-	-	1
Black, female	41	42	44	61	46	62	49	45	28	13	2	1	1	-
Bronchiectasis and extrinsic allergic alveolitis (494-495)	11	13	17	33	67	110	139	180	163	107	46	11	1	-
All races, male	9	5	8	14	27	42	61	71	56	31	19	4	1	-
All races, female	2	8	9	19	40	68	78	109	107	76	27	7	-	-
White, male	6	5	7	10	25	35	56	69	50	29	19	3	-	-
White, female	1	8	8	19	37	65	77	106	103	74	26	7	-	-
Black, male	2	-	1	3	2	5	4	2	4	1	-	-	-	-
Black, female	1	-	-	-	2	2	1	-	1	1	1	-	-	-
Chronic airways obstruction, not elsewhere classified (496)	123	359	923	2,357	4,832	7,916	11,118	12,426	10,002	5,931	2,453	690	90	4
All races, male	78	180	482	1,345	2,827	4,747	6,527	7,509	5,886	3,410	1,288	333	41	3
All races, female	45	179	441	1,012	2,005	3,169	4,591	4,917	4,116	2,521	1,165	357	49	1
White, male	46	147	392	1,175	2,533	4,300	6,019	6,939	5,522	3,215	1,215	307	35	3
White, female	39	159	384	913	1,840	2,965	4,364	4,712	3,940	2,425	1,115	337	46	1
Black, male	31	29	80	158	262	394	453	485	314	160	55	22	4	-
Black, female	4	19	54	89	153	183	207	181	152	84	41	18	3	-
Pneumoconioses and other lung diseases due to external agents (500-508)	51	65	74	176	293	591	959	1,392	1,784	1,697	1,154	517	103	1
All races, male	38	47	52	116	224	446	695	917	1,042	792	466	178	26	1
All races, female	13	18	22	60	69	145	264	475	742	905	688	339	77	-
White, male	22	31	36	86	177	361	612	806	938	699	434	160	26	1
White, female	10	15	17	44	54	108	230	408	672	825	627	302	68	-
Black, male	15	15	15	28	43	80	72	98	90	82	23	18	-	-
Black, female	3	3	5	15	15	36	32	61	65	76	55	33	9	-
Empyema and abscess of lung and mediastinum (510,513)	29	42	41	73	99	93	115	106	117	86	33	4	-	-
All races, male	21	29	33	50	72	65	78	77	61	41	13	3	-	-
All races, female	8	13	8	23	27	28	37	29	56	45	20	1	-	-
White, male	12	15	22	36	55	49	62	70	52	34	10	3	-	-
White, female	7	6	7	18	20	25	29	27	45	39	16	1	-	-
Black, male	9	13	11	14	13	15	15	6	8	7	3	-	-	-
Black, female	1	7	1	4	7	3	7	2	10	6	4	-	-	-
Pleurisy (511)	6	11	19	29	44	61	83	117	143	164	85	24	9	1
All races, male	3	6	10	15	17	30	40	52	55	67	34	13	2	-
All races, female	3	5	9	14	27	31	43	65	88	97	51	11	7	1
White, male	1	4	7	10	12	26	34	42	47	63	33	13	2	-
White, female	2	3	6	8	21	25	35	59	78	90	47	10	7	-
Black, male	2	2	3	5	5	4	6	9	7	4	1	-	-	-
Black, female	1	2	3	6	5	6	6	5	10	6	4	-	-	1
All other diseases of respiratory system (512,514-519)	243	263	362	592	999	1,547	2,089	2,240	2,082	1,453	802	262	55	1
All races, male	133	147	206	365	588	903	1,182	1,203	967	583	259	87	13	-
All races, female	110	116	156	227	411	644	907	1,037	1,115	870	543	175	42	1
White, male	92	107	163	291	499	782	1,055	1,104	896	527	238	80	12	-
White, female	64	81	110	180	339	571	802	944	1,041	832	511	165	36	-
Black, male	40	40	38	67	76	101	105	88	52	47	16	5	-	-
Black, female	45	33	41	44	63	66	94	83	60	27	23	9	5	1
IX. Diseases of the digestive system (520-579)	2,936	3,242	3,864	5,063	6,826	8,021	8,691	9,363	9,243	7,484	4,545	1,665	314	14
All races, male	2,122	2,242	2,601	3,257	4,236	4,646	4,643	4,505	3,673	2,447	1,166	381	72	11
All races, female	814	1,000	1,263	1,806	2,590	3,375	4,048	4,858	5,570	5,037	3,379	1,284	242	3
White, male	1,538	1,679	2,048	2,643	3,622	4,043	4,142	4,099	3,364	2,250	1,095	354	58	5
White, female	537	727	954	1,440	2,135	2,909	3,578	4,382	5,119	4,678	3,186	1,197	201	-
Black, male	525	507	491	540	554	527	433	350	252	148	56	23	9	5
Black, female	245	233	263	316	405	411	437	434	409	316	165	75	40	3
Diseases of oral cavity, salivary glands, and jaws (520-529)	5	4	5	7	3	9	7	7	11	13	13	3	-	-
All races, male	5	3	4	2	1	6	4	3	7	4	3	-	-	-
All races, female	-	1	1	5	2	3	3	4	4	9	10	3	-	-
White, male	2	3	2	1	-	5	3	3	6	4	3	-	-	-
White, female	-	1	-	3	2	-	2	4	4	7	10	3	-	-
Black, male	2	-	2	1	1	1	1	-	1	-	-	-	-	-
Black, female	-	-	1	1	-	3	1	-	-	2	-	-	-	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	76,029	359	61	37	26	19	502	60	62	93	182	476	1,201	2,269
All races, male	39,220	220	29	28	15	9	301	25	36	49	108	289	814	1,638
All races, female	36,809	139	32	9	11	10	201	35	26	44	74	187	387	631
White, male	33,153	127	22	22	10	7	188	15	28	32	73	200	588	1,141
White, female	31,950	74	20	6	8	8	116	20	16	27	46	108	219	391
Black, male	5,322	87	5	6	4	2	104	9	7	12	31	81	217	450
Black, female	4,306	60	10	2	2	2	76	11	10	14	27	70	143	211
Ulcer of stomach and duodenum (531-533)	6,455	12	1	1	-	1	15	3	1	5	6	19	21	59
All races, male	3,145	7	-	1	-	1	9	1	1	4	4	13	16	42
All races, female	3,310	5	1	-	-	-	6	2	-	1	2	6	5	17
White, male	2,701	4	-	1	-	-	5	1	1	3	1	8	8	28
White, female	2,963	2	-	-	-	-	2	1	-	1	1	3	3	14
Black, male	362	3	-	-	-	1	4	-	-	1	3	5	8	13
Black, female	303	3	-	-	-	-	3	1	-	-	1	3	2	2
Gastric ulcer (531)	1,980	5	1	1	-	1	8	1	1	2	3	8	5	20
All races, male	889	1	-	1	-	1	3	-	1	1	2	4	5	14
All races, female	1,091	4	1	-	-	-	5	1	-	1	1	4	-	6
White, male	725	-	-	1	-	-	1	-	1	1	1	3	4	11
White, female	962	1	-	-	-	-	1	-	-	1	-	3	-	5
Black, male	136	1	-	-	-	1	2	-	-	1	1	1	1	3
Black, female	110	3	-	-	-	-	3	1	-	-	1	1	-	-
Duodenal ulcer (532)	2,228	6	-	-	-	-	6	2	-	-	2	10	7	27
All races, male	1,167	5	-	-	-	-	5	1	-	-	2	8	7	21
All races, female	1,061	1	-	-	-	-	1	1	-	-	-	2	-	6
White, male	1,019	3	-	-	-	-	3	1	-	-	-	4	1	12
White, female	966	1	-	-	-	-	1	1	-	-	-	-	-	5
Black, male	119	2	-	-	-	-	2	-	-	-	2	4	6	8
Black, female	86	-	-	-	-	-	-	-	-	-	-	2	-	1
Peptic ulcer, site unspecified (533)	2,247	1	-	-	-	-	1	-	-	3	1	1	9	12
All races, male	1,089	1	-	-	-	-	1	-	-	3	-	1	4	7
All races, female	1,158	-	-	-	-	-	-	-	-	-	1	-	5	5
White, male	957	1	-	-	-	-	1	-	-	2	-	1	3	5
White, female	1,035	-	-	-	-	-	-	-	-	-	1	-	3	4
Black, male	107	-	-	-	-	-	-	-	-	1	-	-	1	2
Black, female	107	-	-	-	-	-	-	-	-	-	-	-	2	1
Gastritis and duodenitis (535)	679	1	-	-	-	-	1	-	-	-	6	7	13	16
All races, male	339	1	-	-	-	-	1	-	-	-	5	4	11	9
All races, female	340	-	-	-	-	-	-	-	-	-	1	3	2	7
White, male	280	1	-	-	-	-	1	-	-	-	4	3	10	7
White, female	299	-	-	-	-	-	-	-	-	-	1	2	2	5
Black, male	48	-	-	-	-	-	-	-	-	-	-	1	1	2
Black, female	41	-	-	-	-	-	-	-	-	-	-	1	-	2
Appendicitis (540-543)	451	2	-	-	-	-	2	6	10	10	8	9	8	5
All races, male	237	1	-	-	-	-	1	6	6	6	5	7	7	4
All races, female	214	1	-	-	-	-	1	-	4	4	3	2	1	1
White, male	185	1	-	-	-	-	1	4	2	2	4	6	4	3
White, female	169	-	-	-	-	-	-	-	2	3	2	2	-	1
Black, male	47	-	-	-	-	-	-	2	3	3	1	1	3	1
Black, female	42	1	-	-	-	-	1	-	2	1	1	-	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,530	88	3	8	9	6	114	12	12	9	5	24	30	49
All races, male	2,047	57	2	5	6	3	73	7	9	7	4	10	18	23
All races, female	3,483	31	1	3	3	3	41	5	3	2	1	14	12	26
White, male	1,711	35	2	4	4	2	47	3	9	3	4	7	11	14
White, female	3,080	22	1	2	2	2	29	3	1	2	1	8	6	19
Black, male	315	20	-	1	1	1	23	3	-	3	-	3	7	9
Black, female	368	7	-	-	1	1	9	1	2	-	-	6	6	5
Regional enteritis and idiopathic proctocolitis (555-556)	636	2	2	-	-	-	4	3	2	1	4	8	16	13
All races, male	276	2	2	-	-	-	4	2	-	1	1	4	9	7
All races, female	360	-	-	-	-	-	-	1	2	-	3	4	7	6
White, male	259	2	1	-	-	-	3	1	-	1	1	4	8	7
White, female	341	-	-	-	-	-	-	1	2	-	2	4	5	5
Black, male	15	-	-	-	-	-	-	1	-	-	-	-	1	-
Black, female	16	-	-	-	-	-	-	-	-	-	1	-	2	1
All other noninfective gastroenteritis and colitis (557-558)	8,098	97	16	6	6	2	127	3	6	9	13	15	21	41
All races, male	2,881	54	7	6	2	1	70	-	2	5	9	9	9	27
All races, female	5,217	43	9	-	4	1	57	3	4	4	4	6	12	14
White, male	2,538	30	5	4	-	1	40	-	2	4	7	7	8	20
White, female	4,727	15	4	-	3	1	23	1	3	2	2	3	7	8
Black, male	314	23	2	2	2	-	29	-	1	2	2	2	1	7
Black, female	450	28	4	-	-	-	32	2	1	1	2	2	5	5
Diverticula of intestine (562)	3,089	-	-	-	-	-	-	-	-	-	-	-	2	7
All races, male	954	-	-	-	-	-	-	-	-	-	-	-	1	3
All races, female	2,135	-	-	-	-	-	-	-	-	-	-	-	1	4
White, male	867	-	-	-	-	-	-	-	-	-	-	-	1	1
White, female	1,989	-	-	-	-	-	-	-	-	-	-	-	1	2
Black, male	81	-	-	-	-	-	-	-	-	-	-	-	-	2
Black, female	159	-	-	-	-	-	-	-	-	-	-	-	-	2
Chronic liver disease and cirrhosis (571)	26,694	18	1	2	2	1	24	4	3	9	48	211	770	1,586
All races, male	17,310	11	-	1	2	-	14	3	3	3	25	140	532	1,201
All races, female	9,384	7	1	1	1	1	10	1	-	6	23	71	238	385
White, male	14,414	7	-	-	1	-	8	2	3	2	16	89	376	848
White, female	7,797	2	1	-	-	1	4	-	3	3	15	43	141	231
Black, male	2,517	4	-	1	1	-	6	1	-	-	8	44	132	314
Black, female	1,334	3	-	1	-	-	4	1	-	3	7	23	78	130

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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 (530-578)	2,931	3,238	3,859	5,056	6,823	8,012	8,684	9,356	9,232	7,471	4,532	1,662	314	14
All races, male	2,117	2,239	2,597	3,255	4,235	4,640	4,639	4,502	3,666	2,443	1,163	381	72	11
All races, female	814	999	1,262	1,801	2,588	3,372	4,045	4,854	5,566	5,028	3,369	1,281	242	3
White, male	1,536	1,676	2,046	2,642	3,622	4,038	4,139	4,096	3,358	2,246	1,092	354	58	5
White, female	537	726	954	1,437	2,133	2,909	3,576	4,378	5,115	4,671	3,176	1,194	201	-
Black, male	523	507	489	539	553	526	432	350	251	148	56	23	9	5
Black, female	245	233	262	315	405	408	436	434	409	314	165	75	40	3
Ulcer of stomach and duodenum (531-533)	84	106	163	249	362	568	815	1,012	1,157	1,015	557	200	37	1
All races, male	63	70	96	160	216	349	463	515	533	366	161	51	11	1
All races, female	21	36	67	89	146	219	352	497	624	649	396	149	26	-
White, male	38	45	75	121	184	292	400	460	488	332	155	47	8	1
White, female	12	29	54	73	117	187	306	434	581	598	392	142	23	-
Black, male	20	25	20	33	28	42	50	48	32	21	3	4	2	-
Black, female	8	6	12	13	21	30	45	59	37	38	13	6	3	-
Gastric ulcer (531)	34	47	58	75	128	179	260	325	328	296	145	45	12	-
All races, male	23	29	31	46	75	101	135	151	138	87	35	6	2	-
All races, female	11	18	27	29	53	78	125	174	190	209	110	39	10	-
White, male	18	14	25	34	60	81	107	130	121	71	35	6	1	-
White, female	6	14	22	22	42	70	103	154	180	189	105	36	9	-
Black, male	4	15	6	10	14	15	23	20	9	11	-	-	1	-
Black, female	4	3	5	6	6	7	22	20	9	13	5	3	1	-
Duodenal ulcer (532)	33	33	67	90	135	211	274	345	395	361	166	53	10	1
All races, male	27	24	44	58	82	139	163	188	189	140	51	14	3	1
All races, female	6	9	23	32	53	72	111	157	206	221	115	39	7	-
White, male	12	21	32	50	71	119	146	168	180	134	48	13	3	1
White, female	4	7	18	28	47	62	100	137	196	205	111	38	6	-
Black, male	12	3	12	6	8	15	13	14	7	4	2	2	1	-
Black, female	2	2	5	3	5	10	11	20	7	13	4	-	1	-
Peptic ulcer, site unspecified (533)	17	26	38	84	99	178	281	342	434	358	246	102	15	-
All races, male	13	17	21	56	59	109	165	176	206	139	75	31	6	-
All races, female	4	9	17	28	40	69	116	166	228	219	171	71	9	-
White, male	8	10	18	37	53	92	147	162	187	127	72	28	4	-
White, female	2	8	14	23	28	55	103	143	205	204	166	68	8	-
Black, male	4	7	2	17	6	12	14	14	16	6	1	3	1	-
Black, female	2	1	2	4	10	13	12	19	21	12	4	3	1	-
Gastritis and duodenitis (535)	23	19	27	26	48	53	61	85	108	80	61	38	7	-
All races, male	21	14	18	21	37	36	37	29	48	23	16	6	3	-
All races, female	2	5	9	5	11	17	24	56	60	57	45	32	4	-
White, male	16	10	12	20	31	26	32	24	41	21	14	6	2	-
White, female	2	3	9	3	8	15	21	47	52	52	43	31	3	-
Black, male	5	3	6	1	4	8	5	4	5	2	1	-	-	-
Black, female	-	2	-	2	3	2	3	9	8	5	2	1	1	-
Appendicitis (540-543)	8	11	24	30	23	46	65	63	49	41	24	7	2	-
All races, male	4	8	13	16	12	23	38	37	23	13	6	2	2	-
All races, female	4	3	11	14	11	23	27	26	26	28	18	5	2	-
White, male	2	6	9	9	9	21	31	36	19	10	5	2	-	-
White, female	3	2	7	8	7	19	22	23	23	24	15	5	1	-
Black, male	2	2	4	7	3	2	5	1	4	3	-	-	-	-
Black, female	1	1	4	6	4	4	4	2	3	4	3	-	1	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	46	61	60	136	229	348	543	812	1,040	972	713	275	40	-
All races, male	21	23	25	70	119	166	239	334	406	275	161	51	6	-
All races, female	25	38	35	66	110	182	304	478	634	697	552	224	34	-
White, male	16	16	19	52	87	128	198	293	354	247	149	49	5	-
White, female	16	26	26	56	92	157	261	414	569	639	521	205	29	-
Black, male	4	7	6	17	30	37	39	38	50	26	10	2	1	-
Black, female	7	11	8	9	17	24	41	60	61	53	27	16	5	-
Regional enteritis and idiopathic proctocolitis (555-556)	19	26	27	30	54	82	79	89	87	63	25	3	1	-
All races, male	12	17	13	14	27	37	37	39	26	18	6	1	1	-
All races, female	7	9	14	16	27	45	42	50	61	45	19	2	-	-
White, male	12	15	13	14	24	35	36	38	24	17	4	1	1	-
White, female	6	7	14	15	26	44	40	48	57	45	19	1	-	-
Black, male	-	2	-	-	3	2	1	-	2	1	2	-	-	-
Black, female	-	1	-	-	1	1	2	2	4	-	-	1	-	-
All other noninfective gastroenteritis and colitis (557-558)	57	80	135	234	473	753	1,121	1,375	1,471	1,212	676	232	42	2
All races, male	33	47	69	107	211	329	453	524	456	308	149	54	9	1
All races, female	24	33	66	127	262	424	668	851	1,015	904	527	178	33	1
White, male	20	33	54	96	181	278	409	476	423	282	139	52	7	-
White, female	20	29	53	101	208	365	608	797	950	846	504	167	30	-
Black, male	13	14	13	10	29	47	39	44	26	24	9	2	1	1
Black, female	4	2	13	24	52	54	58	51	59	52	17	10	3	1
Diverticula of intestine (562)	15	20	38	88	130	260	392	466	596	576	352	124	23	-
All races, male	13	11	23	45	58	112	140	164	161	141	60	17	5	-
All races, female	2	9	15	43	72	148	252	302	435	435	292	107	18	-
White, male	9	6	18	39	51	98	128	153	152	132	59	16	4	-
White, female	2	7	12	38	59	133	225	278	399	414	286	100	13	-
Black, male	4	5	5	6	7	14	12	10	7	6	1	1	1	-
Black, female	-	1	2	5	13	15	25	24	34	20	6	7	5	-
Chronic liver disease and cirrhosis (571)	2,017	2,202	2,519	3,101	3,655	3,615	2,877	2,135	1,205	538	137	27	2	9
All races, male	1,515	1,583	1,795	2,116	2,402	2,241	1,695	1,151	581	244	49	8	1	8
All races, female	502	619	724	985	1,253	1,374	1,182	984	624	294	88	19	1	1
White, male	1,124	1,211	1,451	1,745	2,107	1,992	1,548	1,071	540	225	47	5	-	4
White, female	333	448	555	791	1,057	1,213	1,068	915	596	281	84	18	1	-
Black, male	346	326	306	320	264	216	124	62	31	11	2	1	-	3
Black, female	146	145	137	163	170	132	99	55	23	12	4	1	-	1

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	12,308	-	-	-	-	-	-	-	-	-	23	132	518	1,042
All races, male	9,012	-	-	-	-	-	-	-	-	-	15	90	365	780
All races, female	3,296	-	-	-	-	-	-	-	-	-	8	42	153	262
White, male	7,225	-	-	-	-	-	-	-	-	-	9	54	259	544
White, female	2,464	-	-	-	-	-	-	-	-	-	4	22	92	148
Black, male	1,566	-	-	-	-	-	-	-	-	-	6	31	85	209
Black, female	688	-	-	-	-	-	-	-	-	-	3	16	46	93
Chronic hepatitis and biliary cirrhosis (571.4,571.6)	1,180	1	-	1	-	1	3	1	-	4	2	7	19	43
All races, male	425	1	-	1	-	2	2	1	-	2	5	12	31	31
All races, female	755	-	-	-	-	1	1	-	-	4	-	2	7	12
White, male	360	1	-	-	-	-	1	-	-	-	2	5	8	21
White, female	687	-	-	-	-	1	1	-	-	2	-	2	3	10
Black, male	43	-	-	1	-	-	1	1	-	-	-	-	4	8
Black, female	49	-	-	-	-	-	-	-	-	2	-	-	4	2
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)	13,206	17	1	1	2	-	21	3	3	5	23	72	233	501
All races, male	7,873	10	-	-	2	-	12	2	3	3	8	45	155	390
All races, female	5,333	7	1	1	-	-	9	1	-	2	15	27	78	111
White, male	6,829	6	-	-	1	-	7	2	3	2	5	30	109	283
White, female	4,646	2	1	-	-	-	3	-	-	1	11	19	46	73
Black, male	908	4	-	-	1	-	5	-	-	-	2	13	43	97
Black, female	597	3	-	1	-	-	4	1	-	1	4	7	28	35
Cholelithiasis and other disorders of gallbladder (574-575)	3,048	3	1	1	-	-	5	-	-	1	3	9	11	20
All races, male	1,336	3	1	1	-	-	5	-	-	-	-	5	7	9
All races, female	1,712	-	-	-	-	-	-	-	-	1	3	4	4	11
White, male	1,210	2	1	-	-	-	3	-	-	-	-	3	5	6
White, female	1,528	-	-	-	-	-	-	-	-	1	2	4	2	7
Black, male	102	1	-	1	-	-	2	-	-	-	-	2	2	3
Black, female	153	-	-	-	-	-	-	-	-	-	1	-	2	3
All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)	21,349	136	37	19	9	9	210	29	28	49	89	174	309	473
All races, male	10,695	84	17	14	5	4	124	6	15	23	55	97	204	313
All races, female	10,654	52	20	5	4	5	86	23	13	26	34	77	105	160
White, male	8,988	45	13	13	5	4	80	4	11	17	36	73	137	207
White, female	9,077	33	14	4	3	4	58	14	8	15	20	39	52	89
Black, male	1,521	36	3	1	-	-	40	2	4	4	17	23	62	89
Black, female	1,440	18	6	1	1	1	27	6	5	9	14	35	46	61
X. Diseases of the genitourinary system (580-629)	39,292	221	8	5	5	8	247	15	23	38	78	146	291	333
All races, male	17,575	132	5	3	3	4	147	5	11	22	33	85	174	217
All races, female	21,717	89	3	2	2	4	100	10	12	16	45	61	117	116
White, male	13,919	87	5	2	1	3	98	3	6	17	20	52	80	111
White, female	17,633	60	3	1	1	3	68	5	6	10	28	31	57	82
Black, male	3,365	44	-	1	1	1	47	2	3	5	12	31	91	104
Black, female	3,820	27	-	1	1	1	30	4	6	5	15	28	58	51
Diseases of urinary system (580-599)	38,300	220	8	5	5	8	246	14	21	38	74	142	275	318
All races, male	16,885	132	5	3	3	4	147	5	10	22	33	84	169	215
All races, female	21,415	88	3	2	2	4	99	9	11	16	41	58	106	103
White, male	13,346	87	5	2	1	3	98	3	5	17	20	52	79	111
White, female	17,400	59	3	1	1	3	67	5	6	10	27	30	51	57
Black, male	3,254	44	-	1	1	1	47	2	3	5	12	30	87	102
Black, female	3,754	27	-	1	1	1	30	3	5	5	12	26	53	43
Nephritis, nephrotic syndrome, and nephrosis (580-589)	21,118	198	5	1	4	5	213	10	10	19	51	85	173	227
All races, male	10,320	118	3	-	3	4	128	3	7	9	24	56	110	167
All races, female	10,798	80	2	1	1	1	85	7	3	10	27	29	63	60
White, male	8,093	78	3	-	1	3	85	2	3	6	12	37	49	84
White, female	8,514	52	2	1	-	-	55	4	1	6	17	17	31	32
Black, male	2,047	39	-	-	1	1	41	1	2	3	11	18	59	82
Black, female	2,119	26	-	-	1	1	28	2	2	3	9	11	30	25
Acute glomerulonephritis (580)	109	-	-	-	-	-	-	-	-	-	-	1	2	2
All races, male	61	-	-	-	-	-	-	-	-	-	-	-	1	1
All races, female	48	-	-	-	-	-	-	-	-	-	-	1	1	1
White, male	53	-	-	-	-	-	-	-	-	-	-	-	-	-
White, female	39	-	-	-	-	-	-	-	-	-	-	1	-	1
Black, male	8	-	-	-	-	-	-	-	-	-	-	-	1	1
Black, female	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Nephrotic syndrome (581)	201	8	2	1	-	-	11	-	4	1	3	-	4	6
All races, male	99	3	-	-	-	-	3	-	4	1	2	-	3	5
All races, female	102	5	2	1	-	-	8	-	-	-	1	-	1	1
White, male	73	3	-	-	-	-	3	-	1	-	1	-	-	2
White, female	76	4	2	1	-	-	7	-	-	-	-	-	1	-
Black, male	25	-	-	-	-	-	-	-	2	1	1	-	3	3
Black, female	25	1	-	-	-	-	1	-	-	-	1	-	-	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,517	4	-	-	1	2	7	1	3	4	9	20	16	28
All races, male	733	3	-	-	1	1	5	-	3	3	4	15	7	23
All races, female	784	1	-	-	-	1	2	1	-	1	5	5	9	5
White, male	590	3	-	-	-	1	4	-	2	2	3	11	5	15
White, female	611	1	-	-	-	-	1	1	-	1	4	2	4	4
Black, male	137	-	-	-	-	-	-	-	-	1	1	4	2	8
Black, female	158	-	-	-	-	1	1	-	-	-	1	3	4	1
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	19,291	186	3	-	3	3	195	9	3	14	39	64	151	191
All races, male	9,427	112	3	-	2	3	120	3	-	5	18	41	99	138
All races, female	9,864	74	-	-	1	-	75	6	3	9	21	23	52	53
White, male	7,377	72	3	-	-	2	78	2	-	4	8	26	44	67
White, female	7,788	47	-	-	-	-	47	3	1	5	13	14	26	27
Black, male	1,877	39	-	-	1	1	41	1	-	1	9	14	53	70
Black, female	1,928	25	-	-	1	-	26	2	2	3	7	8	26	24

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	1,260	1,383	1,479	1,681	1,695	1,446	882	485	211	56	6	3	-	6
All races, male	951	1,026	1,074	1,241	1,220	1,035	658	355	154	39	2	1	-	6
All races, female	309	357	405	440	475	411	224	130	57	17	4	2	-	-
White, male	682	771	861	1,011	1,036	910	582	331	135	35	2	-	-	3
White, female	196	247	295	338	386	347	196	116	55	16	4	2	-	-
Black, male	233	225	187	202	170	108	67	21	16	3	-	1	-	2
Black, female	96	92	88	84	78	53	23	13	2	1	-	-	-	-
Chronic hepatitis and biliary cirrhosis (571.4,571.6)														
All races, male	36	34	18	32	48	59	61	43	26	12	3	-	-	-
All races, female	18	26	32	65	111	109	131	118	65	39	10	5	-	-
White, male	27	25	17	26	43	52	55	39	25	11	3	-	-	-
White, female	15	21	26	58	97	100	125	112	64	36	10	5	-	-
Black, male	8	6	-	2	3	4	4	2	-	-	-	-	-	-
Black, female	3	3	3	3	11	5	4	5	1	3	-	-	-	-
Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)														
All races, male	528	523	703	843	1,134	1,147	976	753	401	193	44	7	1	2
All races, female	175	236	287	480	667	854	827	736	502	238	74	12	1	1
White, male	415	415	573	708	1,028	1,030	911	701	380	179	42	5	-	-
White, female	122	180	234	395	574	766	747	687	477	229	70	11	1	1
Black, male	105	95	119	116	91	104	53	39	15	8	2	-	-	1
Black, female	47	50	46	76	81	74	72	37	20	8	4	1	-	1
Cholelithiasis and other disorders of gallbladder (574-575)														
All races, male	14	18	17	36	86	133	199	215	261	182	112	31	6	-
All races, female	14	17	33	42	63	109	149	242	314	331	261	93	21	-
White, male	9	17	12	30	73	124	177	195	250	171	104	26	5	-
White, female	9	14	23	34	50	98	127	215	286	305	245	87	19	-
Black, male	5	-	5	6	12	8	15	17	9	6	4	5	1	-
Black, female	3	3	7	6	12	8	22	24	21	22	15	3	1	-
All other diseases of digestive system (530,534,538-537,564-570,572-573,576-579)														
All races, male	421	448	528	670	1,067	1,214	1,338	1,494	1,171	873	443	160	30	1
All races, female	213	230	288	414	633	831	1,045	1,368	1,773	1,588	1,171	472	103	1
White, male	290	317	383	516	875	1,044	1,180	1,350	1,067	809	416	150	26	-
White, female	134	161	201	318	509	678	898	1,207	1,602	1,467	1,077	438	82	-
Black, male	124	123	124	139	173	150	142	126	85	48	24	8	3	1
Black, female	76	61	79	87	112	138	137	148	159	108	78	30	21	1
X. Diseases of the genitourinary system (580-629)														
All races, male	250	256	385	563	1,004	1,614	2,159	2,907	3,169	2,606	1,457	504	102	5
All races, female	147	205	316	472	831	1,463	1,966	3,141	4,119	4,194	2,930	1,209	245	2
White, male	126	149	222	347	724	1,189	1,717	2,400	2,681	2,159	1,287	452	78	1
White, female	86	113	182	294	512	1,052	1,489	2,498	3,536	3,709	2,622	1,080	192	1
Black, male	119	101	155	202	261	389	406	464	439	312	147	48	23	4
Black, female	57	85	125	167	297	388	448	600	548	457	282	117	51	1
Diseases of urinary system (580-599)														
All races, male	243	251	376	554	980	1,563	2,098	2,787	3,014	2,371	1,388	472	98	5
All races, female	138	193	305	465	821	1,432	1,943	3,098	4,075	4,159	2,897	1,202	242	2
White, male	124	147	215	341	710	1,144	1,675	2,297	2,545	2,041	1,223	424	74	1
White, female	81	105	175	287	504	1,033	1,469	2,463	3,498	3,676	2,592	1,073	190	1
Black, male	114	98	153	199	251	384	388	447	421	298	142	44	23	4
Black, female	53	81	121	167	295	376	446	593	543	455	279	117	50	1
Nephritis, nephrotic syndrome, and nephrosis (580-589)														
All races, male	154	157	251	404	659	1,003	1,348	1,711	1,776	1,316	739	243	51	4
All races, female	84	114	191	285	518	905	1,159	1,663	1,983	1,846	1,165	514	86	1
White, male	75	94	142	253	486	735	1,080	1,419	1,487	1,133	651	219	41	-
White, female	46	67	115	173	312	652	866	1,299	1,670	1,598	1,029	460	64	-
Black, male	75	60	105	143	160	246	244	263	259	162	78	21	10	4
Black, female	95	44	70	105	189	236	274	339	291	231	123	50	21	1
Acute glomerulonephritis (580)														
All races, male	1	-	-	3	6	13	14	21	20	16	9	-	1	-
All races, female	1	-	-	3	5	7	6	15	10	9	3	-	1	-
White, male	1	-	-	2	4	7	4	13	10	9	3	-	1	-
White, female	-	-	-	1	6	4	4	9	6	6	-	-	1	-
Black, male	-	-	-	1	1	-	2	2	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	4	2	1	1	-	-	-	-
Nephrotic syndrome (581)														
All races, male	4	2	4	5	11	14	13	9	16	-	2	1	-	-
All races, female	1	2	1	3	4	8	8	21	22	12	6	3	-	-
White, male	3	1	2	4	9	11	11	7	16	-	1	1	-	-
White, female	-	1	2	3	6	6	6	16	18	7	6	2	-	-
Black, male	1	1	2	1	2	3	2	2	-	-	1	-	-	-
Black, female	1	1	-	1	1	2	2	5	4	5	-	1	-	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)														
All races, male	16	18	20	47	82	151	162	221	258	221	114	51	9	1
All races, female	13	12	11	22	40	82	78	113	148	127	63	38	8	1
White, male	8	11	9	37	32	58	73	95	90	82	43	10	-	-
White, female	9	7	9	17	29	53	60	85	126	112	49	33	5	-
Black, male	8	7	11	10	10	11	13	18	11	8	3	1	-	-
Black, female	3	5	2	5	9	27	16	24	22	13	13	5	3	1
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)														
All races, male	133	137	227	349	601	913	1,245	1,579	1,640	1,213	683	229	50	4
All races, female	70	100	179	260	473	809	1,065	1,523	1,803	1,700	1,090	473	77	-
White, male	63	82	131	210	441	659	992	1,304	1,371	1,042	604	208	41	-
White, female	37	59	105	154	279	587	796	1,194	1,517	1,473	968	425	58	-
Black, male	66	52	92	131	147	233	229	246	241	151	69	18	9	4
Black, female	31	38	68	99	179	207	252	308	264	212	110	44	18	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	3	---	---	---	---	---	---	---	---	1	1	1	—	—
All races, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
All races, female	3	---	---	---	---	---	---	---	---	1	1	1	—	—
White, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White, female	1	---	---	---	---	---	---	---	---	1	—	—	—	—
Black, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black, female	2	---	---	---	---	---	---	---	---	---	1	1	—	—
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)	10	---	---	---	---	---	---	---	---	1	3	2	2	2
All races, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
All races, female	10	---	---	---	---	---	---	---	---	1	3	2	2	2
White, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White, female	5	---	---	---	---	---	---	---	---	1	1	2	1	—
Black, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black, female	5	---	---	---	---	---	---	---	---	---	2	—	1	2
Direct obstetric causes (640-646,651-676)	241	---	---	---	---	---	---	---	---	22	51	60	67	32
All races, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
All races, female	241	---	---	---	---	---	---	---	---	22	51	60	67	32
White, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White, female	144	---	---	---	---	---	---	---	---	14	33	37	34	22
Black, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black, female	85	---	---	---	---	---	---	---	---	7	18	21	27	8
Hemorrhage of pregnancy and childbirth (640-641,666)	43	---	---	---	---	---	---	---	---	2	9	12	12	7
All races, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
All races, female	43	---	---	---	---	---	---	---	---	2	9	12	12	7
White, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White, female	30	---	---	---	---	---	---	---	---	1	7	10	6	6
Black, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black, female	10	---	---	---	---	---	---	---	---	1	2	1	5	1
Toxemia of pregnancy (642.4-642.9,643)	58	---	---	---	---	---	---	---	---	6	14	8	16	9
All races, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
All races, female	58	---	---	---	---	---	---	---	---	6	14	8	16	9
White, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White, female	29	---	---	---	---	---	---	---	---	3	5	6	7	6
Black, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black, female	27	---	---	---	---	---	---	---	---	2	9	2	9	2
Obstructed labor (660)	—	---	---	---	---	---	---	---	---	---	---	---	---	---
All races, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
All races, female	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White, female	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black, female	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Complications of the puerperium (670-676)	89	---	---	---	---	---	---	---	---	9	19	24	23	11
All races, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
All races, female	89	---	---	---	---	---	---	---	---	9	19	24	23	11
White, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White, female	60	---	---	---	---	---	---	---	---	7	14	15	14	8
Black, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black, female	26	---	---	---	---	---	---	---	---	2	5	8	8	2
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	51	---	---	---	---	---	---	---	---	5	9	16	16	5
All races, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
All races, female	51	---	---	---	---	---	---	---	---	5	9	16	16	5
White, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White, female	25	---	---	---	---	---	---	---	---	3	7	6	7	2
Black, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black, female	22	---	---	---	---	---	---	---	---	2	2	10	5	3
Indirect obstetric causes (647-648)	29	---	---	---	---	---	---	---	---	2	5	10	7	3
All races, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
All races, female	29	---	---	---	---	---	---	---	---	2	5	10	7	3
White, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White, female	15	---	---	---	---	---	---	---	---	1	2	6	5	1
Black, male	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black, female	13	---	---	---	---	---	---	---	---	1	3	3	2	2
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)	3,806	7	2	—	2	1	12	2	3	2	8	13	28	27
All races, male	1,429	5	1	—	2	1	9	2	2	2	5	5	12	16
All races, female	2,377	2	1	—	—	—	3	—	1	—	3	8	16	11
White, male	1,023	2	1	—	—	1	4	2	1	2	3	2	7	7
White, female	1,716	2	—	—	—	—	2	—	1	—	1	4	7	5
Black, male	379	3	—	—	1	—	4	—	1	—	1	3	5	9
Black, female	640	—	1	—	—	—	1	—	—	—	2	4	8	5

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	7	2	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	7	2	-	...	...	...	...	...	...	...	...	...	...	...
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	4	-	-	...	...	...	...	...	...	...	...	...	...	...
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	2	2	-	...	...	...	...	...	...	...	...	...	...	...
Hemorrhage of pregnancy and childbirth (640-641,666)	1	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	1	-	-	...	...	...	...	...	...	...	...	...	...	...
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	...
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	...
Toxemia of pregnancy (642.4-642.9,643)	4	1	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	4	1	-	...	...	...	...	...	...	...	...	...	...	...
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	2	-	-	...	...	...	...	...	...	...	...	...	...	...
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	2	1	-	...	...	...	...	...	...	...	...	...	...	...
Obstructed labor (660)	-	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	-	-	-	...	...	...	...	...	...	...	...	...	...	...
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	...
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	...
Complications of the puerperium (670-676)	2	1	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	2	1	-	...	...	...	...	...	...	...	...	...	...	...
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	2	-	-	...	...	...	...	...	...	...	...	...	...	...
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	1	-	...	...	...	...	...	...	...	...	...	...	...
Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)	-	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	-	-	-	...	...	...	...	...	...	...	...	...	...	...
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	...
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	-	-	-	...	...	...	...	...	...	...	...	...	...	...
Indirect obstetric causes (647-648)	2	-	-	...	...	...	...	...	...	...	...	...	...	-
All races, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All races, female	2	-	-	...	...	...	...	...	...	...	...	...	...	...
White, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White, female	-	-	-	...	...	...	...	...	...	...	...	...	...	...
Black, male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Black, female	2	-	-	...	...	...	...	...	...	...	...	...	...	...
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)	41	44	53	75	139	213	366	524	717	710	534	237	58	-
All races, male	22	24	31	32	83	116	177	216	288	213	115	49	10	-
All races, female	19	20	22	43	56	97	189	308	429	497	419	188	48	-
White, male	11	17	19	26	55	70	124	164	204	166	90	43	6	-
White, female	8	13	9	28	30	58	124	223	310	380	336	144	33	-
Black, male	9	7	11	5	26	44	53	48	77	43	24	6	3	-
Black, female	11	7	10	15	26	35	65	83	116	115	79	44	14	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	812	2	-	-	-	-	2	-	-	2	1	6	10	10
All races, male	338	2	-	-	-	-	2	-	-	2	1	2	6	7
All races, female	474	-	-	-	-	-	-	-	-	-	-	4	4	3
White, male	274	-	-	-	-	-	-	-	-	2	1	1	3	3
White, female	397	-	-	-	-	-	-	-	-	-	-	2	2	2
Black, male	55	2	-	-	-	-	2	-	-	-	-	1	3	4
Black, female	73	-	-	-	-	-	-	-	-	-	-	2	1	1
All other diseases of skin and subcutaneous tissue (690-709)	2,994	5	2	-	2	1	10	2	3	-	7	7	18	17
All races, male	1,091	3	1	-	2	1	7	2	2	-	4	3	6	9
All races, female	1,903	2	1	-	-	-	3	-	1	-	3	4	12	8
White, male	749	2	1	-	-	1	4	2	1	-	2	1	4	4
White, female	1,319	2	-	-	-	-	2	-	1	-	1	2	5	3
Black, male	324	1	-	-	1	-	2	-	1	-	1	2	2	5
Black, female	567	-	1	-	-	-	1	-	-	-	2	2	7	4
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	7,598	10	3	-	1	2	16	5	25	44	100	115	140	164
All races, male	2,236	7	3	-	-	-	10	1	7	16	24	27	38	49
All races, female	5,362	3	-	-	1	2	6	4	18	28	76	88	102	115
White, male	1,832	4	3	-	-	-	7	1	6	7	13	13	21	24
White, female	4,495	3	-	-	1	1	5	2	11	8	32	50	46	55
Black, male	363	3	-	-	-	-	3	-	1	7	9	14	14	23
Black, female	781	-	-	-	-	1	1	2	7	17	42	35	50	57
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	1,780	1	-	-	-	1	2	-	-	2	1	3	1	5
All races, male	475	1	-	-	-	-	1	-	-	-	-	2	1	4
All races, female	1,305	-	-	-	-	1	1	-	-	2	1	1	-	1
White, male	436	-	-	-	-	-	-	-	-	-	-	2	-	2
White, female	1,218	-	-	-	-	-	-	-	-	1	1	1	-	1
Black, male	30	1	-	-	-	-	1	-	-	-	-	-	-	1
Black, female	69	-	-	-	-	1	1	-	-	1	-	-	-	-
Other arthropathies and related disorders (710-712,715-719)	3,507	2	-	-	1	1	4	2	17	32	76	101	111	139
All races, male	854	1	-	-	-	-	1	-	3	7	10	21	18	30
All races, female	2,643	1	-	-	1	1	3	2	14	25	66	80	93	109
White, male	666	1	-	-	-	-	1	-	3	3	5	8	8	13
White, female	2,030	1	-	-	1	1	3	-	8	6	24	44	40	47
Black, male	180	-	-	-	-	-	-	-	-	4	4	13	8	16
Black, female	555	-	-	-	-	-	-	2	6	16	40	33	47	59
Dorsopathies (720-724)	224	-	-	-	-	-	-	-	-	1	-	1	1	4
All races, male	136	-	-	-	-	-	-	-	-	1	-	-	1	2
All races, female	88	-	-	-	-	-	-	-	-	-	-	1	-	2
White, male	111	-	-	-	-	-	-	-	-	-	-	-	1	1
White, female	75	-	-	-	-	-	-	-	-	-	-	1	-	1
Black, male	21	-	-	-	-	-	-	-	-	-	-	-	-	1
Black, female	13	-	-	-	-	-	-	-	-	-	-	-	-	1
Rheumatism, excluding the back (725-729)	528	4	3	-	-	-	7	-	1	4	8	3	16	7
All races, male	289	2	3	-	-	-	5	-	1	4	7	2	10	6
All races, female	239	2	-	-	-	-	2	-	-	-	1	1	6	1
White, male	222	1	3	-	-	-	4	-	1	1	3	1	6	4
White, female	187	2	-	-	-	-	2	-	-	-	1	1	5	-
Black, male	63	1	-	-	-	-	1	-	-	3	4	1	4	2
Black, female	49	-	-	-	-	-	-	-	-	-	-	-	1	1
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	1,559	3	-	-	-	-	3	3	7	5	15	7	11	15
All races, male	472	3	-	-	-	-	3	1	3	4	7	2	8	7
All races, female	1,087	-	-	-	-	-	-	2	4	1	8	5	3	8
White, male	397	2	-	-	-	-	2	1	2	3	5	2	6	4
White, female	985	-	-	-	-	-	-	2	3	1	6	3	1	6
Black, male	69	1	-	-	-	-	1	-	1	-	1	-	2	3
Black, female	95	-	-	-	-	-	-	-	1	-	2	-	2	2
XIV. Congenital anomalies (740-759)	12,897	8,120	438	219	168	103	9,048	267	213	240	234	269	214	234
All races, male	6,812	4,387	194	100	84	58	4,823	144	112	142	139	160	121	130
All races, female	6,085	3,733	244	119	84	45	4,225	123	101	98	95	109	93	104
White, male	5,444	3,437	145	79	62	47	3,770	114	89	100	116	131	96	105
White, female	4,847	2,875	185	87	67	31	3,245	103	76	82	80	94	73	85
Black, male	1,143	789	41	17	17	8	872	27	17	34	20	25	24	23
Black, female	1,036	709	51	29	15	13	817	15	18	14	12	14	18	16
Spina bifida (741)	157	73	9	5	4	3	94	6	10	10	9	4	4	5
All races, male	67	33	2	3	-	2	40	1	6	5	4	2	1	2
All races, female	90	40	7	2	4	1	54	5	4	5	5	2	3	3
White, male	58	28	1	3	-	2	34	1	6	5	2	2	1	2
White, female	81	35	6	2	3	1	47	5	4	5	4	1	3	3
Black, male	7	4	1	-	-	-	5	-	-	-	1	-	-	-
Black, female	6	3	-	-	1	-	4	-	-	-	1	-	-	-
All other congenital anomalies of nervous system (740,742)	1,566	940	70	41	34	12	1,097	57	39	39	23	25	16	10
All races, male	733	414	27	13	16	8	478	30	12	22	13	12	10	6
All races, female	833	526	43	28	18	4	619	27	17	17	10	13	6	4
White, male	594	325	16	11	12	6	370	23	12	18	12	8	8	5
White, female	667	420	32	16	13	3	484	23	21	14	7	11	3	2
Black, male	115	68	9	2	4	2	85	7	-	4	1	4	2	1
Black, female	135	86	10	10	5	1	112	3	5	2	2	1	3	1
Congenital anomalies of heart (745-746)	4,593	2,559	221	117	85	57	3,039	126	104	118	126	129	108	122
All races, male	2,448	1,392	103	65	48	32	1,640	72	63	77	77	81	65	65
All races, female	2,145	1,167	118	52	37	25	1,399	54	41	41	49	48	43	57
White, male	1,981	1,111	84	53	34	25	1,307	57	50	54	63	70	51	53
White, female	1,690	872	95	42	29	15	1,053	44	28	34	41	43	34	47
Black, male	380	230	15	8	9	4	266	13	9	20	13	10	13	12
Black, female	384	249	20	10	6	9	294	8	10	6	7	5	7	9

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	20	21	20	31	47	65	82	110	128	101	111	37	8	-
All races, male	11	9	11	17	35	32	43	52	29	26	26	9	1	-
All races, female	9	12	9	14	12	33	39	67	76	72	85	28	7	-
White, male	6	5	7	14	25	25	40	41	44	26	23	8	-	-
White, female	3	6	3	11	8	26	32	59	67	67	77	26	6	-
Black, male	4	4	3	2	9	7	3	1	6	3	2	1	-	-
Black, female	6	6	5	3	4	6	7	8	9	5	7	2	1	-
All other diseases of skin and subcutaneous tissue (690-709)	21	23	33	44	92	148	284	414	589	609	423	200	50	-
All races, male	11	15	20	15	48	84	134	173	236	184	99	40	9	-
All races, female	10	8	13	29	44	64	150	241	353	425	334	160	41	-
White, male	5	12	12	12	30	45	84	123	160	140	67	35	6	-
White, female	5	7	6	17	22	32	92	164	243	313	259	118	27	-
Black, male	5	3	8	3	17	37	50	47	71	40	22	5	3	-
Black, female	5	1	5	12	22	29	58	75	107	110	72	42	13	-
XIII. Diseases of the musculoskeletal system and connective tissue (710-739)	242	245	279	397	571	807	995	1,093	1,004	691	440	191	33	1
All races, male	69	64	94	129	222	273	357	320	241	182	76	33	3	1
All races, female	173	181	185	268	349	534	638	773	763	509	364	158	30	-
White, male	52	39	61	94	179	234	318	278	218	166	71	27	3	1
White, female	101	119	126	200	291	467	578	705	702	490	342	148	27	-
Black, male	17	25	28	32	40	38	34	33	20	15	4	6	-	-
Black, female	63	55	54	63	53	58	51	62	54	26	20	8	3	-
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	19	25	43	79	146	249	353	375	256	130	73	14	4	-
All races, male	2	7	13	26	47	79	116	94	49	22	9	3	-	-
All races, female	17	18	30	53	99	170	237	281	207	108	64	11	4	-
White, male	2	4	11	21	44	74	112	90	44	20	8	2	-	-
White, female	15	16	26	50	88	158	221	260	199	104	63	11	3	-
Black, male	-	3	1	4	3	5	2	3	4	1	1	1	-	-
Black, female	2	2	4	2	9	9	10	19	4	4	1	-	1	-
Other arthropathies and related disorders (710-712,715-719)	179	173	172	231	298	380	395	376	359	247	138	71	12	-
All races, male	41	30	48	60	97	103	122	92	82	65	22	12	-	-
All races, female	138	143	124	171	201	277	273	284	277	182	116	59	12	-
White, male	34	13	32	43	73	92	107	77	74	57	21	12	-	-
White, female	73	90	73	120	162	237	246	264	253	168	106	55	11	-
Black, male	7	16	14	15	21	20	13	12	8	8	1	-	-	-
Black, female	57	46	46	48	36	35	24	19	21	12	10	3	1	-
Dorsopathies (720-724)	4	8	3	12	22	30	31	56	26	15	6	3	-	1
All races, male	2	5	3	7	15	15	21	38	12	8	2	1	-	1
All races, female	2	3	-	5	5	15	10	18	14	7	4	2	-	-
White, male	1	5	2	4	13	13	17	31	11	8	2	1	-	-
White, female	2	2	-	4	5	11	9	16	12	6	4	2	-	-
Black, male	1	-	1	3	4	2	4	5	-	-	-	-	-	-
Black, female	-	1	-	1	-	4	1	2	2	-	-	-	-	-
Rheumatism, excluding the back (725-729)	13	19	28	43	50	58	57	69	68	44	20	9	4	-
All races, male	11	11	15	24	31	35	34	33	26	21	9	3	1	-
All races, female	2	8	13	19	19	23	23	36	42	23	11	6	3	-
White, male	6	8	7	17	24	31	29	25	24	20	8	2	1	-
White, female	1	5	10	12	15	17	19	29	34	20	10	4	2	-
Black, male	5	3	7	7	7	4	4	6	2	1	1	1	-	-
Black, female	1	3	3	7	4	5	4	5	8	3	1	2	1	-
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	27	20	33	32	55	90	159	217	295	255	203	94	13	-
All races, male	13	11	15	12	30	41	64	63	72	66	34	14	2	-
All races, female	14	9	18	20	25	49	95	154	223	189	169	80	11	-
White, male	9	8	9	9	25	34	53	55	65	61	32	10	2	-
White, female	10	6	17	14	21	44	83	136	204	182	159	76	11	-
Black, male	4	3	5	3	5	7	11	7	6	5	1	4	-	-
Black, female	3	3	1	5	4	5	12	17	19	6	8	3	-	-
XIV. Congenital anomalies (740-759)	168	193	202	204	224	275	238	268	182	143	46	28	1	6
All races, male	80	92	100	114	114	137	109	118	82	69	16	6	-	4
All races, female	88	101	102	90	110	138	129	150	100	74	30	22	1	2
White, male	66	82	88	95	104	128	100	101	78	64	14	5	-	3
White, female	76	89	81	73	98	126	115	137	93	70	28	21	1	-
Black, male	12	10	11	16	6	12	9	15	3	3	2	1	-	1
Black, female	12	9	18	13	12	12	12	10	7	4	-	1	-	2
Spina bifida (741)	3	1	1	-	1	1	5	1	1	1	-	-	-	-
All races, male	1	-	1	-	1	1	1	-	-	1	-	-	-	-
All races, female	2	1	-	-	-	-	4	1	1	-	-	-	-	-
White, male	1	-	1	-	1	1	-	-	-	1	-	-	-	-
White, female	2	1	-	-	-	-	-	1	1	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other congenital anomalies of nervous system (740,742)	14	9	11	16	11	30	31	49	35	36	9	7	-	2
All races, male	7	5	5	11	9	18	20	28	21	17	5	3	-	1
All races, female	7	4	6	5	2	12	11	21	14	19	4	4	-	1
White, male	4	4	5	9	8	18	20	25	21	16	5	2	-	1
White, female	7	3	6	4	2	11	11	20	13	17	4	4	-	-
Black, male	3	1	-	2	-	-	-	3	-	1	-	1	-	-
Black, female	-	1	-	-	-	1	-	-	-	2	-	-	-	1
Congenital anomalies of heart (745-746)	82	74	71	57	61	76	88	103	59	35	10	5	-	-
All races, male	42	29	32	32	27	34	35	40	21	15	1	-	-	-
All races, female	40	45	39	25	34	42	53	63	38	20	9	5	-	-
White, male	40	27	29	25	26	32	32	30	21	13	1	-	-	-
White, female	37	39	29	19	31	47	57	36	19	8	5	-	-	-
Black, male	2	2	2	4	1	1	3	8	-	1	-	-	-	-
Black, female	3	3	9	4	3	3	5	5	2	1	-	-	-	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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 :	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)	36	40	43	47	52	57	44	36	29	15	5	4	-	-
All races, male	14	22	22	26	30	34	25	18	9	6	-	1	-	-
All races, female	22	18	21	21	22	23	19	18	20	9	5	3	-	-
White, male	9	19	20	20	28	30	22	17	6	6	-	1	-	-
White, female	17	18	14	17	17	22	16	18	19	9	5	3	-	-
Black, male	4	3	2	6	2	4	3	1	2	-	-	-	-	-
Black, female	5	-	6	3	5	1	3	-	1	-	-	-	-	-
All other congenital anomalies (743-744,748-759)	33	69	76	84	99	111	70	79	58	56	22	12	1	4
All races, male	16	36	40	45	47	50	28	32	31	30	10	2	-	3
All races, female	17	33	36	39	52	61	42	47	27	26	12	10	1	1
White, male	12	32	33	41	41	42	26	29	30	28	8	2	-	2
White, female	13	28	32	33	48	54	37	41	24	25	12	9	1	-
Black, male	3	4	7	4	3	7	2	3	1	1	2	-	-	1
Black, female	4	5	3	6	4	7	4	5	3	1	-	1	-	1
XV. Certain conditions originating in the perinatal period (760-779)	2	1	1	-	2	2	1	1	-	-	-	-	-	4
All races, male	2	-	1	-	2	1	-	1	-	-	-	-	-	2
All races, female	-	1	-	-	-	1	1	-	-	-	-	-	-	2
White, male	2	-	1	-	2	1	-	-	-	-	-	-	-	1
White, female	-	1	-	-	-	1	1	-	-	-	-	-	-	1
Black, male	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Birth trauma (767)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
All races, male	1	-	-	-	1	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	1	-	-	-	1	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)	-	-	-	-	-	1	-	-	-	-	-	-	-	-
All races, male	-	-	-	-	-	1	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	-	-	-	-	-	1	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other conditions originating in the perinatal period (760-766,770-779)	1	1	1	-	1	1	1	1	-	-	-	-	-	4
All races, male	1	-	1	-	1	-	-	1	-	-	-	-	-	2
All races, female	-	1	-	-	-	1	1	-	-	-	-	-	-	2
White, male	1	-	1	-	1	-	-	-	-	-	-	-	-	1
White, female	-	1	-	-	-	1	1	-	-	-	-	-	-	1
Black, male	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	1
XVI. Symptoms, signs, and ill-defined conditions (780-799)	1,020	789	723	863	1,136	1,471	1,618	1,924	1,975	1,833	1,486	785	265	91
All races, male	721	537	498	551	693	916	971	1,013	862	662	499	176	51	62
All races, female	299	252	225	312	443	555	647	911	1,113	1,171	1,047	609	214	29
White, male	502	385	363	407	550	760	848	864	742	573	387	161	42	43
White, female	207	183	175	242	380	457	538	773	998	1,047	974	559	184	21
Black, male	210	142	125	134	137	151	118	139	114	85	49	14	7	18
Black, female	89	63	46	68	78	91	104	134	112	119	68	47	29	8
Senility without mention of psychosis (797)	-	-	-	1	2	8	31	80	184	252	332	247	137	-
All races, male	-	-	-	1	2	5	11	43	60	76	79	47	23	-
All races, female	-	-	-	-	2	3	20	37	124	176	253	200	114	-
White, male	-	-	-	-	-	3	11	31	50	65	70	42	18	-
White, female	-	-	-	1	2	16	31	103	153	232	183	97	-	-
Black, male	-	-	-	1	2	-	-	12	10	11	8	4	4	-
Black, female	-	-	-	-	1	-	4	6	21	21	17	15	16	-
Symptoms, signs, and other ill-defined conditions (780-786,798-799)	1,020	789	723	862	1,134	1,463	1,587	1,844	1,791	1,581	1,154	538	128	91
All races, male	721	537	498	550	693	911	960	970	802	586	360	129	28	62
All races, female	299	252	225	312	441	552	627	874	989	995	794	409	100	29
White, male	502	385	363	407	550	757	837	833	692	508	317	119	24	43
White, female	207	183	175	242	359	455	522	742	895	894	742	376	87	21
Black, male	210	142	125	133	137	149	118	127	104	74	41	10	3	18
Black, female	89	63	46	68	77	91	100	128	91	98	51	32	13	8
Supplementary classification of external causes of injury and poisoning (E800-E999)	9,640	7,231	6,068	5,917	6,255	6,507	6,466	6,803	6,218	4,833	2,608	1,004	180	240
All races, male	7,263	5,405	4,481	4,329	4,423	4,412	4,145	4,036	3,343	2,251	1,006	332	56	197
All races, female	2,377	1,826	1,587	1,588	1,832	2,095	2,321	2,767	2,875	2,582	1,602	672	124	43
White, male	5,676	4,310	3,608	3,590	3,698	3,763	3,661	3,597	3,042	2,035	940	290	45	152
White, female	1,920	1,530	1,318	1,327	1,569	1,788	2,052	2,463	2,628	2,353	1,492	623	103	30
Black, male	1,415	958	780	651	650	582	424	396	250	185	61	35	10	40
Black, female	376	249	216	222	222	267	242	266	215	209	98	44	17	12
Accidents and adverse effects (E800-E949)	5,314	4,021	3,473	3,585	3,967	4,258	4,556	5,159	5,097	4,226	2,419	947	172	123
All races, male	3,975	2,984	2,528	2,595	2,699	2,703	2,618	2,736	2,478	1,786	865	290	49	110
All races, female	1,339	1,037	945	990	1,268	1,553	1,938	2,423	2,619	2,440	1,554	657	123	13
White, male	3,182	2,346	1,992	2,102	2,200	2,259	2,272	2,394	2,222	1,600	805	255	41	90
White, female	1,075	856	775	812	1,081	1,318	1,709	2,166	2,405	2,236	1,446	611	103	8
Black, male	685	542	475	428	450	402	305	309	211	159	56	28	7	16
Black, female	213	150	131	153	161	204	208	225	192	187	97	41	16	5
Transport accidents (E800-E848)	3,118	2,308	2,001	1,830	1,888	1,822	1,817	1,671	1,299	667	191	43	5	49
All races, male	2,234	1,648	1,410	1,289	1,234	1,082	1,015	910	722	398	108	23	1	45
All races, female	884	660	591	541	654	740	802	761	577	269	93	20	4	4
White, male	1,853	1,363	1,154	1,077	1,044	941	902	814	662	368	98	20	1	40
White, female	745	569	510	466	574	655	742	709	544	261	76	19	4	3
Black, male	313	230	225	171	167	120	97	82	44	24	8	3	-	4
Black, female	108	72	53	57	59	64	50	36	27	7	4	-	-	1

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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	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)	608	1	3	-	3	2	9	8	18	55	83	81	69	58
All races, male	547	-	2	-	3	1	6	8	16	50	73	79	67	53
All races, female	61	1	1	-	-	1	3	-	2	5	10	2	2	5
White, male	427	-	2	-	1	1	4	6	9	37	61	66	53	31
White, female	49	-	1	-	-	-	1	-	2	5	9	1	1	5
Black, male	101	-	-	-	2	-	2	2	7	10	10	11	13	19
Black, female	11	1	-	-	-	1	2	-	-	-	1	1	1	-
Motor vehicle accidents (E810-E825)	47,575	216	291	263	226	225	1,221	1,123	1,143	6,242	6,699	5,730	4,539	3,469
All races, male	32,704	114	146	139	130	133	662	682	739	4,282	5,167	4,313	3,344	2,523
All races, female	14,871	102	145	124	96	92	559	441	404	1,980	1,532	1,417	1,195	946
White, male	27,621	80	107	104	105	101	497	517	618	3,777	4,391	3,645	2,778	2,046
White, female	12,870	73	119	94	64	71	421	341	348	1,817	1,310	1,188	979	772
Black, male	4,120	24	29	30	18	25	126	141	100	365	612	528	468	393
Black, female	1,491	24	13	20	22	15	94	86	37	108	169	185	166	117
Motor vehicle traffic accidents (E810-E819)	46,586	213	214	227	197	212	1,063	1,082	1,101	6,156	6,600	5,648	4,464	3,406
All races, male	31,955	113	106	122	113	125	579	659	703	4,188	5,078	4,238	3,278	2,471
All races, female	14,631	100	108	105	84	87	484	423	398	1,968	1,522	1,410	1,186	935
White, male	26,953	79	80	89	88	94	430	498	582	3,712	4,312	3,574	2,720	1,998
White, female	12,667	71	88	76	57	67	359	329	342	1,807	1,300	1,180	972	765
Black, male	4,076	24	24	29	18	24	119	140	100	360	605	527	466	390
Black, female	1,465	24	12	19	18	14	87	80	37	107	169	184	165	115
Involving collision with train (E810)	720	3	4	3	1	5	16	16	14	103	108	95	73	54
All races, male	471	2	4	-	1	2	9	5	10	60	75	64	52	38
All races, female	249	1	-	3	-	3	7	11	4	43	33	31	21	16
White, male	420	1	4	-	1	1	7	5	10	60	70	57	44	30
White, female	228	1	-	2	-	3	6	10	3	42	29	27	17	16
Black, male	48	1	-	-	-	1	2	-	-	-	5	6	7	8
Black, female	20	-	-	1	-	-	1	1	-	1	4	4	4	-
Involving collision with another motor vehicle (E811-E812)	17,822	105	65	68	81	63	382	289	315	2,134	2,247	2,005	1,627	1,307
All races, male	11,094	54	31	39	46	24	194	162	173	1,366	1,595	1,399	1,119	864
All races, female	6,728	51	34	29	35	39	188	127	142	768	652	616	508	443
White, male	9,653	37	23	29	40	22	151	141	149	1,200	1,367	1,206	957	712
White, female	5,973	39	29	24	26	30	148	104	122	719	568	521	434	373
Black, male	1,148	12	7	8	3	1	31	18	21	124	180	143	132	116
Black, female	572	8	2	4	4	5	23	18	14	29	62	81	60	53
Involving collision with pedestrian (E814)	6,957	6	82	87	69	78	322	432	243	333	502	589	601	539
All races, male	4,881	1	40	46	43	57	187	267	168	226	400	467	434	407
All races, female	2,076	5	42	41	26	21	135	165	75	107	102	122	167	132
White, male	3,654	1	31	33	31	35	131	180	123	191	319	358	306	269
White, female	1,638	4	34	28	16	15	97	117	58	84	78	89	120	85
Black, male	1,018	-	8	13	9	17	47	77	42	17	57	96	111	117
Black, female	334	1	5	10	8	6	30	43	14	17	22	28	39	29
Involving collision with other vehicle or object (E813,E815)	7,293	26	10	11	8	17	72	165	261	1,319	1,373	1,042	744	526
All races, male	5,598	18	7	7	6	12	50	127	195	986	1,132	831	581	424
All races, female	1,695	8	3	4	2	5	22	38	66	333	241	211	163	102
White, male	4,790	12	4	6	5	11	38	98	168	874	962	708	504	361
White, female	1,464	6	2	2	1	3	14	28	58	307	205	181	133	85
Black, male	699	5	3	1	1	1	11	28	23	93	142	105	71	56
Black, female	182	2	1	1	1	1	6	8	6	18	29	26	23	10
Not involving collision on highway (E816-E818)	8,870	43	36	42	26	27	174	112	184	1,550	1,603	1,332	961	670
All races, male	6,605	25	15	18	11	18	87	61	112	1,066	1,282	1,059	755	513
All races, female	2,265	18	21	24	15	9	87	51	72	484	321	273	206	157
White, male	5,647	17	12	13	8	16	66	45	94	950	1,085	898	636	441
White, female	1,950	11	16	17	11	7	62	44	62	447	270	229	171	134
Black, male	721	5	3	3	2	1	14	11	8	81	143	116	90	58
Black, female	193	7	3	3	3	2	18	5	3	22	34	25	20	13
Motor vehicle traffic accident of unspecified nature (E819)	4,924	30	17	16	12	22	97	68	84	717	767	585	458	310
All races, male	3,308	13	9	12	6	12	52	37	45	484	594	428	337	225
All races, female	1,618	17	8	4	6	10	45	31	39	233	173	157	121	85
White, male	2,789	11	6	8	3	9	37	29	38	437	499	347	279	185
White, female	1,414	10	7	3	3	9	32	26	39	208	150	133	97	72
Black, male	442	1	3	4	3	3	14	6	6	45	78	61	55	35
Black, female	164	6	1	-	2	-	9	5	-	20	18	20	19	10
Motor vehicle nontraffic accidents (E826-E825)	989	3	77	36	29	13	158	41	42	86	99	82	75	63
All races, male	749	1	40	17	17	8	83	23	36	74	89	75	66	52
All races, female	240	2	37	19	12	5	75	18	6	12	10	7	9	11
White, male	668	1	27	15	17	7	67	19	36	65	79	71	58	48
White, female	203	2	31	18	7	4	62	12	6	10	10	6	7	7
Black, male	44	-	5	1	-	1	7	1	-	5	7	1	2	3
Black, female	26	-	1	1	4	1	7	6	-	1	-	1	1	2
Other road vehicle accidents (E826-E829)	219	-	2	1	-	2	5	14	16	14	13	20	18	30
All races, male	149	-	-	-	-	1	1	9	8	8	8	13	12	20
All races, female	70	-	2	1	-	1	4	5	8	6	5	7	6	10
White, male	133	-	-	-	-	1	1	7	7	5	6	11	11	18
White, female	67	-	2	1	-	1	4	5	8	6	5	7	5	10
Black, male	8	-	-	-	-	-	-	1	1	-	-	1	-	2
Black, female	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Water transport accidents (E830-E838)	866	2	1	1	2	3	9	17	21	67	77	106	100	80
All races, male	775	1	-	-	1	2	4	11	19	58	64	99	91	69
All races, female	91	1	1	1	1	1	5	6	2	9	13	7	9	11
White, male	628	1	-	-	1	2	4	10	10	42	48	86	83	59
White, female	83	1	1	1	1	1	5	4	-	8	13	7	9	10
Black, male	117	-	-	-	-	-	-	1	8	7	12	10	7	6
Black, female	6	-	-	-	-	-	-	2	1	-	-	-	-	1

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	1,123	1	3	1	1	2	8	9	25	35	82	112	172	112
All races, male	907	1	3	-	-	2	6	7	12	23	61	98	145	87
All races, female	216	-	-	1	1	-	2	2	13	12	21	14	27	25
White, male	874	1	2	-	-	2	5	7	10	21	55	90	140	85
White, female	205	-	-	1	1	-	2	2	13	9	19	11	25	25
Black, male	13	-	-	-	-	-	-	-	-	1	2	3	3	1
Black, female	4	-	-	-	-	-	-	-	-	-	2	1	1	-
Vehicle accidents not elsewhere classifiable (E846-E848)	45	-	-	-	-	-	-	1	4	5	2	1	3	2
All races, male	29	-	-	-	-	-	-	1	3	4	2	1	2	2
All races, female	16	-	-	-	-	-	-	-	1	1	-	-	1	-
White, male	26	-	-	-	-	-	-	1	3	4	2	1	2	2
White, female	16	-	-	-	-	-	-	-	1	1	-	-	1	-
Black, male	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning (E850-E869)	6,524	22	27	9	12	7	77	17	27	202	435	850	1,196	1,153
All races, male	4,767	11	16	5	9	4	45	12	16	151	337	665	928	936
All races, female	1,757	11	11	4	3	3	32	5	11	51	98	185	268	217
White, male	3,699	4	9	4	7	3	27	11	13	126	264	538	746	711
White, female	1,344	5	6	1	1	2	15	3	7	44	77	132	200	130
Black, male	1,008	6	6	1	2	1	16	1	2	22	66	115	176	218
Black, female	382	6	4	3	2	1	16	2	2	5	19	51	86	84
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	5,035	19	14	3	2	5	43	5	8	98	341	707	1,034	1,024
All races, male	3,634	11	8	2	2	2	25	4	3	72	261	544	799	832
All races, female	1,401	8	6	1	-	3	18	1	5	26	80	163	235	192
White, male	2,789	4	4	1	2	2	13	4	3	52	197	443	640	629
White, female	1,073	4	3	1	-	2	10	1	3	21	62	117	170	115
Black, male	809	6	4	1	-	-	11	-	-	19	61	93	154	197
Black, female	308	4	2	-	-	1	7	-	1	3	17	45	64	76
Accidental poisoning by other solid or liquid substances (E860-E866)	568	1	8	1	2	-	12	1	5	26	22	36	78	56
All races, male	435	-	4	1	2	-	7	1	3	24	19	32	64	45
All races, female	133	1	4	-	-	-	5	-	2	2	3	4	14	11
White, male	320	-	2	1	1	-	4	-	1	23	14	23	48	35
White, female	96	-	2	-	-	-	2	-	2	2	2	3	12	6
Black, male	103	-	2	-	1	-	3	1	1	-	2	9	15	10
Black, female	33	1	2	-	-	-	3	-	-	-	-	1	1	4
Accidental poisoning by gases and vapors (E867-E869)	921	2	5	5	2	2	22	11	14	78	72	107	84	73
All races, male	698	-	4	2	5	2	13	7	10	55	57	89	65	59
All races, female	223	2	1	3	3	-	9	4	4	23	15	18	19	14
White, male	590	-	3	2	4	1	10	7	9	51	53	72	58	47
White, female	175	1	1	-	1	-	3	2	2	21	13	12	16	9
Black, male	96	-	-	-	1	1	2	-	1	3	3	13	7	11
Black, female	41	1	-	3	2	-	6	2	1	2	2	5	1	4
Misadventures during medical care, abnormal reactions, and late complications (E870-E879)	2,850	49	7	10	5	3	74	16	12	22	17	27	40	56
All races, male	1,355	29	4	8	3	2	46	8	7	13	12	16	22	28
All races, female	1,495	20	3	2	2	1	28	8	5	9	5	11	18	30
White, male	1,117	17	4	8	2	2	33	6	5	9	9	13	13	17
White, female	1,237	13	2	-	2	1	18	6	5	7	1	8	12	21
Black, male	225	10	-	-	1	-	11	2	2	3	3	3	9	9
Black, female	244	5	1	2	-	-	8	2	-	2	4	3	6	9
Accidental falls (E880-E888)	12,151	22	29	21	7	7	86	22	32	95	144	225	275	298
All races, male	6,302	9	21	13	5	3	51	16	27	83	128	198	236	254
All races, female	5,849	13	8	8	2	4	35	6	5	12	16	27	39	44
White, male	5,524	5	13	10	4	2	34	12	22	75	116	187	189	188
White, female	5,437	9	6	4	2	4	25	2	5	12	12	23	35	28
Black, male	659	3	4	3	1	1	12	3	5	4	10	24	58	58
Black, female	350	4	1	4	-	-	9	2	-	-	4	3	4	14
Fall from one level to another (E880-E884)	3,062	15	26	14	4	5	64	16	23	77	113	173	172	172
All races, male	2,167	6	20	9	3	3	41	11	19	67	103	155	152	151
All races, female	895	9	6	5	1	2	23	5	4	10	10	18	20	21
White, male	1,879	4	13	6	2	2	27	9	15	62	94	133	117	126
White, female	813	6	4	3	1	2	16	2	4	10	7	16	18	15
Black, male	244	1	3	3	1	1	9	2	4	3	8	16	28	19
Black, female	69	3	1	2	-	-	6	2	-	-	3	1	2	5
Fall on same level (E885-E886)	476	-	-	-	2	-	2	-	3	5	3	6	6	9
All races, male	253	-	-	-	2	-	2	-	2	4	2	4	3	8
All races, female	223	-	-	-	-	-	-	-	1	1	1	2	3	1
White, male	230	-	-	-	2	-	2	-	2	4	2	4	2	5
White, female	214	-	-	-	-	-	-	-	1	1	1	2	3	1
Black, male	17	-	-	-	-	-	-	-	-	-	-	-	1	2
Black, female	9	-	-	-	-	-	-	-	-	-	-	-	-	-
Fracture, cause unspecified, and other and unspecified falls (E887-E888)	8,613	7	3	7	1	2	20	6	6	13	28	46	97	117
All races, male	3,882	3	1	4	-	-	8	5	6	12	23	39	81	95
All races, female	4,731	4	2	3	1	2	12	1	-	1	5	7	16	22
White, male	3,415	1	-	4	-	-	5	3	5	9	20	30	50	57
White, female	4,410	3	2	1	1	2	9	-	-	1	4	5	14	12
Black, male	398	2	1	-	-	-	3	1	1	1	2	8	29	37
Black, female	272	1	-	2	-	-	3	-	-	-	1	2	2	9
Accidents caused by fire and flames (E890-E899)	4,716	108	146	169	165	128	716	298	169	126	183	265	276	241
All races, male	2,817	45	74	106	102	73	400	170	82	81	123	174	181	172
All races, female	1,899	63	72	63	63	55	316	128	87	45	60	91	95	69
White, male	1,903	24	41	66	68	41	240	107	54	70	93	122	126	118
White, female	1,256	26	39	42	38	22	167	84	54	30	44	64	60	45
Black, male	858	18	33	34	29	30	144	59	26	11	25	46	51	53
Black, female	609	37	31	18	22	30	138	43	30	13	12	27	34	24

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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 †	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)	18,209	575	383	264	186	156	1,564	538	557	1,033	1,100	1,237	1,221	1,035
All races, male	13,483	332	238	179	134	112	995	394	471	927	1,008	1,098	1,072	907
All races, female	4,726	243	145	85	52	44	569	144	86	106	92	139	149	128
White, male	10,675	202	182	143	99	91	717	286	328	713	784	890	855	721
White, female	3,834	153	118	76	42	35	424	92	57	83	65	103	119	105
Black, male	2,379	118	47	31	27	19	242	94	122	176	168	166	182	156
Black, female	788	79	25	8	7	7	126	43	25	20	18	29	25	18
Lightning (E907)	75	-	-	-	-	-	-	1	4	8	5	13	9	12
All races, male	65	-	-	-	-	-	-	1	3	6	5	12	9	10
All races, female	10	-	-	-	-	-	-	-	1	2	-	1	-	2
White, male	60	-	-	-	-	-	-	1	3	6	2	12	9	10
White, female	10	-	-	-	-	-	-	-	1	2	-	-	-	2
Black, male	3	-	-	-	-	-	-	-	-	-	2	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental drowning and submersion (E910)	4,015	93	232	166	104	81	676	259	222	402	383	354	340	263
All races, male	3,249	64	142	122	79	57	464	190	186	371	355	307	294	232
All races, female	766	29	90	44	25	24	212	69	36	31	28	47	46	31
White, male	2,434	44	120	100	61	51	376	124	91	285	270	226	214	175
White, female	612	23	79	42	22	20	186	35	22	23	21	35	36	26
Black, male	664	19	16	17	12	5	69	59	79	86	64	62	73	44
Black, female	133	5	9	1	3	3	21	29	14	8	5	10	10	4
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3,578	162	58	28	14	5	267	36	11	31	34	55	71	78
All races, male	1,862	91	41	17	7	4	160	19	8	16	26	38	46	55
All races, female	1,716	71	17	11	7	1	107	17	3	15	8	17	25	23
White, male	1,472	54	21	9	4	3	91	13	4	14	17	26	37	38
White, female	1,431	45	10	8	3	-	66	10	1	13	4	14	20	18
Black, male	351	34	19	8	3	1	65	6	4	2	8	10	6	15
Black, female	266	23	7	3	2	1	36	7	2	2	4	3	4	4
Accident caused by handgun (E922.0)	231	1	1	3	1	4	10	7	29	58	34	28	16	11
All races, male	207	1	1	2	-	2	6	5	26	55	31	26	14	11
All races, female	24	-	-	1	1	2	4	2	3	3	3	2	2	-
White, male	173	1	1	2	-	2	6	3	22	43	23	22	14	10
White, female	22	-	-	1	-	2	3	1	3	3	3	2	2	-
Black, male	29	-	-	-	-	-	1	4	10	6	4	-	-	1
Black, female	2	-	-	-	1	-	1	1	-	-	-	-	-	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	1,258	3	2	9	8	10	32	52	143	236	188	115	115	79
All races, male	1,110	3	-	4	5	9	21	44	128	213	172	101	102	65
All races, female	148	-	2	5	3	1	11	8	15	23	16	14	13	14
White, male	850	1	-	3	1	5	10	36	105	152	110	79	75	50
White, female	108	-	1	3	2	1	7	4	11	17	11	11	11	10
Black, male	217	2	-	1	3	4	10	6	19	53	49	16	23	12
Black, female	28	-	1	2	-	-	3	2	4	4	3	2	1	3
Accident caused by explosive material (E923)	238	-	-	-	-	-	-	3	4	8	12	31	40	26
All races, male	215	-	-	-	-	-	-	1	2	8	11	30	39	24
All races, female	23	-	-	-	-	-	-	2	2	-	1	1	1	2
White, male	198	-	-	-	-	-	-	1	2	8	10	30	37	20
White, female	18	-	-	-	-	-	-	2	1	-	-	-	1	2
Black, male	16	-	-	-	-	-	-	-	-	-	1	-	2	3
Black, female	3	-	-	-	-	-	-	-	-	-	1	1	-	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	142	6	9	2	2	-	19	2	-	1	1	7	5	-
All races, male	77	3	3	2	2	-	10	1	-	1	1	4	3	-
All races, female	65	3	6	-	-	-	9	1	-	-	-	3	2	-
White, male	62	2	2	1	-	-	7	1	-	1	1	4	3	-
White, female	50	3	3	-	-	-	6	1	-	-	-	2	2	-
Black, male	14	1	1	-	1	-	3	-	-	-	-	-	-	-
Black, female	13	-	3	-	-	-	3	-	-	-	-	-	-	-
Accident caused by electric current (E925)	702	5	3	9	3	4	24	17	15	52	88	105	111	82
All races, male	656	2	3	6	-	1	12	11	13	51	83	102	110	77
All races, female	46	3	-	3	3	3	12	6	2	1	5	3	1	5
White, male	579	1	3	5	-	-	9	9	10	47	72	94	98	68
White, female	43	3	-	3	3	2	11	6	1	1	4	3	1	5
Black, male	68	1	-	1	-	1	3	2	3	3	7	7	11	9
Black, female	2	-	-	-	-	-	-	-	-	1	-	-	-	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	7,970	305	78	47	54	52	536	161	129	237	355	529	514	484
All races, male	6,042	168	48	26	41	39	322	122	105	206	324	478	455	433
All races, female	1,928	137	30	21	13	13	214	39	24	31	31	51	59	51
White, male	4,848	99	35	22	32	30	218	98	91	177	279	397	368	350
White, female	1,540	79	25	19	12	10	145	33	17	24	22	35	46	42
Black, male	1,017	61	11	4	8	8	92	20	13	22	31	67	67	72
Black, female	341	51	5	2	1	3	62	4	4	6	4	13	10	7
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	142	-	-	1	-	-	1	1	2	3	4	6	5	7
All races, male	77	-	-	1	-	-	1	-	-	1	3	5	2	4
All races, female	65	-	-	-	-	-	-	-	2	2	1	1	3	3
White, male	63	-	-	-	-	-	-	-	-	-	2	5	2	2
White, female	50	-	-	-	-	-	-	1	2	2	1	1	2	1
Black, male	13	-	-	-	-	-	-	-	-	1	1	-	-	2
Black, female	15	-	-	-	-	-	-	-	-	-	-	-	1	2
Suicide (E950-E959)	30,232	...	...	...	...	...	...	4	236	2,009	2,861	3,299	3,266	2,937
All races, male	24,102	...	...	...	...	...	...	3	181	1,637	2,469	2,742	2,597	2,301
All races, female	6,130	...	...	...	...	...	...	1	55	372	392	557	669	636
White, male	21,858	...	...	...	...	...	...	1	151	1,424	2,074	2,368	2,254	2,062
White, female	5,566	1	45	319	325	479	596	566
Black, male	1,771	2	23	144	303	285	294	196
Black, female	382	-	9	31	47	55	55	48

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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)	920	806	696	814	839	976	944	1,125	1,110	905	503	204	36	46
All races, male	767	688	575	652	646	719	620	660	567	415	181	62	16	43
All races, female	153	118	121	162	193	257	324	465	543	490	322	142	20	3
White, male	619	544	447	515	505	582	526	554	481	358	158	48	11	34
White, female	114	89	91	122	150	213	273	408	478	424	285	123	15	1
Black, male	121	124	110	119	125	125	86	99	73	48	23	10	4	6
Black, female	30	25	28	39	41	42	46	53	61	62	33	17	5	2
Lightning (E907)	8	4	3	1	3	2	1	-	1	-	-	-	-	-
All races, male	8	3	3	1	1	2	-	-	1	-	-	-	-	-
All races, female	-	1	-	-	2	-	1	-	-	-	-	-	-	-
White, male	7	3	2	1	1	2	-	-	1	-	-	-	-	-
White, female	-	1	-	-	2	-	1	-	-	-	-	-	-	-
Black, male	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental drowning and submersion (E910)	189	146	106	103	89	133	89	90	72	46	14	9	-	30
All races, male	158	124	82	82	75	102	59	58	40	28	8	6	-	28
All races, female	31	22	24	21	14	31	30	32	32	18	6	3	-	2
White, male	127	96	59	60	64	83	55	50	38	23	7	5	-	26
White, female	24	17	20	17	12	26	28	29	31	15	5	3	-	1
Black, male	24	23	18	20	9	17	3	6	2	4	1	-	-	1
Black, female	6	3	3	4	2	5	1	3	1	3	-	-	-	1
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	78	101	90	151	186	271	329	407	492	467	284	119	20	-
All races, male	47	64	65	88	110	170	191	208	222	199	91	34	7	-
All races, female	31	37	25	63	76	101	138	201	270	268	193	85	13	-
White, male	39	48	51	65	86	134	162	172	188	174	82	26	5	-
White, female	21	26	15	45	58	84	113	184	237	238	181	74	9	-
Black, male	5	13	12	22	22	34	26	32	32	20	9	6	2	-
Black, female	9	11	10	17	17	17	23	15	32	28	11	10	4	-
Accident caused by handgun (E922.0)	5	7	5	5	6	3	4	1	2	-	-	-	-	-
All races, male	4	5	5	4	5	3	4	1	2	-	-	-	-	-
All races, female	1	2	-	1	1	-	-	-	-	-	-	-	-	-
White, male	2	5	5	4	5	3	3	1	2	-	-	-	-	-
White, female	1	2	-	1	1	-	-	-	-	-	-	-	-	-
Black, male	2	-	-	-	-	-	1	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidents caused by all other and unspecified firearms (E922.1-E922.9)	52	57	27	37	25	39	20	21	10	7	-	1	-	2
All races, male	43	53	23	34	19	37	16	19	10	7	-	1	-	2
All races, female	9	4	4	3	6	2	4	2	-	-	-	-	-	-
White, male	34	48	22	29	17	33	15	18	9	6	-	1	-	1
White, female	6	2	4	2	5	2	3	2	-	-	-	-	-	-
Black, male	8	5	1	4	2	4	1	1	1	1	-	-	-	1
Black, female	2	1	-	1	1	-	1	-	-	-	-	-	-	-
Accident caused by explosive material (E923)	27	21	14	10	13	16	3	6	2	1	-	1	-	-
All races, male	26	20	9	10	11	16	2	5	1	1	-	-	-	-
All races, female	1	1	5	-	2	-	1	1	1	1	-	1	-	-
White, male	23	19	7	8	10	16	2	4	1	-	-	-	-	-
White, female	-	1	4	-	2	-	1	1	1	1	-	1	-	-
Black, male	3	1	2	2	1	-	-	1	-	-	-	-	-	-
Black, female	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)	4	5	6	2	8	8	17	16	17	15	7	2	-	-
All races, male	3	5	5	1	6	8	10	5	5	4	5	-	-	-
All races, female	1	-	1	1	2	-	7	11	12	11	2	2	-	-
White, male	2	3	5	1	5	6	7	5	4	3	-	-	-	-
White, female	-	-	1	1	1	-	5	10	10	9	1	1	-	-
Black, male	1	2	-	-	1	1	3	-	1	-	2	-	-	-
Black, female	1	-	-	-	1	-	2	1	2	2	-	1	-	-
Accident caused by electric current (E925)	52	41	30	36	14	15	6	8	3	1	2	-	-	-
All races, male	50	39	28	34	14	13	6	7	3	1	2	-	-	-
All races, female	2	2	2	2	-	2	-	1	-	-	-	-	-	-
White, male	45	36	19	31	12	12	6	6	3	1	1	-	-	-
White, female	2	2	2	2	-	2	-	1	-	-	-	-	-	-
Black, male	5	3	7	3	2	1	-	1	-	-	1	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other accidents and late effects of accidental injury (E900-E906,E908-E909, E913-E921,E927-E929)	505	424	415	469	495	489	475	576	511	368	196	72	16	14
All races, male	428	375	355	398	405	368	332	359	283	176	75	21	9	13
All races, female	77	49	60	71	90	121	143	217	228	192	121	51	7	1
White, male	340	286	277	316	305	293	276	298	235	150	65	16	6	7
White, female	60	38	45	54	69	99	122	181	199	161	98	44	6	-
Black, male	73	77	69	68	88	68	52	58	37	23	10	4	2	4
Black, female	12	10	14	17	20	20	19	34	26	29	22	6	1	1
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	7	10	6	10	14	17	15	10	14	5	4	-	-	1
All races, male	3	3	3	9	10	9	11	4	5	1	2	-	-	1
All races, female	4	7	3	1	4	8	4	6	9	4	2	-	-	-
White, male	3	1	3	6	9	8	10	4	5	1	2	-	-	-
White, female	3	5	3	1	3	5	3	5	7	4	1	-	-	-
Black, male	-	2	-	3	1	1	1	-	-	-	-	-	-	1
Black, female	1	2	-	-	1	3	1	1	2	-	1	-	-	-
Suicide (E950-E959)	2,394	1,954	1,688	1,650	1,692	1,742	1,533	1,349	910	499	152	40	3	14
All races, male	1,802	1,455	1,256	1,222	1,288	1,383	1,292	1,132	763	411	123	30	3	12
All races, female	592	499	432	428	404	359	241	217	147	88	29	10	-	2
White, male	1,647	1,361	1,188	1,167	1,217	1,304	1,239	1,100	744	398	119	28	2	10
White, female	542	469	400	406	377	398	234	208	136	84	29	10	-	2
Black, male	132	74	54	47	54	64	40	27	14	10	3	2	1	2
Black, female	36	20	24	13	16	16	3	4	4	1	-	-	-	-

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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 †	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)	350	285	193	195	135	134	85	81	51	36	12	2	-	3
All races, male	181	129	84	74	48	47	33	24	16	16	2	2	-	3
All races, female	189	156	109	121	87	87	52	57	35	20	10	-	-	-
White, male	151	127	84	71	48	44	32	23	16	16	2	2	-	3
White, female	176	149	99	116	84	86	52	56	33	19	10	-	-	-
Black, male	7	2	-	2	-	2	1	1	-	-	-	-	-	-
Black, female	11	6	8	2	-	1	-	-	-	-	-	-	-	-
Suicide by other solid or liquid substances (E950.6-E950.9)	26	14	19	16	14	8	8	6	6	1	2	3	-	-
All races, male	19	9	11	10	8	4	6	4	4	1	1	1	-	-
All races, female	7	5	8	6	6	4	2	2	2	-	1	2	-	-
White, male	17	7	8	10	7	4	6	3	4	1	1	1	-	-
White, female	7	5	7	6	6	4	2	2	1	-	1	2	-	-
Black, male	1	2	3	-	1	-	-	-	-	-	-	-	-	-
Black, female	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Suicide by gases and vapors (E951-E952)	231	191	181	129	112	99	80	69	54	23	13	-	-	3
All races, male	170	139	106	93	87	62	61	52	46	19	12	-	-	2
All races, female	61	52	75	36	25	37	19	17	8	4	1	-	-	1
White, male	164	136	105	93	84	62	59	52	46	19	12	-	-	2
White, female	60	51	73	38	22	37	19	17	8	4	1	-	-	1
Black, male	6	3	1	-	2	-	1	-	-	-	-	-	-	-
Black, female	1	1	1	-	2	-	-	-	-	-	-	-	-	-
Suicide by hanging, strangulation, and suffocation (E953)	293	204	155	186	202	192	169	146	123	94	27	9	-	4
All races, male	251	165	123	139	141	135	123	110	88	60	17	5	-	4
All races, female	42	39	32	47	61	57	46	36	35	34	10	4	-	-
White, male	222	154	109	135	127	122	115	106	86	56	16	5	-	3
White, female	36	34	27	43	52	51	42	32	32	32	10	4	-	-
Black, male	21	6	7	3	5	5	4	1	-	1	-	-	-	1
Black, female	2	1	2	-	1	4	-	-	-	-	-	-	-	-
Suicide by handgun (E955.0)	241	192	193	183	183	220	217	175	105	55	19	5	-	-
All races, male	182	148	159	148	148	178	181	155	97	51	19	5	-	-
All races, female	59	44	34	35	35	42	36	20	8	4	-	-	-	-
White, male	172	142	153	138	144	169	175	153	94	50	19	4	-	-
White, female	56	43	32	35	33	42	35	18	8	4	-	-	-	-
Black, male	8	5	6	9	4	9	5	2	3	1	-	1	-	-
Black, female	2	1	1	-	2	-	2	-	-	-	-	-	-	-
Suicide by all other and unspecified firearms (E955.1-E955.4)	1,090	917	842	840	910	971	876	780	497	243	65	16	3	1
All races, male	897	768	705	697	772	878	819	728	464	234	62	14	3	-
All races, female	193	149	137	143	138	93	57	52	33	9	3	2	-	1
White, male	819	713	669	668	730	830	792	708	454	227	59	13	2	-
White, female	175	144	130	133	131	84	55	52	30	8	3	2	-	1
Black, male	70	46	33	26	37	44	24	20	10	7	3	1	1	-
Black, female	15	4	7	9	7	8	2	-	3	1	-	-	-	-
Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)	163	151	105	101	136	118	98	92	74	47	14	5	-	3
All races, male	122	97	68	61	84	79	69	59	48	30	10	3	-	3
All races, female	41	54	37	40	52	39	29	33	26	17	4	2	-	-
White, male	102	82	60	52	77	73	60	55	44	29	10	3	-	2
White, female	32	43	32	37	49	34	29	31	24	17	4	2	-	-
Black, male	19	10	4	7	5	4	5	3	1	1	-	-	-	1
Black, female	5	7	4	2	2	3	-	2	-	-	-	-	-	-
Homicide and legal intervention (E960-E976)	1,682	1,092	793	564	521	422	318	241	168	89	27	10	4	83
All races, male	1,299	855	620	429	387	274	198	137	77	43	12	7	3	55
All races, female	383	237	173	135	134	148	120	104	91	46	15	3	1	28
White, male	712	524	375	264	240	161	119	78	52	26	10	2	1	38
White, female	237	161	117	79	86	100	88	74	72	25	14	1	-	20
Black, male	549	312	228	153	141	105	73	55	24	16	2	5	2	16
Black, female	111	70	51	51	44	44	30	29	17	21	1	2	1	7
Assault by handgun (E965.0)	95	66	40	27	17	19	14	10	4	2	1	-	-	1
All races, male	69	49	35	20	12	12	5	5	2	1	-	-	-	-
All races, female	26	17	5	7	5	7	9	5	2	1	1	-	-	1
White, male	39	31	21	10	6	5	3	3	1	1	-	-	-	-
White, female	19	13	3	7	2	6	8	5	2	-	1	-	-	1
Black, male	27	17	14	9	6	6	2	2	1	-	-	-	-	-
Black, female	6	4	2	-	3	-	-	-	-	1	-	-	-	-
Assault by all other and unspecified firearms (E965.1-E965.4)	946	579	401	269	237	172	112	68	39	12	4	2	1	30
All races, male	770	465	320	205	185	124	81	41	22	7	1	2	1	24
All races, female	176	114	81	64	52	48	31	27	17	5	3	-	-	6
White, male	435	279	199	130	107	71	49	23	13	4	1	-	-	15
White, female	116	81	53	40	36	35	25	20	17	3	3	-	-	5
Black, male	314	178	112	70	74	50	30	18	9	3	-	2	1	9
Black, female	53	31	27	21	15	11	5	7	-	2	-	-	-	-
Assault by cutting and piercing instrument (E966)	304	226	150	121	113	100	75	53	35	12	4	2	1	14
All races, male	240	182	123	95	86	62	42	28	17	5	3	2	1	11
All races, female	64	44	27	26	27	38	33	25	18	7	1	-	-	3
White, male	108	104	58	47	51	34	23	12	2	3	1	-	-	4
White, female	37	29	18	7	15	19	18	15	11	3	1	-	-	1
Black, male	126	74	61	45	35	27	18	14	5	3	-	1	1	7
Black, female	24	14	8	18	12	18	15	9	6	4	-	-	-	2
Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)	281	200	187	138	149	130	116	109	88	63	18	6	2	36
All races, male	186	139	127	100	99	75	69	62	35	30	8	3	1	18
All races, female	95	61	60	38	50	55	47	47	53	33	10	3	1	18
White, male	105	92	83	71	72	50	43	40	25	19	6	1	1	17
White, female	64	38	43	25	33	40	37	34	41	19	9	1	-	13
Black, male	73	41	40	26	25	22	23	20	9	10	2	2	-	-
Black, female	27	20	14	12	14	15	10	13	11	14	1	2	1	5

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Table 1-27. Deaths From 282 Selected Causes, by 5-Year Age Groups, Race, and Sex: United States, 1989—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 †	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 (E878)	7	-	1	-	-	-	-	-	-	-	-	-	-	-
All races, male	7	-	1	-	-	-	-	-	-	-	-	-	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	4	-	1	-	-	-	-	-	-	-	-	-	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other legal intervention and late effects of injury due to legal intervention (E870-E877)	29	21	14	9	5	1	1	1	2	-	-	-	-	2
All races, male	27	20	14	9	5	1	1	1	1	-	-	-	-	2
All races, female	2	1	-	-	-	-	-	-	1	-	-	-	-	-
White, male	21	18	13	6	4	1	1	-	1	-	-	-	-	2
White, female	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Black, male	6	2	1	3	1	-	-	1	-	-	-	-	-	-
Black, female	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Injury undetermined whether accidentally or purposely inflicted (E880-E889)	269	164	112	118	72	83	59	53	43	19	10	6	1	20
All races, male	186	111	75	83	46	48	37	30	25	11	6	4	1	20
All races, female	83	53	37	35	26	35	22	23	18	8	4	2	-	-
White, male	134	79	52	57	38	36	31	24	24	11	6	4	1	14
White, female	66	44	26	30	25	32	21	15	15	8	3	1	-	-
Black, male	49	30	22	23	5	10	6	5	1	-	-	-	-	6
Black, female	16	9	10	5	1	3	1	8	2	-	-	1	-	-
From poisoning by drugs, medications, and biologicals (E900.0-E980.5)	162	81	37	43	26	23	13	12	5	3	2	1	-	5
All races, male	111	49	21	26	10	8	4	4	-	1	1	1	-	5
All races, female	51	32	16	17	16	15	9	8	5	2	1	-	-	-
White, male	80	37	13	19	8	7	4	3	-	1	1	1	-	4
White, female	40	28	13	17	16	14	9	7	4	2	1	-	-	-
Black, male	31	12	7	7	1	1	-	1	-	-	-	-	-	1
Black, female	11	4	3	-	-	1	-	1	-	-	-	-	-	-
From poisoning by other solid or liquid substances (E980.6-E980.9)	7	1	1	2	1	3	1	1	2	-	-	-	-	-
All races, male	6	1	1	2	1	2	1	1	2	-	-	-	-	-
All races, female	1	-	-	-	-	1	-	-	-	-	-	-	-	-
White, male	5	1	1	2	1	1	1	1	2	-	-	-	-	-
White, female	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
From injury by handgun (E985.0)	2	1	4	1	4	-	2	1	-	-	-	-	-	-
All races, male	1	1	4	1	2	-	2	1	-	-	-	-	-	-
All races, female	1	-	-	-	2	-	-	-	-	-	-	-	-	-
White, male	1	1	4	-	2	-	2	1	-	-	-	-	-	-
White, female	1	-	-	-	2	-	-	-	-	-	-	-	-	-
Black, male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
From injury by all other and unspecified firearms (E985.1-E985.4)	18	18	9	11	11	8	10	4	8	-	-	-	-	-
All races, male	13	14	8	7	8	8	8	3	8	-	-	-	-	-
All races, female	5	4	1	4	3	-	2	1	-	-	-	-	-	-
White, male	8	14	5	6	7	8	7	3	8	-	-	-	-	-
White, female	4	3	1	4	3	-	2	-	-	-	-	-	-	-
Black, male	5	-	3	1	-	-	1	-	-	-	-	-	-	-
Black, female	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)	80	63	61	61	30	49	33	35	28	16	8	5	1	15
All races, male	55	46	41	47	25	30	22	21	15	10	5	3	1	15
All races, female	25	17	20	14	5	19	11	14	13	6	3	2	-	-
White, male	40	26	29	30	20	20	17	16	14	10	5	3	1	10
White, female	20	13	12	9	4	17	10	8	11	6	2	1	-	-
Black, male	13	18	12	15	4	9	5	4	1	-	-	-	-	5
Black, female	4	4	7	5	1	2	1	6	2	-	-	1	-	-
Injury resulting from operations of war (E990-E999)	1	-	2	-	3	4	-	1	-	-	-	1	-	-
All races, male	1	-	2	-	3	4	-	1	-	-	-	1	-	-
All races, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White, male	1	-	1	-	3	3	-	1	-	-	-	1	-	-
White, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black, male	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Black, female	-	-	-	-	-	-	-	-	-	-	-	-	-	-

† Totals for causes of death include races other than white and black.

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Table 1-28. Number and Percent of Deaths for Which Autopsies Were Reported, by 10-Year Age Groups, Race, and Sex: United States, 1989

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	247,251	17,482	3,758	4,069	21,642	31,507	31,772	27,152	33,939	38,949	27,259	9,352	370
Male	167,659	10,192	2,167	2,546	16,618	23,669	23,484	19,521	23,890	25,616	15,381	4,290	285
Female	79,592	7,290	1,591	1,523	5,024	7,838	8,288	7,631	10,049	13,333	11,878	5,062	85
White	191,568	11,520	2,504	2,836	14,914	21,891	22,787	20,815	27,874	33,590	24,231	8,348	258
Male	129,286	6,841	1,470	1,778	11,217	16,571	17,026	15,013	19,674	22,052	13,635	3,808	201
Female	62,282	4,679	1,034	1,058	3,697	5,320	5,761	5,802	8,200	11,538	10,596	4,540	57
All other	55,683	5,962	1,254	1,233	6,728	9,616	8,985	6,337	6,065	5,359	3,028	1,004	112
Male	38,373	3,351	697	768	5,401	7,098	6,458	4,508	4,216	3,564	1,746	482	84
Female	17,310	2,611	557	465	1,327	2,518	2,527	1,829	1,849	1,795	1,282	522	28
Black	50,166	5,344	1,078	1,060	6,037	8,789	8,215	5,736	5,459	4,841	2,641	863	103
Male	34,660	2,990	605	668	4,883	6,497	5,934	4,098	3,811	3,206	1,489	403	76
Female	15,506	2,354	473	392	1,154	2,292	2,281	1,638	1,648	1,635	1,152	460	27
Percent													
All races	11.5	44.1	51.5	45.6	59.3	52.1	39.3	23.0	13.1	8.1	4.5	2.0	65.8
Male	15.0	45.6	52.7	46.9	61.2	53.6	42.4	26.1	15.0	9.2	5.3	2.9	70.4
Female	7.7	42.2	50.0	43.6	53.9	47.9	32.4	17.6	10.0	6.6	3.9	1.6	54.1
White	10.3	44.7	48.8	42.6	54.9	50.5	38.7	22.7	12.9	8.0	4.5	2.0	67.2
Male	13.6	46.3	50.5	43.6	56.1	51.6	41.9	25.8	14.7	9.0	5.2	2.8	71.5
Female	6.9	42.4	46.5	41.0	51.6	47.3	31.4	17.3	10.0	6.6	3.9	1.6	55.3
All other	18.8	43.0	58.1	54.6	72.3	56.1	40.9	23.8	13.6	8.5	5.0	2.8	62.9
Male	23.5	44.1	58.1	56.9	75.5	59.1	43.9	27.0	16.1	10.3	6.1	3.7	67.7
Female	13.0	41.7	58.1	51.0	61.5	49.2	34.8	18.4	10.0	6.4	4.1	2.3	51.9
Black	18.7	42.7	58.9	55.2	74.0	56.2	40.9	23.8	13.5	8.5	4.9	2.7	61.7
Male	23.7	43.7	59.3	57.5	77.5	59.2	43.9	27.0	16.0	10.3	5.9	3.6	66.1
Female	12.8	41.4	58.5	51.7	62.2	49.2	34.8	18.3	9.8	6.4	4.0	2.2	51.9

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Table 1-29. Deaths From 72 Selected Causes, by Number and Percent for Which Autopsies Were Reported and Sex: United States, 1989

[Numbers after causes of death are 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	2,150,466	1,114,190	1,036,276	247,251	11.5	167,659	15.0	79,592	7.7
Shigellosis and amebiasis (004,006)	20	9	11	7	*	3	*	4	*
Certain other intestinal infections (007-009)	339	172	167	76	22.4	44	25.6	32	19.2
Tuberculosis (010-018)	1,970	1,284	686	340	17.3	243	18.9	97	14.1
Tuberculosis of respiratory system (010-012)	1,536	1,042	494	227	14.8	173	16.6	54	10.9
Other tuberculosis (013-018)	434	242	192	113	26.0	70	28.9	43	22.4
Whooping cough (033)	12	4	8	7	*	3	*	4	*
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	17	6	11	9	*	4	*	5	*
Meningococcal infection (036)	273	127	146	139	50.9	65	51.2	74	50.7
Septicemia (038)	19,333	8,489	10,844	1,676	8.7	944	11.1	732	6.8
Acute poliomyelitis (045)	-	-	-	-	*	-	*	-	*
Measles (055)	32	16	16	16	*	10	*	6	*
Viral hepatitis (070)	1,516	906	610	245	16.2	148	16.3	97	15.9
Syphilis (090-097)	105	65	40	26	24.8	18	*	8	*
All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,*042-*044,046-054,056-066,071-088,098-139)	29,234	23,738	5,496	3,910	13.4	3,004	12.7	906	16.5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	496,152	263,309	232,843	19,101	3.8	12,185	4.6	6,916	3.0
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	8,104	5,340	2,764	268	3.3	210	3.9	58	2.1
Malignant neoplasms of digestive organs and peritoneum (150-159)	119,663	63,209	56,454	4,031	3.4	2,639	4.2	1,392	2.5
Malignant neoplasms of respiratory and intrathoracic organs (160-185)	142,281	92,914	49,367	5,320	3.7	4,063	4.4	1,257	2.5
Malignant neoplasm of breast (174-175)	43,138	301	42,837	955	2.2	9	*	946	2.2
Malignant neoplasms of genital organs (179-187)	54,952	31,141	23,811	1,389	2.5	726	2.3	663	2.8
Malignant neoplasms of urinary organs (188-189)	20,233	12,976	7,257	617	3.0	442	3.4	175	2.4
Malignant neoplasms of all other and unspecified sites (170-173,190-199)	61,030	32,627	28,403	2,957	4.8	1,836	5.6	1,121	3.9
Leukemia (204-208)	18,246	10,039	8,207	1,538	8.4	994	9.9	544	6.6
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	28,505	14,762	13,743	2,026	7.1	1,266	8.6	760	5.5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6,701	3,048	3,653	612	9.1	325	10.7	287	7.9
Diabetes mellitus (250)	46,833	19,730	27,103	2,158	4.6	1,207	6.1	951	3.5
Nutritional deficiencies (260-269)	3,046	1,098	1,948	151	5.0	71	6.5	80	4.1
Anemias (280-285)	3,993	1,688	2,305	432	10.8	228	13.5	204	8.9
Meningitis (320-322)	1,068	588	480	357	33.4	220	37.4	137	28.5
Major cardiovascular diseases (390-448)	931,838	450,995	480,843	67,874	7.3	45,162	10.0	22,712	4.7
Diseases of heart (390-398,402,404-429)	733,867	368,202	365,665	57,359	7.8	38,964	10.6	18,395	5.0
Rheumatic fever and rheumatic heart disease (390-398)	6,087	1,877	4,210	833	13.7	346	18.4	487	11.6
Hypertensive heart disease (402)	20,963	8,923	12,040	2,371	11.3	1,541	17.3	830	6.9
Hypertensive heart and renal disease (404)	2,385	954	1,431	127	5.3	82	8.6	45	3.1
Ischemic heart disease (410-414)	498,021	257,524	240,497	36,258	7.3	25,681	10.0	10,577	4.4
Acute myocardial infarction (410)	246,950	134,298	112,652	18,612	7.5	13,025	9.7	5,587	5.0
Other acute and subacute forms of ischemic heart disease (411)	3,376	1,902	1,474	336	10.0	234	12.3	102	6.9
Angina pectoris (413)	1,066	474	592	32	3.0	25	5.3	7	*
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	246,629	120,850	125,779	17,278	7.0	12,397	10.3	4,881	3.9
Other diseases of endocardium (424)	12,185	5,300	6,885	1,249	10.3	763	14.4	466	7.1
All other forms of heart disease (415-423,425-429)	194,226	93,624	100,602	16,521	8.5	10,551	11.3	5,970	5.9
Hypertension with or without renal disease (401,403)	8,766	3,771	4,995	351	4.0	201	5.3	150	3.0
Cerebrovascular diseases (430-438)	145,551	57,321	88,230	5,333	3.7	2,879	5.0	2,454	2.8
Intracerebral and other intracranial hemorrhage (431-432)	20,679	9,471	11,208	1,605	7.8	932	9.8	673	6.0
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434,0,434.9)	19,789	7,656	12,143	666	3.4	378	4.9	288	2.4
Cerebral embolism (434.1)	681	257	424	33	4.8	11	*	22	5.2
All other and late effects of cerebrovascular diseases (430,433,435-438)	104,392	39,937	64,455	3,029	2.9	1,558	3.9	1,471	2.3
Atherosclerosis (440)	19,357	7,254	12,103	541	2.8	312	4.3	229	1.9
Other diseases of arteries, arterioles, and capillaries (441-448)	24,297	14,447	9,850	4,290	17.7	2,806	19.4	1,484	15.1
Acute bronchitis and bronchiolitis (466)	633	288	345	148	23.4	89	30.9	59	17.1
Pneumonia and influenza (480-487)	76,550	35,701	40,849	6,050	7.9	3,782	10.6	2,268	5.6
Pneumonia (480-486)	74,957	35,151	39,806	5,968	8.0	3,746	10.7	2,222	5.6
Influenza (487)	1,593	550	1,043	82	5.1	36	6.5	46	4.4
Chronic obstructive pulmonary diseases and allied conditions (490-496)	84,344	48,178	36,166	4,137	4.9	2,696	5.6	1,441	4.0
Bronchitis, chronic and unspecified (490-491)	3,759	1,956	1,803	250	6.7	158	8.1	92	5.1
Emphysema (492)	15,467	9,294	6,173	1,018	6.6	740	8.0	278	4.5
Asthma (493)	4,869	1,848	3,021	799	16.4	375	20.3	424	14.0
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	60,249	35,080	25,169	2,070	3.4	1,423	4.1	647	2.6
Ulcer of stomach and duodenum (531-533)	6,455	3,145	3,310	1,140	17.7	694	22.1	446	13.5
Appendicitis (540-543)	451	237	214	134	29.7	80	33.8	54	25.2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,530	2,047	3,483	715	12.9	358	17.5	357	10.2
Chronic liver disease and cirrhosis (571)	26,694	17,310	9,384	4,777	17.9	3,366	19.4	1,411	15.0
Cholelithiasis and other disorders of gallbladder (574-575)	3,048	1,336	1,712	395	13.0	229	17.1	166	9.7
Nephritis, nephrotic syndrome, and nephrosis (580-589)	21,118	10,320	10,798	1,065	5.0	653	6.3	412	3.8
Acute glomerulonephritis and nephrotic syndrome (580-581)	310	160	150	42	13.5	26	16.3	16	*
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	1,517	733	784	120	7.9	81	11.1	39	5.0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	19,291	9,427	9,864	903	4.7	546	5.8	357	3.6
Infections of kidney (590)	1,414	435	979	216	15.3	83	19.1	133	13.6
Hyperplasia of prostate (600)	449	449	...	43	9.6	43	9.6	...	...
Complications of pregnancy, childbirth, and the puerperium (630-676)	320	...	320	203	63.4	...	...	203	63.4
Pregnancy with abortive outcome (630-638)	50	...	50	35	70.0	...	...	35	70.0
Other complications of pregnancy, childbirth, and the puerperium (640-676)	270	...	270	168	62.2	...	...	168	62.2
Congenital anomalies (740-759)	12,897	6,812	6,085	4,736	36.7	2,706	39.7	2,030	33.4
Certain conditions originating in the perinatal period (760-779)	18,752	10,511	8,241	4,301	22.9	2,456	23.4	1,845	22.4
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	4,631	2,803	1,828	1,169	25.2	718	25.6	451	24.7
Other conditions originating in the perinatal period (760-766,770-779)	14,121	7,708	6,413	3,132	22.2	1,738	22.5	1,394	21.7
Symptoms, signs, and ill-defined conditions (780-799)	26,988	15,205	11,783	13,540	50.2	8,636	56.8	4,904	41.6
All other diseases (Residual)	171,472	79,288	92,184	19,215	11.2	11,452	14.4	7,763	8.4
Accidents and adverse effects (E800-E949)	95,028	63,912	31,116	47,943	50.5	34,495	54.0	13,448	43.2
Motor vehicle accidents (E810-E825)	47,575	32,704	14,871	25,031	52.6	17,489	53.5	7,542	50.7
All other accidents and adverse effects (E800-E807,E826-E949)	47,453	31,208	16,245	22,912	48.3	17,006	54.5	5,906	36.4
Suicide (E950-E959)	30,232	24,102	6,130	16,917	56.0	13,122	54.4	3,795	61.9
Homicide and legal intervention (E960-E970)	22,909	17,686	5,223	22,147	96.7	17,165	97.1	4,982	95.4
All other external causes (E980-E999)	2,700	1,956	744	2,293	84.9	1,670	85.4	623	83.7

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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, 1989
(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	2,124,966	1,339,539	1,045,866	171,449	77,751	44,473	343,596	342,913	93,796	5,122
Under 1 year	39,331	35,941	28,136	4,320	2,141	1,344	47	2,614	671	58
1-4 years	7,223	5,584	3,133	1,601	611	239	53	1,092	474	20
5-14 years	8,857	6,156	3,348	1,767	846	195	81	1,281	1,295	44
15-24 years	36,260	20,722	9,361	6,819	3,828	714	199	4,446	10,484	409
25-44 years	140,462	89,633	57,418	19,065	9,907	3,443	2,244	24,947	22,556	882
45-64 years	374,407	265,037	194,801	42,481	18,685	9,070	14,048	74,995	19,427	900
65-74 years	475,811	330,775	262,368	40,831	16,988	10,588	41,111	87,989	14,950	986
75-84 years	591,256	367,627	302,880	36,873	16,034	11,840	115,216	92,465	14,882	1,066
85 years and over	450,805	217,681	184,319	17,643	8,693	7,026	170,576	53,023	8,784	741
Not stated	554	183	102	49	18	14	21	61	273	16
Tuberculosis (010-018)	1,948	1,627	1,457	74	36	60	118	150	50	3
Under 1 year	1	1	1	-	-	-	-	-	-	-
1-4 years	7	7	3	2	-	2	-	-	-	-
5-14 years	3	2	2	-	-	-	-	1	-	-
15-24 years	25	22	20	-	-	-	-	3	-	-
25-44 years	328	291	254	22	7	8	3	20	13	1
45-64 years	459	396	349	22	14	7	7	43	13	-
65-74 years	424	375	336	15	8	16	13	24	11	1
75-84 years	463	371	342	8	9	12	43	39	9	1
85 years and over	236	160	149	2	1	8	52	20	4	-
Not stated	2	2	1	-	1	-	-	-	-	-
Syphilis (090-097)	103	68	61	4	2	1	27	6	2	-
Under 1 year	19	18	16	1	-	1	-	1	-	-
1-4 years	-	-	-	-	-	-	-	-	-	-
5-14 years	2	1	1	-	-	-	1	-	-	-
15-24 years	-	-	-	-	-	-	-	-	-	-
25-44 years	14	13	11	2	-	-	-	1	-	-
45-64 years	17	12	11	-	1	-	2	2	1	-
65-74 years	14	9	8	-	1	-	5	-	-	-
75-84 years	23	10	10	-	-	-	12	1	1	-
85 years and over	14	5	5	-	-	-	7	1	1	-
Not stated	-	-	-	-	-	-	-	-	-	-
Residual of infectious and parasitic diseases (001-009,020-041,*042-*044,045-088,098-139)	50,349	41,038	37,493	1,269	520	1,756	3,780	4,396	1,042	93
Under 1 year	854	812	656	83	32	41	1	33	8	-
1-4 years	395	358	276	51	15	16	1	31	5	-
5-14 years	221	202	165	25	7	5	2	14	3	-
15-24 years	983	853	760	37	15	41	30	72	28	-
25-44 years	19,034	14,863	13,456	493	280	634	678	2,794	670	29
45-64 years	8,949	7,454	6,894	178	81	301	324	925	234	12
65-74 years	5,792	5,199	4,864	99	26	210	339	202	39	13
75-84 years	7,710	6,457	5,980	159	34	284	997	202	31	23
85 years and over	6,396	4,831	4,435	143	30	223	1,405	122	22	16
Not stated	15	9	7	1	-	1	3	1	2	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	490,238	296,669	269,000	10,653	7,476	9,540	65,404	111,850	15,309	1,006
Under 1 year	106	76	66	4	3	3	-	26	4	-
1-4 years	503	340	295	16	12	17	1	152	10	-
5-14 years	1,155	775	677	43	22	33	5	324	48	3
15-24 years	1,839	1,400	1,274	49	30	47	22	363	47	7
25-44 years	20,883	15,084	13,625	619	306	534	619	4,445	684	51
45-64 years	133,698	90,280	81,339	3,589	2,351	3,001	6,994	32,157	4,031	236
65-74 years	153,187	95,955	87,412	3,318	2,227	2,998	15,706	36,347	4,856	323
75-84 years	128,984	70,759	64,392	2,287	1,860	2,220	25,016	28,696	4,229	284
85 years and over	49,861	21,988	19,909	727	665	687	17,037	9,337	1,397	102
Not stated	22	12	11	1	-	-	4	3	3	-
Malignant neoplasms of digestive organs and peritoneum (150-159)	118,411	68,543	62,441	2,161	1,760	2,181	16,376	29,163	4,061	266
Under 1 year	7	7	7	-	-	-	-	-	-	-
1-4 years	18	13	10	1	-	2	-	5	-	-
5-14 years	21	12	11	1	-	-	-	9	-	-
15-24 years	112	79	68	3	3	5	1	26	5	1
25-44 years	3,141	2,165	1,939	99	54	73	67	778	124	7
45-64 years	27,556	18,283	16,517	640	501	625	1,164	7,296	957	56
65-74 years	36,400	22,253	20,367	666	504	716	3,273	9,524	1,271	79
75-84 years	34,834	18,652	17,048	548	503	553	6,435	8,416	1,242	89
85 years and over	16,116	7,076	6,471	203	195	207	5,435	3,107	482	36
Not stated	6	3	3	-	-	-	1	2	-	-
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	140,328	87,445	78,275	3,910	2,434	2,826	15,575	32,607	4,438	263
Under 1 year	7	7	6	-	1	-	-	-	-	-
1-4 years	3	2	2	-	-	-	-	1	-	-
5-14 years	6	4	3	1	-	-	-	2	-	-
15-24 years	47	35	30	5	-	-	-	8	4	-
25-44 years	2,906	2,121	1,867	121	50	83	83	613	82	7
45-64 years	46,525	31,825	28,257	1,580	915	1,073	2,416	10,857	1,361	66
65-74 years	51,469	32,213	28,998	1,379	846	990	5,079	12,408	1,688	101
75-84 years	32,400	18,016	16,240	690	526	560	5,853	7,357	1,102	72
85 years and over	6,959	3,220	2,870	134	96	120	2,143	1,360	219	17
Not stated	6	2	2	-	-	-	1	1	2	-

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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, 1989—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)	42,688	25,115	22,836	863	623	793	6,606	9,467	1,414	86
Under 1 year	1	1	-	1	-	-	-	-	-	-
1-4 years	-	-	-	-	-	-	-	-	-	-
5-14 years	-	-	-	-	-	-	-	-	-	-
15-24 years	7	5	5	-	-	-	1	-	1	-
25-44 years	3,890	2,848	2,592	108	59	89	92	814	130	6
45-64 years	14,587	9,738	8,946	301	200	291	786	3,560	475	28
65-74 years	11,184	6,735	6,128	239	168	200	1,514	2,546	366	23
75-84 years	8,943	4,344	3,901	157	131	155	2,418	1,832	328	21
85 years and over	4,075	1,443	1,263	57	65	58	1,795	715	114	8
Not stated	1	1	1	-	-	-	-	-	-	-
Malignant neoplasms of genital organs (179-187)	54,231	30,638	27,862	1,023	797	956	9,159	12,680	1,637	117
Under 1 year	1	1	1	-	-	-	-	-	-	-
1-4 years	5	4	2	1	1	-	-	1	-	-
5-14 years	7	4	3	1	-	-	-	3	-	-
15-24 years	114	88	80	4	2	2	3	20	3	-
25-44 years	1,982	1,377	1,245	65	34	33	58	484	58	5
45-64 years	9,845	6,487	5,874	228	165	220	549	2,492	288	29
65-74 years	16,045	9,859	9,040	312	213	294	1,785	3,861	503	37
75-84 years	18,001	9,361	8,501	290	256	314	3,825	4,211	572	32
85 years and over	8,230	3,457	3,116	122	126	93	2,938	1,608	213	14
Not stated	1	-	-	-	-	-	1	-	-	-
Malignant neoplasms of urinary organs (188-189)	20,003	11,433	10,422	357	278	376	3,151	4,796	580	43
Under 1 year	5	3	2	-	1	-	-	1	1	-
1-4 years	23	13	11	-	1	1	-	10	-	-
5-14 years	33	19	16	2	-	1	-	12	2	-
15-24 years	21	15	13	1	-	1	-	4	2	-
25-44 years	454	317	285	11	8	13	21	101	14	1
45-64 years	4,530	2,912	2,640	87	73	112	270	1,233	109	6
65-74 years	5,944	3,595	3,294	117	76	108	657	1,500	181	11
75-84 years	6,174	3,285	3,012	89	92	102	1,246	1,430	186	17
85 years and over	2,819	1,264	1,149	50	27	38	957	505	85	8
Not stated	-	-	-	-	-	-	-	-	-	-
Leukemia (204-208)	18,071	14,344	13,377	353	144	470	1,381	2,053	265	28
Under 1 year	32	24	22	-	-	2	-	7	1	-
1-4 years	160	123	110	4	3	6	-	36	1	-
5-14 years	433	331	294	17	7	13	-	88	13	1
15-24 years	507	445	411	12	4	18	1	54	6	1
25-44 years	1,542	1,414	1,335	26	8	45	8	96	20	4
45-64 years	3,624	3,199	2,995	84	19	101	46	329	46	4
65-74 years	4,713	3,967	3,742	71	32	122	165	500	55	6
75-84 years	4,850	3,585	3,338	95	42	120	549	619	80	7
85 years and over	2,210	1,246	1,130	44	29	43	592	324	43	5
Not stated	-	-	-	-	-	-	-	-	-	-
Other malignant neoplasms (140-149,170-173,190-203)	96,506	59,151	53,787	1,986	1,440	1,938	13,156	21,084	2,914	201
Under 1 year	53	33	28	3	1	1	-	18	2	-
1-4 years	294	185	160	10	7	8	1	99	9	-
5-14 years	655	405	350	21	15	19	5	210	33	2
15-24 years	1,031	733	667	24	21	21	16	251	26	5
25-44 years	6,968	4,842	4,362	189	93	198	290	1,559	256	21
45-64 years	26,831	17,836	16,110	689	478	579	1,763	6,390	795	47
65-74 years	27,432	17,333	15,843	534	388	568	3,213	6,008	812	66
75-84 years	23,782	13,496	12,352	418	310	416	4,690	4,831	719	46
85 years and over	9,452	4,282	3,910	117	127	128	3,177	1,718	261	14
Not stated	8	6	5	1	-	-	1	-	1	-
Diabetes mellitus (250)	46,398	29,884	23,022	4,207	1,724	931	8,501	6,868	1,020	125
Under 1 year	6	6	4	2	-	-	-	-	-	-
1-4 years	15	14	12	2	-	-	-	-	1	-
5-14 years	32	25	19	4	1	-	-	5	1	1
15-24 years	133	98	65	18	12	3	2	24	9	-
25-44 years	2,093	1,511	1,058	277	124	52	66	426	79	11
45-64 years	9,611	7,092	5,032	1,273	529	258	482	1,738	278	21
65-74 years	13,081	9,193	7,002	1,369	550	272	1,521	2,037	285	45
75-84 years	14,017	8,453	6,872	951	379	251	3,365	1,907	261	31
85 years and over	7,409	3,492	2,958	311	129	94	3,065	731	106	15
Not stated	1	-	-	-	-	-	-	-	-	1
Major cardiovascular diseases (390-448)	919,896	567,908	400,782	106,287	42,567	18,272	179,209	145,266	25,837	1,676
Under 1 year	915	859	631	125	57	46	3	46	7	-
1-4 years	331	310	213	69	20	8	3	15	3	-
5-14 years	389	352	220	87	27	18	4	31	2	-
15-24 years	1,242	1,028	536	333	117	42	17	129	65	3
25-44 years	19,267	15,055	7,311	5,173	1,984	587	173	2,978	1,009	52
45-64 years	131,668	97,872	54,379	29,057	11,097	3,399	3,130	24,506	5,835	325
65-74 years	201,207	145,223	99,094	30,036	11,468	4,625	13,787	35,798	6,018	381
75-84 years	297,774	186,818	141,733	27,904	11,328	5,853	55,962	47,252	7,240	502
85 years and over	266,957	120,336	96,633	19,490	6,463	3,750	106,122	34,481	5,635	413
Not stated	116	55	32	13	6	4	8	30	23	-

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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, 1989—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)	724,670	446,407	294,961	97,739	39,410	14,297	124,389	129,409	23,045	1,420
Under 1 year	768	721	515	112	54	40	2	39	6	-
1-4 years	282	267	175	65	20	7	2	10	3	-
5-14 years	292	260	149	75	18	18	4	28	-	-
15-24 years	933	754	335	286	104	29	12	116	48	3
25-44 years	15,117	11,383	4,364	4,740	1,835	444	116	2,660	908	50
45-64 years	111,117	80,296	39,500	27,483	10,595	2,718	2,082	22,930	5,510	299
65-74 years	163,989	116,036	73,716	27,820	10,819	3,681	9,033	33,003	5,586	331
75-84 years	231,125	144,867	104,699	25,307	10,337	4,524	37,653	41,834	6,359	412
85 years and over	200,954	91,783	71,489	11,838	5,623	2,833	75,481	28,760	4,605	325
Not stated	93	40	19	13	5	3	4	29	20	-
Rheumatic fever and rheumatic heart disease (390-398)	6,062	4,428	3,636	509	178	105	624	878	127	5
Under 1 year	4	4	3	-	1	-	-	-	-	-
1-4 years	6	6	5	1	-	-	-	-	-	-
5-14 years	10	8	5	2	-	1	-	2	-	-
15-24 years	37	35	14	16	4	1	-	2	-	-
25-44 years	366	296	180	75	30	11	2	54	14	-
45-64 years	1,252	1,001	788	155	38	20	32	186	32	1
65-74 years	1,654	1,319	1,096	139	46	38	76	231	27	1
75-84 years	1,912	1,305	1,146	92	41	26	284	280	41	2
85 years and over	821	454	399	29	18	8	230	123	13	1
Not stated	-	-	-	-	-	-	-	-	-	-
Hypertensive heart disease with or without renal disease (402,404)	23,241	12,251	6,634	3,482	1,732	403	3,665	5,931	1,345	49
Under 1 year	2	2	2	-	-	-	-	-	-	-
1-4 years	2	2	2	-	-	-	-	-	-	-
5-14 years	2	2	1	1	-	1	-	-	-	-
15-24 years	16	11	7	2	2	-	-	5	-	-
25-44 years	772	484	125	225	112	22	5	204	79	-
45-64 years	4,646	2,860	914	1,262	577	107	66	1,335	371	14
65-74 years	5,164	2,976	1,456	938	476	106	282	1,545	353	8
75-84 years	6,976	3,600	2,413	705	376	106	1,201	1,822	339	14
85 years and over	5,655	2,312	1,715	348	189	60	2,111	1,017	202	13
Not stated	6	2	-	1	-	1	-	3	1	-
Ischemic heart disease (410-414)	491,698	308,813	204,334	69,765	26,194	8,520	81,584	85,458	14,964	879
Under 1 year	31	28	21	3	2	2	-	2	1	-
1-4 years	5	3	2	1	-	-	-	1	1	-
5-14 years	12	9	6	1	1	1	-	3	-	-
15-24 years	108	76	28	33	15	-	2	14	15	1
25-44 years	7,629	5,708	1,671	2,802	1,049	186	50	1,343	503	25
45-64 years	74,254	54,447	26,641	19,252	6,964	1,590	1,318	14,886	3,600	203
65-74 years	114,810	83,014	52,935	20,405	7,365	2,309	5,969	21,985	3,625	217
75-84 years	160,818	103,117	74,464	18,751	7,104	2,798	24,717	28,526	4,205	253
85 years and over	133,986	62,388	48,554	8,509	3,691	1,634	49,525	18,890	3,003	180
Not stated	45	23	12	8	3	-	3	8	11	-
Other heart diseases (415-429)	203,669	120,915	80,357	23,983	11,306	5,269	38,516	37,142	6,609	487
Under 1 year	731	687	489	109	51	38	2	37	5	-
1-4 years	269	256	166	63	20	7	2	9	2	-
5-14 years	268	241	138	71	17	15	4	23	-	-
15-24 years	772	632	286	235	83	28	10	95	33	2
25-44 years	6,350	4,895	2,388	1,638	644	225	59	1,059	312	25
45-64 years	30,965	21,988	11,157	6,814	3,016	1,001	666	6,723	1,507	81
65-74 years	42,361	28,727	18,229	6,338	2,932	1,228	2,706	9,242	1,581	105
75-84 years	61,419	36,845	26,676	5,759	2,816	1,594	11,451	11,206	1,774	143
85 years and over	60,492	26,629	20,821	2,952	1,725	1,131	23,615	8,730	1,387	131
Not stated	42	15	7	4	2	2	1	18	8	-
Hypertension with or without renal disease (401,403)	8,670	4,882	3,662	744	326	150	1,854	1,701	215	18
Under 1 year	3	2	2	-	-	-	-	1	-	-
1-4 years	3	3	3	-	-	-	-	-	-	-
5-14 years	4	3	2	1	-	-	-	1	-	-
15-24 years	16	16	10	4	-	2	-	-	-	-
25-44 years	244	191	128	36	20	7	9	36	7	1
45-64 years	1,230	861	548	200	81	32	46	286	35	2
65-74 years	1,896	1,294	910	259	87	38	181	368	50	3
75-84 years	2,818	1,520	1,230	156	95	39	618	612	63	5
85 years and over	2,455	992	829	88	43	32	999	397	60	7
Not stated	1	-	-	-	-	-	1	-	-	-
Cerebrovascular diseases (430-438)	143,512	88,904	80,000	4,065	1,832	3,007	42,533	10,026	1,859	190
Under 1 year	126	118	99	10	3	6	1	6	1	-
1-4 years	38	33	29	3	-	1	1	4	-	-
5-14 years	80	77	62	8	7	-	-	2	1	-
15-24 years	231	205	156	32	8	9	5	10	11	-
25-44 years	3,238	2,893	2,436	249	89	119	45	221	78	1
45-64 years	14,995	13,035	11,635	699	227	474	876	867	198	19
65-74 years	25,957	20,053	18,194	847	325	687	3,989	1,627	259	29
75-84 years	50,018	31,031	28,123	1,288	607	1,013	14,852	3,461	602	72
85 years and over	48,812	21,446	19,255	929	565	697	22,763	3,827	707	69
Not stated	17	13	11	-	1	1	1	1	2	-

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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, 1989—Con.

(Page 4 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				
Major cardiovascular diseases-Con.										
Atherosclerosis (440)	18,959	7,419	5,698	993	483	245	8,440	2,653	432	15
Under 1 year	1	1	1	-	-	-	-	-	-	-
1-4 years	1	1	-	1	-	-	-	-	-	-
5-14 years	1	1	-	-	-	-	-	-	-	-
15-24 years	2	2	1	1	-	-	-	-	-	-
25-44 years	48	38	16	16	6	-	1	8	1	-
45-64 years	871	552	306	154	78	14	86	198	35	-
65-74 years	2,305	1,369	983	250	94	42	416	453	65	2
75-84 years	5,635	2,537	2,001	311	136	89	2,169	795	129	5
85 years and over	10,094	2,918	2,389	260	169	100	5,767	1,199	202	8
Not stated	1	-	-	-	-	-	1	-	-	-
Other diseases of arteries, arterioles, and capillaries (441-448)	24,085	20,296	16,461	2,746	516	573	1,993	1,477	286	33
Under 1 year	17	17	14	3	-	-	-	-	-	-
1-4 years	7	6	6	-	-	-	-	1	-	-
5-14 years	12	11	6	3	2	-	-	-	1	-
15-24 years	60	51	34	10	5	2	-	3	6	-
25-44 years	620	550	367	132	34	17	2	53	15	-
45-64 years	3,455	3,128	2,390	521	116	101	40	225	57	5
65-74 years	7,060	6,471	5,291	860	143	177	168	347	58	16
75-84 years	8,178	6,863	5,680	842	153	188	670	550	87	8
85 years and over	4,672	3,197	2,671	375	63	88	1,112	298	61	4
Not stated	4	2	2	-	-	-	1	-	1	-
Pneumonia and influenza (480-487)	75,416	52,499	48,038	1,835	621	2,005	19,385	2,674	754	104
Under 1 year	621	517	233	180	81	23	-	80	24	-
1-4 years	228	198	113	60	12	13	4	22	4	-
5-14 years	121	108	73	23	9	3	3	8	1	1
15-24 years	271	229	182	29	5	13	12	26	3	1
25-44 years	2,277	1,959	1,595	186	60	118	34	203	77	4
45-64 years	5,516	4,724	4,188	236	91	209	296	368	121	7
65-74 years	10,277	8,602	8,019	210	65	308	1,237	337	86	15
75-84 years	23,645	17,167	15,993	418	123	633	5,650	639	166	23
85 years and over	32,445	18,986	17,636	490	175	685	12,148	990	269	52
Not stated	15	9	6	3	-	-	1	1	3	1
Chronic obstructive pulmonary diseases and allied conditions (490-496)	83,192	56,704	47,024	5,769	2,164	1,747	12,902	11,596	1,868	122
Under 1 year	46	40	12	14	11	3	-	5	1	-
1-4 years	53	43	15	9	3	3	-	9	1	-
5-14 years	112	105	46	45	11	3	-	4	3	-
15-24 years	174	152	53	81	12	6	3	14	5	2
25-44 years	948	733	307	308	90	28	14	162	37	16
45-64 years	12,848	9,818	7,509	1,484	510	315	549	2,083	382	16
65-74 years	26,698	19,525	16,307	1,912	726	580	2,504	4,030	590	49
75-84 years	30,186	19,768	17,060	1,507	589	612	5,710	4,037	631	40
85 years and over	12,122	6,519	4,021	402	206	197	4,121	1,249	218	15
Not stated	5	1	-	1	-	-	1	3	-	-
Ulcer of stomach and duodenum (531-533)	6,403	5,461	4,916	292	87	166	465	380	90	7
Under 1 year	12	11	10	-	-	1	-	-	1	-
1-4 years	3	3	3	-	-	-	-	-	-	-
5-14 years	4	4	4	-	-	-	-	-	-	-
15-24 years	12	9	6	1	2	-	-	2	1	-
25-44 years	181	137	98	29	2	8	1	27	16	-
45-64 years	873	746	625	66	31	24	9	93	22	3
65-74 years	1,375	1,246	1,112	63	27	44	33	84	12	-
75-84 years	2,152	1,870	1,727	77	13	59	150	104	25	3
85 years and over	1,790	1,435	1,331	56	12	36	272	69	13	1
Not stated	1	-	-	-	-	-	-	1	-	-
Chronic liver disease and cirrhosis (571)	26,493	20,892	18,642	1,066	530	654	1,500	3,253	792	56
Under 1 year	17	15	10	2	-	3	-	1	1	-
1-4 years	6	5	2	1	1	1	-	1	-	-
5-14 years	7	6	4	2	-	-	-	-	1	-
15-24 years	56	43	35	6	2	-	1	5	7	-
25-44 years	4,554	3,623	2,970	352	179	122	30	648	240	13
45-64 years	11,390	9,291	8,292	479	243	277	260	1,460	353	26
65-74 years	6,437	5,132	4,735	159	71	167	466	713	115	11
75-84 years	3,314	2,360	2,206	55	29	70	550	339	60	5
85 years and over	703	413	384	10	5	14	193	86	11	-
Not stated	9	4	4	-	-	-	-	-	4	1
Nephritis, nephrotic syndrome, and nephrosis (580-589)	20,792	15,973	14,444	630	260	639	3,121	1,427	241	30
Under 1 year	198	194	183	2	-	9	-	4	-	-
1-4 years	15	12	8	2	-	2	-	2	1	-
5-14 years	20	19	15	3	-	1	-	1	-	-
15-24 years	69	65	46	13	3	3	-	2	2	-
25-44 years	716	629	509	63	27	30	11	58	17	1
45-64 years	2,553	2,206	1,911	139	52	130	100	206	37	4
65-74 years	4,360	3,638	3,306	146	56	130	379	293	42	8
75-84 years	7,026	5,332	4,870	174	83	205	1,117	489	79	9
85 years and over	5,830	3,875	3,593	88	39	155	1,512	372	63	8
Not stated	5	3	3	-	-	-	2	-	-	-

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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, 1989—Con.

(Page 5 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				
Complications of pregnancy, childbirth, and the puerperium (630-676)	320	300	231	43	7	19	-	16	3	1
Under 1 year .....	...	...	...	...	...	...	...	...	...	...
1-4 years .....	...	...	...	...	...	...	...	...	...	...
5-14 years .....	...	...	...	...	...	...	...	...	...	...
15-24 years	101	95	72	18	2	3	-	3	2	1
25-44 years	217	203	158	25	5	15	-	13	1	-
45-64 years	2	2	1	-	-	1	-	-	-	-
65-74 years .....	...	...	...	...	...	...	...	...	...	...
75-84 years .....	...	...	...	...	...	...	...	...	...	...
85 years and over .....	...	...	...	...	...	...	...	...	...	...
Not stated	-	-	-	-	-	-	-	-	-	-
Congenital anomalies (740-759)	12,840	11,412	9,623	1,036	350	403	323	886	198	21
Under 1 year	8,074	7,627	6,866	360	150	251	19	349	71	8
1-4 years	928	804	583	146	36	39	12	90	21	1
5-14 years	492	409	268	97	27	17	19	46	18	-
15-24 years	477	400	215	127	42	16	9	55	12	1
25-44 years	879	693	440	175	51	27	20	123	42	1
45-64 years	818	626	491	91	23	21	70	101	18	3
65-74 years	508	403	356	24	10	13	46	46	10	3
75-84 years	443	317	288	9	7	13	70	48	5	3
85 years and over	215	127	112	6	3	6	58	28	1	1
Not stated	6	6	4	1	1	-	-	-	-	-
Certain conditions originating in the perinatal period (760-779)	18,602	18,411	17,203	434	116	658	18	101	45	27
Under 1 year	18,419	18,256	17,104	398	103	651	8	86	42	27
1-4 years	130	115	77	25	7	6	6	7	2	-
5-14 years	23	18	8	8	2	1	3	1	-	-
15-24 years	7	5	4	1	-	-	1	1	-	-
25-44 years	12	10	5	1	4	-	-	2	-	-
45-64 years	4	2	2	-	-	-	1	1	-	-
65-74 years	2	1	1	-	-	-	1	-	-	-
75-84 years	1	1	1	-	-	-	-	-	-	-
85 years and over	-	-	-	-	-	-	-	-	-	-
Not stated	4	3	1	1	-	1	-	1	-	-
Symptoms, signs, and ill-defined conditions (780-799)	26,679	12,695	4,395	5,011	2,622	667	2,570	9,061	2,286	67
Under 1 year	6,543	4,597	566	2,478	1,369	184	8	1,587	340	11
1-4 years	281	214	59	100	46	9	1	52	13	1
5-14 years	179	128	41	58	23	6	2	30	18	1
15-24 years	726	381	117	177	66	21	2	178	163	2
25-44 years	4,130	1,893	619	875	300	99	21	1,381	824	11
45-64 years	3,492	1,484	607	504	272	101	61	1,512	425	10
65-74 years	3,080	1,310	681	352	192	85	150	1,413	198	9
75-84 years	3,865	1,442	860	275	211	96	618	1,665	134	6
85 years and over	4,295	1,239	844	188	141	66	1,707	1,239	99	11
Not stated	88	7	1	4	2	-	-	4	72	5
All other diseases (Residual)	195,644	131,069	114,680	8,049	3,806	4,534	43,294	17,487	3,454	340
Under 1 year	2,126	1,911	1,386	296	138	91	7	176	31	1
1-4 years	1,149	942	636	202	60	44	20	154	30	3
5-14 years	1,251	1,000	730	168	63	39	37	167	42	5
15-24 years	2,189	1,718	1,308	246	102	62	50	315	101	5
25-44 years	12,353	9,478	7,283	1,234	600	361	354	1,794	673	54
45-64 years	27,238	21,492	18,124	1,741	863	764	1,555	3,434	710	47
65-74 years	36,506	27,768	24,767	1,421	639	941	4,654	3,505	528	51
75-84 years	58,787	38,197	34,550	1,595	749	1,303	15,154	4,629	722	85
85 years and over	54,017	28,549	25,887	1,143	591	928	21,461	3,310	608	89
Not stated	28	14	9	3	1	1	2	3	9	-
Motor vehicle accidents (E810-E825)	47,249	27,112	10,047	10,000	6,354	711	194	749	18,532	682
Under 1 year	216	158	69	56	30	3	-	5	51	2
1-4 years	993	735	230	326	153	26	-	46	207	5
5-14 years	2,255	1,600	627	616	322	35	1	28	608	18
15-24 years	12,823	6,938	2,437	2,483	1,834	184	22	173	5,481	209
25-44 years	16,459	8,403	2,739	3,147	2,278	239	57	258	7,465	276
45-64 years	7,261	4,125	1,446	1,563	1,013	103	41	135	2,889	71
65-74 years	3,449	2,290	1,013	851	374	52	22	49	1,047	41
75-84 years	2,891	2,158	1,077	747	281	53	38	47	618	30
85 years and over	863	690	401	204	69	16	13	8	144	8
Not stated	39	15	8	7	-	-	-	-	22	2
All other accidents and adverse effects (E800-E807,E826-E949)	47,084	28,490	18,114	6,048	3,475	853	2,601	7,282	8,397	314
Under 1 year	775	568	195	239	111	23	-	152	49	6
1-4 years	1,740	1,184	483	469	197	35	3	407	136	10
5-14 years	1,800	1,016	326	418	248	24	6	386	380	12
15-24 years	3,811	1,796	627	716	409	44	17	526	1,421	51
25-44 years	11,849	5,514	2,067	1,975	1,320	152	113	2,271	3,821	130
45-64 years	7,702	4,354	2,614	953	656	131	142	1,466	1,679	61
65-74 years	5,303	3,796	2,927	485	261	123	214	816	457	20
75-84 years	7,252	5,432	4,641	465	163	163	733	777	296	14
85 years and over	6,767	4,804	4,224	320	104	156	1,373	474	108	8
Not stated	85	26	10	8	6	2	-	7	50	2

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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, 1989—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)	29,872	8,298	2,760	2,861	2,412	265	111	14,380	6,895	188
Under 1 year .....	...	...	...	...	...	...	...	...	...	-
1-4 years	238	110	32	49	27	2	-	104	24	-
5-14 years	4,812	1,621	573	578	421	49	5	1,869	1,266	51
15-24 years	11,755	3,339	1,085	1,153	974	127	27	5,069	3,231	89
25-44 years	6,901	1,698	535	546	563	54	12	3,664	1,496	31
45-64 years	3,232	812	282	284	229	17	26	1,895	488	11
65-74 years	2,231	556	189	203	151	13	23	1,338	310	4
75-84 years	689	161	63	48	47	3	18	439	70	1
85 years and over	14	1	1	-	-	-	-	2	10	1
Not stated										
Homicide and legal intervention (E960-E978)	22,749	11,817	3,429	5,470	2,387	531	53	4,284	6,339	256
Under 1 year	332	236	117	64	46	9	1	54	38	3
1-4 years	390	257	107	102	37	11	2	96	35	-
5-14 years	506	246	79	107	53	7	-	118	139	3
15-24 years	6,162	3,704	962	1,850	720	172	6	609	1,768	75
25-44 years	11,085	5,805	1,618	2,727	1,193	267	18	1,830	3,289	143
45-64 years	2,937	1,173	364	501	261	47	9	931	802	22
65-74 years	734	228	98	72	51	7	8	352	142	4
75-84 years	395	107	56	30	16	5	4	227	54	3
85 years and over	129	48	24	12	10	2	5	63	13	-
Not stated	79	13	4	5	-	4	-	4	59	3
All other external causes (E980-E999)	2,699	1,212	505	411	235	61	20	801	642	24
Under 1 year	51	39	11	16	10	2	-	9	3	-
1-4 years	56	43	17	13	6	7	-	8	5	-
5-14 years	47	30	12	13	4	1	-	11	6	-
15-24 years	348	165	69	54	34	8	-	77	103	3
25-44 years	1,428	597	210	229	123	35	5	444	368	14
45-64 years	470	190	88	58	38	6	4	170	101	5
65-74 years	145	70	48	15	7	-	-	48	26	1
75-84 years	97	52	33	9	9	1	4	29	12	-
85 years and over	37	23	17	3	3	-	7	4	2	1
Not stated	20	3	-	1	1	1	-	1	16	-

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Table 1-31. Deaths by Place of Death and Status of Decedent When Death Occurred in Hospital or Medical Center: Total of 49 Reporting States and the District of Columbia, 1989

[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	2,124,966	1,339,539	1,045,866	171,449	77,751	44,473	343,596	342,913	93,796	5,122
Alabama	38,739	24,312	17,969	2,588	604	3,151	4,208	9,273	946	-
Alaska	2,093	1,078	740	260	77	1	192	485	265	73
Arizona	26,963	16,907	13,597	2,675	635	-	4,968	-	7,073	15
Arkansas	24,388	15,818	13,515	1,743	559	1	3,379	4,261	898	32
California	217,371	128,008	100,853	25,325	1,380	450	38,512	28,577	22,274	-
Colorado	21,472	11,030	8,756	1,986	286	2	4,834	4,415	1,193	-
Connecticut	28,190	16,384	11,907	1,386	430	2,661	6,565	4,568	429	244
Delaware	5,985	4,125	2,823	501	801	-	1,045	668	109	38
District of Columbia	9,648	7,788	3,098	966	19	3,705	415	41	1,397	7
Florida	133,807	78,702	65,940	10,472	2,073	217	19,083	30,362	5,657	3
Georgia	52,891	42,882	27,616	4,653	10,612	1	3,966	4,202	1,813	28
Hawaii	6,730	4,566	3,596	672	285	13	679	1,423	59	3
Idaho	7,186	3,061	2,530	397	134	-	1,923	1,809	393	-
Illinois	100,516	71,214	51,278	8,250	11,623	63	16,172	11,068	2,035	27
Indiana	49,715	29,251	24,663	3,814	732	42	10,894	8,187	1,320	63
Iowa	27,034	15,528	13,273	1,628	621	6	7,090	3,711	704	1
Kansas	21,647	12,677	10,711	1,407	559	-	5,190	3,188	592	-
Kentucky	34,822	22,083	19,020	1,990	1,025	48	4,459	7,138	1,048	94
Louisiana	38,032	26,092	20,919	3,644	1,462	67	2,621	-	8,175	3
Maine	11,169	6,409	5,554	673	182	-	2,408	1,983	369	-
Maryland	37,640	22,766	14,721	3,175	799	4,071	5,024	7,131	944	1,775
Massachusetts	54,520	37,128	31,310	3,309	2,189	320	8,156	8,641	552	43
Michigan	77,697	49,143	37,493	9,067	2,507	76	13,684	12,430	351	2,089
Minnesota	34,540	16,892	14,185	2,104	591	12	10,881	5,781	828	158
Mississippi	24,475	17,063	13,820	2,267	953	23	2,114	4,188	1,084	26
Missouri	51,679	31,762	27,022	3,397	1,214	129	9,954	8,778	1,185	-
Montana	6,692	3,270	2,724	440	106	-	1,807	1,304	311	-
Nebraska	15,040	8,480	7,218	917	345	-	4,008	2,168	379	5
Nevada	9,327	5,768	4,627	1,057	26	58	935	1,952	671	1
New Hampshire	8,351	4,803	3,913	751	137	2	1,911	1,365	272	-
New Jersey	69,575	49,770	42,251	4,849	2,670	-	6,020	12,595	1,179	11
New Mexico	10,490	5,777	4,629	1,047	101	-	1,566	2,114	1,033	-
New York	170,611	120,858	98,205	16,118	4,534	2,001	15,835	26,913	6,975	30
North Carolina	57,839	37,564	31,540	4,148	1,636	240	6,748	11,838	1,689	-
North Dakota	5,872	3,709	3,226	280	203	-	1,361	702	100	-
Ohio	98,262	61,451	47,498	8,790	4,920	243	19,082	16,155	1,570	4
Oregon	25,182	10,895	8,967	1,678	249	1	7,473	5,580	1,234	-
Pennsylvania	124,530	76,710	64,220	8,601	3,889	-	23,385	21,295	3,140	-
Rhode Island	9,733	5,863	3,917	672	317	957	1,950	1,721	197	2
South Carolina	28,853	18,196	15,316	2,223	657	-	3,224	5,919	1,514	-
South Dakota	6,580	3,624	3,119	356	149	-	1,767	972	213	4
Tennessee	48,520	36,292	26,940	2,932	6,199	221	5,644	6,085	498	1
Texas	126,640	82,332	49,129	8,063	3,591	21,549	16,881	21,441	5,690	296
Utah	9,636	4,501	3,448	755	282	16	2,383	2,436	315	1
Vermont	4,690	2,588	2,104	408	76	-	1,036	900	143	23
Virginia	46,392	29,776	21,585	2,809	1,504	3,878	6,363	8,967	1,286	-
Washington	36,207	16,586	15,037	1,274	37	248	9,765	8,213	1,613	20
West Virginia	19,579	14,262	10,801	1,534	1,927	-	1,953	2,999	364	1
Wisconsin	42,354	22,128	17,212	3,123	1,793	-	12,330	6,389	1,507	-
Wyoming	3,062	1,657	1,331	275	51	-	612	582	210	1

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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 Reporting States and the District of Columbia, 1989

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[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	2,124,966	1,339,539	1,045,866	171,449	77,751	44,473	343,596	342,913	93,796	5,122
Under 1 year	39,331	35,941	28,136	4,320	2,141	1,344	47	2,614	671	58
1-4 years	7,223	5,584	3,133	1,601	611	239	53	1,092	474	20
5-14 years	8,857	6,156	3,348	1,767	846	195	81	1,281	1,295	44
15-24 years	36,260	20,722	9,361	6,819	3,828	714	199	4,446	10,484	409
25-44 years	140,462	89,833	57,418	19,065	9,907	3,443	2,244	24,947	22,556	882
45-64 years	374,407	265,037	194,801	42,481	18,685	9,070	14,048	74,995	19,427	900
65-74 years	475,811	330,775	262,368	40,831	16,988	10,588	41,111	87,989	14,950	986
75-84 years	591,256	367,627	302,890	36,873	16,034	11,840	115,216	92,465	14,882	1,066
85 years and over	450,805	217,681	184,319	17,643	8,693	7,026	170,576	53,023	8,784	741
Not stated	554	183	102	49	18	14	21	61	273	16
Male	1,101,632	730,297	548,224	109,303	48,811	23,959	117,908	189,424	61,038	2,965
Under 1 year	22,199	20,255	15,691	2,524	1,278	762	30	1,484	399	31
1-4 years	4,069	3,142	1,724	925	357	136	25	623	270	9
5-14 years	5,379	3,727	1,937	1,115	548	127	40	774	813	25
15-24 years	27,014	15,069	6,243	5,328	2,977	521	117	3,343	8,177	308
25-44 years	98,868	61,374	37,096	14,288	7,575	2,415	1,512	17,530	17,786	666
45-64 years	232,052	164,271	114,720	30,595	13,349	5,607	7,242	46,078	13,854	607
65-74 years	275,248	194,782	150,611	27,030	11,032	6,109	19,464	51,486	8,964	552
75-84 years	288,817	187,083	151,976	20,717	8,577	5,813	45,635	48,092	7,494	513
85 years and over	147,583	80,458	68,156	6,738	3,104	2,460	43,835	19,976	3,072	242
Not stated	403	136	70	43	14	9	8	38	209	12
Female	1,023,334	609,242	497,642	62,146	28,940	20,514	225,688	153,489	32,758	2,157
Under 1 year	17,132	15,686	12,445	1,796	863	582	17	1,130	272	27
1-4 years	3,154	2,442	1,409	676	254	103	28	469	204	11
5-14 years	3,478	2,429	1,411	652	298	68	41	507	482	19
15-24 years	9,246	5,653	3,118	1,491	851	193	82	1,103	2,307	101
25-44 years	41,594	28,459	20,322	4,777	2,332	1,028	732	7,417	4,770	216
45-64 years	142,355	100,766	80,081	11,886	5,336	3,463	6,806	29,917	5,573	216
65-74 years	200,563	135,993	111,757	13,801	5,955	4,479	21,647	36,503	5,986	434
75-84 years	302,439	180,544	150,904	16,156	7,457	6,027	69,581	44,373	7,388	553
85 years and over	303,222	137,223	116,163	10,905	5,589	4,566	126,741	33,047	5,712	499
Not stated	151	47	32	6	4	5	13	23	64	4
White	1,830,884	1,125,822	890,901	139,685	61,500	33,736	322,022	300,833	78,111	4,096
Under 1 year	25,568	23,200	18,342	2,733	1,304	821	30	1,859	446	33
1-4 years	5,076	3,875	2,226	1,090	394	165	31	809	342	19
5-14 years	6,605	4,512	2,565	1,230	579	138	64	1,007	990	32
15-24 years	26,996	14,668	6,853	4,669	2,714	432	148	3,572	8,304	304
25-44 years	101,532	61,444	39,432	13,126	6,801	2,085	1,747	19,999	17,702	640
45-64 years	303,627	211,335	158,551	33,921	14,417	6,446	11,776	63,745	16,071	700
65-74 years	413,637	284,492	227,147	34,977	14,122	8,246	37,011	78,293	13,032	809
75-84 years	531,840	326,552	270,846	32,416	13,678	9,512	107,812	83,464	13,113	899
85 years and over	415,627	195,632	166,878	15,490	7,476	5,786	163,390	48,048	7,908	649
Not stated	376	112	61	33	15	3	13	37	203	11
Male	939,612	612,188	465,401	89,899	38,775	18,113	108,883	165,894	50,287	2,360
Under 1 year	14,644	13,266	10,344	1,638	804	480	18	1,069	273	18
1-4 years	2,873	2,200	1,236	621	240	103	14	452	198	9
5-14 years	4,038	2,755	1,508	774	379	94	28	609	627	19
15-24 years	19,895	10,447	4,548	3,545	2,044	310	89	2,719	6,409	231
25-44 years	72,264	42,993	25,635	9,989	5,278	1,454	1,168	14,217	14,015	501
45-64 years	189,447	132,411	92,655	25,137	10,577	4,042	5,983	39,147	11,455	471
65-74 years	240,917	169,314	131,393	23,706	9,349	4,886	17,389	45,938	7,825	451
75-84 years	260,400	167,163	136,448	18,517	7,437	4,761	42,539	43,665	6,595	438
85 years and over	134,855	72,184	61,592	5,933	2,657	2,002	41,670	18,055	2,732	214
Not stated	279	85	42	30	12	1	5	23	158	8
Female	891,272	513,634	425,500	49,786	22,725	15,623	213,139	134,939	27,824	1,736
Under 1 year	10,924	9,934	7,988	1,095	500	341	12	790	173	15
1-4 years	2,203	1,675	980	469	154	62	17	357	144	10
5-14 years	2,567	1,757	1,057	458	200	44	36	398	363	13
15-24 years	7,101	4,221	2,305	1,124	670	122	59	853	1,895	73
25-44 years	29,268	19,081	13,797	3,128	1,525	631	579	5,782	3,687	139
45-64 years	114,180	78,924	63,896	8,784	3,840	2,404	5,813	24,598	4,616	229
65-74 years	172,720	115,178	95,754	11,271	4,773	3,380	19,622	32,355	5,207	358
75-84 years	271,440	159,389	134,388	13,899	6,241	4,851	65,273	39,799	6,518	461
85 years and over	280,772	123,448	105,286	9,557	4,819	3,786	121,720	29,993	5,176	435
Not stated	97	27	19	3	3	2	8	14	45	3

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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 Reporting States and the District of Columbia, 1989—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	294,082	213,717	154,965	31,764	16,251	10,737	21,574	42,080	15,685	1,026
Under 1 year	13,763	12,741	9,794	1,587	837	523	17	755	225	25
1-4 years	2,147	1,709	907	511	217	74	22	283	132	1
5-14 years	2,252	1,644	783	537	267	57	17	274	305	12
15-24 years	9,264	8,054	2,508	2,150	1,114	292	51	874	2,180	105
25-44 years	36,930	28,389	17,391	5,939	3,106	1,358	497	4,948	4,854	242
45-64 years	70,780	53,702	38,250	8,560	4,258	2,624	2,272	11,250	3,356	200
65-74 years	62,174	46,283	35,221	5,854	2,866	2,342	4,100	9,696	1,918	177
75-84 years	59,416	41,075	32,034	4,457	2,356	2,228	7,404	9,001	1,769	167
85 years and over	35,178	22,049	17,441	2,153	1,217	1,238	7,186	4,975	876	92
Not stated	178	71	41	16	3	11	8	24	70	5
Male	162,020	118,109	82,823	19,404	10,036	5,846	9,025	23,530	10,751	605
Under 1 year	7,555	6,989	5,347	885	474	282	12	415	126	13
1-4 years	1,196	942	488	304	117	33	11	171	72	-
5-14 years	1,341	972	429	341	169	33	12	165	186	6
15-24 years	7,119	4,622	1,695	1,783	933	211	28	624	1,768	77
25-44 years	26,604	19,011	11,461	4,290	2,299	961	344	3,313	3,771	165
45-64 years	42,605	31,860	22,065	5,458	2,772	1,565	1,279	6,991	2,399	138
65-74 years	34,331	25,468	19,218	3,324	1,683	1,243	2,075	5,548	1,139	101
75-84 years	28,417	19,920	15,528	2,200	1,140	1,052	3,096	4,427	899	75
85 years and over	12,728	8,274	5,564	805	447	458	2,165	1,921	340	28
Not stated	124	51	28	13	2	8	3	15	51	4
Female	132,062	95,608	72,142	12,360	6,215	4,891	12,549	18,550	4,934	421
Under 1 year	6,208	5,752	4,447	701	363	241	5	340	99	12
1-4 years	951	767	419	207	100	41	11	112	60	1
5-14 years	911	672	354	196	98	24	5	109	119	6
15-24 years	2,145	1,432	813	367	181	71	23	250	412	28
25-44 years	12,326	9,378	6,525	1,649	807	397	153	1,635	1,083	77
45-64 years	22,175	21,842	16,185	3,102	1,496	1,059	993	4,319	957	64
65-74 years	27,843	20,815	16,003	2,530	1,183	1,099	2,025	4,148	779	78
75-84 years	30,999	21,155	16,506	2,257	1,216	1,176	4,308	4,574	670	92
85 years and over	22,450	13,775	10,877	1,348	770	780	5,021	3,054	536	64
Not stated	54	20	13	3	1	3	5	9	19	1
Black	265,830	194,227	139,956	28,500	15,328	10,443	19,246	37,996	13,397	964
Under 1 year	12,464	11,592	8,936	1,395	765	496	14	648	185	25
1-4 years	1,821	1,448	760	428	193	67	22	249	101	1
5-14 years	1,910	1,413	651	462	245	55	16	237	239	11
15-24 years	8,115	5,477	2,244	1,937	1,023	273	46	709	1,791	92
25-44 years	35,555	26,230	16,548	5,475	2,936	1,321	448	4,449	4,155	223
45-64 years	64,300	48,942	34,665	7,686	4,039	2,552	2,025	10,204	2,940	189
65-74 years	56,607	42,186	31,904	5,277	2,724	2,281	3,739	8,851	1,681	170
75-84 years	59,544	37,033	28,717	3,901	2,243	2,172	6,658	8,161	1,532	160
85 years and over	31,347	19,790	15,493	1,925	1,157	1,215	6,271	4,464	734	88
Not stated	167	66	38	14	3	11	7	24	65	5
Male	145,436	106,560	74,289	17,210	9,401	5,660	7,959	21,156	9,197	564
Under 1 year	6,808	6,329	4,863	767	430	269	10	353	103	13
1-4 years	1,018	798	411	254	104	29	11	154	55	-
5-14 years	1,153	847	364	297	154	32	12	143	145	6
15-24 years	6,271	4,217	1,518	1,624	868	207	25	503	1,456	70
25-44 years	24,332	17,662	10,602	3,957	2,169	934	315	3,010	3,245	150
45-64 years	38,762	29,037	20,063	4,852	2,601	1,521	1,152	6,324	2,122	127
65-74 years	31,044	23,034	17,322	2,929	1,584	1,199	1,887	5,039	988	96
75-84 years	24,969	17,466	13,551	1,834	1,068	1,013	2,730	3,941	760	72
85 years and over	10,914	7,122	5,569	684	421	448	1,815	1,674	277	26
Not stated	115	48	26	12	2	8	2	15	46	4
Female	120,394	87,667	65,667	11,290	5,927	4,783	11,287	16,840	4,200	400
Under 1 year	5,656	5,263	4,073	628	335	227	4	295	82	12
1-4 years	803	650	349	174	89	38	11	95	46	1
5-14 years	757	566	287	165	91	23	4	94	88	5
15-24 years	1,844	1,260	726	313	155	66	21	206	335	22
25-44 years	11,173	8,618	5,946	1,518	767	387	133	1,439	910	73
45-64 years	25,538	19,905	14,602	2,834	1,438	1,031	873	3,880	818	62
65-74 years	25,563	19,152	14,582	2,348	1,140	1,082	1,852	3,812	673	74
75-84 years	28,575	19,567	15,166	2,067	1,175	1,159	3,928	4,220	772	88
85 years and over	20,433	12,668	9,924	1,241	736	767	4,456	2,790	457	62
Not stated	52	18	12	2	1	3	5	9	19	1

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Table 1-33. Deaths From Selected Causes, by Date of Death: United States, 1989
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[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	2,150,466	310,916	308,669	306,181	303,627	303,137	307,191	310,698	47
January	197,780	...	...	...	...	...	...	...	3
...	...	6,523	6,388	6,468	6,430	6,442	6,434	6,500	...
...	...	6,323	6,467	6,358	6,480	6,302	6,257	6,334	...
...	...	6,358	6,404	6,192	6,402	6,244	6,369	6,272	...
...	...	6,276	6,378	6,561	6,271	6,325	6,427	6,387	...
...	...	6,445	6,364	6,396	...	...	...	...	...
February	182,374	...	...	...	...	...	...	...	3
...	...	6,397	6,571	6,654	6,600	6,393	6,592	6,429	...
...	...	6,648	6,882	6,597	6,463	6,495	6,593	6,775	...
...	...	6,373	6,480	6,441	6,373	6,367	6,409	6,517	...
...	...	6,514	6,501	6,393	...	...	...	6,664	...
March	192,680	...	...	...	...	...	...	...	1
...	...	6,275	6,459	6,392	6,326	6,124	6,531	6,552	...
...	...	6,332	6,374	6,243	6,156	6,195	6,133	6,484	...
...	...	5,973	6,078	5,979	6,097	6,009	6,128	6,082	...
...	...	6,112	6,235	6,136	6,007	5,663	5,673	...	...
April	174,682	...	...	...	...	...	...	...	9
...	...	5,653	5,992	6,008	5,843	5,885	5,890	5,955	...
...	...	5,778	5,801	5,776	5,848	6,000	6,098	6,068	...
...	...	5,741	5,956	5,843	5,706	5,550	5,879	5,730	...
...	...	5,762	5,781	5,758	5,644	5,723	5,770	5,655	...
...	...	5,552	...	...	...	...	...	...	...
May	175,422	...	...	...	...	...	...	...	3
...	...	5,739	5,701	5,635	5,626	5,669	5,828	5,816	...
...	...	5,629	5,638	5,508	5,579	5,567	5,549	5,715	...
...	...	5,679	5,845	5,637	5,599	5,684	5,745	5,814	...
...	...	5,541	5,721	5,661	5,605	5,531	5,677	5,686	...
...	...	5,485	5,485	5,755	5,555	...	...	...	...
June	165,174	...	...	...	...	...	...	...	6
...	...	5,458	5,494	5,503	5,503	5,677	5,664	5,669	...
...	...	5,465	5,610	5,517	5,344	5,487	5,384	5,581	...
...	...	5,494	5,522	5,384	5,455	5,389	5,415	5,737	...
...	...	5,495	5,585	5,557	5,409	5,360	5,470	5,556	...
July	169,048	...	...	...	...	...	...	...	3
...	...	5,529	5,557	5,536	5,478	5,394	5,553	5,524	...
...	...	5,513	5,760	5,502	5,464	5,302	5,440	5,550	...
...	...	5,202	5,492	5,355	5,606	5,450	5,386	5,413	...
...	...	5,384	5,434	5,383	5,324	5,511	5,505	5,494	...
...	...	5,355	5,246	...	...	...	...	5,403	...
August	168,135	...	...	...	...	...	...	...	6
...	...	5,486	5,533	5,403	5,442	5,546	5,596	5,646	...
...	...	5,370	5,444	5,300	5,236	5,421	5,347	5,450	...
...	...	5,381	5,561	5,462	5,467	5,301	5,477	5,390	...
...	...	5,441	5,451	5,442	5,261	5,290	5,295	5,448	...
...	5,485	5,476	5,281	...	...	...
September	165,225	...	...	...	...	...	...	...	3
...	...	5,316	5,309	5,442	5,368	5,447	5,398	5,562	...
...	...	5,397	5,587	5,402	5,471	5,394	5,414	5,520	...
...	...	5,479	5,460	5,486	5,447	5,615	5,639	5,577	...
...	...	5,453	5,628	5,669	5,490	5,592	5,546	5,598	...
...	5,798	5,718	...
October	178,722	...	...	...	...	...	...	...	5
...	...	5,755	5,670	5,654	5,598	5,707	5,828	5,835	...
...	...	5,793	5,671	5,752	5,692	5,909	5,898	6,046	...
...	...	5,714	5,955	5,745	5,558	5,525	5,714	5,766	...
...	...	5,670	5,750	5,922	5,672	5,848	5,714	5,849	...
...	...	5,702	5,979	5,826	...	...	...	...	...
November	175,827	...	...	...	...	...	...	...	3
...	...	5,829	5,792	5,868	5,614	5,612	5,789	5,970	...
...	...	5,694	5,876	5,798	5,818	5,752	5,690	6,034	...
...	...	5,833	6,062	5,954	5,886	5,783	5,761	5,899	...
...	...	5,978	6,162	5,876	5,978	5,907	6,052	6,015	...
...	5,768	5,774	...	...	...
December	205,397	...	...	...	...	...	...	...	2
...	...	6,181	6,242	6,161	6,262	6,256	6,092	6,125	...
...	...	6,107	6,230	6,331	6,182	6,404	6,219	6,256	...
...	...	6,407	6,742	6,569	6,526	6,516	6,376	6,555	...
...	...	7,225	7,364	7,506	7,376	7,390	6,843	7,097	...
...	...	7,187	7,324	7,344	...

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Table 1-33. Deaths From Selected Causes, by Date of Death: United States, 1989—Con.
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 [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)	47,575	7,858	5,747	5,577	5,803	5,968	7,480	9,142	-
January	3,537	149	89	99	97	105	120	144	...
	...	107	83	97	120	98	127	177	...
	...	111	94	92	108	117	123	162	...
	...	129	100	100	100	85	114	155	...
	...	149	81	105	...	...	...	...	...
February	3,139	123	88	78	97	102	131	153	...
	...	133	86	90	118	111	120	156	...
	...	132	84	95	104	87	122	162	...
	...	157	92	99	87	96	89	147	...
March	3,683	111	102	97	96	96	143	181	...
	...	135	99	91	75	86	144	173	...
	...	140	114	85	78	103	139	184	...
	...	143	115	104	97	115	141	158	...
	...	...	...	...	118	106	113	...	...
April	3,788	140	124	111	127	99	128	205	...
	...	131	95	101	106	106	127	143	...
	...	131	98	116	102	110	119	173	...
	...	149	96	90	109	108	157	170	...
	...	148	...	...	...	...	...	169	...
May	3,972	144	101	110	95	112	158	173	...
	...	142	94	100	90	110	123	167	...
	...	192	105	94	112	113	138	193	...
	...	194	106	88	122	106	145	207	...
	...	...	133	115	90	...	...	...	...
June	4,045	149	124	96	129	110	146	197	...
	...	179	118	100	119	111	150	157	...
	...	184	104	107	95	114	147	169	...
	...	157	119	104	113	127	175	176	...
	...	...	...	...	...	127	142	...	...
July	4,422	170	130	169	156	110	145	211	...
	...	164	121	118	127	119	161	142	...
	...	177	132	111	133	116	151	163	...
	...	137	117	115	104	129	136	209	...
	...	162	115	...	...	...	...	172	...
August	4,287	165	136	122	110	140	164	197	...
	...	130	132	112	114	128	172	179	...
	...	145	110	126	113	123	175	188	...
	...	134	134	118	112	138	143	202	...
	...	...	...	121	107	97	...	...	...
September	4,260	164	154	128	110	102	166	213	...
	...	139	130	102	123	127	136	169	...
	...	164	101	105	111	147	142	183	...
	...	166	119	108	108	132	161	199	...
	...	...	...	...	...	...	162	189	...
October	4,412	176	121	118	140	125	177	196	...
	...	149	94	133	119	123	131	202	...
	...	187	134	128	109	108	145	185	...
	...	138	134	113	115	127	163	210	...
	...	175	97	140	...	...	...	...	...
November	3,680	127	118	101	112	112	157	168	...
	...	137	89	97	121	98	160	191	...
	...	143	119	136	112	119	168	171	...
	...	121	111	84	164	154	130	136	...
	...	...	...	...	101	123	...	...	...
December	4,150	147	97	105	123	135	135	162	...
	...	146	94	102	107	130	145	170	...
	...	142	137	94	133	130	164	162	...
	...	174	127	106	115	116	173	184	...
	...	120	137	138	...

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Table 1-33. Deaths From Selected Causes, by Date of Death: United States, 1989—Con.

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[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)	30,232	4,345	4,697	4,468	4,304	4,282	4,088	4,024	4
January	2,663	102 86 87 75 70	89 81 96 84 91	112 85 84 103 87	92 79 97 74	97 85 96 79	85 88 76 72	74 64 86 87	-
February	2,367	64 101 81 84	74 116 107 84	106 92 93 77	89 87 90 91	63 69 104 89	56 74 74 85	73 88 83 73	-
March	2,672	80 87 79 83	119 98 118 88	85 96 67 86	64 89 85 86	88 65 76 104	82 81 91 74	83 88 88 86	1
April	2,550	88 85 79 69 86	107 102 92 88	78 72 100 85	85 76 101 85	83 80 73 71	88 92 106 81	79 70 88 77 84	-
May	2,633	98 96 88 77	85 82 97 91 82	90 73 83 99 88	84 79 99 88 75	97 85 90 75	62 77 80 76	80 81 86 79	1
June	2,598	87 94 101 93	107 92 95 88	85 107 102 75	93 77 78 76	93 86 75 85 77	81 84 74 90 86	73 80 92 72	-
July	2,570	73 98 60 86 85	84 85 96 89 82	74 94 94 91	97 90 102 77	106 94 87 64	76 74 69 60	67 88 68 92 68	-
August	2,631	104 83 93 75	76 86 95 91	81 95 81 87 93	76 87 93 88 70	86 72 107 100 79	94 74 86 95	75 56 78 75	-
September	2,396	79 89 80 75	76 108 71 86	94 75 89 65	81 79 84 73	92 74 83 71	62 71 90 66 68	85 75 97 70 88	-
October	2,499	83 78 73 66 89	84 75 82 78 110	78 83 89 91 76	71 72 82 82	83 77 77 71	97 85 78 82	63 84 71 88	1
November	2,384	64 83 68 84	87 81 107 83	76 92 80 92	83 95 74 77 67	66 78 96 57 74	84 95 71 64	73 78 76 79	-
December	2,269	73 79 71 62 72	84 97 76 65	76 78 91 63	87 62 72 85	75 59 79 94	85 80 64 48 77	57 66 75 51 65	1

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Table 1-33. Deaths From Selected Causes, by Date of Death: United States, 1989—Con.

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[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)	22,909	3,811	3,061	2,923	2,955	2,900	3,223	4,015	21
January	1,942	105 70 57 68 60	61 67 68 65 56	51 51 73 49 64	44 58 50 54	54 60 63 56	57 52 72 66	79 78 74 58	2
February	1,647	50 76 67 48	46 68 66 52	55 66 54 54	72 47 44 58	48 48 56 52	66 55 55 54	58 75 77 78	2
March	1,829	68 62 56 71	52 56 43 56	52 53 42 50	57 47 57 51	59 49 53 61	54 69 58 61 60	99 87 77 57	
April	1,830	77 75 83 52 70	60 58 68 54	57 67 38 49	42 56 49 64	52 44 44 51	61 59 81 58	60 69 74 81 72	5
May	1,801	77 62 69 66	59 45 56 50 54	47 50 50 52 68	48 41 61 55 58	55 57 51 59	56 57 64 64	61 63 69 77	
June	1,830	59 70 69 71	55 62 60 48	53 48 46 64	61 50 59 65	54 56 61 49 60	54 56 69 76 55	66 69 77 85	3
July	2,020	65 82 73 73 76	61 63 63 48 55	84 54 58 66	81 55 67 51	50 49 52 56	74 50 55 67	75 82 74 80 81	
August	2,011	87 96 66 80	62 64 57 60	63 51 74 55 58	59 57 52 66 55	56 59 54 69 47	70 61 42 65	82 72 85 83	4
September	2,036	74 86 86 71	79 64 60 63	51 70 58 56	63 52 52 63	73 60 62 45	67 58 57 76 78	86 76 84 91 79	2
October	2,017	75 78 78 66 77	55 51 67 65 64	58 52 43 60 70	66 76 51 56	60 58 52 51	58 70 62 66	101 87 63 79	2
November	1,953	81 72 64 80	61 75 56 56	63 56 54 54	70 47 68 59 44	60 85 45 67 49	56 69 60 62	78 94 86 81	1
December	1,993	65 66 72 73 91	64 48 35 80	55 52 43 62	57 58 63 63	58 52 59 64	60 87 44 56 64	71 76 79 94 82	

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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, 1989
(Page 1 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	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
All causes								
All races, both sexes	2,094,043	36,488	60,524	80,919	118,266	260,058	481,224	1,056,564
Never married	214,392	30,271	29,408	21,190	14,688	20,916	30,208	67,711
Ever married	1,858,942	4,505	28,637	57,234	101,571	236,340	447,550	983,105
Married	915,028	3,799	20,393	37,807	70,806	164,782	280,566	336,875
Widowed	772,985	89	554	1,627	6,104	33,989	125,787	604,835
Divorced	170,929	617	7,690	17,800	24,661	37,569	41,197	41,395
Not stated	20,709	1,712	2,479	2,495	2,007	2,802	3,466	5,748
All races, male	1,081,890	27,165	44,154	55,328	74,823	159,609	278,406	442,405
Never married	132,593	23,014	23,306	16,690	10,853	14,662	18,847	25,221
Ever married	934,703	2,816	18,795	36,516	62,368	142,776	257,156	414,276
Married	643,345	2,408	13,344	23,839	44,503	109,015	196,483	253,753
Widowed	192,338	41	231	595	1,853	10,183	36,601	142,834
Divorced	99,020	367	5,220	12,082	16,012	23,578	24,072	17,689
Not stated	14,594	1,335	2,053	2,122	1,602	2,171	2,403	2,908
All races, female	1,012,153	9,323	16,370	25,591	43,443	100,449	202,818	614,159
Never married	81,799	7,257	6,102	4,500	3,835	6,254	11,361	42,490
Ever married	924,239	1,689	9,842	20,718	39,203	93,564	190,394	568,829
Married	271,683	1,391	7,049	13,968	26,303	55,767	84,083	83,122
Widowed	580,647	48	323	1,032	4,251	23,806	89,186	462,001
Divorced	71,909	250	2,470	5,718	8,649	13,991	17,125	23,706
Not stated	6,115	377	426	373	405	631	1,063	2,840
White, both sexes	1,815,876	27,177	43,390	58,931	91,633	215,435	418,538	960,772
Never married	166,528	22,034	18,981	13,326	9,556	15,401	25,056	62,174
Ever married	1,633,530	3,789	22,627	43,782	80,690	197,971	390,802	893,869
Married	810,064	3,155	15,826	29,119	57,532	142,073	251,883	310,476
Widowed	681,697	73	378	897	3,873	25,364	104,368	546,744
Divorced	141,769	561	6,423	13,766	19,285	30,534	34,551	36,649
Not stated	15,818	1,354	1,782	1,823	1,387	2,063	2,680	4,729
White, male	928,826	20,010	32,138	40,610	58,132	133,418	243,793	400,725
Never married	99,078	16,617	15,568	10,924	7,186	10,833	15,502	22,448
Ever married	818,171	2,347	15,046	28,103	49,822	120,994	226,448	375,957
Married	570,829	1,976	10,450	18,302	36,020	94,174	176,344	233,563
Widowed	166,983	34	165	343	1,164	7,500	29,982	127,195
Divorced	81,505	337	4,431	9,458	12,638	19,320	20,122	15,199
Not stated	11,031	1,046	1,524	1,583	1,124	1,591	1,843	2,320
White, female	887,050	7,167	11,252	18,321	33,501	82,017	174,745	560,047
Never married	67,450	5,417	3,413	2,402	2,370	4,568	9,554	39,726
Ever married	814,813	1,442	7,581	15,679	30,868	76,977	164,354	517,912
Married	239,235	1,179	5,376	10,817	21,512	47,899	75,539	76,913
Widowed	515,314	39	213	554	2,709	17,964	74,386	419,549
Divorced	60,264	224	1,992	4,308	6,647	11,214	14,429	21,450
Not stated	4,787	308	258	240	263	472	837	2,409
All other, both sexes	278,167	9,311	17,134	21,988	26,633	44,623	62,686	95,792
Never married	47,864	8,237	10,427	7,864	5,132	5,515	5,152	5,537
Ever married	225,412	716	6,010	13,452	20,881	38,369	56,748	89,236
Married	104,964	644	4,567	8,688	13,274	22,709	28,683	26,399
Widowed	91,288	16	176	730	2,231	8,625	21,419	58,091
Divorced	29,160	56	1,267	4,034	5,376	7,035	6,646	4,746
Not stated	4,891	358	697	672	620	739	786	1,019
All other, male	153,064	7,155	12,016	14,718	16,691	26,191	34,613	41,680
Never married	33,515	6,397	7,738	5,766	3,667	3,829	3,345	2,773
Ever married	115,986	469	3,749	8,413	12,546	21,782	30,708	38,319
Married	72,516	432	2,894	5,537	8,483	14,841	20,139	20,190
Widowed	25,955	7	66	252	689	2,683	6,619	15,639
Divorced	17,515	30	789	2,624	3,374	4,258	3,950	2,490
Not stated	3,563	289	529	539	478	580	560	588
All other, female	125,103	2,156	5,118	7,270	9,942	18,432	28,073	54,112
Never married	14,349	1,840	2,689	2,098	1,465	1,686	1,807	2,764
Ever married	109,426	247	2,261	5,039	8,335	16,587	26,040	50,917
Married	32,448	212	1,673	3,151	4,791	7,868	8,544	6,209
Widowed	65,333	9	110	478	1,542	5,942	14,800	42,452
Divorced	11,645	26	478	1,410	2,002	2,777	2,696	2,256
Not stated	1,328	69	168	133	142	159	226	431
Black, both sexes	251,198	8,157	15,632	20,075	24,110	40,520	56,959	85,745
Never married	44,465	7,282	9,773	7,451	4,875	5,215	4,936	5,033
Ever married	202,425	604	5,235	12,004	18,683	34,642	51,415	79,842
Married	91,500	543	3,959	7,585	11,581	20,002	25,280	22,550
Widowed	83,812	14	158	673	2,084	8,051	19,891	52,941
Divorced	27,113	47	1,118	3,746	5,018	6,589	6,244	4,351
Not stated	4,308	271	624	620	552	663	708	870
Black, male	137,253	6,302	10,975	13,521	15,174	23,786	31,240	36,255
Never married	30,919	5,682	7,209	5,447	3,485	3,619	3,110	2,373
Ever married	103,219	399	3,292	7,574	11,260	19,651	27,628	33,415
Married	63,192	367	2,545	4,914	7,470	13,121	17,732	17,043
Widowed	23,804	7	57	234	640	2,637	6,190	14,139
Divorced	16,223	25	690	2,426	3,150	3,993	3,706	2,233
Not stated	3,115	221	474	500	429	522	502	467
Black, female	113,945	1,855	4,657	6,554	8,936	16,734	25,719	49,490
Never married	13,546	1,600	2,584	2,004	1,390	1,602	1,726	2,660
Ever married	99,206	205	1,943	4,430	7,423	14,991	23,787	46,427
Married	28,308	176	1,414	2,671	4,111	6,881	7,548	5,507
Widowed	60,008	7	101	439	1,444	5,514	13,701	38,802
Divorced	10,890	22	428	1,320	1,868	2,596	2,538	2,118
Not stated	1,193	50	150	120	123	141	206	403

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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, 1989—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	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	21,773	613	7,759	8,563	3,285	1,144	327	82
Never married	13,846	531	5,828	5,230	1,693	479	80	5
Ever married	6,289	53	1,430	2,619	1,315	566	231	75
Married	3,081	39	844	1,199	549	288	127	35
Widowed	468	3	75	139	89	69	58	35
Divorced	2,740	11	511	1,281	677	209	46	5
Not stated	1,636	29	501	714	277	99	16	2
All races, male	19,597	502	6,806	7,840	3,083	1,054	260	52
Never married	12,859	446	5,256	4,947	1,661	470	77	2
Ever married	5,166	30	1,076	2,204	1,151	469	167	49
Married	2,541	22	624	1,007	492	260	103	33
Widowed	214	1	22	61	46	41	28	15
Divorced	2,411	7	430	1,136	613	188	36	1
Not stated	1,572	26	474	689	271	95	16	1
All races, female	2,176	111	953	723	202	90	67	30
Never married	987	85	572	283	32	9	3	3
Ever married	1,123	23	354	415	164	77	64	26
Married	540	17	220	192	57	28	24	2
Widowed	254	2	53	78	43	28	30	20
Divorced	329	4	81	145	64	21	10	4
Not stated	66	3	27	25	6	4	-	1
White, both sexes	14,953	364	5,137	5,827	2,446	860	249	70
Never married	9,561	305	3,857	3,670	1,305	363	56	5
Ever married	4,080	38	899	1,571	916	412	180	64
Married	1,801	25	469	615	345	210	105	32
Widowed	249	3	45	52	37	42	41	29
Divorced	2,030	10	385	904	534	160	34	3
Not stated	1,312	21	381	586	225	85	13	1
White, male	14,040	312	4,752	5,572	2,354	807	197	46
Never married	9,221	269	3,652	3,587	1,296	360	55	2
Ever married	3,535	23	729	1,411	835	365	129	43
Married	1,543	15	372	539	310	193	84	30
Widowed	129	1	15	29	26	27	19	12
Divorced	1,863	7	342	843	499	145	26	1
Not stated	1,284	20	371	574	223	82	13	1
White, female	913	52	385	255	92	53	52	24
Never married	340	36	205	83	9	3	1	3
Ever married	545	15	170	160	81	47	51	21
Married	258	10	97	76	35	17	21	2
Widowed	120	2	30	23	11	15	22	17
Divorced	167	3	43	61	35	15	8	2
Not stated	28	1	10	12	2	3	-	-
All other, both sexes	6,820	249	2,622	2,736	839	284	78	12
Never married	4,285	226	1,971	1,560	388	116	24	-
Ever married	2,209	15	531	1,048	399	154	51	11
Married	1,280	14	375	584	204	78	22	3
Widowed	219	-	30	87	52	27	17	6
Divorced	710	1	126	377	143	49	12	2
Not stated	326	8	120	128	52	14	3	1
All other, male	5,557	190	2,054	2,268	729	247	63	6
Never married	3,638	177	1,604	1,360	365	110	22	-
Ever married	1,631	7	347	793	316	124	38	6
Married	998	7	252	468	182	67	19	3
Widowed	85	-	7	32	20	14	9	3
Divorced	548	-	88	293	114	43	10	-
Not stated	288	6	103	115	48	13	3	-
All other, female	1,263	59	568	468	110	37	15	6
Never married	647	49	367	200	23	6	2	-
Ever married	578	8	184	255	83	30	13	5
Married	282	7	123	116	22	11	3	-
Widowed	134	-	23	55	32	13	8	3
Divorced	162	1	38	84	29	6	2	2
Not stated	38	2	17	13	4	1	-	1
Black, both sexes	6,630	242	2,559	2,661	809	272	76	11
Never married	4,174	219	1,930	1,516	375	111	23	-
Ever married	2,153	15	518	1,025	387	148	50	10
Married	1,249	14	370	572	196	73	21	3
Widowed	212	-	28	85	51	26	17	5
Divorced	692	1	120	368	140	49	12	2
Not stated	303	8	111	120	47	13	3	1
Black, male	5,389	184	1,997	2,201	701	239	62	5
Never married	3,534	171	1,565	1,318	352	106	22	-
Ever married	1,588	7	337	776	306	120	37	5
Married	972	7	248	459	174	63	18	3
Widowed	83	-	6	32	20	14	9	2
Divorced	533	-	83	285	112	43	10	-
Not stated	267	6	95	107	43	13	3	-
Black, female	1,241	58	562	460	108	33	14	6
Never married	640	48	365	198	23	5	1	-
Ever married	565	8	181	249	81	28	13	5
Married	277	7	122	113	22	10	3	-
Widowed	129	-	22	53	31	12	8	3
Divorced	159	1	37	83	28	6	2	2
Not stated	36	2	16	13	4	-	-	1

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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, 1989—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	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	494,362	1,851	5,314	15,742	39,138	96,111	155,028	181,178
Never married	32,850	1,461	1,697	2,268	3,212	5,979	8,095	10,138
Ever married	458,645	314	3,516	13,320	35,604	89,496	146,151	170,244
Married	277,118	281	2,992	10,320	26,900	65,538	96,337	74,750
Widowed	139,941	3	32	264	1,979	11,854	37,792	88,017
Divorced	41,586	30	492	2,736	6,725	12,104	12,022	7,477
Not stated	2,867	76	101	154	322	636	782	796
All races, male	262,324	1,074	2,593	6,929	19,715	53,583	87,350	91,080
Never married	17,648	887	1,040	1,262	1,881	3,733	4,587	4,258
Ever married	242,929	143	1,493	5,577	17,644	49,438	82,243	86,391
Married	182,871	129	1,275	4,419	13,923	39,785	65,554	57,786
Widowed	38,642	1	9	39	397	3,000	10,150	25,046
Divorced	21,416	13	209	1,119	3,324	6,653	6,539	3,559
Not stated	1,747	44	60	90	190	412	520	431
All races, female	232,038	777	2,721	8,813	19,423	42,528	67,678	90,098
Never married	15,202	574	657	1,006	1,331	2,246	3,508	5,880
Ever married	215,716	171	2,023	7,743	17,960	40,058	63,908	83,853
Married	94,247	152	1,717	5,901	12,977	25,753	30,783	16,964
Widowed	101,299	2	23	225	1,582	8,854	27,642	62,971
Divorced	20,170	17	283	1,617	3,401	5,451	5,483	3,918
Not stated	1,120	32	41	64	132	224	262	365
White, both sexes	432,694	1,483	4,295	12,647	31,945	82,127	136,625	163,572
Never married	26,347	1,144	1,235	1,533	2,072	4,464	6,734	9,165
Ever married	404,082	279	2,979	10,995	29,642	77,184	129,248	153,755
Married	247,832	249	2,546	8,664	22,910	57,855	87,121	68,487
Widowed	121,808	2	25	174	1,389	9,372	32,117	78,749
Divorced	34,442	28	408	2,157	5,363	9,957	10,010	6,519
Not stated	2,265	60	81	119	231	479	643	652
White, male	227,478	860	2,114	5,540	15,784	45,401	76,435	81,344
Never married	13,589	701	792	868	1,175	2,689	3,690	3,676
Ever married	212,545	127	1,272	4,601	14,478	42,409	72,327	77,331
Married	162,757	115	1,090	3,716	11,649	34,758	58,780	52,649
Widowed	32,442	-	6	21	246	2,233	8,226	21,710
Divorced	17,346	12	176	864	2,583	5,418	5,321	2,972
Not stated	1,344	32	50	73	131	303	418	337
White, female	205,216	623	2,181	7,107	16,161	36,726	60,190	82,228
Never married	12,758	443	443	667	897	1,775	3,044	5,489
Ever married	191,537	152	1,707	6,394	15,164	34,775	56,921	76,424
Married	85,075	134	1,456	4,948	11,261	23,097	28,341	15,838
Widowed	89,366	2	19	153	1,123	7,139	23,891	57,039
Divorced	17,096	16	232	1,293	2,780	4,539	4,689	3,547
Not stated	921	28	31	46	100	176	225	315
All other, both sexes	61,668	368	1,019	3,095	7,193	13,984	18,403	17,606
Never married	6,503	317	462	735	1,140	1,515	1,361	973
Ever married	54,563	35	537	2,325	5,962	12,312	16,903	16,489
Married	29,286	32	446	1,656	3,990	7,683	9,216	6,263
Widowed	18,133	1	7	90	610	2,482	5,675	9,268
Divorced	7,144	2	84	579	1,362	2,147	2,012	958
Not stated	602	16	20	35	91	157	139	144
All other, male	34,846	214	479	1,389	3,931	8,182	10,915	9,736
Never married	4,059	186	248	396	706	1,044	897	582
Ever married	30,384	16	221	976	3,166	7,029	9,916	9,060
Married	20,114	14	185	703	2,274	5,027	6,774	5,137
Widowed	6,200	1	3	18	151	767	1,924	3,336
Divorced	4,070	1	33	255	741	1,235	1,218	587
Not stated	403	12	10	17	59	109	102	94
All other, female	26,822	154	540	1,706	3,262	5,802	7,488	7,870
Never married	2,444	131	214	339	434	471	464	391
Ever married	24,179	19	316	1,349	2,796	5,283	6,987	7,429
Married	9,172	18	261	953	1,716	2,656	2,442	1,126
Widowed	11,933	-	4	72	459	1,715	3,751	5,932
Divorced	3,074	1	51	324	621	912	794	371
Not stated	199	4	10	18	32	48	37	50
Black, both sexes	55,299	319	857	2,650	6,428	12,602	16,614	15,829
Never married	6,086	280	421	682	1,090	1,444	1,270	899
Ever married	48,702	29	423	1,940	5,262	11,019	15,227	14,802
Married	25,292	26	342	1,316	3,392	6,686	8,065	5,465
Widowed	16,690	1	6	84	581	2,301	5,263	8,454
Divorced	6,720	2	75	540	1,289	2,032	1,899	883
Not stated	511	10	13	28	76	139	117	128
Black, male	31,315	185	392	1,187	3,564	7,405	9,874	8,708
Never married	3,787	163	216	366	687	996	833	526
Ever married	27,189	14	172	808	2,825	6,315	8,957	8,098
Married	17,552	12	142	555	1,970	4,404	5,972	4,497
Widowed	5,790	1	2	18	148	735	1,823	3,063
Divorced	3,847	1	28	235	707	1,176	1,162	538
Not stated	339	8	4	13	52	94	84	84
Black, female	23,984	134	465	1,463	2,864	5,197	6,740	7,121
Never married	2,299	117	205	316	403	448	437	373
Ever married	21,513	15	251	1,132	2,437	4,704	6,270	6,704
Married	7,740	14	200	761	1,422	2,282	2,093	968
Widowed	10,900	-	4	66	433	1,566	3,440	5,391
Divorced	2,873	1	47	305	582	856	737	345
Not stated	172	2	9	15	24	45	33	44

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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, 1989—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	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	46,779	136	687	1,432	2,784	6,942	13,168	21,630
Never married	3,753	115	335	323	363	593	819	1,205
Ever married	42,739	14	331	1,088	2,400	6,301	12,270	20,335
Married	20,314	11	198	694	1,640	4,188	7,015	6,568
Widowed	18,642	-	5	35	207	1,238	4,236	12,921
Divorced	3,783	3	128	359	553	875	1,019	846
Not stated	287	7	21	21	21	48	79	90
All races, male	19,707	68	412	890	1,556	3,382	5,921	7,478
Never married	1,963	61	224	224	243	349	450	412
Ever married	17,586	4	173	653	1,301	2,998	5,422	7,035
Married	12,166	2	92	406	943	2,291	4,095	4,337
Widowed	3,550	-	2	13	45	260	842	2,388
Divorced	1,870	2	79	234	313	447	485	310
Not stated	158	3	15	13	12	35	49	31
All races, female	27,072	68	275	542	1,228	3,560	7,247	14,152
Never married	1,790	54	111	99	120	244	369	793
Ever married	25,153	10	158	435	1,099	3,303	6,848	13,300
Married	8,148	9	106	288	697	1,897	2,920	2,231
Widowed	15,092	-	3	22	162	978	3,394	10,533
Divorced	1,913	1	49	125	240	428	534	536
Not stated	129	4	6	8	9	13	30	59
White, both sexes	38,007	88	526	1,084	1,994	5,149	10,608	18,558
Never married	2,813	70	236	204	225	402	640	1,036
Ever married	34,995	12	278	865	1,755	4,712	9,911	17,482
Married	16,931	9	163	549	1,248	3,296	5,900	5,766
Widowed	15,140	-	4	24	107	790	3,211	11,004
Divorced	2,924	3	111	292	400	626	800	682
Not stated	199	6	12	15	14	35	57	60
White, male	16,263	42	309	685	1,150	2,600	4,918	6,559
Never married	1,451	36	155	148	159	242	347	364
Ever married	14,702	3	146	528	982	2,331	4,535	6,177
Married	10,290	1	76	322	726	1,830	3,485	3,850
Widowed	2,927	-	2	9	24	169	652	2,071
Divorced	1,485	2	68	197	232	332	398	256
Not stated	110	3	8	9	9	27	36	18
White, female	21,744	46	217	399	844	2,549	5,690	11,999
Never married	1,362	34	81	56	66	160	293	672
Ever married	20,293	9	132	337	773	2,381	5,376	11,285
Married	6,641	8	87	227	522	1,466	2,415	1,916
Widowed	12,213	-	2	15	83	621	2,559	8,933
Divorced	1,439	1	43	95	168	294	402	436
Not stated	89	3	4	6	5	8	21	42
All other, both sexes	8,772	48	161	348	790	1,793	2,560	3,072
Never married	940	45	99	119	138	191	179	169
Ever married	7,744	2	53	223	645	1,589	2,359	2,873
Married	3,383	2	35	145	392	892	1,115	802
Widowed	3,502	-	1	11	100	448	1,025	1,917
Divorced	859	-	17	67	153	249	219	154
Not stated	88	1	9	6	7	13	22	30
All other, male	3,444	26	103	205	406	782	1,003	919
Never married	512	25	69	76	84	107	103	48
Ever married	2,884	1	27	125	319	667	887	858
Married	1,876	1	16	84	217	461	610	487
Widowed	623	-	4	4	21	91	190	317
Divorced	385	-	11	37	81	115	87	54
Not stated	48	-	7	4	3	8	13	13
All other, female	5,328	22	58	143	384	1,011	1,557	2,153
Never married	428	20	30	43	54	84	76	121
Ever married	4,860	1	26	98	326	922	1,472	2,015
Married	1,507	1	19	61	175	431	505	315
Widowed	2,879	-	1	7	79	357	835	1,600
Divorced	474	-	6	30	72	134	132	100
Not stated	40	1	2	2	4	5	9	17
Black, both sexes	7,947	46	149	336	713	1,630	2,323	2,750
Never married	883	43	92	116	125	180	172	155
Ever married	6,988	2	49	214	581	1,438	2,132	2,572
Married	2,986	2	33	138	349	798	950	676
Widowed	3,219	-	1	11	94	417	941	1,755
Divorced	783	-	15	65	138	223	201	141
Not stated	76	1	8	6	7	12	19	23
Black, male	3,068	25	94	197	365	707	905	775
Never married	475	24	64	75	77	102	97	86
Ever married	2,554	1	24	118	285	597	797	732
Married	1,646	1	15	79	195	412	543	401
Widowed	556	-	-	4	19	81	172	280
Divorced	352	-	9	35	71	104	82	51
Not stated	39	-	6	4	3	8	11	7
Black, female	4,879	21	55	139	348	923	1,418	1,975
Never married	408	19	28	41	48	78	75	119
Ever married	4,434	1	25	96	296	841	1,335	1,840
Married	1,340	1	18	59	154	386	447	275
Widowed	2,663	-	1	7	75	336	769	1,475
Divorced	431	-	6	30	67	119	119	90
Not stated	37	1	2	2	4	4	8	18

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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, 1989-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	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	732,423	938	3,462	11,782	30,922	81,351	165,787	438,181
Never married	53,483	772	1,501	2,317	3,382	6,654	10,775	28,082
Ever married	673,406	131	1,856	9,278	27,113	73,773	153,678	407,577
Married	308,933	118	1,416	6,704	19,510	52,311	97,029	131,845
Widowed	313,967	2	26	209	1,396	10,025	42,770	259,539
Divorced	50,506	11	414	2,365	6,207	11,437	13,879	16,193
Not stated	5,534	35	105	187	427	924	1,334	2,522
All races, male	367,408	590	2,362	8,842	23,051	56,235	101,619	174,709
Never married	28,082	504	1,097	1,731	2,574	4,953	7,083	10,140
Ever married	335,782	59	1,179	6,962	20,125	50,537	93,586	163,334
Married	231,200	52	902	5,124	15,027	39,230	71,904	98,961
Widowed	74,984	1	7	75	500	3,473	13,138	57,790
Divorced	29,598	6	270	1,763	4,598	7,834	8,544	6,583
Not stated	3,544	27	86	149	352	745	950	1,235
All races, female	365,015	348	1,100	2,940	7,871	25,116	64,168	263,472
Never married	25,401	268	404	586	808	1,701	3,692	17,942
Ever married	337,624	72	677	2,316	6,988	23,236	60,092	244,243
Married	77,733	66	514	1,580	4,483	13,081	25,125	32,884
Widowed	238,983	1	19	134	896	6,552	29,632	201,749
Divorced	20,908	5	144	602	1,609	3,603	5,335	9,610
Not stated	1,990	8	19	38	75	179	384	1,287
White, both sexes	647,913	631	2,346	8,577	23,943	67,133	144,406	400,877
Never married	44,975	504	881	1,341	2,169	4,973	9,073	26,034
Ever married	598,639	104	1,391	7,127	21,496	61,478	134,298	372,745
Married	276,980	98	1,050	5,215	15,884	45,018	87,481	122,234
Widowed	279,532	1	12	104	838	7,238	35,207	236,132
Divorced	42,127	5	329	1,808	4,774	9,222	11,610	14,379
Not stated	4,299	23	74	109	278	682	1,035	2,098
White, male	324,854	407	1,658	6,713	18,443	47,716	90,177	159,740
Never married	22,806	342	687	1,081	1,735	3,800	6,012	9,159
Ever married	299,358	50	908	5,558	16,471	43,366	83,430	149,575
Married	208,662	46	683	4,100	12,469	34,273	65,275	91,816
Widowed	65,976	1	4	45	328	2,530	10,944	52,064
Divorced	24,720	3	221	1,413	3,674	6,503	7,211	5,695
Not stated	2,690	15	63	94	237	550	735	996
White, female	323,059	224	688	1,864	5,500	19,417	54,229	241,137
Never married	22,169	162	194	280	434	1,173	3,061	16,885
Ever married	299,281	54	483	1,569	5,066	18,112	50,888	223,170
Married	68,318	52	367	1,115	3,415	10,745	22,206	30,418
Widowed	213,556	-	8	59	510	4,648	24,263	184,068
Divorced	17,407	2	108	395	1,100	2,719	4,399	8,684
Not stated	1,609	8	11	15	41	132	300	1,102
All other, both sexes	84,510	307	1,116	3,205	6,979	14,218	21,381	37,304
Never married	8,508	268	620	976	1,213	1,681	1,702	2,048
Ever married	74,767	27	465	2,151	5,617	12,295	19,380	34,832
Married	31,953	20	366	1,489	3,626	7,293	9,548	9,611
Widowed	34,435	1	14	105	558	2,787	7,563	23,407
Divorced	6,379	6	85	557	1,433	2,215	2,269	1,814
Not stated	1,295	12	31	78	149	242	299	424
All other, male	42,554	183	704	2,129	4,608	8,519	11,442	14,969
Never married	5,276	162	410	670	839	1,153	1,071	971
Ever married	36,424	9	271	1,404	3,654	7,171	10,156	13,759
Married	22,538	6	219	1,024	2,558	4,957	6,629	7,145
Widowed	9,008	-	3	30	172	883	2,194	5,726
Divorced	4,878	3	49	350	924	1,331	1,333	888
Not stated	854	12	23	55	115	195	215	239
All other, female	41,956	124	412	1,076	2,371	5,699	9,939	22,335
Never married	3,232	106	210	306	374	528	631	1,077
Ever married	38,343	18	194	747	1,963	5,124	9,224	21,073
Married	9,415	14	147	465	1,068	2,336	2,919	2,466
Widowed	25,427	1	11	75	386	1,904	5,369	17,681
Divorced	3,501	3	36	207	509	884	936	926
Not stated	381	-	8	23	34	47	84	185
Black, both sexes	77,000	284	1,052	2,991	6,431	13,083	19,587	33,572
Never married	7,996	249	591	937	1,600	1,601	1,601	1,856
Ever married	67,896	24	434	1,981	5,133	11,261	17,707	31,356
Married	28,231	17	340	1,346	3,243	6,551	8,505	8,229
Widowed	31,807	1	12	104	527	2,640	7,060	21,463
Divorced	7,858	6	82	531	1,363	2,070	2,142	1,684
Not stated	1,108	11	27	73	136	222	279	360
Black, male	38,100	169	666	1,868	4,205	7,759	10,353	12,980
Never married	4,891	151	391	636	798	1,095	994	826
Ever married	32,457	7	255	1,279	3,303	6,484	9,159	11,970
Married	19,670	4	205	918	2,266	4,417	5,857	6,003
Widowed	8,261	-	3	30	159	837	2,053	5,179
Divorced	4,526	3	47	331	878	1,230	1,249	788
Not stated	752	11	20	53	104	180	200	184
Black, female	38,900	115	386	1,023	2,226	5,324	9,234	20,592
Never married	3,105	98	200	301	364	505	607	1,030
Ever married	35,439	17	179	702	1,830	4,777	8,548	19,386
Married	8,561	13	135	428	977	2,134	2,648	2,226
Widowed	23,546	1	9	74	368	1,803	5,007	16,284
Divorced	3,332	3	35	200	485	840	893	876
Not stated	356	-	7	20	32	42	79	176

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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, 1989—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	145,283	232	913	2,354	4,583	10,541	26,306	100,354
Never married	10,435	181	338	499	504	859	1,734	6,320
Ever married	134,011	41	551	1,816	4,031	9,580	24,426	93,566
Married	53,732	39	437	1,251	2,810	6,464	14,576	28,155
Widowed	71,425	-	7	57	274	1,606	7,684	61,797
Divorced	8,854	2	107	508	947	1,510	2,166	3,614
Not stated	837	10	24	39	48	102	146	468
All races, male	57,177	115	458	1,272	2,426	5,704	13,303	33,899
Never married	4,213	96	190	313	323	527	984	1,800
Ever married	52,538	14	255	931	2,070	5,097	12,252	31,919
Married	35,114	14	212	652	1,503	3,849	9,240	19,644
Widowed	13,413	-	1	8	69	404	1,888	11,043
Divorced	4,011	-	42	271	498	844	1,124	1,232
Not stated	426	5	13	28	33	80	87	180
All races, female	88,106	117	455	1,082	2,157	4,837	13,003	66,455
Never married	6,222	85	148	186	181	332	770	4,520
Ever married	81,473	27	296	885	1,961	4,483	12,174	61,647
Married	18,618	25	225	599	1,307	2,615	5,336	8,511
Widowed	58,012	-	6	49	205	1,202	5,796	50,754
Divorced	4,843	2	65	237	449	666	1,042	2,382
Not stated	411	5	11	11	15	22	59	288
White, both sexes	125,332	160	597	1,450	3,003	7,775	21,600	90,747
Never married	8,479	116	178	223	250	552	1,356	5,804
Ever married	116,227	36	408	1,208	2,723	7,152	20,141	84,559
Married	46,415	34	326	854	1,962	5,018	12,476	25,745
Widowed	62,719	-	2	30	134	1,021	5,903	55,629
Divorced	7,093	2	80	324	627	1,113	1,762	3,185
Not stated	626	8	11	19	30	71	103	384
White, male	48,465	84	317	776	1,564	4,255	11,032	30,437
Never married	3,172	66	112	154	161	355	731	1,593
Ever married	44,981	13	198	608	1,381	3,843	10,239	28,699
Married	30,431	13	161	432	1,025	2,976	7,897	17,927
Widowed	11,417	-	-	6	25	242	1,416	9,728
Divorced	3,133	-	37	170	331	625	926	1,044
Not stated	312	5	7	14	22	57	62	145
White, female	76,867	76	280	674	1,439	3,520	10,568	60,310
Never married	5,307	50	66	69	89	197	625	4,211
Ever married	71,246	23	210	600	1,342	3,309	9,902	55,860
Married	15,984	21	165	422	937	2,042	4,579	7,818
Widowed	51,302	-	2	109	779	4,487	4,487	45,901
Divorced	3,960	2	43	154	298	488	836	2,141
Not stated	314	3	4	5	8	14	41	239
All other, both sexes	19,951	72	316	904	1,580	2,766	4,706	9,607
Never married	1,956	65	160	276	254	307	378	516
Ever married	17,784	5	143	608	1,308	2,428	4,285	9,007
Married	7,317	5	111	397	848	1,446	2,100	2,410
Widowed	8,706	-	5	27	140	585	1,781	6,168
Divorced	1,761	-	27	184	320	397	404	429
Not stated	211	2	13	20	18	31	43	84
All other, male	8,712	31	141	496	862	1,449	2,271	3,462
Never married	1,041	30	78	159	162	172	233	207
Ever married	7,557	1	57	323	689	1,254	2,013	3,220
Married	4,683	1	51	220	478	873	1,343	1,717
Widowed	1,996	-	1	2	44	162	472	1,315
Divorced	878	-	5	101	167	219	198	188
Not stated	114	-	6	14	11	23	25	35
All other, female	11,239	41	175	408	718	1,317	2,435	6,145
Never married	915	35	82	117	92	135	145	309
Ever married	10,227	4	86	285	619	1,174	2,272	5,787
Married	2,634	4	60	177	370	573	757	693
Widowed	6,710	-	4	25	96	423	1,309	4,853
Divorced	883	-	22	83	153	178	206	241
Not stated	97	2	7	6	7	8	18	49
Black, both sexes	17,907	64	294	819	1,420	2,491	4,275	8,544
Never married	1,847	57	154	264	243	289	357	483
Ever married	15,884	5	130	538	1,164	2,176	3,881	7,990
Married	6,279	5	99	338	737	1,251	1,834	2,015
Widowed	7,962	-	5	26	134	555	1,665	5,577
Divorced	1,643	-	26	174	293	370	382	398
Not stated	176	2	10	17	13	26	37	71
Black, male	7,700	28	127	452	782	1,322	2,040	2,949
Never married	963	27	73	151	153	161	217	161
Ever married	6,641	1	49	289	620	1,142	1,800	2,740
Married	4,002	1	43	190	421	783	1,170	1,394
Widowed	1,825	-	1	2	44	156	446	1,176
Divorced	814	-	5	97	155	203	184	170
Not stated	96	-	5	12	9	19	23	28
Black, female	10,207	36	167	367	638	1,169	2,235	5,595
Never married	884	30	81	113	90	128	140	302
Ever married	9,243	4	81	249	544	1,034	2,081	5,250
Married	2,277	4	56	148	316	468	684	621
Widowed	6,137	-	4	24	90	399	1,219	4,401
Divorced	829	-	21	77	138	167	198	228
Not stated	80	2	5	5	4	7	14	43

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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, 1989—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	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	75,549	271	881	1,415	1,707	3,880	10,418	56,977
Never married	7,841	232	541	541	411	557	1,022	4,537
Ever married	66,852	26	301	814	1,237	3,250	9,256	51,968
Married	23,363	24	208	465	756	2,018	5,297	14,595
Widowed	38,680	1	7	39	113	536	2,873	35,111
Divorced	4,809	1	86	310	368	696	1,086	2,262
Not stated	856	13	39	60	59	73	140	472
All races, male	35,124	147	523	931	1,091	2,460	6,359	23,613
Never married	4,153	136	363	419	309	425	691	1,810
Ever married	30,454	6	137	468	729	1,980	5,573	21,561
Married	17,472	6	98	258	447	1,325	3,850	11,488
Widowed	10,304	-	1	11	43	183	1,022	9,044
Divorced	2,678	-	38	199	239	472	701	1,029
Not stated	517	5	23	44	53	55	95	242
All races, female	40,425	124	358	484	616	1,420	4,059	33,364
Never married	3,688	96	178	122	102	132	331	2,727
Ever married	36,398	20	164	346	508	1,270	3,683	30,407
Married	5,891	18	110	207	309	693	1,447	3,107
Widowed	28,376	1	6	28	70	353	1,851	26,067
Divorced	2,131	1	48	111	129	224	385	1,233
Not stated	339	8	16	16	6	18	45	230
White, both sexes	67,213	185	527	830	1,158	3,041	8,894	52,578
Never married	6,475	158	306	292	260	400	826	4,233
Ever married	60,068	16	200	504	864	2,587	7,957	47,940
Married	20,828	15	135	283	542	1,646	4,691	13,516
Widowed	35,203	1	1	13	54	378	2,363	32,393
Divorced	4,037	-	64	208	268	563	903	2,031
Not stated	670	11	21	34	34	54	111	405
White, male	30,517	101	328	538	707	1,907	5,380	21,556
Never married	3,204	95	219	229	186	300	549	1,626
Ever married	26,927	2	95	282	492	1,565	4,758	19,733
Married	15,592	2	65	147	305	1,072	3,391	10,610
Widowed	9,163	-	-	3	16	116	804	8,224
Divorced	2,172	-	30	132	171	377	563	899
Not stated	386	4	14	27	29	42	73	197
White, female	36,696	84	199	292	451	1,134	3,514	31,022
Never married	3,271	63	87	63	74	100	277	2,607
Ever married	33,141	14	105	222	372	1,022	3,199	28,207
Married	5,236	13	70	136	237	574	1,300	2,906
Widowed	26,040	1	1	10	38	262	1,559	24,169
Divorced	1,865	-	34	76	97	186	340	1,132
Not stated	284	7	7	7	5	12	38	208
All other, both sexes	8,336	86	354	585	549	839	1,524	4,399
Never married	1,366	74	235	249	151	157	196	304
Ever married	6,784	10	101	310	373	663	1,299	4,028
Married	2,535	9	73	182	214	372	606	1,079
Widowed	3,477	-	6	26	59	158	510	2,718
Divorced	772	1	22	102	100	133	183	231
Not stated	186	2	18	26	25	19	29	67
All other, male	4,607	46	195	393	384	553	979	2,057
Never married	949	41	144	190	123	125	142	184
Ever married	3,527	4	42	186	237	415	815	1,828
Married	1,880	4	33	111	142	253	459	878
Widowed	1,141	-	1	8	27	67	218	820
Divorced	506	-	8	67	68	95	138	130
Not stated	131	1	9	17	24	13	22	45
All other, female	3,729	40	159	192	165	286	545	2,342
Never married	417	33	91	59	28	32	54	120
Ever married	3,257	6	59	124	136	248	484	2,200
Married	655	5	40	71	72	119	147	201
Widowed	2,336	-	5	18	32	91	292	1,898
Divorced	266	1	14	35	32	38	45	101
Not stated	55	1	9	9	1	6	7	22
Black, both sexes	7,272	80	344	556	502	755	1,380	3,675
Never married	1,268	70	231	239	142	148	184	254
Ever married	5,843	8	96	292	338	590	1,151	3,368
Married	2,104	7	68	168	191	317	517	836
Widowed	3,029	-	6	25	55	147	467	2,328
Divorced	710	1	22	98	92	126	167	204
Not stated	161	2	17	25	22	17	25	53
Black, male	3,992	43	191	373	353	510	879	1,643
Never married	867	38	142	182	115	118	132	140
Ever married	3,019	4	41	175	217	381	729	1,472
Married	1,556	4	32	103	130	222	395	670
Widowed	988	-	1	8	25	65	206	692
Divorced	465	-	8	64	62	93	128	110
Not stated	106	1	8	16	21	11	18	31
Black, female	3,280	37	153	183	149	245	481	2,032
Never married	401	32	89	57	27	30	52	114
Ever married	2,824	4	55	117	121	209	422	1,898
Married	548	3	36	65	61	95	122	166
Widowed	2,031	-	5	18	30	81	261	1,636
Divorced	245	1	14	34	30	33	39	94
Not stated	55	1	9	9	1	6	7	22

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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, 1989—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	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	84,122	176	318	632	2,283	10,748	27,065	42,900
Never married	5,216	151	154	174	251	738	1,437	2,311
Ever married	78,276	15	152	441	1,994	9,907	25,436	40,331
Married	38,845	13	125	271	1,235	5,984	14,520	16,697
Widowed	31,084	1	1	19	186	1,799	7,856	21,222
Divorced	8,347	1	26	151	573	2,124	3,060	2,412
Not stated	630	10	12	17	38	103	192	258
All races, male	48,041	96	169	334	1,141	5,997	15,762	24,542
Never married	3,274	88	97	103	168	562	1,026	1,230
Ever married	44,330	3	66	219	948	5,363	14,591	23,140
Married	28,674	1	54	126	616	3,679	10,337	13,861
Widowed	11,055	1	1	6	42	484	2,521	8,000
Divorced	4,601	1	11	87	290	1,200	1,733	1,279
Not stated	437	5	6	12	25	72	145	172
All races, female	36,081	80	149	298	1,142	4,751	11,303	18,358
Never married	1,942	63	57	71	83	176	411	1,081
Ever married	33,946	12	86	222	1,046	4,544	10,845	17,191
Married	10,171	12	71	145	619	2,305	4,183	2,836
Widowed	20,029	-	-	13	144	1,315	5,335	13,222
Divorced	3,746	-	15	64	283	924	1,327	1,133
Not stated	193	5	6	5	13	31	47	86
White, both sexes	77,745	112	187	397	1,857	9,622	25,064	40,506
Never married	4,432	90	72	91	165	587	1,260	2,167
Ever married	72,799	13	107	295	1,669	8,960	23,643	38,112
Married	36,266	12	90	185	1,046	5,477	13,613	15,843
Widowed	28,982	1	-	16	145	1,572	7,230	20,018
Divorced	7,551	-	17	94	478	1,911	2,800	2,251
Not stated	514	9	8	11	23	75	161	227
White, male	43,982	55	93	198	907	5,342	14,491	22,936
Never married	2,738	48	40	57	114	463	894	1,122
Ever married	40,870	2	49	133	776	4,828	13,413	21,669
Married	26,680	1	43	84	500	3,348	9,603	13,101
Widowed	10,089	1	-	3	32	403	2,248	7,402
Divorced	4,101	-	6	46	244	1,077	1,562	1,166
Not stated	354	5	4	8	17	51	124	145
White, female	33,783	57	94	199	950	4,280	10,633	17,570
Never married	1,694	42	34	34	51	124	366	1,045
Ever married	31,929	11	58	162	893	4,132	10,230	16,443
Married	9,586	11	47	101	546	2,129	4,010	2,742
Widowed	18,893	-	-	13	113	1,169	4,982	12,616
Divorced	3,450	-	11	48	234	834	1,238	1,085
Not stated	160	4	4	3	6	24	37	82
All other, both sexes	6,377	64	131	235	426	1,126	2,001	2,394
Never married	784	61	82	83	86	151	177	144
Ever married	5,477	2	45	146	325	947	1,793	2,219
Married	2,579	1	35	86	189	507	907	854
Widowed	2,102	-	1	3	41	227	626	1,204
Divorced	796	1	9	57	95	213	260	161
Not stated	116	1	4	6	15	28	31	31
All other, male	4,079	41	76	136	234	655	1,331	1,606
Never married	536	40	57	46	54	99	132	108
Ever married	3,460	1	17	86	172	535	1,178	1,471
Married	1,994	-	11	42	116	331	734	760
Widowed	966	-	1	3	10	81	273	588
Divorced	500	1	5	41	46	123	171	113
Not stated	83	-	2	4	8	21	21	27
All other, female	2,298	23	55	99	192	471	670	788
Never married	248	21	25	37	32	52	45	36
Ever married	2,017	1	28	60	153	412	615	748
Married	585	1	24	44	73	176	173	94
Widowed	1,136	-	-	-	31	146	353	606
Divorced	296	-	4	16	49	90	89	48
Not stated	33	1	2	2	7	7	10	4
Black, both sexes	5,595	60	122	214	388	1,010	1,774	2,027
Never married	721	57	79	77	83	142	165	118
Ever married	4,774	2	39	132	291	845	1,582	1,883
Married	2,182	1	30	76	165	437	787	686
Widowed	1,865	-	-	3	37	211	580	1,054
Divorced	727	1	9	53	89	197	235	143
Not stated	100	1	4	5	14	23	27	26
Black, male	3,546	38	71	122	209	587	1,174	1,345
Never married	481	37	55	41	51	92	121	84
Ever married	2,996	1	14	78	150	479	1,036	1,238
Married	1,677	-	9	38	99	291	635	605
Widowed	858	-	-	3	8	72	245	530
Divorced	461	1	5	37	43	116	156	103
Not stated	69	-	2	3	8	16	17	23
Black, female	2,049	22	51	92	179	423	600	682
Never married	240	20	24	36	32	50	44	34
Ever married	1,778	1	25	54	141	366	546	645
Married	505	1	21	38	66	146	152	81
Widowed	1,007	-	-	-	29	139	315	524
Divorced	266	-	4	16	46	81	79	40
Not stated	31	1	2	2	6	7	10	3

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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, 1989—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	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	87,045	16,738	16,574	11,855	7,494	7,552	8,812	18,020
Never married	26,328	13,844	6,498	2,194	789	777	764	1,462
Ever married	58,411	2,131	9,465	9,304	6,518	6,611	7,945	16,437
Married	33,210	1,754	6,642	5,957	4,310	4,390	4,577	5,580
Widowed	14,221	46	166	220	389	911	2,454	10,035
Divorced	10,980	331	2,657	3,127	1,819	1,310	914	822
Not stated	2,306	763	611	357	187	164	103	121
All races, male	58,867	12,647	12,861	9,028	5,512	5,294	5,321	8,204
Never married	20,281	10,670	5,371	1,834	654	603	532	617
Ever married	36,687	1,378	6,964	6,880	4,697	4,549	4,713	7,506
Married	24,362	1,157	4,994	4,450	3,148	3,194	3,209	4,210
Widowed	4,490	19	66	103	162	365	863	2,912
Divorced	7,835	202	1,904	2,327	1,387	990	641	384
Not stated	1,899	599	526	314	161	142	76	81
All races, female	28,178	4,091	3,713	2,827	1,982	2,258	3,491	9,816
Never married	6,047	3,174	1,127	360	135	174	232	845
Ever married	21,724	753	2,501	2,424	1,821	2,062	3,232	8,931
Married	8,848	597	1,648	1,507	1,162	1,196	1,368	1,370
Widowed	9,731	27	100	117	227	546	1,591	7,123
Divorced	3,145	129	753	800	432	320	273	438
Not stated	407	164	85	43	26	22	27	40
White, both sexes	73,306	14,290	13,603	9,407	5,969	6,195	7,558	16,284
Never married	21,078	11,711	4,914	1,450	495	553	632	1,323
Ever married	50,379	1,915	8,196	7,691	5,335	5,517	6,853	14,872
Married	28,536	1,557	5,669	4,884	3,537	3,749	4,033	5,107
Widowed	12,426	43	138	157	300	703	2,042	9,043
Divorced	9,417	315	2,389	2,650	1,498	1,065	778	722
Not stated	1,849	664	493	266	139	125	73	89
White, male	48,990	10,710	10,612	7,180	4,338	4,302	4,531	7,317
Never married	16,111	8,967	4,121	1,231	403	419	439	531
Ever married	31,366	1,227	6,063	5,717	3,817	3,776	4,038	6,728
Married	20,862	1,016	4,286	3,663	2,560	2,708	2,796	3,833
Widowed	3,821	19	57	73	121	274	704	2,573
Divorced	6,683	192	1,720	1,981	1,136	794	538	322
Not stated	1,513	516	428	232	118	107	54	58
White, female	24,316	3,580	2,991	2,227	1,631	1,893	3,027	8,967
Never married	4,967	2,744	793	219	92	134	193	792
Ever married	19,013	688	2,133	1,974	1,518	1,741	2,815	8,144
Married	7,674	541	1,383	1,221	977	1,041	1,237	1,274
Widowed	8,605	24	81	84	179	429	1,338	6,470
Divorced	2,734	123	669	669	362	271	240	400
Not stated	336	148	65	34	21	18	19	31
All other, both sexes	13,739	2,448	2,971	2,448	1,525	1,357	1,254	1,736
Never married	5,250	2,133	1,584	744	294	224	132	139
Ever married	8,032	216	1,269	1,613	1,183	1,094	1,092	1,565
Married	4,674	197	973	1,073	773	641	544	473
Widowed	1,795	3	28	63	89	208	412	992
Divorced	1,563	16	268	477	321	245	136	100
Not stated	457	99	118	91	48	39	30	32
All other, male	9,877	1,937	2,249	1,848	1,174	992	790	887
Never married	4,170	1,703	1,250	603	251	184	93	86
Ever married	5,321	151	901	1,163	880	773	675	778
Married	3,500	141	708	787	588	486	413	377
Widowed	669	-	9	30	41	91	159	339
Divorced	1,152	10	184	346	251	196	103	62
Not stated	396	83	98	82	43	35	22	23
All other, female	3,862	511	722	600	351	365	464	849
Never married	1,080	430	334	141	43	40	39	53
Ever married	2,711	65	368	450	303	321	417	787
Married	1,174	56	265	286	185	155	131	96
Widowed	1,126	3	19	33	48	117	253	653
Divorced	411	6	84	131	70	49	33	38
Not stated	71	16	20	9	5	4	8	9
Black, both sexes	11,585	1,866	2,478	2,084	1,298	1,192	1,119	1,528
Never married	4,426	1,670	1,369	666	264	205	121	131
Ever married	6,788	163	1,008	1,333	991	955	969	1,369
Married	3,846	150	774	865	637	550	471	399
Widowed	1,586	2	23	51	74	182	372	882
Divorced	1,356	11	211	417	280	223	126	88
Not stated	371	53	101	85	43	32	29	28
Black, male	8,357	1,509	1,874	1,602	1,017	878	707	770
Never married	3,509	1,343	1,065	540	229	168	86	78
Ever married	4,529	118	724	986	750	680	600	671
Married	2,953	111	573	663	499	424	363	320
Widowed	587	-	9	24	34	78	144	298
Divorced	989	7	142	299	217	178	93	53
Not stated	319	48	85	76	39	30	21	21
Black, female	3,228	377	604	482	281	314	412	758
Never married	917	327	304	126	35	37	35	53
Ever married	2,259	45	284	347	241	275	369	698
Married	893	39	201	202	138	126	108	79
Widowed	999	2	14	27	40	104	228	584
Divorced	367	4	69	118	63	45	33	35
Not stated	52	5	16	9	5	2	8	7

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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, 1989—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	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	44,050	12,941	10,269	6,302	3,879	3,408	3,465	3,786
Never married	16,472	10,741	3,752	931	313	275	218	242
Ever married	26,451	1,654	6,206	5,260	3,508	3,086	3,215	3,522
Married	17,143	1,343	4,377	3,468	2,398	2,144	1,878	1,535
Widowed	3,728	39	116	132	220	425	1,014	1,782
Divorced	5,580	272	1,713	1,660	890	517	323	205
Not stated	1,127	546	311	111	58	47	32	22
All races, male	30,587	9,429	7,657	4,512	2,682	2,256	1,945	2,106
Never married	12,537	7,996	3,036	768	256	205	156	120
Ever married	17,161	1,023	4,358	3,651	2,378	2,013	1,768	1,970
Married	11,890	850	3,137	2,439	1,661	1,468	1,200	1,135
Widowed	1,440	16	43	55	86	163	345	732
Divorced	3,831	157	1,178	1,157	631	382	223	103
Not stated	889	410	263	93	48	38	21	16
All races, female	13,463	3,512	2,612	1,790	1,197	1,152	1,520	1,680
Never married	3,935	2,745	716	163	57	70	62	122
Ever married	9,290	631	1,848	1,609	1,130	1,073	1,447	1,552
Married	5,253	493	1,240	1,029	737	676	678	400
Widowed	2,288	23	73	77	134	262	669	1,050
Divorced	1,749	115	535	503	259	135	100	102
Not stated	238	136	48	18	10	9	11	6
White, both sexes	37,715	11,295	8,588	5,159	3,215	2,884	3,082	3,492
Never married	13,722	9,321	2,928	638	212	203	193	227
Ever married	23,039	1,492	5,405	4,428	2,956	2,642	2,865	3,251
Married	14,790	1,196	3,750	2,878	2,007	1,847	1,700	1,619
Widowed	3,316	37	101	98	188	360	883	1,442
Divorced	4,933	259	1,554	1,452	761	435	282	190
Not stated	954	482	255	93	47	39	24	14
White, male	25,958	8,168	6,423	3,681	2,185	1,884	1,706	1,911
Never married	10,381	6,896	2,388	530	175	147	137	108
Ever married	14,828	912	3,815	3,076	1,973	1,706	1,553	1,793
Married	10,190	748	2,698	2,021	1,369	1,253	1,066	1,035
Widowed	1,259	16	39	41	67	134	298	664
Divorced	3,379	148	1,078	1,014	537	319	189	94
Not stated	749	360	220	75	37	31	16	10
White, female	11,757	3,127	2,165	1,478	1,030	1,000	1,376	1,581
Never married	3,341	2,425	540	108	37	56	56	119
Ever married	8,211	580	1,590	1,352	983	936	1,312	1,458
Married	4,600	448	1,052	857	638	594	634	377
Widowed	2,057	21	62	57	121	226	585	985
Divorced	1,554	111	476	438	224	116	93	96
Not stated	205	122	35	18	10	8	8	4
All other, both sexes	6,335	1,646	1,681	1,143	664	524	383	294
Never married	2,750	1,420	824	293	101	72	25	15
Ever married	3,412	162	801	832	563	444	350	271
Married	2,353	147	627	590	391	297	178	123
Widowed	412	2	15	34	32	65	131	133
Divorced	647	13	159	208	129	82	41	15
Not stated	173	64	56	18	11	8	8	8
All other, male	4,629	1,261	1,234	831	497	372	239	195
Never married	2,156	1,100	648	238	81	58	19	12
Ever married	2,333	111	543	575	405	307	215	177
Married	1,700	102	439	418	292	215	134	100
Widowed	181	-	4	14	19	29	47	88
Divorced	452	9	100	143	94	63	34	9
Not stated	140	50	43	18	11	7	5	6
All other, female	1,706	385	447	312	167	152	144	99
Never married	594	320	176	55	20	14	6	3
Ever married	1,079	51	258	257	147	137	135	94
Married	653	45	188	172	99	82	44	23
Widowed	231	2	11	20	13	36	84	65
Divorced	195	4	59	65	35	19	7	6
Not stated	33	14	13	-	-	1	3	2
Black, both sexes	5,023	1,254	1,347	911	540	425	316	230
Never married	2,228	1,101	693	249	89	61	22	13
Ever married	2,679	124	610	647	441	359	286	212
Married	1,822	114	478	447	307	237	142	97
Widowed	319	1	10	26	24	50	106	102
Divorced	538	9	122	174	110	72	38	13
Not stated	116	29	44	15	10	5	8	5
Black, male	3,750	977	996	686	419	312	203	157
Never married	1,762	865	537	208	74	50	18	10
Ever married	1,889	87	424	463	335	258	180	142
Married	1,370	81	344	337	239	179	110	80
Widowed	145	-	4	9	15	24	39	54
Divorced	374	6	76	117	81	55	31	8
Not stated	99	25	35	15	10	4	5	5
Black, female	1,273	277	351	225	121	113	113	73
Never married	466	236	156	41	15	11	4	3
Ever married	790	37	186	184	106	101	106	70
Married	452	33	134	110	68	58	32	17
Widowed	174	1	6	17	9	26	67	48
Divorced	164	3	46	57	29	17	7	5
Not stated	17	4	9	-	-	1	3	-

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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, 1989—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	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	42,995	3,797	6,305	5,553	3,615	4,144	5,347	14,234
Never married	9,856	3,103	2,746	1,263	476	502	546	1,220
Ever married	31,960	477	3,259	4,044	3,010	3,525	4,730	12,915
Married	16,067	411	2,265	2,489	1,912	2,246	2,699	4,045
Widowed	10,493	7	50	88	169	486	1,440	8,253
Divorced	5,400	59	944	1,467	929	793	591	617
Not stated	1,179	217	300	246	129	117	71	99
All races, male	28,280	3,218	5,204	4,516	2,830	3,038	3,376	6,098
Never married	7,744	2,674	2,335	1,066	398	398	376	497
Ever married	19,526	355	2,606	3,229	2,319	2,536	2,945	5,536
Married	12,472	307	1,857	2,011	1,487	1,726	2,009	3,075
Widowed	3,050	3	23	48	76	202	518	2,180
Divorced	4,004	45	726	1,170	756	608	418	281
Not stated	1,010	189	263	221	113	104	55	65
All races, female	14,715	579	1,101	1,037	785	1,106	1,971	8,136
Never married	2,112	429	411	197	78	104	170	723
Ever married	12,434	122	653	815	691	989	1,785	7,379
Married	3,595	104	408	478	425	520	690	970
Widowed	7,443	4	27	40	93	284	922	6,073
Divorced	1,396	14	218	297	173	185	173	336
Not stated	169	28	37	25	16	13	16	34
White, both sexes	35,591	2,995	5,015	4,248	2,754	3,311	4,476	12,792
Never married	7,356	2,390	1,986	812	283	350	439	1,096
Ever married	27,340	423	2,791	3,263	2,379	2,875	3,988	11,621
Married	13,746	361	1,919	2,006	1,530	1,902	2,333	3,695
Widowed	9,110	6	37	59	112	343	1,159	7,394
Divorced	4,484	56	835	1,198	737	630	496	532
Not stated	895	182	238	173	92	86	49	75
White, male	23,032	2,542	4,189	3,499	2,153	2,418	2,825	5,406
Never married	5,730	2,071	1,733	701	228	272	302	423
Ever married	16,538	315	2,248	2,641	1,844	2,070	2,485	4,935
Married	10,672	268	1,588	1,642	1,191	1,455	1,730	2,798
Widowed	2,562	3	18	32	54	140	406	1,909
Divorced	3,304	44	642	967	599	475	349	228
Not stated	764	156	208	157	81	76	38	48
White, female	12,559	453	826	749	601	893	1,651	7,386
Never married	1,626	319	253	111	55	78	137	673
Ever married	10,802	108	543	622	535	805	1,503	6,686
Married	3,074	93	331	364	339	447	603	897
Widowed	6,548	3	19	27	58	203	753	5,485
Divorced	1,180	12	193	231	138	155	147	304
Not stated	131	26	30	16	11	10	11	27
All other, both sexes	7,404	802	1,290	1,305	861	833	871	1,442
Never married	2,500	713	760	451	193	152	107	124
Ever married	4,620	54	468	781	631	650	742	1,294
Married	2,321	50	346	483	382	344	366	350
Widowed	1,383	1	13	29	57	143	281	859
Divorced	916	3	109	269	192	163	95	85
Not stated	284	35	62	73	37	31	22	24
All other, male	5,248	676	1,015	1,017	677	620	551	692
Never married	2,014	603	602	365	170	126	74	74
Ever married	2,998	40	358	588	475	465	460	601
Married	1,800	39	269	369	271	279	279	277
Widowed	488	-	5	16	22	62	112	271
Divorced	700	1	84	203	157	139	69	53
Not stated	246	33	55	64	32	28	17	17
All other, female	2,156	126	275	288	184	213	320	750
Never married	486	110	158	86	23	26	33	50
Ever married	1,632	14	110	193	156	184	282	693
Married	521	11	77	114	86	73	87	73
Widowed	895	1	8	13	35	81	169	588
Divorced	216	2	25	66	35	30	26	32
Not stated	38	2	7	9	5	3	5	7
Black, both sexes	6,562	632	1,191	1,173	758	767	803	1,298
Never married	2,198	569	676	417	175	144	99	118
Ever married	4,109	39	398	686	550	596	683	1,157
Married	2,024	36	296	418	330	313	329	302
Widowed	1,267	1	13	25	50	132	266	780
Divorced	818	2	89	243	170	151	88	75
Not stated	255	24	57	70	33	27	21	23
Black, male	4,607	532	878	916	598	566	504	613
Never married	1,747	478	528	332	155	118	68	68
Ever married	2,640	31	300	523	415	422	420	529
Married	1,583	30	229	326	260	245	253	240
Widowed	442	-	5	15	19	54	105	244
Divorced	615	1	66	182	136	123	62	45
Not stated	220	23	50	61	28	26	16	16
Black, female	1,955	100	293	257	160	201	299	685
Never married	451	91	148	85	20	26	31	50
Ever married	1,469	8	98	163	135	174	263	628
Married	441	6	67	92	70	68	76	62
Widowed	825	1	8	10	31	78	161	536
Divorced	203	1	23	61	34	28	26	30
Not stated	35	1	7	9	5	1	5	7

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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, 1989—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	29,978	4,870	6,565	5,331	3,642	3,342	3,275	2,953
Never married	8,795	4,019	2,817	986	335	280	207	151
Ever married	20,495	653	3,544	4,210	3,253	3,018	3,039	2,778
Married	12,595	532	2,371	2,497	2,056	1,916	1,914	1,309
Widowed	2,782	15	74	117	169	429	700	1,278
Divorced	5,118	106	1,099	1,596	1,028	673	425	191
Not stated	688	198	204	135	54	44	29	24
All races, male	23,906	4,106	5,339	4,103	2,711	2,510	2,675	2,462
Never married	7,478	3,416	2,406	835	286	237	171	127
Ever married	15,854	523	2,765	3,155	2,381	2,237	2,478	2,315
Married	10,060	431	1,854	1,872	1,524	1,514	1,656	1,209
Widowed	1,866	13	62	72	97	213	464	945
Divorced	3,928	79	849	1,211	760	510	358	161
Not stated	574	167	168	113	44	36	26	20
All races, female	6,072	764	1,226	1,228	931	832	600	491
Never married	1,317	603	411	151	49	43	36	24
Ever married	4,641	130	779	1,055	872	781	561	463
Married	2,535	101	517	625	532	402	258	100
Widowed	916	2	12	45	72	216	236	333
Divorced	1,190	27	250	385	268	163	67	30
Not stated	114	31	36	22	10	8	3	4
White, both sexes	27,214	4,142	5,697	4,817	3,418	3,167	3,115	2,858
Never married	7,538	3,401	2,360	862	304	263	201	147
Ever married	19,070	571	3,160	3,831	3,065	2,866	2,889	2,688
Married	11,656	460	2,071	2,262	1,939	1,824	1,824	1,276
Widowed	2,605	11	57	97	150	396	667	1,227
Divorced	4,809	100	1,032	1,472	976	646	398	185
Not stated	606	170	177	124	49	38	25	23
White, male	21,696	3,498	4,622	3,709	2,549	2,384	2,543	2,391
Never married	6,418	2,896	2,021	730	259	223	165	124
Ever married	14,765	454	2,454	2,873	2,250	2,130	2,356	2,248
Married	9,317	371	1,612	1,693	1,435	1,445	1,580	1,181
Widowed	1,753	9	47	61	87	194	443	912
Divorced	3,695	74	795	1,119	728	491	333	155
Not stated	513	148	147	106	40	31	22	19
White, female	5,518	644	1,075	1,108	869	783	572	467
Never married	1,120	505	339	132	45	40	36	23
Ever married	4,305	117	706	958	815	736	533	440
Married	2,339	89	459	569	504	379	244	95
Widowed	852	2	10	36	63	202	224	315
Divorced	1,114	26	237	353	248	155	65	30
Not stated	93	22	30	18	9	7	3	4
All other, both sexes	2,764	728	868	514	224	175	160	95
Never married	1,257	618	457	124	31	17	6	4
Ever married	1,425	82	384	379	188	152	150	90
Married	939	72	300	235	117	92	90	33
Widowed	177	4	17	20	19	33	33	51
Divorced	309	6	67	124	52	27	27	6
Not stated	82	28	27	11	5	6	4	1
All other, male	2,210	608	717	394	162	126	132	71
Never married	1,060	520	385	105	27	14	6	3
Ever married	1,089	69	311	282	131	107	122	67
Married	743	60	242	179	89	69	76	28
Widowed	113	4	15	11	10	19	21	33
Divorced	233	5	54	92	32	19	25	6
Not stated	61	19	21	7	4	5	4	1
All other, female	554	120	151	120	62	49	28	24
Never married	197	98	72	19	4	3	-	1
Ever married	336	13	73	97	57	45	28	23
Married	196	12	58	56	28	23	14	5
Widowed	64	-	2	9	9	14	12	18
Divorced	76	1	13	32	20	8	2	-
Not stated	21	9	6	4	1	1	-	-
Black, both sexes	2,117	525	689	412	172	130	123	66
Never married	965	449	362	106	23	17	4	4
Ever married	1,100	60	309	299	147	108	116	61
Married	713	51	244	182	86	58	67	25
Widowed	124	4	14	14	13	27	22	30
Divorced	263	5	51	103	48	23	27	6
Not stated	52	16	18	7	2	5	3	1
Black, male	1,744	447	579	328	128	101	104	57
Never married	822	384	308	89	20	14	4	3
Ever married	883	52	257	235	106	83	97	53
Married	589	44	203	147	68	48	56	23
Widowed	90	4	12	7	9	18	16	24
Divorced	204	4	42	81	29	17	25	6
Not stated	39	11	14	4	2	4	3	1
Black, female	373	78	110	84	44	29	19	9
Never married	143	65	54	17	3	3	-	1
Ever married	217	8	52	64	41	25	19	8
Married	124	7	41	35	18	10	11	2
Widowed	34	-	2	7	4	9	6	6
Divorced	59	1	9	22	19	6	2	-
Not stated	13	5	4	3	-	1	-	-

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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, 1989-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	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	21,588	6,185	7,135	4,019	1,885	1,085	740	539
Never married	10,244	5,091	3,638	965	292	138	75	45
Ever married	10,328	713	3,136	2,906	1,545	907	642	479
Married	6,382	619	2,175	1,769	866	500	306	147
Widowed	960	12	75	96	101	164	224	288
Divorced	2,986	82	886	1,041	578	243	112	44
Not stated	1,016	381	361	148	48	40	23	15
All races, male	16,951	5,112	5,648	3,149	1,475	816	472	279
Never married	8,662	4,300	3,065	829	262	119	56	31
Ever married	7,411	483	2,275	2,190	1,170	659	399	235
Married	4,823	440	1,630	1,372	674	390	219	98
Widowed	410	1	32	45	50	72	104	106
Divorced	2,178	42	613	773	446	197	76	31
Not stated	878	329	308	130	43	38	17	13
All races, female	4,637	1,073	1,487	870	410	269	268	260
Never married	1,582	791	573	136	30	19	19	14
Ever married	2,917	230	861	716	375	248	243	244
Married	1,559	179	545	397	192	110	87	49
Widowed	550	11	43	51	51	92	120	182
Divorced	808	40	273	268	132	46	36	13
Not stated	138	52	53	18	5	2	6	2
White, both sexes	10,605	2,489	3,300	2,147	1,177	669	468	355
Never married	3,728	1,796	1,273	361	146	81	44	27
Ever married	6,293	472	1,835	1,699	998	562	408	319
Married	3,808	400	1,193	1,013	563	316	215	108
Widowed	540	7	42	43	57	90	121	180
Divorced	1,945	65	600	643	378	156	72	31
Not stated	584	221	192	87	33	26	16	9
White, male	7,947	1,921	2,543	1,631	899	504	280	169
Never married	3,072	1,424	1,086	307	131	71	35	18
Ever married	4,363	306	1,286	1,248	736	409	234	144
Married	2,779	272	873	760	421	245	143	65
Widowed	198	-	14	19	26	34	46	59
Divorced	1,386	34	399	469	289	130	45	20
Not stated	512	191	171	76	32	24	11	7
White, female	2,658	568	757	516	278	165	188	186
Never married	656	372	187	54	15	10	9	9
Ever married	1,930	166	549	451	262	153	174	175
Married	1,029	128	320	253	142	71	72	43
Widowed	342	7	28	24	31	56	75	121
Divorced	559	31	201	174	89	26	27	11
Not stated	72	30	21	11	2	2	5	2
All other, both sexes	10,983	3,696	3,835	1,872	708	416	272	184
Never married	6,516	3,295	2,365	604	146	57	31	18
Ever married	4,035	241	1,301	1,207	547	345	234	160
Married	2,574	219	982	756	303	184	91	39
Widowed	420	5	33	53	44	74	103	108
Divorced	1,041	17	286	398	200	87	40	13
Not stated	432	160	169	61	15	14	7	6
All other, male	9,004	3,191	3,105	1,518	576	312	192	110
Never married	5,590	2,876	1,879	522	131	48	21	13
Ever married	3,048	177	989	942	434	250	165	91
Married	2,044	168	757	612	253	145	76	33
Widowed	212	1	18	26	24	38	58	47
Divorced	792	8	214	304	157	67	31	11
Not stated	366	138	137	54	11	14	6	6
All other, female	1,979	505	730	354	132	104	80	74
Never married	926	419	386	82	15	9	10	5
Ever married	987	64	312	265	113	95	69	69
Married	530	51	225	144	50	39	15	6
Widowed	208	4	15	27	20	36	45	61
Divorced	249	9	72	94	43	20	9	2
Not stated	66	22	32	7	4	-	1	-
Black, both sexes	10,411	3,541	3,644	1,749	661	389	252	175
Never married	6,274	3,169	2,289	576	139	54	30	17
Ever married	3,732	227	1,194	1,116	507	321	215	152
Married	2,376	207	905	697	280	171	81	35
Widowed	387	5	29	47	39	68	95	104
Divorced	969	15	260	372	188	82	39	13
Not stated	405	145	161	57	15	14	7	6
Black, male	8,576	3,068	2,963	1,429	540	294	178	104
Never married	5,391	2,779	1,911	497	126	46	20	12
Ever married	2,842	166	920	881	403	234	152	86
Married	1,901	157	706	573	233	135	68	29
Widowed	196	1	15	24	21	35	54	46
Divorced	745	8	199	284	149	64	30	11
Not stated	343	123	132	51	11	14	6	6
Black, female	1,835	473	681	320	121	95	74	71
Never married	883	390	378	79	13	8	10	5
Ever married	890	61	274	235	104	87	63	66
Married	475	50	199	124	47	36	13	6
Widowed	191	4	14	23	18	33	41	58
Divorced	224	7	61	88	39	18	9	2
Not stated	62	22	29	6	4	-	1	-

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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, 1989—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 causes								
All races, both sexes	355,141	4,478	10,916	17,794	20,543	37,362	70,298	193,750
Never married	41,601	3,874	6,061	5,693	3,456	3,862	5,200	13,455
Ever married	309,490	414	4,355	11,438	16,561	32,931	64,476	179,315
Married	137,455	369	2,985	6,680	10,174	21,185	38,868	57,194
Widowed	140,815	6	86	432	1,201	5,358	19,140	114,592
Divorced	31,220	39	1,284	4,326	5,166	6,388	6,468	7,529
Not stated	4,050	190	500	663	526	569	622	980
All races, male	172,788	2,708	6,983	12,010	13,062	22,574	39,364	76,087
Never married	23,980	2,410	4,197	4,193	2,492	2,684	3,210	4,794
Ever married	145,966	173	2,412	7,277	10,152	19,429	35,732	70,791
Married	94,062	154	1,609	4,153	6,206	13,498	26,316	42,126
Widowed	33,410	4	28	162	402	1,688	5,581	25,545
Divorced	18,494	15	775	2,962	3,544	4,243	3,835	3,120
Not stated	2,842	125	374	540	418	461	422	502
All races, female	182,353	1,770	3,933	5,784	7,481	14,788	30,934	117,663
Never married	17,621	1,464	1,864	1,500	964	1,178	1,990	8,661
Ever married	163,524	241	1,943	4,161	6,409	13,502	28,744	108,524
Married	43,393	215	1,376	2,527	3,988	7,687	12,552	15,068
Widowed	107,405	2	58	270	799	3,670	13,559	89,047
Divorced	12,726	24	509	1,364	1,642	2,145	2,633	4,409
Not stated	1,208	65	126	123	108	108	200	478
White, both sexes	300,894	3,233	7,175	11,748	14,723	29,697	59,951	174,367
Never married	31,102	2,739	3,669	3,299	2,165	2,763	4,234	12,233
Ever married	266,898	333	3,174	7,996	12,227	26,541	55,274	161,353
Married	119,011	296	2,114	4,595	7,556	17,664	34,424	52,362
Widowed	122,493	4	52	187	682	3,762	15,466	102,340
Divorced	25,394	33	1,008	3,214	3,989	5,115	5,384	6,851
Not stated	2,894	161	332	453	331	393	443	781
White, male	144,614	2,020	4,790	8,068	9,437	18,200	33,869	68,230
Never married	17,296	1,773	2,683	2,554	1,567	1,911	2,585	4,223
Ever married	125,305	140	1,846	5,144	7,604	15,972	30,989	63,810
Married	81,916	124	1,189	2,846	4,620	11,326	23,310	38,501
Widowed	28,468	3	20	74	233	1,218	4,480	22,440
Divorced	14,921	13	637	2,224	2,751	3,428	3,199	2,669
Not stated	2,013	107	261	370	266	317	295	397
White, female	156,280	1,213	2,385	3,680	5,286	11,497	26,082	106,137
Never married	13,806	966	986	745	598	852	1,649	8,010
Ever married	141,593	193	1,328	2,852	4,623	10,569	24,285	97,743
Married	37,095	172	925	1,749	2,936	6,338	11,114	13,861
Widowed	94,025	1	32	113	449	2,544	10,986	79,900
Divorced	10,473	20	371	990	1,238	1,687	2,185	3,982
Not stated	881	54	71	83	65	76	148	384
All other, both sexes	54,247	1,245	3,741	6,046	5,820	7,665	10,347	19,393
Never married	10,499	1,135	2,392	2,394	1,291	1,099	966	1,222
Ever married	42,592	81	1,181	3,442	4,334	6,390	9,202	17,962
Married	18,444	73	871	2,085	2,618	3,521	4,444	4,832
Widowed	18,322	2	34	245	519	1,596	3,674	12,252
Divorced	5,826	6	276	1,112	1,197	1,273	1,084	878
Not stated	1,156	29	168	210	195	176	179	199
All other, male	28,174	688	2,193	3,942	3,625	4,374	5,495	7,857
Never married	6,684	637	1,514	1,639	925	773	625	571
Ever married	20,661	33	566	2,133	2,548	3,457	4,743	7,181
Married	12,146	30	420	1,307	1,586	2,172	3,006	3,625
Widowed	4,942	1	8	169	169	470	1,101	3,105
Divorced	3,573	2	138	738	793	815	636	451
Not stated	829	18	113	170	152	144	127	105
All other, female	26,073	557	1,548	2,104	2,195	3,291	4,852	11,526
Never married	3,815	498	878	755	366	326	341	851
Ever married	21,931	48	615	1,309	1,786	2,933	4,459	10,781
Married	6,298	43	451	778	1,032	1,349	1,438	1,207
Widowed	13,380	1	26	157	350	1,126	2,573	9,147
Divorced	2,253	4	138	374	404	458	448	427
Not stated	327	11	55	40	43	32	52	94
Black, both sexes	49,435	1,110	3,444	5,603	5,288	6,966	9,456	17,566
Never married	9,825	1,019	2,255	2,272	1,229	1,025	909	1,116
Ever married	38,565	69	1,035	3,134	3,882	5,781	8,385	16,279
Married	16,242	63	754	1,887	2,305	3,110	3,942	4,161
Widowed	16,931	1	34	222	479	1,477	3,429	11,289
Divorced	5,392	5	247	1,025	1,098	1,194	1,014	809
Not stated	1,045	22	154	197	177	160	162	173
Black, male	25,466	606	2,021	3,662	3,310	3,984	4,964	6,919
Never married	6,199	565	1,419	1,552	877	715	584	487
Ever married	18,521	28	499	1,949	2,295	3,136	4,264	6,350
Married	10,674	26	369	1,189	1,415	1,922	2,655	3,098
Widowed	4,560	1	8	82	153	445	1,022	2,849
Divorced	3,287	1	122	678	727	769	587	403
Not stated	746	13	103	161	138	133	116	82
Black, female	23,969	504	1,423	1,941	1,978	2,982	4,492	10,649
Never married	3,626	454	836	720	352	310	325	629
Ever married	20,044	41	536	1,185	1,587	2,645	4,121	9,929
Married	5,568	37	385	698	890	1,188	1,287	1,083
Widowed	12,371	-	26	140	326	1,032	2,407	8,440
Divorced	2,105	4	125	347	371	425	427	406
Not stated	299	9	51	36	39	27	46	91

¹ Excludes figures for age not stated.

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Table 1-35. Deaths for Ages 15 Years and over, by Marital Status, Race and Sex: United States and Each State, 1989—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	18,983	2,580	16,317	11,070	3,399	1,848	86	17,451	1,411	16,024	4,660	10,159	1,205	16
White	12,847	1,313	11,484	8,169	2,154	1,161	50	11,998	803	11,185	3,319	7,112	754	10
All other	6,136	1,267	4,833	2,901	1,245	687	36	5,453	608	4,839	1,341	3,047	451	6
Black	6,073	1,252	4,787	2,866	1,236	685	34	5,402	602	4,794	1,323	3,024	447	6
Maine	5,556	568	4,974	3,380	1,067	527	14	5,424	431	4,990	1,420	3,180	390	3
White	5,540	563	4,963	3,371	1,067	525	14	5,408	431	4,974	1,414	3,170	390	3
All other	16	5	11	9	-	2	-	16	-	16	6	10	-	-
Black	3	1	2	1	-	1	-	1	-	1	1	-	-	-
Maryland	19,130	2,945	15,976	11,032	3,358	1,586	209	18,100	1,751	16,200	4,939	9,991	1,270	149
White	14,019	1,624	12,288	8,633	2,545	1,110	107	14,240	1,195	12,971	3,884	8,126	961	74
All other	5,111	1,321	3,688	2,399	813	476	102	3,860	556	3,229	1,055	1,865	309	75
Black	4,953	1,294	3,557	2,297	792	468	102	3,756	544	3,137	1,010	1,822	305	75
Massachusetts	25,631	3,906	21,672	14,770	5,047	1,855	53	27,353	3,782	23,552	6,676	15,333	1,543	19
White	24,508	3,597	20,865	14,237	4,891	1,737	46	26,458	3,624	22,819	6,407	14,964	1,448	15
All other	1,123	309	807	533	156	118	7	895	158	733	269	369	95	4
Black	974	284	683	441	133	109	7	779	149	626	216	320	90	4
Michigan	39,527	4,787	34,610	23,376	7,187	4,047	130	37,092	2,721	34,322	10,395	20,931	2,996	49
White	33,045	3,344	29,625	20,534	6,135	2,956	76	31,925	2,178	29,714	9,025	18,370	2,319	33
All other	6,482	1,443	4,985	2,842	1,052	1,091	54	5,167	543	4,608	1,370	2,561	677	16
Black	6,204	1,410	4,740	2,684	1,006	1,050	54	4,956	526	4,414	1,294	2,460	660	16
Minnesota	17,082	2,234	14,833	10,236	3,316	1,281	15	16,490	1,682	14,799	4,185	9,653	961	9
White	16,676	2,125	14,540	10,053	3,274	1,213	11	16,190	1,645	14,537	4,092	9,527	918	8
All other	406	109	293	183	42	68	4	300	37	262	93	126	43	1
Black	225	57	165	104	19	42	3	150	18	132	42	68	22	-
Mississippi	13,000	1,451	11,489	7,908	2,377	1,204	60	11,601	826	10,748	3,044	7,038	666	27
White	8,557	728	7,804	5,670	1,347	787	25	7,562	448	7,109	2,043	4,627	439	5
All other	4,443	723	3,685	2,238	1,030	417	35	4,039	378	3,639	1,001	2,411	227	22
Black	4,402	720	3,647	2,216	1,020	411	35	4,001	377	3,602	978	2,398	226	22
Missouri	24,907	2,666	22,149	15,223	4,630	2,296	92	24,388	1,860	22,496	6,223	14,693	1,580	32
White	22,159	2,106	19,996	13,939	4,122	1,935	57	21,938	1,660	20,258	5,654	13,270	1,334	20
All other	2,748	560	2,153	1,284	508	361	35	2,450	200	2,238	569	1,423	246	12
Black	2,645	548	2,062	1,216	496	350	35	2,366	199	2,155	528	1,392	235	12
Montana	3,551	392	3,142	2,142	645	355	17	3,009	183	2,822	888	1,723	211	4
White	3,377	357	3,004	2,069	616	319	16	2,904	166	2,734	850	1,685	199	4
All other	174	35	138	73	29	36	1	105	17	88	38	38	12	-
Black	6	1	4	1	2	1	1	5	-	5	2	3	-	-
Nebraska	7,313	803	6,497	4,539	1,400	558	13	7,192	568	6,621	1,863	4,350	408	3
White	7,054	752	6,300	4,424	1,363	513	12	6,985	545	6,437	1,812	4,244	381	3
All other	249	51	197	115	37	45	1	207	23	184	51	106	27	-
Black	181	33	147	88	27	32	1	161	18	143	34	89	20	-
Nevada	4,895	581	4,220	2,630	718	872	94	3,507	157	3,330	1,197	1,656	477	20
White	4,508	480	3,940	2,464	675	801	88	3,244	129	3,098	1,110	1,555	433	17
All other	387	101	280	166	43	71	6	263	28	232	87	101	44	3
Black	277	73	200	116	34	50	4	189	21	166	62	72	32	2
New Hampshire	4,122	432	3,687	2,567	773	347	3	4,144	401	3,743	1,162	2,333	248	-
White	4,107	428	3,676	2,561	772	343	3	4,132	399	3,733	1,155	2,330	248	-
All other	15	4	11	6	1	4	-	12	2	10	7	3	-	-
Black	11	3	8	5	1	2	-	7	1	6	4	2	-	-
New Jersey	35,043	5,214	29,741	20,572	6,864	2,305	88	34,877	3,680	31,165	9,272	19,979	1,914	32
White	30,047	3,724	26,269	18,346	6,137	1,786	54	30,973	2,969	27,981	8,243	18,191	1,547	23
All other	4,996	1,490	3,472	2,226	727	519	34	3,904	711	3,184	1,029	1,788	367	9
Black	4,765	1,449	3,283	2,068	703	512	33	3,733	701	3,023	947	1,716	360	9
New Mexico	5,620	697	4,894	3,264	921	709	29	4,575	295	4,268	1,419	2,407	442	12
White	5,105	574	4,506	3,014	854	638	25	4,231	247	3,975	1,303	2,253	419	9
All other	515	123	388	250	67	71	4	344	48	293	116	154	23	3
Black	93	17	73	46	9	18	3	85	8	76	26	44	6	1
New York	84,863	16,166	66,323	45,431	15,386	5,506	2,374	82,675	10,470	71,002	19,597	47,025	4,380	1,203
White	70,647	11,780	57,489	39,583	13,559	4,347	1,378	71,523	8,303	62,444	17,053	41,963	3,428	776
All other	14,216	4,386	8,834	5,848	1,827	1,159	996	11,152	2,167	8,558	2,544	5,062	952	427
Black	13,175	4,233	7,974	5,173	1,684	1,117	968	10,497	2,123	7,957	2,333	4,693	931	417
North Carolina	29,368	3,330	25,965	18,718	4,807	2,440	73	26,464	2,091	24,348	7,338	15,520	1,490	25
White	22,044	1,871	20,139	14,921	3,426	1,792	34	20,346	1,360	18,975	5,659	12,178	1,139	10
All other	7,324	1,459	5,826	3,797	1,381	648	39	6,118	731	5,372	1,679	3,342	351	15
Black	7,050	1,410	5,603	3,644	1,332	627	37	5,920	717	5,188	1,605	3,244	339	15
North Dakota	2,928	466	2,460	1,762	514	184	2	2,459	193	2,266	652	1,521	93	-
White	2,836	444	2,390	1,722	503	165	2	2,409	190	2,219	631	1,505	83	-
All other	92	22	70	40	11	19	-	50	3	47	21	16	10	-
Black	4	-	4	3	-	1	-	1	-	1	1	-	-	-
Ohio	48,240	4,939	43,161	29,327	9,407	4,427	140	47,856	3,656	44,140	12,579	27,883	3,678	60
White	42,824	4,012	38,728	26,674	8,458	3,596	84	43,226	3,295	39,890	11,417	25,344	3,129	41
All other	5,416	927	4,433	2,653	949	831	56	4,630	361	4,250	1,162	2,539	549	19
Black	5,310	908	4,349	2,592	931	826	53	4,541	348	4,174	1,130	2,498	546	19
Oklahoma	14,988	1,276	13,587	9,402	2,607	1,578	125	14,175	720	13,319	3,791	8,536	992	138
White	13,956	1,020	12,249	8,632	2,284	1,333	87	12,782	615	12,067	3,430	7,762	866	100
All other	1,632	256	1,338	770	323	245	38	1,393	105	1,252	362	774	126	26
Black	1,010	172	813	450	206	157	25	918	66	821	204	528	89	31

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Table 1-35. Deaths for Ages 15 Years and over, by Marital Status, Race and Sex: United States and Each State, 1989—Con.
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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	12,685	1,153	11,440	7,676	2,295	1,469	92	11,696	581	11,099	3,394	6,578	1,127	16
White	12,304	1,090	11,134	7,505	2,240	1,389	80	11,398	555	10,828	3,307	6,437	1,084	15
All other	381	63	306	171	55	80	12	298	26	271	87	141	43	1
Black	193	34	153	74	31	48	6	134	17	116	36	66	14	1
Pennsylvania	60,921	7,944	52,817	36,583	12,453	3,781	160	60,442	6,582	53,774	15,458	35,441	2,875	86
White	54,677	6,420	48,160	33,588	11,400	3,172	97	55,012	5,819	49,138	14,163	32,500	2,475	55
All other	6,244	1,524	4,657	2,995	1,053	609	63	5,430	763	4,636	1,295	2,941	400	31
Black	6,046	1,499	4,486	2,864	1,018	604	61	5,309	754	4,525	1,244	2,884	397	30
Rhode Island	4,596	585	4,000	2,696	938	366	11	4,764	564	4,197	1,077	2,807	313	3
White	4,407	545	3,853	2,614	912	327	9	4,633	540	4,090	1,052	2,745	293	3
All other	189	40	147	82	26	39	2	131	24	107	25	62	20	-
Black	154	35	119	64	20	35	-	108	19	89	22	50	17	-
South Carolina	15,242	1,887	13,307	9,670	2,504	1,133	48	13,341	1,125	12,207	3,752	7,770	685	9
White	10,409	933	9,455	7,082	1,546	827	21	9,191	655	8,532	2,587	5,409	536	4
All other	4,833	954	3,852	2,588	958	306	27	4,150	470	3,675	1,165	2,361	149	5
Black	4,804	949	3,829	2,569	956	304	26	4,122	467	3,650	1,156	2,346	148	5
South Dakota	3,398	534	2,862	2,027	607	228	2	2,987	233	2,752	762	1,847	143	2
White	3,165	475	2,689	1,936	562	191	1	2,834	206	2,627	717	1,792	118	1
All other	233	59	173	91	45	37	1	153	27	125	45	55	25	1
Black	2	-	2	1	1	-	-	2	-	2	1	-	1	-
Tennessee	23,383	2,293	21,053	14,431	4,104	2,518	37	20,983	1,508	19,483	5,536	12,450	1,477	12
White	19,481	1,620	17,840	12,530	3,248	2,062	21	17,510	1,184	16,320	4,710	10,381	1,229	6
All other	3,902	673	3,213	1,901	856	456	16	3,473	324	3,143	826	2,069	248	6
Black	3,874	670	3,188	1,880	855	453	16	3,443	322	3,115	809	2,060	246	6
Texas	64,244	7,397	56,431	39,519	10,299	6,613	416	56,439	3,518	52,790	15,882	32,378	4,530	131
White	55,179	5,799	49,064	34,955	8,643	5,466	316	49,172	2,896	46,176	13,996	28,415	3,765	100
All other	9,065	1,598	7,367	4,564	1,656	1,147	100	7,267	622	6,614	1,886	3,963	765	31
Black	8,741	1,540	7,105	4,355	1,629	1,121	96	7,056	613	6,412	1,781	3,877	754	31
Utah	4,560	397	4,139	2,943	766	430	24	4,228	230	3,991	1,325	2,347	319	7
White	4,435	371	4,043	2,884	746	413	21	4,131	218	3,907	1,292	2,302	313	6
All other	125	26	96	59	20	17	3	97	12	84	33	45	6	1
Black	42	3	36	19	8	9	3	32	3	29	7	17	5	-
Vermont	2,313	282	2,030	1,372	451	207	1	2,179	225	1,953	551	1,255	147	1
White	2,308	281	2,026	1,370	450	206	1	2,176	223	1,952	551	1,254	147	1
All other	5	1	4	2	1	1	-	3	2	1	-	1	-	-
Black	4	1	3	2	-	1	-	2	1	1	-	1	-	-
Virginia	23,685	3,042	20,562	14,415	4,092	2,055	81	22,147	1,834	20,260	6,204	12,479	1,577	53
White	18,199	1,814	16,349	11,755	3,065	1,529	36	17,483	1,283	16,167	4,939	10,026	1,202	33
All other	5,486	1,228	4,213	2,660	1,027	526	45	4,664	551	4,093	1,265	2,453	375	20
Black	5,350	1,200	4,105	2,575	1,014	516	45	4,566	545	4,001	1,215	2,416	370	20
Washington	18,077	1,987	16,009	10,735	3,141	2,133	81	17,122	911	16,196	4,858	9,727	1,611	15
White	17,057	1,762	15,230	10,259	2,939	1,972	65	16,446	858	15,576	4,621	9,426	1,529	12
All other	1,020	225	779	476	142	161	16	676	53	620	237	301	82	3
Black	482	106	366	207	74	85	10	297	20	274	89	136	49	3
West Virginia	10,090	1,056	9,020	6,178	1,911	931	14	9,139	648	8,484	2,493	5,450	541	7
White	9,688	984	8,691	5,973	1,821	897	13	8,776	608	8,161	2,413	5,232	516	7
All other	402	72	329	205	90	34	1	363	40	323	80	218	25	-
Black	398	70	327	205	90	32	1	354	39	315	77	215	23	-
Wisconsin	20,979	2,588	18,387	12,603	4,209	1,575	4	20,490	1,917	18,510	5,340	12,092	1,078	3
White	20,216	2,383	17,829	12,291	4,104	1,434	4	19,832	1,841	17,988	5,190	11,826	972	3
All other	763	205	558	312	105	141	-	598	76	522	150	266	106	-
Black	616	167	449	245	87	117	-	490	64	426	110	224	92	-
Wyoming	1,684	167	1,511	1,016	280	215	6	1,463	71	1,389	427	843	119	3
White	1,647	159	1,483	1,000	275	208	5	1,428	65	1,360	415	829	116	3
All other	37	8	28	16	5	7	1	35	6	29	12	14	3	-
Black	6	-	6	2	2	2	-	3	-	3	2	-	1	-

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Table 1-36. Deaths by State of Residence, Distributed According to State or Country of Birth: 1989
(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	2,150,466	1,932,353	55,005	1,344	6,769	39,111	57,229	15,092	21,029	3,829	7,150	24,470	62,918	4,967	6,576	107,349	49,583	41,938	31,288	52,729
Alabama	39,006	38,582	31,173	6	10	179	63	24	32	7	21	440	1,283	6	7	269	156	58	71	226
Alaska	2,095	1,946	13	691	10	21	98	24	8	3	2	14	13	3	32	47	13	36	27	9
Arizona	26,212	25,558	158	11	3,710	495	837	421	162	20	30	54	106	14	135	2,425	765	1,005	646	421
Arkansas	24,647	24,230	283	4	24	15,932	135	57	13	1	5	40	83	3	15	709	184	281	312	159
California	216,619	174,912	1,431	210	1,820	4,999	47,793	3,259	881	95	220	578	1,037	916	1,082	9,283	3,028	4,986	4,402	1,589
Colorado	21,144	19,827	98	5	72	257	290	6,521	49	7	35	43	75	16	69	962	290	828	1,548	164
Connecticut	28,243	23,271	127	3	3	22	61	22	13,439	12	23	80	220	2	9	171	69	45	21	29
Delaware	5,843	5,499	29	-	1	6	9	6	27	2,474	25	27	54	3	-	36	21	13	14	19
District of Columbia	7,649	7,122	87	2	6	18	21	13	22	5	2,271	64	232	4	6	65	29	16	14	41
Florida	132,765	110,825	4,020	11	39	511	390	242	1,772	159	423	18,159	7,987	46	46	5,630	3,000	954	509	2,160
Georgia	52,258	51,258	2,806	11	20	138	123	43	68	10	57	910	37,676	12	10	458	258	119	83	374
Hawaii	6,502	4,873	9	1	6	12	211	30	14	-	7	7	8	3,572	11	90	43	25	21	17
Idaho	7,468	7,148	13	4	25	107	196	169	13	-	6	11	10	4	2,443	166	62	208	276	39
Illinois	103,366	92,424	1,352	41	27	1,653	233	177	83	8	31	137	697	29	26	62,324	1,956	1,736	458	1,486
Indiana	49,094	47,546	548	6	18	454	73	72	29	6	21	69	173	9	10	3,171	30,334	274	185	4,237
Iowa	27,195	26,357	30	5	4	77	65	83	10	1	5	11	20	-	11	1,232	138	20,225	277	77
Kansas	22,287	21,730	54	1	24	510	92	200	10	2	5	26	25	2	14	473	153	427	13,356	125
Kentucky	35,398	34,889	251	1	10	99	36	17	25	4	10	36	136	4	7	495	662	48	47	28,562
Louisiana	37,665	36,727	452	3	6	892	94	36	24	3	15	132	177	7	6	262	108	72	90	109
Maine	11,185	10,110	9	1	2	5	24	7	145	3	7	11	16	-	2	37	19	11	8	7
Maryland	38,353	35,087	194	3	8	66	88	34	132	225	2,164	124	303	7	2	327	145	97	60	185
Massachusetts	53,922	44,586	146	17	12	34	83	22	818	20	38	96	214	14	4	221	42	58	25	49
Michigan	78,861	71,060	2,068	28	30	1,209	127	84	129	13	46	218	1,434	18	22	2,523	1,738	418	241	1,409
Minnesota	34,307	32,365	45	6	11	57	83	43	24	3	13	15	22	-	11	750	114	1,965	123	42
Mississippi	25,366	25,049	986	3	9	332	45	10	16	4	10	77	136	6	3	193	75	32	37	112
Missouri	50,426	48,794	270	2	32	2,163	213	204	34	9	14	70	122	10	37	2,678	418	916	1,968	503
Montana	6,755	6,293	10	2	6	26	60	84	8	1	6	4	9	3	112	165	69	250	112	28
Nebraska	14,800	14,250	30	1	9	90	50	178	5	1	3	10	19	3	14	257	76	928	568	41
Nevada	8,649	7,769	56	3	75	175	773	183	45	3	14	28	37	15	106	495	178	186	156	76
New Hampshire	8,472	7,551	6	-	2	7	22	5	135	4	11	13	15	1	1	36	19	14	11	9
New Jersey	71,455	59,166	409	6	5	53	84	45	414	160	92	310	1,115	4	7	299	121	74	57	75
New Mexico	10,572	9,965	53	4	160	238	163	280	27	5	13	18	40	3	30	338	147	146	269	85
New York	171,679	128,114	1,098	9	23	165	260	87	1,063	69	194	737	1,689	20	20	662	237	193	92	225
North Carolina	57,477	56,511	346	2	12	86	71	39	106	28	92	281	999	11	15	338	188	105	63	248
North Dakota	5,510	5,146	2	2	1	6	10	10	-	1	1	2	1	-	5	72	28	127	15	5
Ohio	98,375	92,384	2,085	12	17	388	150	89	124	14	49	190	1,633	19	15	1,097	1,689	261	169	5,688
Oklahoma	29,816	29,250	228	5	45	2,451	211	108	15	2	12	41	116	8	22	455	230	282	1,285	249
Oregon	24,918	23,111	84	28	87	450	1,336	484	40	5	14	33	55	30	631	738	243	795	835	129
Pennsylvania	123,711	114,128	486	5	20	86	105	72	220	324	151	311	1,169	11	13	487	225	117	94	215
Rhode Island	9,557	7,946	7	2	-	7	21	4	222	7	9	13	15	1	1	29	11	7	2	14
South Carolina	29,618	29,148	233	3	7	62	42	27	59	15	31	203	1,411	8	8	162	100	51	34	137
South Dakota	6,549	6,301	3	-	1	12	16	35	5	-	-	1	3	2	2	147	27	542	46	6
Tennessee	45,452	44,893	1,354	4	11	697	89	40	31	1	25	146	982	9	6	499	283	88	80	1,308
Texas	124,878	115,914	1,243	48	178	3,033	765	433	137	29	64	363	654	33	65	1,877	879	808	1,234	736
Utah	9,239	8,643	20	1	71	41	190	211	14	-	3	13	20	5	486	116	45	57	104	27
Vermont	4,586	4,095	2	-	1	4	12	6	112	-	6	2	6	-	1	28	9	7	4	7
Virginia	47,172	45,528	235	4	15	103	149	50	160	48	781	184	417	13	21	384	181	145	125	445
Washington	36,163	32,434	146	122	65	467	1,035	528	61	9	27	70	121	58	918	930	380	1,018	850	199
West Virginia	19,558	19,148	94	2	3	10	16	16	15	3	26	18	47	-	1	74	55	16	11	495
Wisconsin	42,355	39,788	114	1	9	182	80	55	30	5	17	24	82	3	19	2,566	284	702	103	118
Wyoming	3,254	3,102	9	2	7	24	36	203	2	1	5	6	4	-	37	101	39	186	147	16

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Table 1-36. Deaths by State of Residence, Distributed According to State or Country of Birth: 1989—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	42,685	12,146	26,006	55,620	62,608	39,785	44,017	61,978	7,217	22,912	1,472	6,729	49,006	7,975	160,221	63,939	11,636	89,659	39,017	11,148	148,838
Alabama	203	27	27	74	133	43	1,177	151	15	31	1	11	75	9	219	164	16	201	96	8	223
Alaska	13	4	1	16	39	70	14	45	31	18	6	5	16	8	44	14	28	39	36	61	46
Arizona	155	64	102	373	1,015	734	135	1,041	146	489	25	48	365	393	1,545	105	220	1,289	895	122	1,239
Arkansas	555	7	15	47	138	88	909	1,034	12	96	4	2	30	34	112	63	21	161	792	16	145
California	3,605	482	562	2,916	3,819	4,027	1,907	6,733	1,224	2,947	421	286	1,927	1,479	8,533	775	1,633	5,189	7,228	1,868	5,877
Colorado	98	30	49	118	273	310	88	1,048	100	1,309	14	25	158	602	532	67	139	384	679	52	390
Connecticut	28	525	77	1,624	93	43	41	64	7	29	2	223	511	9	2,972	273	10	164	29	9	932
Delaware	8	17	578	56	22	12	8	11	2	7	-	5	208	3	243	95	8	50	8	6	948
District of Columbia	31	15	421	53	29	21	67	33	7	5	1	2	75	2	217	891	3	82	20	2	206
Florida	417	712	1,099	4,007	3,901	816	856	1,401	86	318	15	450	4,677	43	18,413	1,707	170	6,333	386	74	8,670
Georgia	164	35	113	199	237	66	366	237	14	54	4	23	227	8	719	855	12	475	126	10	539
Hawaii	8	8	11	46	37	31	2	37	14	14	7	8	31	5	142	12	9	54	26	28	64
Idaho	10	3	10	20	88	171	11	307	178	345	25	3	20	23	58	28	131	73	210	206	90
Illinois	753	35	101	256	1,060	722	4,779	2,783	73	348	8	26	212	36	842	171	195	907	378	42	1,074
Indiana	98	20	55	100	707	140	708	494	38	95	3	11	85	15	345	105	80	1,611	120	17	643
Iowa	11	7	8	23	86	554	59	992	30	685	1	5	30	7	100	28	109	100	117	14	109
Kansas	99	8	20	32	76	105	111	2,491	32	479	2	4	40	46	127	32	41	142	1,376	27	151
Kentucky	42	10	37	51	141	45	121	249	9	38	1	5	56	6	162	112	9	926	64	5	218
Louisiana	28,556	19	34	78	91	41	2,306	232	9	31	4	7	56	20	217	102	7	151	240	12	170
Maine	7	7,560	16	967	31	18	9	13	-	7	-	290	117	-	324	15	5	54	6	5	122
Maryland	71	62	18,006	341	146	99	101	144	17	50	3	29	435	12	1,314	1,607	27	440	67	16	2,599
Massachusetts	35	951	80	35,082	133	65	64	79	18	30	3	846	400	11	1,878	180	40	206	27	14	614
Michigan	369	59	122	289	43,174	499	1,742	892	71	156	4	33	249	17	1,055	391	155	2,743	236	24	2,270
Minnesota	21	14	23	51	342	23,381	53	220	90	289	2	7	39	11	200	19	1,198	131	53	21	163
Mississippi	740	8	18	36	58	30	20,402	136	4	18	3	5	31	8	98	62	4	87	83	12	103
Missouri	251	17	44	101	261	188	1,226	32,508	53	412	16	5	85	37	314	53	66	317	911	30	310
Montana	1	6	13	22	100	473	8	151	2,703	158	9	5	20	18	62	16	556	67	69	54	65
Nebraska	28	9	16	26	62	124	47	386	33	10,174	2	5	19	14	74	14	39	53	131	17	78
Nevada	146	22	31	153	200	189	94	299	99	176	708	13	128	64	537	37	44	279	255	99	362
New Hampshire	6	394	12	1,947	29	19	1	7	-	7	2	3,600	105	2	400	11	6	55	7	2	109
New Jersey	84	85	386	759	165	74	84	103	14	35	2	65	31,189	7	9,919	1,213	21	365	43	10	8,289
New Mexico	57	14	24	53	117	94	56	284	34	88	3	6	72	3,918	299	35	24	176	560	18	214
New York	262	222	488	1,732	544	170	378	261	23	95	5	162	2,890	24	96,859	2,613	55	882	104	34	6,167
North Carolina	66	52	202	224	188	71	122	126	13	43	1	31	314	7	1,019	43,343	16	384	73	14	745
North Dakota	-	1	3	3	17	655	-	21	38	29	-	-	3	1	7	1	3,731	15	8	7	10
Ohio	161	52	235	288	1,109	198	773	407	23	91	8	34	285	20	1,233	486	67	59,253	147	30	5,644
Oklahoma	191	10	26	44	122	94	210	1,551	28	212	2	1	56	109	179	68	32	235	16,371	22	197
Oregon	80	49	37	148	360	932	91	789	486	937	37	14	80	78	385	92	619	376	760	6,560	341
Pennsylvania	97	95	1,400	454	284	97	174	190	25	66	1	41	2,159	17	3,203	1,306	36	1,409	58	19	93,734
Rhode Island	9	69	19	1,141	34	3	3	8	5	1	-	58	81	2	302	30	-	36	6	2	108
South Carolina	50	30	82	115	108	34	86	81	8	20	1	23	183	9	499	1,675	13	221	32	11	369
South Dakota	2	1	4	8	26	355	2	64	29	319	1	-	4	3	20	6	187	17	23	4	21
Tennessee	167	20	61	89	279	47	2,685	376	11	49	2	5	101	21	296	693	18	382	131	8	299
Texas	4,533	79	175	379	760	476	1,318	1,812	92	472	14	48	361	570	1,420	411	143	1,128	5,045	106	1,194
Utah	21	5	13	28	45	56	14	86	66	90	50	5	23	92	84	15	31	58	68	34	87
Vermont	1	61	12	329	23	5	2	6	3	4	-	165	95	-	437	6	3	17	4	2	90
Virginia	93	72	724	384	22	109	108	206	33	75	6	38	442	18	1,321	3,573	3	489	102	29	1,341
Washington	181	66	66	230	571	1,759	110	1,028	1,043	931	40	35	133	75	559	176	1,326	452	696	1,322	489
West Virginia	10	6	317	20	42	17	14	21	1	5	-	2	34	2	95	152	5	709	16	6	672
Wisconsin	81	23	21	75	1,029	1,350	367	191	55	149	2	8	54	7	241	34	247	258	36	20	248
Wyoming	10	4	10	13	42	65	8	149	72	386	1	1	10	53	46	7	42	34	63	17	50

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Table 1-36. Deaths by State of Residence, Distributed According to State or Country of Birth: 1989—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	9,058	39,226	11,303	52,371	106,416	9,661	5,424	48,391	17,790	31,566	45,282	2,895	192,379	9,006	245	125	16,983	7,656	16,845	141,519	25,734
Alabama	9	129	5	961	247	9	12	108	16	94	54	3	300	6	-	-	31	5	3	255	124
Alaska	4	6	13	14	41	16	1	15	149	10	47	12	137	1	-	-	35	1	1	99	12
Arizona	65	36	268	235	1,302	206	46	136	236	282	756	75	2,487	15	1	-	301	18	856	1,296	167
Arkansas	6	31	34	595	789	6	5	42	25	64	107	5	274	1	-	-	21	3	6	243	143
California	427	418	1,644	1,737	10,003	1,721	215	825	2,744	851	2,768	512	39,108	365	11	86	2,812	543	8,169	27,122	2,599
Colorado	15	33	204	135	727	152	19	74	94	96	290	194	1,313	9	-	2	93	6	162	1,041	4
Connecticut	326	267	9	36	55	8	245	171	22	58	46	5	4,794	343	2	-	555	27	1	3,866	178
Delaware	6	52	-	30	16	3	9	208	2	96	18	-	311	19	1	-	22	5	3	261	33
District of Columbia	11	824	9	67	51	5	6	938	7	82	18	5	360	2	7	-	12	19	5	315	167
Florida	575	1,456	162	1,722	789	54	364	1,567	140	1,948	1,402	37	21,116	761	16	5	1,541	5,382	185	13,226	824
Georgia	35	1,332	20	1,198	303	13	18	330	24	201	118	7	838	13	2	-	68	21	31	703	162
Hawaii	4	5	6	8	43	1	23	47	3	35	4	1	1,606	9	-	5	32	-	4	1,556	23
Idaho	3	5	133	39	124	482	2	20	352	26	97	103	301	1	-	1	67	-	39	193	19
Illinois	43	181	199	1,592	609	26	23	221	101	284	1,855	35	10,150	354	4	1	297	94	679	8,721	792
Indiana	12	44	64	1,207	184	12	16	219	34	304	262	9	1,351	33	1	2	92	5	80	1,138	197
Iowa	4	3	403	63	89	10	6	33	27	25	326	22	706	1	-	-	50	-	26	629	132
Kansas	9	10	62	110	379	14	2	50	22	39	78	15	513	5	-	-	27	2	95	364	44
Kentucky	4	45	11	1,207	108	2	3	313	13	364	57	5	265	4	-	1	25	1	5	229	244
Louisiana	9	82	18	215	1,281	8	4	83	18	77	52	9	701	18	-	-	28	59	23	573	237
Maine	73	4	4	9	10	2	77	11	11	15	13	1	1,081	3	-	-	768	-	-	290	14
Maryland	51	906	27	242	157	17	25	2,645	33	1,128	101	5	2,368	24	1	2	101	29	13	2,198	898
Massachusetts	839	134	16	57	61	7	489	149	23	61	71	7	9,172	332	4	1	2,140	37	11	6,647	164
Michigan	53	419	105	1,711	480	14	40	323	73	643	865	29	7,475	34	-	2	1,802	26	134	5,477	326
Minnesota	10	6	792	51	102	8	6	26	64	30	1,588	27	1,887	3	-	-	227	7	25	1,625	55
Mississippi	7	39	8	593	220	3	3	51	11	38	43	1	181	4	-	-	12	1	2	162	156
Missouri	14	38	94	800	527	22	11	93	51	93	162	21	1,343	11	1	-	64	18	41	1,208	289
Montana	6	3	198	18	56	58	2	21	123	18	185	74	444	-	-	-	109	1	4	330	18
Nebraska	4	2	267	36	99	9	4	20	19	21	85	50	530	2	-	-	23	-	23	482	20
Nevada	22	18	88	69	316	273	7	41	128	73	145	50	778	16	-	-	114	29	65	554	102
New Hampshire	83	5	3	8	5	1	370	17	2	12	10	3	909	-	-	-	529	1	3	376	12
New Jersey	126	1,034	23	126	138	10	57	1,063	29	225	88	5	1,946	776	3	-	175	478	15	499	10,343
New Mexico	7	9	54	82	1,364	22	-	50	27	59	102	24	546	9	-	-	24	4	255	254	61
New York	221	3,433	40	290	270	17	472	1,849	83	349	256	21	40,212	5,087	171	-	1,431	614	100	32,809	3,353
North Carolina	39	3,178	20	615	170	7	32	1,785	29	451	94	7	807	18	6	-	91	14	30	648	159
North Dakota	1	-	196	1	10	1	-	3	5	1	86	4	359	1	-	-	48	-	1	309	5
Ohio	36	372	66	1,532	304	22	38	925	48	4,503	287	18	5,586	100	1	1	313	14	58	5,099	405
Oklahoma	10	27	41	343	3,003	16	3	64	38	101	77	22	417	5	-	2	52	3	51	304	149
Oregon	16	19	504	121	569	210	19	91	1,533	68	534	149	1,585	4	-	1	437	6	73	1,064	222
Pennsylvania	93	1,590	25	210	142	16	53	1,758	35	1,090	124	16	8,771	414	5	3	217	31	33	8,068	812
Rhode Island	5,544	12	2	9	8	2	38	20	5	9	8	-	1,599	25	-	-	300	4	-	1,270	12
South Carolina	22	21,938	8	292	99	4	8	283	14	172	62	3	395	5	-	2	36	7	13	332	75
South Dakota	-	1	4,179	8	24	5	-	8	13	7	84	28	244	-	-	-	29	-	4	211	4
Tennessee	22	153	17	31,743	292	8	4	941	12	231	77	2	369	13	1	1	45	4	8	297	190
Texas	51	190	175	1,190	79,685	50	35	373	153	373	467	57	7,787	86	2	4	237	93	5,225	2,140	1,177
Utah	1	8	44	24	97	5,764	7	17	49	31	38	168	571	3	-	-	53	-	47	468	25
Vermont	34	3	1	3	2	1	2,552	8	5	7	6	1	460	-	1	-	270	-	2	187	31
Virginia	57	615	41	563	230	19	37	29,304	56	1,583	130	9	1,470	27	4	1	109	33	25	1,271	174
Washington	37	64	710	185	642	204	21	149	10,974	162	821	173	3,508	11	-	2	958	6	148	2,383	221
West Virginia	3	21	4	83	18	2	6	889	12	15,047	14	1	304	-	-	-	15	-	7	282	106
Wisconsin	9	21	183	175	126	10	8	30	38	48	30,238	12	2,517	33	-	-	130	5	39	2,310	50
Wyoming	-	5	104	11	50	94	3	8	21	13	35	850	147	-	-	-	15	-	17	115	5

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Table 1-37. Deaths by Specified Hispanic Origin and Race for Non-Hispanic Origin: 47 Reporting States and the District of Columbia, 1989

[For discussion of completeness of reporting and comparability of data among the States see Technical Appendix]

State	All origins	Hispanic						Non-Hispanic			Not stated *
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total †	White	Black	
Alabama	39,006	102	27	14	8	-	53	38,446	28,213	10,198	458
Alaska	2,095	23	17	1	1	1	3	2,011	1,385	53	61
Arizona	28,212	2,412	2,129	24	20	26	213	25,752	23,798	750	48
Arkansas	24,647	36	16	1	3	1	15	24,380	20,327	4,013	231
California	216,619	21,225	15,175	476	529	1,621	3,424	194,084	167,405	17,396	1,310
Colorado	21,144	1,853	613	15	6	7	1,212	19,276	18,352	740	15
Connecticut	28,243	272	73	143	17	4	35	9,982	9,517	435	17,989
Delaware	5,843	66	13	31	4	1	17	5,703	4,729	955	74
District of Columbia	7,649	69	15	6	13	21	14	7,349	1,625	5,703	231
Florida	132,765	8,793	376	827	5,425	805	1,360	129,513	109,230	13,996	459
Georgia	52,258	169	57	21	19	19	53	51,806	36,815	14,858	283
Hawaii	6,502	328	17	118	3	1	169	6,164	1,879	37	10
Idaho	7,468	127	11	3	2	2	9	7,339	7,235	6	2
Illinois	103,366	2,043	1,170	474	86	106	207	100,206	84,247	15,409	1,117
Indiana	49,094	283	186	36	6	7	48	48,550	44,697	3,796	261
Iowa	27,195	131	54	3	2	-	72	27,028	26,657	307	36
Kansas	22,287	253	200	9	6	5	33	21,443	20,233	1,051	591
Kentucky	35,398	85	35	9	1	5	35	35,098	32,513	2,550	215
Maine	11,185	12	1	-	-	1	9	10,163	10,130	4	1,010
Maryland	38,353	230	65	46	16	48	55	31,995	23,735	7,426	6,728
Massachusetts	53,922	628	15	427	36	103	47	52,896	50,761	1,846	398
Michigan	78,861	623	356	54	27	19	167	78,874	64,418	11,934	1,364
Minnesota	34,307	100	88	4	4	1	3	34,164	33,342	440	43
Mississippi	25,386	23	6	3	-	5	9	25,005	16,185	8,733	358
Missouri	50,426	290	160	12	11	8	99	50,008	44,548	5,285	128
Montana	6,755	43	24	1	-	-	18	6,522	6,204	10	190
Nebraska	14,600	95	61	-	-	2	12	14,544	14,038	376	161
Nevada	8,648	256	130	15	32	8	71	8,386	7,684	514	7
New Jersey	71,455	3,401	54	797	381	239	1,930	67,674	58,776	8,513	380
New Mexico	10,572	3,046	291	18	4	7	2,726	7,511	6,564	191	15
New York	171,679	10,061	111	5,782	531	1,591	2,046	155,420	130,795	22,897	6,198
North Carolina	57,477	133	64	21	14	11	23	57,099	42,989	13,602	245
North Dakota	5,510	8	5	-	-	-	3	5,359	5,195	6	143
Ohio	98,375	404	155	124	13	13	99	97,377	86,800	10,380	594
Oregon	24,918	212	165	9	5	5	28	24,695	23,976	351	11
Pennsylvania	123,711	1,002	86	596	40	34	246	122,549	110,240	11,982	160
Rhode Island	9,557	89	2	32	10	29	16	9,396	9,058	280	72
South Carolina	29,618	60	13	10	10	2	25	29,500	19,976	9,467	58
South Dakota	6,549	16	14	-	-	-	2	6,525	6,089	5	8
Tennessee	45,452	93	20	17	5	5	46	44,804	37,190	7,555	555
Texas	124,878	16,696	15,293	105	100	254	944	106,920	89,862	16,470	1,262
Utah	9,239	253	149	6	17	47	34	8,973	8,720	82	13
Vermont	4,586	8	1	1	-	-	6	4,044	4,037	5	534
Virginia	47,172	304	27	50	27	61	139	33,408	26,362	6,859	13,460
Washington	36,163	492	171	24	6	9	282	35,590	33,779	842	81
West Virginia	19,558	38	9	9	2	2	16	19,295	18,516	766	225
Wisconsin	42,355	180	117	38	6	6	13	42,164	40,614	1,262	11
Wyoming	3,254	119	93	-	-	2	24	3,127	3,052	10	8

† Includes races other than white and black.
 * Includes deaths that occurred in States that did not report Hispanic origin on the death certificate.

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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 44 Reporting States and the District of Columbia, 1989—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)	300	84	12	5	2	4	6	7	19	41	55	65	-
Male	158	55	5	3	1	4	5	5	12	20	24	24	-
Female	142	29	7	2	1	-	1	2	7	21	31	41	-
Hispanic	28	12	6	-	-	-	1	1	2	1	5	-	-
Male	17	9	3	-	-	-	1	-	2	-	2	-	-
Female	11	3	3	-	-	-	-	1	-	1	3	-	-
Mexican	12	4	4	-	-	-	1	-	-	-	3	-	-
Male	6	3	2	-	-	-	1	-	-	-	-	-	-
Female	6	1	2	-	-	-	-	-	-	-	3	-	-
Puerto Rican	1	-	-	-	-	-	-	-	-	-	1	-	-
Male	1	-	-	-	-	-	-	-	-	-	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	3	3	-	-	-	-	-	-	-	-	-	-	-
Male	2	2	-	-	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	12	5	2	-	-	-	-	1	2	1	1	-	-
Male	8	4	1	-	-	-	-	-	2	-	1	-	-
Female	4	1	1	-	-	-	-	1	-	1	-	-	-
Non-Hispanic ¹	266	67	6	5	2	4	5	6	17	39	50	65	-
Male	136	42	2	3	1	4	4	5	10	19	22	24	-
Female	130	25	4	2	1	-	1	1	7	20	28	41	-
White	197	24	2	4	1	4	2	4	14	38	45	59	-
Male	96	15	-	2	1	4	2	3	9	19	19	22	-
Female	101	9	2	2	-	-	-	1	5	19	26	37	-
Black	62	39	2	1	1	-	2	2	3	1	5	6	-
Male	35	25	-	1	-	-	1	2	1	-	3	2	-
Female	27	14	2	-	1	-	1	-	2	1	2	4	-
Not stated ²	6	5	-	-	-	-	-	-	-	1	-	-	-
Male	5	4	-	-	-	-	-	-	-	1	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis (010-018)	1,820	1	7	3	24	121	195	180	249	394	431	213	2
Male	1,192	-	6	2	18	79	155	131	176	261	243	119	2
Female	628	1	1	1	6	42	40	49	73	133	188	94	-
Hispanic	180	-	1	-	8	23	28	20	20	30	25	25	-
Male	141	-	1	-	7	18	23	16	18	22	18	17	-
Female	39	-	-	-	1	5	5	4	2	8	7	7	-
Mexican	98	-	1	-	4	4	13	8	9	22	15	22	-
Male	73	-	1	-	4	3	9	5	8	17	11	15	-
Female	25	-	-	-	-	1	4	3	1	5	4	7	-
Puerto Rican	42	-	-	-	2	13	9	7	2	3	4	2	-
Male	31	-	-	-	1	9	8	6	2	3	3	2	-
Female	11	-	-	-	1	4	1	1	-	3	1	1	-
Cuban	6	-	-	-	-	-	-	2	2	-	1	1	-
Male	6	-	-	-	-	-	-	2	2	-	1	1	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	10	-	-	-	1	2	1	-	2	3	1	-	-
Male	9	-	-	-	1	2	1	-	1	3	1	-	-
Female	1	-	-	-	-	-	-	-	1	-	-	-	-
Other and unknown Hispanic	24	-	-	-	1	4	5	3	5	2	4	-	-
Male	22	-	-	-	1	4	5	3	5	2	2	-	-
Female	2	-	-	-	-	-	-	-	-	-	2	-	-
Non-Hispanic ¹	1,596	1	6	3	14	96	150	152	224	358	404	186	2
Male	1,013	-	5	2	9	60	117	108	154	234	223	99	2
Female	583	1	1	1	5	36	33	44	70	124	181	87	-
White	885	1	1	2	1	17	47	45	115	225	286	144	1
Male	532	-	1	1	1	14	35	33	75	147	149	75	1
Female	353	1	-	1	-	3	12	12	40	78	137	69	-
Black	616	-	5	-	11	77	96	101	88	112	89	36	1
Male	419	-	4	-	8	44	78	71	64	74	53	22	1
Female	197	-	1	-	3	33	18	30	24	38	36	14	-
Not stated ²	44	-	-	-	2	2	17	8	5	6	2	2	-
Male	38	-	-	-	2	1	15	7	4	5	2	2	-
Female	6	-	-	-	-	1	2	1	1	1	-	-	-

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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 44 Reporting States and the District of Columbia, 1989—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)	1,420	-	1	2	13	85	142	132	191	314	354	185	1
Male	965	-	1	1	10	58	118	105	144	216	205	106	1
Female	455	-	-	1	3	27	24	27	47	98	149	79	-
Hispanic	139	-	-	-	4	13	18	15	17	30	18	24	-
Male	109	-	-	-	4	10	14	13	15	22	14	17	-
Female	30	-	-	-	-	3	4	2	2	8	4	7	-
Mexican	78	-	-	-	2	1	9	6	7	22	10	21	-
Male	59	-	-	-	2	1	6	5	6	17	8	14	-
Female	19	-	-	-	-	-	3	1	1	5	2	7	-
Puerto Rican	30	-	-	-	1	7	7	6	1	3	3	2	-
Male	22	-	-	-	1	4	6	5	1	-	3	2	-
Female	8	-	-	-	-	3	1	1	-	3	-	-	-
Cuban	6	-	-	-	-	-	-	2	2	-	1	1	-
Male	6	-	-	-	-	-	-	2	2	-	1	1	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	9	-	-	-	1	2	1	-	2	3	-	-	-
Male	8	-	-	-	1	2	1	-	1	3	-	-	-
Female	1	-	-	-	-	-	-	-	1	-	-	-	-
Other and unknown Hispanic	16	-	-	-	-	3	1	1	5	2	4	-	-
Male	14	-	-	-	-	3	1	1	5	2	2	-	-
Female	2	-	-	-	-	-	-	-	-	-	2	-	-
Non-Hispanic ¹	1,248	-	1	2	8	70	111	111	170	279	335	160	1
Male	828	-	1	1	5	47	92	87	126	190	190	88	1
Female	420	-	-	1	3	23	19	24	44	89	145	72	-
White	713	-	-	1	1	13	30	33	87	181	240	126	1
Male	444	-	-	-	1	13	24	27	61	122	129	66	1
Female	269	-	-	1	-	-	6	6	26	59	111	60	-
Black	471	-	1	-	6	56	77	76	68	85	70	32	-
Male	338	-	1	-	4	33	65	59	56	57	43	20	-
Female	133	-	-	-	2	23	12	17	12	28	27	12	-
Not stated ²	33	-	-	-	1	2	13	6	4	5	1	1	-
Male	28	-	-	-	1	1	12	5	3	4	1	1	-
Female	5	-	-	-	-	1	1	1	1	1	-	-	-
Other tuberculosis (013-018)	400	1	6	1	11	36	53	48	58	80	77	28	1
Male	227	-	5	1	8	21	37	26	32	45	38	13	1
Female	173	1	1	-	3	15	16	22	26	35	39	15	-
Hispanic	41	-	1	-	4	10	10	5	3	-	7	1	-
Male	32	-	1	-	3	8	9	3	3	-	4	1	-
Female	9	-	-	-	1	2	1	2	-	-	3	-	-
Mexican	20	-	1	-	2	3	4	2	2	-	5	1	-
Male	14	-	1	-	2	3	3	-	2	-	3	1	-
Female	6	-	-	-	-	1	1	2	-	-	2	-	-
Puerto Rican	12	-	-	-	1	6	2	1	1	-	1	-	-
Male	9	-	-	-	-	5	2	1	1	-	-	-	-
Female	3	-	-	-	1	1	-	-	-	-	1	-	-
Cuban	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	1	-	-	-	-	-	-	-	-	-	1	-	-
Male	1	-	-	-	-	-	-	-	-	-	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	8	-	-	-	1	1	4	2	-	-	-	-	-
Male	8	-	-	-	1	1	4	2	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Hispanic ¹	348	1	5	1	6	26	39	41	54	79	69	26	1
Male	185	-	4	1	4	13	25	21	28	44	33	11	1
Female	163	1	1	-	2	13	14	20	26	35	36	15	-
White	172	1	1	1	-	4	17	12	28	44	46	18	-
Male	88	-	1	1	-	1	11	6	14	25	20	9	-
Female	84	1	-	-	-	3	6	6	14	19	26	9	-
Black	145	-	4	-	5	21	19	25	20	27	19	4	1
Male	81	-	3	-	4	11	13	12	8	17	10	2	1
Female	64	-	1	-	1	10	6	13	12	10	9	2	-
Not stated ²	11	-	-	-	1	-	4	2	1	1	1	1	-
Male	10	-	-	-	1	-	3	2	1	1	1	1	-
Female	1	-	-	-	-	-	1	-	-	-	-	-	-

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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 44 Reporting States and the District of Columbia, 1989—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)	241	50	42	29	35	8	14	13	15	17	12	6	-
Male	111	23	22	13	20	4	5	7	5	9	2	1	-
Female	130	27	20	16	15	4	9	6	10	8	10	5	-
Hispanic	45	14	12	4	1	1	5	4	3	1	-	-	-
Male	23	4	9	2	1	1	1	3	2	-	-	-	-
Female	22	10	3	2	-	-	4	1	1	1	-	-	-
Mexican	25	8	9	3	1	1	1	1	1	-	-	-	-
Male	16	4	6	1	1	1	1	1	1	-	-	-	-
Female	9	4	3	2	-	-	-	-	-	-	-	-	-
Puerto Rican	4	2	-	1	-	-	-	1	-	-	-	-	-
Male	1	-	-	1	-	-	-	-	-	-	-	-	-
Female	3	2	-	-	-	-	-	1	-	-	-	-	-
Cuban	2	-	-	-	-	-	2	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	2	-	-	-	-	-	-
Central and South American	3	-	1	-	-	-	-	1	1	-	-	-	-
Male	2	-	1	-	-	-	-	1	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	1	-	-	-	-
Other and unknown Hispanic	11	4	2	-	-	-	2	1	1	1	-	-	-
Male	4	-	2	-	-	-	-	1	1	-	-	-	-
Female	7	4	-	-	-	-	2	-	-	1	-	-	-
Non-Hispanic ¹	194	35	30	25	34	7	9	8	12	16	12	6	-
Male	86	18	13	11	19	3	4	3	3	9	2	1	-
Female	108	17	17	14	15	4	5	5	9	7	10	5	-
White	138	21	19	13	25	6	6	6	11	16	19	6	-
Male	64	13	8	6	16	3	2	2	2	9	2	1	-
Female	74	8	11	7	9	3	4	4	9	7	7	5	-
Black	47	11	9	12	7	1	3	1	-	-	3	-	-
Male	20	5	4	5	3	-	2	1	-	-	-	-	-
Female	27	6	5	7	4	1	1	-	-	-	3	-	-
Not stated ²	2	1	-	-	-	-	-	1	-	-	-	-	-
Male	2	1	-	-	-	-	-	1	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	16,785	251	82	27	76	265	527	675	1,463	3,194	5,276	4,948	1
Male	7,403	142	45	13	37	160	324	398	801	1,699	2,302	1,481	1
Female	9,382	109	37	14	39	105	203	277	662	1,495	2,974	3,467	-
Hispanic	727	36	7	3	6	36	60	58	94	129	171	127	-
Male	379	19	5	1	1	15	40	38	57	71	88	44	-
Female	348	17	2	2	5	21	20	20	37	58	83	83	-
Mexican	344	21	4	2	3	7	21	24	47	73	85	57	-
Male	177	11	3	1	-	2	12	18	24	42	47	17	-
Female	167	10	1	1	3	5	9	6	23	31	38	40	-
Puerto Rican	152	3	2	-	1	17	23	19	16	19	29	23	-
Male	78	1	2	-	-	7	15	12	12	9	15	5	-
Female	74	2	-	-	1	10	8	7	4	10	14	18	-
Cuban	50	-	-	-	-	2	1	1	9	6	17	14	-
Male	24	-	-	-	-	-	1	-	5	3	10	5	-
Female	26	-	-	-	-	2	-	4	3	7	9	9	-
Central and South American	32	2	-	-	1	2	3	2	10	4	3	5	-
Male	19	1	-	-	1	1	3	-	8	2	1	2	-
Female	13	1	-	-	-	1	-	2	2	2	2	3	-
Other and unknown Hispanic	149	10	1	1	1	8	12	12	12	27	37	28	-
Male	81	6	-	-	-	5	9	8	8	15	15	15	-
Female	68	4	1	1	1	3	3	4	4	12	22	13	-
Non-Hispanic ¹	15,844	212	73	24	69	223	453	603	1,348	3,029	5,053	4,757	-
Male	6,909	121	38	12	35	140	274	349	730	1,607	2,188	1,415	-
Female	8,935	91	35	12	34	83	179	254	618	1,422	2,865	3,342	-
White	12,805	119	48	18	45	129	250	363	987	2,414	4,267	4,171	-
Male	5,470	72	27	9	24	80	147	219	530	1,285	1,861	1,216	-
Female	7,335	47	21	9	21	43	103	144	457	1,129	2,406	2,955	-
Black	2,853	88	23	4	24	95	194	226	335	583	734	546	-
Male	1,340	44	11	2	11	58	120	125	190	300	298	181	-
Female	1,513	44	12	2	13	37	74	101	145	283	436	365	-
Not stated ²	214	3	2	-	1	6	14	14	21	36	52	64	1
Male	115	2	2	-	1	5	10	11	14	21	26	22	1
Female	99	1	-	-	-	1	4	3	7	15	26	42	-

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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 44 Reporting States and the District of Columbia, 1989—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) ..	27,077	360	194	130	731	7,781	8,806	3,670	1,943	1,608	1,229	612	13
Male	22,066	185	101	73	562	6,705	7,915	3,258	1,478	951	615	210	13
Female	5,011	175	93	57	169	1,076	891	412	465	657	614	402	-
Hispanic	3,588	65	32	31	143	1,291	1,272	457	171	79	30	17	-
Male	3,006	32	14	20	112	1,090	1,121	410	134	49	13	11	-
Female	582	33	18	11	31	201	151	47	37	30	17	6	-
Mexican	898	24	15	13	57	318	258	103	61	27	13	9	-
Male	773	10	7	10	45	302	240	92	41	13	6	7	-
Female	125	14	8	3	12	16	18	11	20	14	7	2	-
Puerto Rican	1,260	19	8	12	45	458	501	162	37	15	2	1	-
Male	1,024	9	4	5	31	361	430	142	31	10	1	-	-
Female	236	10	4	7	14	97	71	20	6	5	1	1	-
Cuban	324	-	-	1	7	114	108	57	23	9	3	2	-
Male	313	-	-	1	7	112	106	56	22	6	2	1	-
Female	11	-	-	-	-	2	2	1	3	1	1	1	-
Central and South American	323	1	1	1	17	97	125	53	16	8	2	2	-
Male	283	1	-	1	16	82	117	50	11	4	-	1	-
Female	40	-	1	-	1	15	8	3	5	4	2	1	-
Other and unknown Hispanic	783	21	8	4	17	304	280	82	34	20	10	3	-
Male	613	12	3	3	13	233	228	70	29	16	4	2	-
Female	170	9	5	1	4	71	52	12	5	4	6	1	-
Non-Hispanic ¹	22,972	289	158	97	574	6,364	7,350	3,120	1,735	1,510	1,181	589	5
Male	18,629	147	85	52	442	5,509	6,628	2,764	1,315	890	595	197	5
Female	4,343	142	73	45	132	855	722	356	420	620	586	392	-
White	15,738	141	75	64	325	3,944	4,734	2,254	1,349	1,258	1,055	537	2
Male	13,109	80	37	36	259	3,651	4,504	2,065	1,034	742	522	177	2
Female	2,629	61	38	28	66	293	230	189	315	516	533	360	-
Black	6,933	132	78	28	242	2,358	2,538	824	356	225	103	47	2
Male	5,296	58	44	14	178	1,806	2,057	665	263	134	58	17	2
Female	1,637	74	34	14	64	552	481	159	93	91	45	30	-
Not stated ²	517	6	4	2	14	126	184	93	37	19	18	6	8
Male	431	6	2	1	8	106	166	84	29	12	7	2	8
Female	86	-	2	1	6	20	18	9	8	7	11	4	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	448,451	98	463	1,035	1,667	4,782	14,060	35,116	86,495	140,094	118,654	45,972	15
Male	237,915	46	257	575	961	2,325	6,196	17,679	48,117	78,866	63,014	19,872	7
Female	210,536	52	206	460	706	2,457	7,864	17,437	38,378	61,228	55,640	26,100	8
Hispanic	13,345	12	63	125	190	400	766	1,443	2,837	3,448	2,928	1,132	1
Male	7,120	6	40	74	116	199	339	686	1,566	1,921	1,607	566	-
Female	6,225	6	23	51	74	201	427	757	1,271	1,527	1,321	566	1
Mexican	6,392	8	40	83	104	214	351	665	1,386	1,645	1,381	514	1
Male	3,430	4	27	49	63	107	193	295	790	925	773	264	-
Female	2,962	4	13	34	41	107	218	370	596	720	608	250	1
Puerto Rican	1,465	2	9	12	28	54	106	216	354	344	253	87	-
Male	809	2	5	6	16	26	59	118	196	208	133	40	-
Female	656	-	4	6	12	28	47	98	158	136	120	47	-
Cuban	1,695	-	2	1	6	22	54	150	342	465	479	174	-
Male	940	-	1	1	4	13	30	76	199	262	272	82	-
Female	755	-	1	-	2	9	24	74	143	203	207	92	-
Central and South American	956	-	5	12	21	43	99	140	209	219	149	59	-
Male	409	-	3	8	16	19	39	59	90	87	61	27	-
Female	547	-	2	4	5	24	60	81	119	132	88	32	-
Other and unknown Hispanic	2,837	2	7	17	31	67	156	272	546	775	666	298	-
Male	1,532	-	4	10	17	34	78	138	291	439	368	153	-
Female	1,305	2	3	7	14	33	78	134	255	336	298	145	-
Non-Hispanic ¹	431,356	84	394	893	1,460	4,338	13,138	33,327	82,932	135,524	114,790	44,465	13
Male	228,790	40	212	489	837	2,108	5,790	16,814	46,110	76,331	60,912	19,141	6
Female	202,566	44	182	404	623	2,228	7,348	16,513	36,822	59,193	53,878	25,324	7
White	378,740	69	308	722	1,149	3,473	10,520	27,242	71,034	119,962	109,708	40,544	9
Male	199,098	35	176	397	655	1,709	4,816	13,494	39,156	67,073	54,567	17,216	4
Female	179,642	34	132	325	494	1,764	5,704	13,748	31,878	52,889	49,141	23,328	5
Black	46,757	15	67	136	270	716	2,214	5,382	10,646	13,939	9,888	3,480	4
Male	26,430	5	30	75	158	319	985	2,982	6,244	8,301	5,640	1,889	2
Female	20,327	10	37	61	112	397	1,229	2,400	4,402	5,638	4,248	1,791	2
Not stated ²	3,750	2	6	17	17	46	156	346	728	1,122	936	375	1
Male	2,005	-	5	12	8	18	67	179	441	614	495	165	1
Female	1,745	2	1	5	9	28	89	167	285	508	441	210	-

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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 44 Reporting States and the District of Columbia, 1989—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)	7,312	-	2	4	23	46	273	848	1,991	2,204	1,368	551	2
Male	4,779	-	1	3	15	25	190	642	1,436	1,460	784	221	2
Female	2,533	-	1	1	8	21	83	206	555	744	584	330	-
Hispanic	199	-	-	-	-	4	6	22	63	49	38	17	-
Male	145	-	-	-	-	1	4	21	51	39	24	5	-
Female	54	-	-	-	-	3	2	1	12	10	14	12	-
Mexican	71	-	-	-	-	2	2	2	28	17	13	7	-
Male	50	-	-	-	-	-	1	2	25	12	9	1	-
Female	21	-	-	-	-	2	1	-	3	5	4	6	-
Puerto Rican	40	-	-	-	-	-	-	9	13	10	6	2	-
Male	31	-	-	-	-	-	-	9	10	9	3	-	-
Female	9	-	-	-	-	-	-	-	3	1	3	2	-
Cuban	26	-	-	-	-	-	2	-	5	9	7	3	-
Male	22	-	-	-	-	-	2	-	4	9	5	2	-
Female	4	-	-	-	-	-	-	-	1	-	2	1	-
Central and South American	11	-	-	-	-	-	-	3	2	3	3	-	-
Male	7	-	-	-	-	-	-	3	-	2	2	-	-
Female	4	-	-	-	-	-	-	-	2	1	1	-	-
Other and unknown Hispanic	51	-	-	-	-	2	2	8	15	10	9	5	-
Male	35	-	-	-	-	1	1	7	12	7	5	2	-
Female	16	-	-	-	-	1	1	1	3	3	4	3	-
Non-Hispanic †	7,049	-	2	4	23	42	264	819	1,908	2,138	1,318	530	1
Male	4,586	-	1	3	15	24	185	616	1,369	1,404	752	216	1
Female	2,463	-	1	1	8	18	79	203	539	734	566	314	-
White	5,847	-	1	2	11	34	154	545	1,523	1,866	1,213	498	-
Male	3,704	-	1	1	8	21	104	406	1,070	1,210	684	199	-
Female	2,143	-	-	1	3	13	50	139	453	656	529	299	-
Black	1,055	-	1	2	8	3	90	252	346	237	87	28	1
Male	780	-	-	2	5	1	68	190	268	173	57	15	1
Female	275	-	1	-	3	2	22	62	78	64	30	13	-
Not stated ‡	64	-	-	-	-	-	3	7	20	17	12	4	1
Male	48	-	-	-	-	-	-	5	16	17	8	-	1
Female	16	-	-	-	-	-	2	2	4	-	4	4	-
Malignant neoplasms of digestive organs and peritoneum (150-159)													
Malignant neoplasms of digestive organs and peritoneum (150-159)	108,395	6	15	18	102	584	2,246	6,782	18,434	33,224	32,130	14,851	3
Male	57,241	2	11	12	48	332	1,342	4,244	11,429	19,120	15,491	5,210	-
Female	51,154	4	4	6	54	252	904	2,538	7,005	14,104	16,639	9,641	3
Hispanic	3,840	-	2	-	10	77	159	337	795	1,123	950	387	-
Male	2,140	-	-	-	5	42	93	193	512	630	500	165	-
Female	1,700	-	2	-	5	35	66	144	283	493	450	222	-
Mexican	1,846	-	-	-	6	44	86	150	389	549	452	170	-
Male	1,066	-	-	-	2	24	49	93	263	317	250	68	-
Female	780	-	-	-	4	20	37	57	126	232	202	102	-
Puerto Rican	412	-	1	-	1	4	11	53	105	116	90	30	-
Male	239	-	-	-	1	2	9	32	68	70	41	16	-
Female	173	-	1	-	-	2	2	21	38	46	49	14	-
Cuban	471	-	-	-	1	4	6	31	94	137	145	53	-
Male	255	-	-	-	1	3	4	19	59	72	77	20	-
Female	216	-	-	-	-	1	2	12	35	65	68	33	-
Central and South American	287	-	1	-	1	10	24	38	63	77	50	23	-
Male	114	-	-	-	1	5	10	11	29	31	18	9	-
Female	173	-	1	-	-	5	14	27	34	46	32	14	-
Other and unknown Hispanic	824	-	-	-	1	15	32	65	143	244	213	111	-
Male	466	-	-	-	-	8	21	38	93	140	114	52	-
Female	358	-	-	-	1	7	11	27	50	104	99	59	-
Non-Hispanic †	103,732	6	13	18	91	505	2,064	6,370	17,494	31,877	30,940	14,351	3
Male	54,674	2	11	12	43	290	1,240	3,999	10,832	18,364	14,879	5,002	-
Female	49,058	4	2	6	48	215	824	2,371	6,662	13,513	16,061	9,349	3
White	89,331	5	11	12	50	354	1,509	4,916	14,385	27,517	27,561	13,009	2
Male	46,711	2	9	7	20	192	902	3,043	8,941	15,877	13,237	4,481	-
Female	42,620	3	2	5	30	162	607	1,873	5,444	11,640	14,324	8,528	2
Black	12,371	1	2	3	33	120	429	1,226	2,692	3,776	2,941	1,147	1
Male	6,730	-	2	2	17	75	259	817	1,625	2,107	1,393	433	-
Female	5,641	1	-	1	16	45	170	409	1,067	1,669	1,548	714	1
Not stated ‡	823	-	-	-	1	2	23	75	145	224	240	113	-
Male	427	-	-	-	-	-	9	52	85	126	112	43	-
Female	396	-	-	-	1	2	14	23	60	98	128	70	-

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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 44 Reporting States and the District of Columbia, 1989—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)	128,108	7	3	6	43	267	2,340	10,846	31,402	47,021	29,756	6,413	4
Male	83,660	4	3	4	27	146	1,434	6,937	20,747	31,051	19,425	3,880	2
Female	44,448	3	-	2	16	121	906	3,909	10,655	15,970	10,331	2,533	2
Hispanic	2,694	2	1	1	4	19	92	288	661	824	614	188	-
Male	1,884	1	1	1	2	10	64	203	479	598	411	114	-
Female	810	1	-	-	2	9	28	85	182	226	203	74	-
Mexican	1,233	-	-	1	3	7	35	118	293	382	296	98	-
Male	872	-	-	1	2	5	21	77	224	278	200	64	-
Female	361	-	-	-	1	2	14	41	69	104	96	34	-
Puerto Rican	310	1	1	-	-	5	17	50	89	85	51	11	-
Male	210	1	1	-	-	3	13	43	60	54	29	6	-
Female	100	-	-	-	-	2	4	7	29	31	22	5	-
Cuban	404	-	-	-	-	1	11	45	96	117	107	27	-
Male	307	-	-	-	-	1	10	32	76	92	81	15	-
Female	97	-	-	-	-	-	1	13	20	25	26	12	-
Central and South American	140	-	-	-	1	2	11	18	37	41	24	6	-
Male	84	-	-	-	-	1	7	10	27	25	11	3	-
Female	56	-	-	-	1	1	4	8	10	16	13	3	-
Other and unknown Hispanic	607	1	-	-	-	4	18	57	146	199	136	46	-
Male	411	-	-	-	-	-	13	41	92	149	90	26	-
Female	196	1	-	-	-	4	5	16	54	50	46	20	-
Non-Hispanic ¹	124,320	5	2	4	39	245	2,218	10,448	30,460	45,798	28,926	6,171	4
Male	81,055	3	2	2	25	133	1,352	6,663	20,077	30,194	18,874	3,728	2
Female	43,265	2	-	2	14	112	866	3,785	10,383	15,604	10,052	2,443	2
White	109,923	2	2	3	26	189	1,720	8,552	26,341	40,990	26,436	5,659	3
Male	70,840	1	2	2	17	107	1,012	5,325	17,123	26,728	17,107	3,414	2
Female	39,083	1	-	1	9	82	708	3,227	9,218	14,262	9,329	2,245	1
Black	13,048	3	-	1	12	47	443	1,732	3,782	4,382	2,195	450	1
Male	9,326	2	-	-	8	22	301	1,233	2,714	3,188	1,580	278	-
Female	3,722	1	-	1	4	25	142	499	1,068	1,194	615	172	1
Not stated ²	1,094	-	-	1	-	3	30	110	281	399	216	54	-
Male	721	-	-	1	-	3	18	71	191	259	140	38	-
Female	373	-	-	-	-	-	12	39	90	140	76	16	-
Malignant neoplasm of breast (174-175)	39,071	1	-	-	6	589	2,903	5,160	8,156	10,258	8,260	3,737	1
Male	275	-	-	-	-	1	8	21	55	83	74	33	-
Female	38,796	1	-	-	6	588	2,895	5,139	8,101	10,175	8,186	3,704	1
Hispanic	1,107	-	-	-	1	35	142	227	288	214	138	62	-
Male	10	-	-	-	-	-	-	-	3	4	1	2	-
Female	1,097	-	-	-	1	35	142	227	285	210	137	60	-
Mexican	521	-	-	-	1	21	74	112	135	98	61	19	-
Male	3	-	-	-	-	-	-	-	1	2	-	-	-
Female	518	-	-	-	1	21	74	112	134	96	61	19	-
Puerto Rican	114	-	-	-	-	6	19	31	35	9	6	8	-
Male	2	-	-	-	-	-	-	-	1	-	-	1	-
Female	112	-	-	-	-	6	19	31	34	9	6	7	-
Cuban	142	-	-	-	-	2	8	18	39	43	22	10	-
Male	3	-	-	-	-	-	-	-	2	1	-	-	-
Female	139	-	-	-	-	2	8	18	39	41	21	10	-
Central and South American	90	-	-	-	-	2	13	18	27	15	8	7	-
Male	1	-	-	-	-	-	-	-	1	-	-	-	-
Female	89	-	-	-	-	2	13	18	26	15	8	7	-
Other and unknown Hispanic	240	-	-	-	-	4	28	48	52	49	41	18	-
Male	1	-	-	-	-	-	-	-	-	-	-	1	-
Female	239	-	-	-	-	4	28	48	52	49	41	17	-
Non-Hispanic ¹	37,648	1	-	-	5	549	2,736	4,886	7,821	9,963	8,046	3,640	1
Male	263	-	-	-	-	1	8	21	52	79	71	31	-
Female	37,385	1	-	-	5	548	2,728	4,865	7,769	9,884	7,975	3,609	1
White	33,500	-	-	-	2	410	2,207	4,082	6,899	9,056	7,464	3,379	1
Male	233	-	-	-	-	1	5	19	47	66	67	28	-
Female	33,267	-	-	-	2	409	2,202	4,063	6,852	8,990	7,397	3,351	1
Black	3,747	1	-	-	3	130	465	712	818	827	540	251	-
Male	29	-	-	-	-	-	3	2	4	13	4	3	-
Female	3,718	1	-	-	3	130	462	710	814	814	536	248	-
Not stated ²	316	-	-	-	-	5	25	47	47	81	76	35	-
Male	2	-	-	-	-	-	-	-	-	-	2	-	-
Female	314	-	-	-	-	5	25	47	47	81	74	35	-

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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 44 Reporting States and the District of Columbia, 1989—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)	49,841	1	4	5	107	549	1,271	2,453	6,557	14,701	16,584	7,608	1
Male	28,228	1	4	2	52	131	117	319	2,449	8,287	11,434	5,431	1
Female	21,613	-	-	3	55	418	1,154	2,134	4,108	6,414	5,150	2,177	-
Hispanic	1,551	1	-	1	21	61	92	157	268	388	391	171	-
Male	735	1	-	-	12	16	6	24	89	193	276	118	-
Female	816	-	-	1	9	45	86	133	179	195	115	53	-
Mexican	716	-	-	1	12	35	44	80	121	179	172	72	-
Male	335	-	-	-	8	11	2	10	42	85	124	53	-
Female	381	-	-	1	4	24	42	70	79	94	48	19	-
Puerto Rican	171	1	-	-	2	11	12	22	31	44	36	12	-
Male	85	1	-	-	1	1	2	5	8	33	26	8	-
Female	86	-	-	-	1	10	10	17	23	11	10	4	-
Cuban	226	-	-	-	-	3	5	19	33	54	78	34	-
Male	111	-	-	-	-	-	-	4	14	25	47	21	-
Female	115	-	-	-	-	3	5	15	19	29	31	13	-
Central and South American	128	-	-	-	1	4	13	16	33	31	22	8	-
Male	41	-	-	-	1	1	-	1	8	8	15	7	-
Female	87	-	-	-	-	3	13	15	25	23	7	1	-
Other and unknown Hispanic	310	-	-	-	6	8	18	20	50	80	83	45	-
Male	163	-	-	-	2	3	2	4	17	42	64	29	-
Female	147	-	-	-	4	5	16	16	33	38	19	16	-
Non-Hispanic †	47,885	-	4	4	85	485	1,165	2,272	6,245	14,190	16,062	7,372	1
Male	27,277	-	4	2	39	114	111	294	2,346	8,034	11,067	5,265	1
Female	20,608	-	-	2	46	371	1,054	1,978	3,899	6,156	4,995	2,107	-
White	40,752	-	4	3	69	395	914	1,841	5,184	11,983	13,856	6,503	-
Male	22,936	-	4	1	34	107	103	217	1,868	6,599	9,414	4,589	-
Female	17,816	-	-	2	35	288	811	1,624	3,316	5,384	4,442	1,914	-
Black	6,574	-	-	1	13	75	207	380	959	2,072	2,063	803	†
Male	4,094	-	-	1	4	5	7	75	459	1,375	1,548	619	†
Female	2,480	-	-	-	9	70	200	305	500	697	515	184	-
Not stated ‡	405	-	-	-	1	3	14	24	44	123	131	65	-
Male	216	-	-	-	1	1	-	1	14	60	91	48	-
Female	189	-	-	-	-	2	14	23	30	63	40	17	-
Malignant neoplasms of urinary organs (188-189)	18,386	5	21	31	19	71	344	1,108	3,036	5,475	5,687	2,589	-
Male	11,753	3	9	16	8	38	232	755	2,100	3,684	3,584	1,324	-
Female	6,633	2	12	15	11	33	112	353	936	1,791	2,103	1,265	-
Hispanic	551	1	2	3	1	-	11	54	123	142	154	60	-
Male	339	-	-	2	-	-	6	37	78	89	91	36	-
Female	212	1	2	1	1	-	5	17	45	53	63	24	-
Mexican	284	1	1	2	-	-	6	31	71	74	73	25	-
Male	175	-	-	1	-	-	5	21	44	45	47	12	-
Female	109	1	1	1	-	-	1	10	27	29	26	13	-
Puerto Rican	47	-	1	-	1	-	1	5	9	11	14	5	-
Male	27	-	-	-	-	-	1	3	7	8	6	2	-
Female	20	-	1	-	1	-	-	2	2	3	8	3	-
Cuban	70	-	-	1	-	-	-	3	12	19	25	10	-
Male	52	-	-	1	-	-	-	3	9	15	16	8	-
Female	18	-	-	-	-	-	-	-	3	4	9	2	-
Central and South American	28	-	-	-	-	-	1	3	5	8	4	7	-
Male	14	-	-	-	-	-	-	2	3	2	3	4	-
Female	14	-	-	-	-	-	1	1	2	6	1	3	-
Other and unknown Hispanic	122	-	-	-	-	-	3	12	26	30	38	13	-
Male	71	-	-	-	-	-	-	8	15	19	19	10	-
Female	51	-	-	-	-	-	3	4	11	11	19	3	-
Non-Hispanic †	17,674	4	19	28	17	71	327	1,049	2,882	5,294	5,475	2,508	-
Male	11,311	3	9	14	7	38	221	715	1,999	3,571	3,458	1,276	-
Female	6,363	1	10	14	10	33	106	334	883	1,723	2,017	1,232	-
White	16,028	3	14	23	11	50	273	900	2,582	4,800	5,059	2,313	-
Male	10,352	3	7	12	5	25	187	623	1,832	3,263	3,208	1,187	-
Female	5,676	-	7	11	6	25	86	277	750	1,537	1,851	1,126	-
Black	1,489	1	5	5	6	21	46	136	273	444	380	172	-
Male	851	-	2	2	2	13	27	86	150	274	230	75	-
Female	628	1	3	3	4	8	19	50	123	170	150	97	-
Not stated ‡	161	-	-	-	1	-	6	5	31	39	58	21	-
Male	103	-	-	-	1	-	5	3	23	24	35	12	-
Female	58	-	-	-	-	-	1	2	8	15	23	9	-

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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 44 Reporting States and the District of Columbia, 1989—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)	54,908	46	246	504	639	1,369	2,773	5,082	10,401	15,343	13,030	5,473	2
Male	29,415	24	131	247	354	805	1,656	3,054	6,122	8,651	6,381	1,988	1
Female	25,493	22	115	257	285	563	1,117	2,028	4,279	6,692	6,649	3,485	1
Hispanic	1,786	6	32	59	60	87	117	200	353	375	351	146	1
Male	971	3	20	35	34	55	68	113	198	202	167	76	1
Female	815	3	12	23	26	32	49	87	155	173	184	70	1
Mexican	940	6	23	36	34	52	48	97	203	182	180	78	1
Male	496	3	15	22	20	31	23	52	108	99	80	43	1
Female	444	3	8	14	14	21	25	45	95	83	100	35	1
Puerto Rican	185	—	2	7	7	10	15	21	36	47	28	12	—
Male	109	—	1	4	3	8	10	12	23	23	19	6	—
Female	76	—	1	3	4	2	5	9	13	24	9	6	—
Cuban	185	—	1	—	1	4	9	21	36	44	51	18	—
Male	104	—	—	—	1	3	6	11	23	28	25	7	—
Female	81	—	1	—	—	1	3	10	13	16	26	11	—
Central and South American	127	—	2	5	5	11	15	28	19	20	18	4	—
Male	63	—	1	4	4	4	8	19	7	10	5	1	—
Female	64	—	1	1	1	7	7	9	12	10	13	3	—
Other and unknown Hispanic	349	—	4	10	13	10	30	33	59	82	74	34	—
Male	199	—	3	5	6	9	21	19	37	42	38	19	—
Female	150	—	1	5	7	1	9	14	22	40	36	15	—
Non-Hispanic	52,610	39	212	440	575	1,263	2,624	4,890	9,942	14,828	12,577	5,279	1
Male	28,167	21	110	209	320	745	1,570	2,910	5,850	8,375	6,159	1,897	1
Female	24,443	18	102	231	255	518	1,054	1,920	4,092	6,453	6,418	3,382	—
White	47,028	32	172	354	484	1,085	2,286	4,165	8,689	13,353	11,528	4,879	1
Male	25,124	19	95	171	271	644	1,370	2,505	5,115	7,573	5,632	1,728	1
Female	21,904	13	77	183	213	441	916	1,650	3,574	5,780	5,896	3,151	—
Black	4,924	7	32	74	78	143	299	589	1,134	1,295	927	346	—
Male	2,677	2	14	32	42	79	179	365	666	696	457	145	—
Female	2,247	5	18	42	36	64	120	224	468	599	470	201	—
Not stated	512	1	2	6	4	19	32	52	106	140	102	48	—
Male	277	—	1	3	—	6	18	31	74	74	55	15	—
Female	235	1	1	3	4	13	14	21	32	66	47	33	—
Leukemia (204-208)	16,608	29	149	380	453	619	771	1,016	2,309	4,342	4,470	2,070	—
Male	9,166	11	80	228	277	366	449	575	1,369	2,591	2,438	782	—
Female	7,442	18	69	152	176	253	322	441	940	1,751	2,032	1,288	—
Hispanic	640	1	21	50	62	64	56	62	83	105	97	39	—
Male	371	1	14	25	42	39	35	41	45	58	51	20	—
Female	269	—	7	25	20	25	21	21	38	47	46	19	—
Mexican	323	1	12	37	35	33	28	35	42	51	35	14	—
Male	191	1	8	19	22	22	17	22	24	27	19	10	—
Female	132	—	4	18	13	11	11	13	18	24	16	4	—
Puerto Rican	56	—	4	3	8	6	4	8	8	5	7	3	—
Male	30	—	3	1	4	3	2	6	5	2	3	1	—
Female	26	—	1	2	4	3	2	2	3	3	4	2	—
Cuban	73	—	1	—	2	4	5	6	14	12	19	10	—
Male	39	—	1	—	2	3	2	4	5	7	10	5	—
Female	34	—	—	—	—	1	3	2	9	5	9	5	—
Central and South American	61	—	1	5	8	8	11	8	5	8	6	1	—
Male	36	—	1	2	6	5	7	6	4	4	1	—	—
Female	25	—	—	3	2	3	4	2	1	4	5	1	—
Other and unknown Hispanic	127	—	3	5	9	13	8	5	14	29	30	11	—
Male	75	—	1	3	8	6	7	3	7	18	18	4	—
Female	52	—	2	2	1	7	1	2	7	11	12	7	—
Non-Hispanic	15,823	27	124	321	385	548	705	942	2,215	4,199	4,340	2,017	—
Male	8,706	10	62	196	232	322	408	527	1,315	2,511	2,364	759	—
Female	7,117	17	62	125	153	226	297	415	900	1,688	1,976	1,258	—
White	14,267	26	93	261	303	451	586	821	1,956	3,841	4,039	1,890	—
Male	7,630	10	51	157	182	268	339	467	1,160	2,300	2,189	707	—
Female	6,437	16	42	104	121	183	247	354	796	1,541	1,850	1,183	—
Black	1,307	1	22	41	79	70	88	102	215	302	277	116	—
Male	727	—	8	32	44	38	49	54	122	176	157	47	—
Female	580	1	14	9	29	32	39	48	93	126	120	69	—
Not stated	145	1	4	9	6	7	10	12	11	38	33	14	—
Male	89	—	4	7	3	5	6	7	9	22	23	3	—
Female	56	1	—	2	3	2	4	5	2	16	10	11	—

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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 44 Reporting States and the District of Columbia, 1989—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)	25,822	3	23	87	275	688	1,139	1,821	4,209	7,526	7,369	2,680	2
Male	13,398	1	18	63	180	480	768	1,132	2,410	3,939	3,403	1,003	1
Female	12,424	2	5	24	95	208	371	689	1,799	3,587	3,966	1,677	1
Hispanic	977	1	5	12	31	53	91	96	203	228	195	62	-
Male	525	-	5	11	21	36	63	54	111	108	86	30	-
Female	452	1	-	1	10	17	28	42	92	120	109	32	-
Mexican	458	-	4	6	13	20	28	40	104	113	99	31	-
Male	242	-	4	6	9	14	15	18	59	60	44	13	-
Female	216	-	-	-	4	6	13	22	45	53	55	18	-
Puerto Rican	130	-	-	2	9	12	27	17	27	17	15	4	-
Male	76	-	-	1	7	9	22	8	14	9	6	-	-
Female	54	-	-	1	2	3	5	9	13	8	9	4	-
Cuban	98	-	-	-	2	4	8	7	13	30	25	9	-
Male	47	-	-	-	3	6	3	9	12	10	4	-	-
Female	51	-	-	-	2	1	2	4	4	18	15	5	-
Central and South American	84	-	1	2	5	6	11	8	18	16	14	3	-
Male	49	-	1	2	4	3	7	7	11	5	6	3	-
Female	35	-	-	-	1	3	4	1	7	11	8	-	-
Other and unknown Hispanic	207	1	-	2	2	11	17	24	41	52	42	15	-
Male	111	-	-	2	1	7	13	18	18	22	20	10	-
Female	96	1	-	-	1	4	4	6	23	30	22	5	-
Non-Hispanic 1	24,615	2	18	74	240	628	1,035	1,711	3,965	7,237	7,106	2,597	2
Male	12,751	1	13	51	156	441	695	1,069	2,270	3,799	3,288	967	1
Female	11,864	1	5	23	84	187	340	642	1,695	3,438	3,818	1,630	1
White	22,064	1	11	64	193	505	871	1,420	3,475	6,556	6,552	2,414	2
Male	11,368	-	7	46	118	344	594	889	2,000	3,457	3,029	883	1
Female	10,696	1	4	18	75	161	277	531	1,475	3,099	3,523	1,531	1
Black	2,242	1	5	9	44	107	147	253	427	604	478	167	-
Male	1,206	-	4	4	36	86	92	160	236	299	214	74	-
Female	1,036	1	1	5	8	21	55	93	191	305	264	93	-
Not stated 2	230	-	-	1	4	7	13	14	41	61	68	21	-
Male	122	-	-	1	3	3	10	9	29	32	29	6	-
Female	108	-	-	-	1	4	3	5	12	29	39	15	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	6,069	54	60	76	81	153	246	373	729	1,387	1,828	1,081	1
Male	2,762	29	30	43	45	88	124	202	363	685	794	359	-
Female	3,307	25	30	33	36	65	122	171	366	702	1,034	722	1
Hispanic	220	5	12	4	8	10	18	22	30	44	47	20	-
Male	106	3	5	3	2	6	12	9	17	17	23	9	-
Female	114	2	7	1	6	4	6	13	13	27	24	11	-
Mexican	119	2	8	1	6	7	8	14	14	21	25	13	-
Male	61	2	4	-	2	5	5	6	8	8	15	6	-
Female	58	-	4	1	4	2	3	8	6	13	10	7	-
Puerto Rican	25	-	-	2	-	2	1	5	3	6	5	1	-
Male	12	-	-	2	-	-	1	3	3	3	3	-	-
Female	13	-	-	-	-	2	1	4	3	3	2	1	-
Cuban	22	1	-	-	-	-	-	-	7	2	9	3	-
Male	8	-	-	-	-	-	-	-	3	1	2	2	-
Female	14	1	-	-	-	-	-	-	4	1	7	1	-
Central and South American	14	-	2	-	1	-	4	1	3	2	1	-	-
Male	3	-	-	-	-	-	3	-	-	-	-	-	-
Female	11	-	2	-	1	-	1	1	3	2	1	-	-
Other and unknown Hispanic	40	2	2	1	1	1	5	2	3	13	7	3	-
Male	22	1	1	1	-	1	4	2	3	5	3	1	-
Female	18	1	1	-	1	-	1	-	-	8	4	2	-
Non-Hispanic 1	5,790	49	48	70	72	140	226	346	691	1,333	1,762	1,052	1
Male	2,623	26	25	39	42	81	110	189	343	662	760	346	-
Female	3,167	23	23	31	30	59	116	157	348	671	1,002	706	1
White	5,081	34	32	59	52	112	179	280	589	1,166	1,612	965	1
Male	2,309	21	14	35	25	73	93	155	289	589	701	314	-
Female	2,772	13	18	24	27	39	86	125	300	577	911	651	1
Black	619	13	10	9	16	25	38	59	93	145	135	76	-
Male	273	5	6	4	15	7	15	29	51	63	51	27	-
Female	346	8	4	5	1	18	23	30	42	82	84	49	-
Not stated 2	59	-	-	2	1	3	2	5	8	10	19	9	-
Male	33	-	-	1	1	1	2	4	3	6	11	4	-
Female	26	-	-	1	-	2	-	1	5	4	8	5	-

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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 44 Reporting States and the District of Columbia, 1989—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)	42,338	6	13	28	123	615	1,309	2,492	6,208	11,878	12,849	6,817	-
Male	17,880	5	6	7	61	365	812	1,387	3,042	5,356	4,942	1,897	-
Female	24,458	1	7	21	62	250	497	1,105	3,166	6,522	7,907	4,920	-
Hispanic	2,449	2	-	4	14	42	88	193	515	705	615	271	-
Male	1,097	1	-	-	8	27	55	123	239	324	227	93	-
Female	1,352	1	-	4	6	15	33	70	276	381	388	178	-
Mexican	1,433	1	-	4	8	21	53	114	339	424	338	131	-
Male	639	-	-	-	4	13	32	73	147	199	127	44	-
Female	794	1	-	4	4	8	21	41	192	225	211	87	-
Puerto Rican	259	-	-	-	3	6	12	30	62	62	56	27	-
Male	126	-	-	-	1	6	9	17	32	30	21	10	-
Female	133	-	-	-	2	-	3	13	31	32	35	17	-
Cuban	208	-	-	-	-	1	3	6	17	63	80	38	-
Male	84	-	-	-	-	1	2	5	12	30	25	9	-
Female	124	-	-	-	-	-	1	1	5	33	55	29	-
Central and South American	81	1	-	-	-	1	4	5	14	23	27	6	-
Male	33	1	-	-	-	1	2	4	7	11	6	1	-
Female	48	-	-	-	-	-	2	1	7	12	21	5	-
Other and unknown Hispanic	468	-	-	-	3	13	16	38	82	133	114	69	-
Male	215	-	-	-	3	6	10	24	41	54	48	29	-
Female	253	-	-	-	-	7	6	14	41	79	66	40	-
Non-Hispanic ¹	39,587	4	12	23	109	566	1,215	2,280	5,647	11,089	12,144	6,498	-
Male	16,661	4	6	7	53	335	754	1,250	2,785	4,994	4,677	1,796	-
Female	22,926	-	6	16	56	231	461	1,030	2,862	6,095	7,467	4,702	-
White	32,243	4	11	20	66	434	906	1,620	4,164	8,951	10,314	5,753	-
Male	13,778	4	6	6	31	250	571	916	2,138	4,156	4,097	1,603	-
Female	18,465	-	5	14	35	184	335	704	2,026	4,795	6,217	4,150	-
Black	6,618	-	1	3	41	121	297	595	1,348	1,928	1,614	670	-
Male	2,553	-	-	1	21	77	175	301	587	748	484	159	-
Female	4,065	-	1	2	20	44	122	294	761	1,180	1,130	511	-
Not stated ²	302	-	1	1	-	7	6	19	46	84	90	48	-
Male	122	-	-	-	-	3	3	14	18	38	38	8	-
Female	180	-	1	1	-	4	3	5	28	46	52	40	-
Nutritional deficiencies (260-269)	2,765	12	3	3	8	15	34	38	113	303	836	1,398	2
Male	997	8	1	1	3	9	17	20	62	149	318	407	2
Female	1,768	4	2	2	5	6	17	18	51	154	518	991	-
Hispanic	68	-	1	1	1	-	2	-	2	11	25	12	-
Male	30	-	-	1	-	-	-	-	2	6	9	12	-
Female	38	-	1	-	1	-	2	-	-	5	16	13	-
Mexican	36	-	1	-	1	-	-	-	2	5	15	12	-
Male	16	-	-	-	-	-	-	-	2	4	4	6	-
Female	20	-	1	-	1	-	-	-	1	1	11	6	-
Puerto Rican	4	-	-	-	-	-	1	-	-	-	2	1	-
Male	3	-	-	-	-	-	-	-	-	-	2	1	-
Female	1	-	-	-	-	-	1	-	-	-	-	-	-
Cuban	8	-	-	-	-	-	-	-	-	1	2	5	-
Male	2	-	-	-	-	-	-	-	-	-	-	2	-
Female	6	-	-	-	-	-	-	-	-	1	2	3	-
Central and South American	3	-	-	-	-	-	-	-	-	-	2	1	-
Male	-	-	-	-	-	-	-	-	-	-	-	1	-
Female	3	-	-	-	-	-	-	-	-	-	2	1	-
Other and unknown Hispanic	17	-	-	1	-	-	1	-	-	5	4	6	-
Male	9	-	-	1	-	-	-	-	-	2	3	3	-
Female	8	-	-	-	-	-	1	-	-	3	1	3	-
Non-Hispanic ¹	2,673	12	2	2	7	15	32	38	110	290	807	1,358	-
Male	959	8	1	-	3	9	17	20	60	142	307	392	-
Female	1,714	4	1	2	4	6	15	18	50	148	500	966	-
White	2,274	7	1	1	4	9	24	32	76	227	685	1,208	-
Male	794	6	1	-	1	6	13	17	38	107	263	342	-
Female	1,480	1	-	1	3	3	11	15	38	120	422	866	-
Black	374	5	1	-	3	6	8	6	32	61	114	138	-
Male	155	2	-	-	2	3	4	3	21	33	43	44	-
Female	219	3	1	-	1	3	4	3	11	28	71	94	-
Not stated ²	24	-	-	-	-	-	-	-	1	2	4	15	2
Male	8	-	-	-	-	-	-	-	-	1	2	3	2
Female	16	-	-	-	-	-	-	-	1	1	2	12	-

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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 44 Reporting States and the District of Columbia, 1989—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
Anemias (280-285)	3,597	37	45	42	99	161	161	153	234	593	1,000	1,072	-
Male	1,541	21	26	17	59	85	85	81	115	272	432	348	-
Female	2,056	16	19	25	40	76	76	72	119	321	568	724	-
Hispanic	133	2	5	5	6	6	10	9	10	26	31	23	-
Male	70	1	3	4	6	2	9	3	7	10	16	9	-
Female	63	1	2	1	-	4	1	6	3	16	15	14	-
Mexican	69	1	2	3	5	-	4	4	4	16	17	13	-
Male	36	-	1	2	5	-	4	2	3	7	9	3	-
Female	33	1	1	1	-	-	-	2	1	9	8	10	-
Puerto Rican	13	-	1	-	-	-	2	-	3	-	4	3	-
Male	9	-	-	-	-	-	1	-	3	-	3	2	-
Female	4	-	1	-	-	-	1	-	-	-	1	1	-
Cuban	14	-	-	-	-	1	-	1	1	4	4	3	-
Male	5	-	-	-	-	1	-	-	1	-	2	1	-
Female	9	-	-	-	-	-	-	1	-	4	2	2	-
Central and South American	6	-	-	-	1	2	-	-	-	1	-	2	-
Male	3	-	-	-	1	-	-	-	-	-	-	2	-
Female	3	-	-	-	-	2	-	-	-	1	-	-	-
Other and unknown Hispanic	31	1	2	2	-	3	4	4	2	5	6	2	-
Male	17	1	2	2	-	1	4	4	1	3	2	1	-
Female	14	-	-	-	-	2	-	3	2	2	4	1	-
Non-Hispanic 1	3,436	35	40	37	89	153	151	141	223	561	963	1,043	-
Male	1,456	20	23	13	51	83	76	75	107	261	412	335	-
Female	1,980	15	17	24	38	70	75	66	116	300	551	708	-
White	2,656	13	13	18	26	33	49	72	157	464	858	953	-
Male	1,101	5	9	8	17	14	27	44	75	223	373	306	-
Female	1,555	8	4	10	9	19	22	28	82	241	485	647	-
Black	729	16	26	14	63	117	101	66	60	87	96	83	-
Male	336	12	14	5	34	68	49	29	30	32	35	28	-
Female	393	4	12	9	29	49	52	37	30	55	61	55	-
Not stated 2	28	-	-	-	4	2	-	3	1	6	6	6	-
Male	15	-	-	-	2	-	-	3	1	1	4	4	-
Female	13	-	-	-	2	2	-	-	-	5	2	2	-
Meningitis (320-322)	983	207	91	18	23	61	83	81	93	145	116	63	2
Male	541	113	62	10	14	38	61	52	53	72	43	22	1
Female	442	94	29	8	9	23	22	29	40	73	73	41	1
Hispanic	105	33	8	2	6	9	8	11	9	6	9	3	1
Male	72	20	6	2	3	6	7	9	8	4	4	2	1
Female	33	13	2	-	3	3	1	2	1	2	5	1	-
Mexican	61	23	5	1	5	3	5	8	2	3	3	2	1
Male	39	13	3	1	2	3	4	6	2	2	1	1	1
Female	22	10	2	-	3	-	1	2	-	1	2	1	-
Puerto Rican	13	2	1	-	-	4	2	2	2	-	-	-	-
Male	9	-	1	-	-	2	2	2	2	-	-	-	-
Female	4	2	-	-	-	2	-	-	-	-	-	-	-
Cuban	8	-	-	-	-	1	1	-	2	1	3	-	-
Male	5	-	-	-	-	1	1	-	1	-	2	-	-
Female	3	-	-	-	-	-	-	-	1	1	1	-	-
Central and South American	4	1	-	-	1	-	-	-	1	1	1	-	-
Male	4	1	-	-	1	-	-	-	1	1	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	19	7	2	1	-	1	-	1	2	2	2	1	-
Male	15	6	2	1	-	-	-	1	2	2	-	1	-
Female	4	1	-	-	-	1	-	-	-	-	2	-	-
Non-Hispanic 1	858	172	81	16	17	50	73	68	79	137	105	59	1
Male	458	91	55	8	11	32	52	41	41	68	39	20	-
Female	400	81	26	8	6	18	21	27	38	69	66	39	1
White	537	84	56	10	10	29	35	30	51	99	86	47	-
Male	275	46	37	5	7	16	22	15	25	51	33	18	-
Female	262	38	19	5	3	13	13	15	26	48	53	29	-
Black	289	74	23	5	6	21	36	37	23	33	19	11	1
Male	165	37	16	2	4	16	29	25	14	14	6	2	-
Female	124	37	7	3	2	5	7	12	9	19	13	9	1
Not stated 2	20	2	2	-	-	2	2	2	5	2	2	1	-
Male	11	2	1	-	-	-	2	2	4	-	-	-	-
Female	9	-	1	-	-	2	-	-	1	2	2	1	-

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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 44 Reporting States and the District of Columbia, 1989—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)	846,290	828	287	336	1,098	4,134	13,217	33,154	86,508	184,145	274,894	247,591	98
Male	409,993	454	159	173	648	2,667	9,451	23,734	58,362	110,658	129,394	74,238	55
Female	436,297	374	128	163	450	1,467	3,766	9,420	28,146	73,487	145,500	173,353	43
Hispanic	24,019	96	41	32	117	354	795	1,702	3,507	5,424	6,763	5,184	4
Male	12,770	52	16	16	70	250	564	1,184	3,164	3,164	3,256	1,929	3
Female	11,249	44	25	16	47	104	231	518	1,241	2,260	3,507	3,255	1
Mexican	11,729	55	21	19	66	167	363	782	1,761	2,776	3,238	2,479	2
Male	6,306	32	9	8	44	118	254	544	1,139	1,642	1,557	957	2
Female	5,423	23	12	11	22	49	109	238	622	1,134	1,681	1,522	-
Puerto Rican	2,951	18	5	7	24	74	142	315	555	686	689	435	1
Male	1,532	9	2	4	12	54	96	205	359	356	306	129	-
Female	1,419	9	3	3	12	20	46	110	196	330	383	306	1
Cuban	3,020	1	-	-	5	20	55	139	369	604	1,043	784	-
Male	1,613	-	-	-	3	14	47	111	259	393	519	267	-
Female	1,407	1	-	-	2	6	8	28	110	211	524	517	-
Central and South American	1,284	8	5	2	7	33	59	148	184	308	308	222	-
Male	623	6	2	1	3	23	42	95	112	146	131	62	-
Female	661	2	3	1	4	10	17	53	72	162	177	160	-
Other and unknown Hispanic	5,035	14	10	4	15	60	176	318	638	1,050	1,485	1,264	1
Male	2,696	5	3	3	8	41	125	229	397	627	743	514	1
Female	2,339	9	7	1	7	19	51	89	241	423	742	750	-
Non-Hispanic	814,648	722	240	303	967	3,728	12,258	31,062	81,948	177,017	265,931	240,406	66
Male	393,195	398	140	156	571	2,380	8,761	22,253	55,319	106,382	125,077	71,728	30
Female	421,453	324	100	147	396	1,348	3,497	8,809	26,629	70,635	140,854	168,678	36
White	720,132	460	148	205	648	2,455	8,574	23,434	66,890	153,557	240,252	223,465	44
Male	347,148	265	88	113	394	1,844	6,412	17,410	46,570	94,090	113,912	66,231	19
Female	372,984	195	60	92	254	811	2,162	6,024	20,320	59,467	126,340	157,234	25
Black	85,366	231	77	82	294	1,190	3,416	6,961	13,753	21,334	23,051	14,957	20
Male	40,831	115	43	37	163	687	2,162	4,391	7,943	11,037	9,630	4,613	10
Female	44,535	116	34	45	131	503	1,254	2,570	5,810	10,297	13,421	10,344	10
Not stated	7,623	10	6	1	14	52	164	390	1,053	1,704	2,200	2,001	28
Male	4,028	4	3	-	7	37	126	297	777	1,112	1,061	581	22
Female	3,595	6	3	-	7	15	38	93	276	592	1,139	1,420	6
Diseases of heart (390-398,402,404-429)	666,465	689	243	249	820	3,080	10,535	27,831	73,195	150,053	213,270	186,421	79
Male	334,650	374	137	127	507	2,103	7,935	20,755	50,640	92,189	102,556	57,279	48
Female	331,815	315	106	122	313	977	2,600	7,076	22,555	57,864	110,714	129,142	31
Hispanic	19,044	79	36	20	86	258	570	1,334	2,864	4,383	5,310	4,102	2
Male	10,382	41	15	10	54	188	429	984	1,910	2,613	2,602	1,535	1
Female	8,662	38	21	10	32	70	141	350	954	1,770	2,708	2,567	1
Mexican	9,141	49	19	10	47	120	253	606	1,426	2,212	2,500	1,898	1
Male	5,087	27	9	4	32	89	194	451	958	1,338	1,239	745	1
Female	4,054	22	10	6	15	31	59	155	468	874	1,261	1,153	-
Puerto Rican	2,438	14	4	6	21	61	109	246	465	582	563	366	1
Male	1,278	8	1	3	12	44	74	165	304	308	246	113	-
Female	1,160	6	3	3	9	17	35	81	161	274	317	253	1
Cuban	2,476	-	-	-	3	13	43	110	316	484	856	651	-
Male	1,333	-	-	-	2	9	38	89	224	316	427	228	-
Female	1,143	-	-	-	1	4	5	21	92	168	429	423	-
Central and South American	972	6	5	2	4	19	43	110	136	246	223	178	-
Male	490	4	2	1	2	13	31	79	87	124	98	49	-
Female	482	2	3	1	2	6	12	31	49	122	125	129	-
Other and unknown Hispanic	4,017	10	8	2	11	45	122	262	521	859	1,168	1,009	-
Male	2,194	2	3	2	6	33	92	200	337	527	592	400	-
Female	1,823	8	5	-	5	12	30	62	184	332	576	609	-
Non-Hispanic	641,156	603	202	229	726	2,788	9,825	26,165	69,434	144,246	206,166	180,720	52
Male	320,877	330	120	117	448	1,892	7,393	19,518	48,056	88,617	99,081	55,279	26
Female	320,279	273	82	112	278	896	2,432	6,647	21,378	55,629	107,085	125,441	26
White	568,929	381	123	152	483	1,856	7,113	20,249	57,391	126,052	186,991	168,102	36
Male	284,678	220	75	85	304	1,310	5,579	15,629	40,891	79,916	90,549	51,103	17
Female	284,251	161	48	67	179	546	1,534	4,620	16,500	47,136	96,442	116,999	19
Black	65,409	196	68	62	226	874	2,524	5,424	11,036	16,571	17,238	11,175	15
Male	32,169	94	39	27	133	548	1,671	3,531	6,495	8,728	7,379	3,515	9
Female	33,240	102	29	35	93	326	853	1,893	4,541	7,843	9,859	7,660	6
Not stated	6,265	7	5	-	8	34	140	332	897	1,424	1,794	1,599	25
Male	3,391	3	2	-	5	23	113	253	674	959	873	465	21
Female	2,874	4	3	-	3	11	27	79	223	465	921	1,134	4

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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 44 Reporting States and the District of Columbia, 1989—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)	5,686	4	6	8	34	89	235	375	791	1,569	1,797	778	-
Male	1,753	2	3	4	9	43	104	143	312	504	476	153	-
Female	3,933	2	3	4	25	46	131	232	479	1,065	1,321	625	-
Hispanic	199	1	3	-	7	11	24	30	38	34	35	16	-
Male	63	1	1	-	2	3	11	12	10	11	9	3	-
Female	136	-	2	-	5	8	13	18	28	23	26	13	-
Mexican	92	-	3	-	3	4	11	17	14	17	19	4	-
Male	30	-	1	-	1	1	5	8	5	4	4	1	-
Female	62	-	2	-	2	3	6	9	9	13	15	3	-
Puerto Rican	22	1	-	-	1	3	3	6	4	3	-	1	-
Male	6	1	-	-	-	1	1	2	-	1	-	-	-
Female	16	-	-	-	1	2	2	4	2	-	-	1	-
Cuban	17	-	-	-	-	1	1	1	3	4	5	2	-
Male	6	-	-	-	-	-	1	1	2	2	-	-	-
Female	11	-	-	-	-	1	-	-	1	2	5	2	-
Central and South American	16	-	-	-	1	3	3	4	2	2	-	1	-
Male	5	-	-	-	1	1	1	-	1	1	-	-	-
Female	11	-	-	-	-	2	2	4	1	1	-	1	-
Other and unknown Hispanic	52	-	-	-	2	-	6	2	15	8	11	8	-
Male	16	-	-	-	-	-	3	1	2	3	5	2	-
Female	36	-	-	-	2	-	3	1	13	5	6	6	-
Non-Hispanic ¹	5,442	3	3	8	25	77	209	341	747	1,522	1,751	756	-
Male	1,678	2	1	4	7	39	92	129	299	490	465	150	-
Female	3,764	2	1	4	18	38	117	212	448	1,032	1,286	606	-
White	4,949	3	3	5	19	52	136	269	648	1,405	1,678	731	-
Male	1,496	1	2	3	5	25	53	105	259	452	445	146	-
Female	3,453	2	1	2	14	27	83	164	389	953	1,233	585	-
Black	383	-	-	3	2	18	62	54	79	85	59	21	-
Male	147	-	-	1	-	11	33	19	34	30	16	3	-
Female	236	-	-	2	2	7	29	35	45	55	43	18	-
Not stated ²	45	-	-	-	2	1	2	4	6	13	11	6	-
Male	12	-	-	-	-	1	1	2	3	3	2	-	-
Female	33	-	-	-	2	-	1	2	3	10	9	6	-
Hypertensive heart disease (402)	18,895	2	2	2	11	130	518	1,273	2,621	4,257	5,572	4,501	6
Male	8,050	2	1	1	7	95	349	819	1,631	2,215	2,010	917	3
Female	10,845	-	1	1	4	35	169	454	990	2,042	3,562	3,584	3
Hispanic	669	-	1	-	1	10	21	72	135	146	162	121	-
Male	331	-	-	-	1	8	16	50	82	73	64	37	-
Female	338	-	1	-	-	2	5	22	53	73	98	84	-
Mexican	276	-	1	-	1	3	7	20	50	64	77	53	-
Male	136	-	-	-	1	3	6	14	32	34	29	17	-
Female	140	-	1	-	-	-	1	6	18	30	48	36	-
Puerto Rican	84	-	-	-	-	5	5	14	23	14	17	6	-
Male	42	-	-	-	-	3	3	10	13	4	8	1	-
Female	42	-	-	-	-	2	2	4	10	10	9	5	-
Cuban	121	-	-	-	-	-	1	9	28	30	28	25	-
Male	67	-	-	-	-	-	1	7	17	18	15	9	-
Female	54	-	-	-	-	-	-	2	11	12	13	16	-
Central and South American	48	-	-	-	-	-	2	12	7	14	8	5	-
Male	21	-	-	-	-	-	1	9	2	7	1	1	-
Female	27	-	-	-	-	-	1	3	5	7	7	4	-
Other and unknown Hispanic	140	-	-	-	-	2	6	17	27	24	32	32	-
Male	65	-	-	-	-	2	5	10	18	10	11	9	-
Female	75	-	-	-	-	-	1	7	9	14	21	23	-
Non-Hispanic ¹	18,032	2	1	2	10	119	492	1,182	2,445	4,075	5,365	4,336	3
Male	7,612	2	1	1	6	87	328	756	1,519	2,119	1,927	866	-
Female	10,420	-	-	1	4	32	164	426	926	1,956	3,438	3,470	3
White	13,018	1	1	1	3	52	204	543	1,407	2,815	4,258	3,732	1
Male	5,213	1	1	-	3	42	153	370	930	1,504	1,514	695	-
Female	7,805	-	-	1	-	10	51	173	477	1,311	2,744	3,037	1
Black	4,760	1	-	1	7	64	285	618	1,002	1,207	1,028	545	2
Male	2,255	1	-	1	3	43	174	367	563	585	370	148	-
Female	2,505	-	-	-	4	21	111	251	439	622	658	397	2
Not stated ²	194	-	-	-	-	1	5	19	41	36	45	44	3
Male	107	-	-	-	-	-	5	13	30	23	19	14	3
Female	87	-	-	-	-	1	-	6	11	13	26	30	-

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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 44 Reporting States and the District of Columbia, 1989—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)	2,170	-	-	-	4	15	26	58	180	428	777	682	-
Male	860	-	-	-	3	10	19	35	94	191	308	200	-
Female	1,310	-	-	-	1	5	7	23	86	237	469	482	-
Hispanic	59	-	-	-	1	-	-	2	10	22	12	12	-
Male	31	-	-	-	-	-	-	1	7	10	6	7	-
Female	28	-	-	-	1	-	-	1	3	12	6	5	-
Mexican	32	-	-	-	1	-	-	2	5	12	4	8	-
Male	18	-	-	-	-	-	-	1	3	5	4	5	-
Female	14	-	-	-	1	-	-	1	2	7	-	3	-
Puerto Rican	3	-	-	-	-	-	-	-	1	2	-	-	-
Male	2	-	-	-	-	-	-	-	1	2	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	6	-	-	-	-	-	-	-	1	1	4	-	-
Male	3	-	-	-	-	-	-	-	1	-	2	-	-
Female	3	-	-	-	-	-	-	-	-	1	2	-	-
Central and South American	3	-	-	-	-	-	-	-	-	2	1	-	-
Male	1	-	-	-	-	-	-	-	-	1	-	-	-
Female	2	-	-	-	-	-	-	-	-	1	1	-	-
Other and unknown Hispanic	15	-	-	-	-	-	-	-	3	5	3	4	-
Male	7	-	-	-	-	-	-	-	3	2	-	2	-
Female	8	-	-	-	-	-	-	-	-	3	3	2	-
Non-Hispanic ¹	2,091	-	-	-	3	15	25	53	168	402	759	666	-
Male	823	-	-	-	3	10	18	33	86	180	301	192	-
Female	1,268	-	-	-	-	5	7	20	82	222	458	474	-
White	1,509	-	-	-	1	6	7	15	85	254	575	566	-
Male	582	-	-	-	1	5	6	6	50	125	219	170	-
Female	927	-	-	-	-	1	1	9	35	129	356	396	-
Black	547	-	-	-	2	9	16	38	76	142	171	93	-
Male	225	-	-	-	2	5	12	27	33	52	74	20	-
Female	322	-	-	-	-	4	4	11	43	90	97	73	-
Not stated ²	20	-	-	-	-	-	1	3	2	4	6	4	-
Male	6	-	-	-	-	-	1	1	1	1	1	1	-
Female	14	-	-	-	-	-	-	2	1	3	5	3	-
Ischemic heart disease (410-414)	456,092	29	4	11	93	1,027	5,902	18,092	49,879	105,861	149,562	125,594	38
Male	235,775	14	4	6	64	781	4,796	14,160	35,553	66,585	73,997	39,790	25
Female	220,317	15	-	5	29	246	1,106	3,932	14,326	39,276	75,565	85,804	13
Hispanic	12,406	2	1	2	9	64	262	794	1,818	2,999	3,698	2,755	2
Male	6,813	1	1	2	7	52	216	614	1,224	1,815	1,841	1,039	1
Female	5,593	1	-	-	2	12	46	180	594	1,184	1,857	1,716	1
Mexican	5,728	1	-	1	3	26	112	369	878	1,468	1,642	1,227	1
Male	3,202	-	-	1	3	22	91	279	582	897	831	495	1
Female	2,526	1	-	-	-	4	21	90	296	571	811	732	-
Puerto Rican	1,659	1	-	-	3	14	47	151	332	423	414	273	1
Male	883	1	-	-	2	12	37	113	224	227	180	87	-
Female	776	-	-	-	1	2	10	38	108	196	234	186	1
Cuban	1,826	-	-	-	1	4	29	62	209	358	674	489	-
Male	980	-	-	-	1	4	26	55	148	234	335	177	-
Female	846	-	-	-	-	-	3	7	61	124	339	312	-
Central and South American	632	-	-	-	1	7	20	57	95	169	161	122	-
Male	340	-	-	-	1	4	16	46	71	87	78	37	-
Female	292	-	-	-	-	3	4	11	24	82	83	85	-
Other and unknown Hispanic	2,561	-	1	1	1	13	54	155	304	581	807	644	-
Male	1,408	-	1	1	-	10	46	121	199	370	417	243	-
Female	1,153	-	-	-	1	3	8	34	105	211	390	401	-
Non-Hispanic ¹	439,632	26	3	9	84	954	5,576	17,097	47,531	101,924	144,643	121,761	24
Male	226,766	13	3	4	57	721	4,526	13,388	33,924	64,136	71,544	38,438	12
Female	212,866	13	-	5	27	233	1,050	3,709	13,607	37,788	73,099	83,323	12
White	400,147	12	3	8	55	727	4,498	14,200	41,049	91,637	133,617	114,325	16
Male	207,166	5	3	4	39	567	3,752	11,400	30,036	58,729	66,653	35,970	8
Female	192,981	7	-	4	16	160	745	2,800	11,013	32,808	66,964	78,355	8
Black	35,135	12	-	1	27	217	980	2,583	5,834	9,206	9,759	6,509	7
Male	16,992	7	-	-	17	145	690	1,749	3,448	4,748	4,141	2,043	4
Female	18,143	5	-	1	10	72	290	834	2,386	4,458	5,618	4,466	3
Not stated ²	4,054	1	-	-	-	9	64	201	530	938	1,221	1,078	12
Male	2,196	-	-	-	-	8	54	158	405	634	812	313	12
Female	1,858	1	-	-	-	1	10	43	125	304	609	765	-

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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 44 Reporting States and the District of Columbia, 1989—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.													
Acute myocardial infarction (410)	225,647	16	2	6	62	583	3,435	10,902	29,257	58,976	74,810	47,580	18
Male	122,822	9	2	4	44	446	2,795	8,522	20,756	36,766	37,293	16,174	11
Female	102,825	7	-	2	18	137	640	2,380	8,501	22,210	37,517	31,406	7
Hispanic	6,058	1	1	2	7	37	138	461	1,024	1,600	1,770	1,016	1
Male	3,466	-	1	2	5	31	111	358	683	957	929	389	-
Female	2,592	1	-	-	2	6	27	103	341	643	841	627	1
Mexican	2,978	1	-	1	2	17	65	237	521	805	832	497	-
Male	1,711	-	-	1	2	14	51	180	349	476	441	197	-
Female	1,267	1	-	-	-	3	14	57	172	329	391	300	-
Puerto Rican	805	-	-	-	3	11	23	75	182	221	186	103	1
Male	437	-	-	-	2	9	18	59	117	115	82	35	-
Female	368	-	-	-	1	2	5	16	65	106	104	68	1
Cuban	746	-	-	-	1	3	13	30	106	160	275	158	-
Male	427	-	-	-	1	3	12	26	73	108	149	55	-
Female	319	-	-	-	-	1	4	33	52	126	103	103	-
Central and South American	305	-	-	-	-	1	8	30	51	90	86	39	-
Male	164	-	-	-	-	1	6	24	35	43	45	10	-
Female	141	-	-	-	-	-	2	6	16	47	41	29	-
Other and unknown Hispanic	1,224	-	1	1	1	5	29	89	164	324	391	219	-
Male	727	-	1	1	-	4	24	69	109	215	212	92	-
Female	497	-	-	-	1	1	5	20	55	109	179	127	-
Non-Hispanic ¹	217,657	15	1	4	55	541	3,263	10,328	27,933	56,907	72,433	46,186	11
Male	118,252	9	1	2	39	410	2,657	8,083	19,847	35,495	36,041	15,663	5
Female	99,405	6	-	2	16	131	606	2,245	8,086	21,412	36,392	30,503	6
White	197,508	6	1	4	36	417	2,699	8,713	24,344	51,287	66,936	43,056	9
Male	108,086	4	1	2	25	326	2,247	7,006	17,721	32,549	33,815	14,585	4
Female	89,422	2	-	2	11	91	452	1,707	6,623	18,738	33,321	28,471	5
Black	17,900	8	-	-	17	118	509	1,427	3,220	5,009	4,838	2,753	1
Male	8,819	5	-	-	13	78	361	936	1,881	2,582	2,053	910	-
Female	9,081	3	-	-	4	40	148	491	1,339	2,427	2,785	1,843	1
Not stated ²	1,932	-	-	-	-	5	34	113	300	469	607	398	6
Male	1,104	-	-	-	-	5	27	81	226	314	323	122	6
Female	828	-	-	-	-	-	7	32	74	155	284	276	-
Other acute and subacute forms of ischemic heart disease (411)	1,966	2	-	-	2	16	53	136	311	485	524	437	-
Male	1,087	1	-	-	2	14	36	105	216	324	241	148	-
Female	879	1	-	-	-	2	17	31	95	161	283	289	-
Hispanic	50	-	-	-	-	2	5	2	7	15	13	6	-
Male	33	-	-	-	-	1	4	1	7	11	6	3	-
Female	17	-	-	-	-	1	1	1	-	4	7	3	-
Mexican	28	-	-	-	-	1	5	1	4	8	6	3	-
Male	21	-	-	-	-	-	4	1	4	7	2	3	-
Female	7	-	-	-	-	1	1	-	-	1	4	-	-
Puerto Rican	3	-	-	-	-	-	-	1	1	-	1	-	-
Male	1	-	-	-	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	-	1	-	-	1	-	-
Cuban	7	-	-	-	-	-	-	-	-	1	2	2	-
Male	2	-	-	-	-	-	-	-	1	-	1	-	-
Female	5	-	-	-	-	-	-	-	-	1	2	2	-
Central and South American	1	-	-	-	-	-	-	-	-	1	-	-	-
Male	1	-	-	-	-	-	-	-	-	1	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	11	-	-	-	-	1	-	-	1	4	4	1	-
Male	8	-	-	-	-	1	-	-	1	2	4	-	-
Female	3	-	-	-	-	-	-	-	-	2	-	1	-
Non-Hispanic ¹	1,872	2	-	-	2	14	46	132	297	454	501	424	-
Male	1,027	1	-	-	2	13	30	102	205	301	229	144	-
Female	845	1	-	-	-	1	16	30	92	153	272	280	-
White	1,606	-	-	-	-	11	37	109	241	390	431	387	-
Male	893	-	-	-	-	10	27	90	174	262	200	130	-
Female	713	-	-	-	-	1	10	19	67	128	231	257	-
Black	251	2	-	-	2	3	9	22	52	60	68	33	-
Male	127	1	-	-	2	3	9	12	28	37	29	12	-
Female	124	1	-	-	-	-	6	10	24	23	39	21	-
Not stated ²	44	-	-	-	-	-	2	7	16	10	7	-	-
Male	27	-	-	-	-	-	2	2	4	12	6	1	-
Female	17	-	-	-	-	-	-	-	3	4	4	6	-

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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 44 Reporting States and the District of Columbia, 1989—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)	932	-	-	-	-	1	9	41	76	206	318	281	-
Male	414	-	-	-	-	1	7	31	50	112	143	70	-
Female	518	-	-	-	-	-	2	10	26	94	175	211	-
Hispanic	26	-	-	-	-	-	-	2	3	5	10	6	-
Male	10	-	-	-	-	-	-	1	2	2	2	3	-
Female	16	-	-	-	-	-	-	1	1	3	8	3	-
Mexican	9	-	-	-	-	-	-	2	-	1	4	2	-
Male	1	-	-	-	-	-	-	1	-	-	-	-	-
Female	8	-	-	-	-	-	-	1	-	1	4	2	-
Puerto Rican	3	-	-	-	-	-	-	-	1	-	1	1	-
Male	2	-	-	-	-	-	-	-	1	-	-	1	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Cuban	5	-	-	-	-	-	-	-	1	-	1	3	-
Male	3	-	-	-	-	-	-	-	-	-	1	2	-
Female	2	-	-	-	-	-	-	-	1	-	-	1	-
Central and South American	3	-	-	-	-	-	-	-	1	-	2	-	-
Male	2	-	-	-	-	-	-	-	1	-	1	-	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Other and unknown Hispanic	6	-	-	-	-	-	-	-	-	4	2	-	-
Male	2	-	-	-	-	-	-	-	-	2	-	-	-
Female	4	-	-	-	-	-	-	-	-	2	2	-	-
Non-Hispanic 1	895	-	-	-	-	1	9	39	73	196	305	272	-
Male	399	-	-	-	-	1	7	30	48	106	140	67	-
Female	496	-	-	-	-	-	2	9	25	90	165	205	-
White	806	-	-	-	-	1	9	30	63	168	277	258	-
Male	358	-	-	-	-	1	7	23	43	94	126	64	-
Female	448	-	-	-	-	-	2	7	20	74	151	194	-
Black	79	-	-	-	-	-	-	9	8	26	22	14	-
Male	35	-	-	-	-	-	-	7	4	11	10	3	-
Female	44	-	-	-	-	-	-	2	4	15	12	11	-
Not stated 2	11	-	-	-	-	-	-	-	-	5	3	3	-
Male	5	-	-	-	-	-	-	-	-	4	1	-	-
Female	6	-	-	-	-	-	-	-	-	1	2	3	-
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	227,547	11	2	5	29	427	2,405	7,013	20,235	46,194	73,910	77,296	20
Male	111,452	4	2	2	18	320	1,958	5,502	14,531	29,383	36,320	23,398	14
Female	116,095	7	-	3	11	107	447	1,511	5,704	16,811	37,590	53,898	6
Hispanic	6,272	1	-	-	2	25	119	329	784	1,379	1,905	1,727	1
Male	3,304	1	-	-	2	20	101	254	532	845	904	644	1
Female	2,968	-	-	-	-	5	18	75	252	534	1,001	1,083	-
Mexican	2,713	-	-	-	1	8	42	129	353	654	800	725	1
Male	1,469	-	-	-	1	8	36	97	229	414	388	295	1
Female	1,244	-	-	-	-	-	6	32	124	240	412	430	-
Puerto Rican	848	1	-	-	-	3	24	75	148	202	226	169	-
Male	443	1	-	-	-	3	19	54	105	112	98	51	-
Female	405	-	-	-	-	-	5	21	43	90	128	118	-
Cuban	1,068	-	-	-	-	1	16	32	101	186	396	326	-
Male	548	-	-	-	-	1	14	29	74	125	185	120	-
Female	520	-	-	-	-	-	2	3	27	71	211	206	-
Central and South American	323	-	-	-	1	6	12	27	43	78	73	83	-
Male	173	-	-	-	1	3	10	22	35	43	32	27	-
Female	150	-	-	-	-	3	2	5	8	35	41	56	-
Other and unknown Hispanic	1,320	-	-	-	-	7	25	66	139	249	410	424	-
Male	671	-	-	-	-	5	22	52	89	151	201	151	-
Female	649	-	-	-	-	2	3	14	50	98	209	273	-
Non-Hispanic 1	219,208	9	2	5	27	398	2,258	6,598	19,228	44,367	71,404	74,899	13
Male	107,098	3	2	2	16	297	1,832	5,173	13,824	28,234	35,134	22,564	7
Female	112,120	6	-	3	11	101	426	1,425	5,404	16,133	36,270	52,335	6
White	200,227	6	2	4	19	298	1,753	5,348	16,401	39,792	65,973	70,624	7
Male	97,829	1	2	2	14	230	1,471	4,281	12,098	25,824	32,712	21,191	3
Female	102,398	5	-	2	5	68	282	1,067	4,303	13,968	33,261	49,433	4
Black	16,905	2	-	1	8	96	462	1,125	2,554	4,111	4,831	3,709	6
Male	8,011	1	-	-	2	64	326	794	1,535	2,118	2,049	1,118	4
Female	8,894	1	-	1	6	32	136	331	1,019	1,993	2,782	2,591	2
Not stated 2	2,067	1	-	-	-	4	28	86	223	448	601	670	6
Male	1,060	-	-	-	-	3	25	75	175	304	282	190	6
Female	1,007	1	-	-	-	1	3	11	48	144	319	480	-

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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 44 Reporting States and the District of Columbia, 1989—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)	11,192	17	6	13	31	146	221	310	847	2,126	3,952	3,523	-
Male	4,888	14	4	7	18	90	161	199	492	1,140	1,728	1,035	-
Female	6,304	3	2	6	13	56	60	111	355	986	2,224	2,488	-
Hispanic	290	1	1	2	2	14	24	20	31	69	71	55	-
Male	145	1	-	-	-	13	19	11	15	34	35	17	-
Female	145	-	1	2	2	1	5	9	16	35	36	38	-
Mexican	127	1	-	2	1	3	12	4	16	35	35	18	-
Male	68	1	-	-	-	2	9	-	10	16	25	5	-
Female	59	-	-	2	1	1	3	4	6	19	10	13	-
Puerto Rican	37	-	-	-	-	7	7	4	4	6	4	5	-
Male	20	-	-	-	-	7	6	1	1	1	2	2	-
Female	17	-	-	-	-	-	1	3	3	5	2	3	-
Cuban	44	-	-	-	-	-	1	4	2	11	16	10	-
Male	18	-	-	-	-	-	-	2	-	8	5	3	-
Female	26	-	-	-	-	-	1	2	2	3	11	7	-
Central and South American	18	-	-	-	1	1	1	2	-	4	4	5	-
Male	10	-	-	-	-	1	1	2	-	3	1	2	-
Female	8	-	-	-	1	-	-	-	-	1	3	3	-
Other and unknown Hispanic	64	-	1	-	-	3	3	6	9	13	12	17	-
Male	29	-	-	-	-	3	3	6	4	6	2	5	-
Female	35	-	1	-	-	-	-	-	5	7	10	12	-
Non-Hispanic 1	10,806	16	5	11	29	130	193	285	805	2,044	3,848	3,440	-
Male	4,706	13	4	7	18	76	138	185	469	1,099	1,685	1,012	-
Female	6,100	3	1	4	11	54	55	100	336	945	2,163	2,428	-
White	9,973	14	5	7	23	90	129	228	690	1,867	3,635	3,285	-
Male	4,309	12	4	4	16	53	95	147	407	1,026	1,586	959	-
Female	5,664	2	1	3	7	37	34	81	283	841	2,049	2,326	-
Black	724	-	-	4	6	38	56	49	100	166	187	118	-
Male	339	-	-	3	2	23	40	33	56	68	82	32	-
Female	385	-	-	1	4	15	16	16	44	98	105	86	-
Not stated 2	96	-	-	-	-	2	4	5	11	13	33	28	-
Male	37	-	-	-	-	1	4	3	8	7	8	6	-
Female	59	-	-	-	-	1	-	2	3	6	25	22	-
All other forms of heart disease (415-423,425-429)	172,430	637	225	215	647	1,673	3,633	7,723	18,877	35,812	51,610	51,343	35
Male	83,324	342	125	109	406	1,084	2,506	5,399	12,558	21,554	24,037	15,184	20
Female	89,106	295	100	106	241	589	1,127	2,324	6,319	14,258	27,573	36,159	15
Hispanic	5,421	75	30	16	66	159	239	416	832	1,113	1,332	1,143	-
Male	2,999	38	13	8	44	112	167	296	572	670	647	432	-
Female	2,422	37	17	8	22	47	72	120	260	443	685	711	-
Mexican	2,886	47	15	7	38	84	111	194	463	616	723	588	-
Male	1,633	26	8	3	27	61	83	149	322	382	346	222	-
Female	1,253	21	7	4	11	23	28	45	137	234	377	366	-
Puerto Rican	633	12	4	6	17	32	47	71	101	134	128	81	-
Male	325	6	1	3	10	21	27	39	66	73	56	23	-
Female	308	6	3	3	7	11	20	32	35	61	72	58	-
Cuban	462	-	-	-	2	8	11	34	73	80	129	125	-
Male	259	-	-	-	1	5	10	24	56	54	70	39	-
Female	203	-	-	-	1	3	1	10	17	26	59	86	-
Central and South American	255	6	5	2	1	8	17	35	32	55	49	45	-
Male	113	4	2	1	-	7	12	22	13	25	18	9	-
Female	142	2	3	1	1	1	5	13	19	30	31	36	-
Other and unknown Hispanic	1,185	10	6	1	8	27	53	82	163	228	303	304	-
Male	669	2	2	1	6	18	35	62	111	135	157	139	-
Female	516	8	4	-	2	9	18	20	52	92	146	165	-
Non-Hispanic 1	165,153	556	190	199	575	1,493	3,330	7,207	17,738	34,279	49,800	49,761	25
Male	79,292	301	110	101	357	959	2,291	5,027	11,759	20,593	23,159	14,821	14
Female	85,861	255	80	98	218	534	1,039	2,180	5,979	13,686	26,641	35,140	11
White	139,333	351	111	131	382	929	2,139	4,994	13,512	28,074	43,228	45,463	19
Male	65,912	201	65	74	240	618	1,520	3,601	9,209	17,080	20,132	13,163	9
Female	73,421	150	46	57	142	311	619	1,393	4,303	10,994	23,096	32,300	10
Black	23,860	183	68	53	182	528	1,125	2,082	3,945	5,785	6,034	3,889	8
Male	12,211	86	39	22	109	321	722	1,336	2,361	3,245	2,696	1,289	5
Female	11,649	97	29	31	73	207	403	746	1,584	2,520	3,338	2,620	1
Not stated 2	1,856	6	5	-	6	21	64	100	307	420	478	439	10
Male	1,033	3	2	-	5	13	48	76	227	291	231	131	6
Female	823	3	3	-	1	8	16	24	80	129	247	308	4

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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 44 Reporting States and the District of Columbia, 1989—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)	7,980	3	2	4	15	62	155	349	784	1,725	2,608	2,272	1
Male	3,442	3	1	1	10	49	99	227	444	862	1,109	637	-
Female	4,538	-	1	3	5	13	56	122	340	863	1,499	1,635	1
Hispanic	293	-	-	-	2	3	14	21	46	63	88	56	-
Male	140	-	-	-	1	2	7	14	26	32	41	17	-
Female	153	-	-	-	1	1	7	7	20	31	47	39	-
Mexican	140	-	-	-	1	1	6	8	19	35	46	24	-
Male	61	-	-	-	1	1	2	4	9	19	18	7	-
Female	79	-	-	-	-	-	4	4	10	16	28	17	-
Puerto Rican	39	-	-	-	-	-	2	5	12	7	8	5	-
Male	22	-	-	-	-	-	1	4	6	5	6	-	-
Female	17	-	-	-	-	-	1	1	6	2	2	5	-
Cuban	51	-	-	-	-	1	3	4	9	6	14	14	-
Male	30	-	-	-	-	1	2	3	7	3	9	5	-
Female	21	-	-	-	-	1	1	1	2	3	5	9	-
Central and South American	15	-	-	-	1	1	-	-	3	4	3	3	-
Male	2	-	-	-	-	-	-	-	2	-	-	-	-
Female	13	-	-	-	1	1	-	-	1	4	3	3	-
Other and unknown Hispanic	48	-	-	-	1	1	-	-	3	11	17	10	-
Male	25	-	-	-	-	-	2	3	2	5	8	5	-
Female	23	-	-	-	-	-	1	1	1	6	9	5	-
Non-Hispanic 1	7,619	3	2	4	12	56	139	325	730	1,650	2,502	2,195	1
Male	3,263	3	1	1	9	44	91	211	411	820	1,062	610	-
Female	4,356	-	1	3	3	12	48	114	319	830	1,440	1,585	1
White	5,778	3	2	4	5	24	48	159	434	1,168	1,989	1,941	1
Male	2,428	3	1	1	4	19	35	111	271	590	862	531	-
Female	3,350	-	1	3	1	5	13	48	163	578	1,127	1,410	1
Black	1,732	-	-	-	7	30	89	158	288	454	477	229	-
Male	781	-	-	-	5	24	55	94	137	213	186	67	-
Female	951	-	-	-	2	6	34	64	151	241	291	162	-
Not stated 2	68	-	-	-	1	3	2	3	8	12	18	21	-
Male	39	-	-	-	-	3	1	2	7	10	6	10	-
Female	29	-	-	-	1	-	1	1	1	2	12	11	-
Cerebrovascular diseases (430-438)													
Cerebrovascular diseases (430-438)	132,233	119	34	71	209	809	2,101	4,118	9,475	23,765	46,282	45,235	15
Male	52,156	66	15	41	101	403	1,139	2,190	5,146	12,021	19,009	12,020	5
Female	80,077	53	19	30	108	406	962	1,928	4,329	11,744	27,273	33,215	10
Hispanic	3,797	14	5	10	24	81	192	303	496	769	1,107	795	1
Male	1,753	9	1	5	12	53	111	155	264	397	472	273	-
Female	2,044	5	4	5	12	28	81	148	232	372	635	522	1
Mexican	2,039	5	2	8	14	42	94	150	273	433	573	445	-
Male	939	4	-	4	9	25	50	80	145	227	245	150	-
Female	1,100	1	2	4	5	17	44	70	128	206	328	295	-
Puerto Rican	381	4	1	1	3	10	27	52	64	69	99	51	-
Male	176	1	1	1	-	7	17	26	39	31	43	10	-
Female	205	3	-	-	3	3	10	26	25	38	56	41	-
Cuban	384	-	-	-	2	6	9	19	35	85	137	91	-
Male	191	-	-	-	1	4	7	14	21	54	61	29	-
Female	193	-	-	-	1	2	2	5	14	31	76	62	-
Central and South American	236	2	-	-	2	10	13	35	36	39	65	34	-
Male	95	2	-	-	1	10	8	13	18	12	22	9	-
Female	141	-	-	-	1	-	5	22	18	27	43	25	-
Other and unknown Hispanic	757	3	2	1	3	13	49	47	88	143	233	174	1
Male	352	2	-	-	1	7	29	22	41	73	101	75	1
Female	405	1	2	1	2	6	20	25	47	70	132	99	-
Non-Hispanic 1	127,493	102	28	60	180	716	1,893	3,774	8,872	22,810	44,884	44,162	12
Male	49,984	56	13	35	87	342	1,019	2,004	4,814	11,529	18,410	11,671	4
Female	77,509	46	15	25	93	374	874	1,770	4,058	11,281	26,474	32,491	8
White	110,324	65	18	41	124	450	1,126	2,417	6,527	18,763	39,851	40,936	6
Male	42,472	34	8	24	63	227	603	1,257	3,585	9,579	16,410	10,680	4
Female	67,852	31	10	17	61	223	523	1,160	2,942	9,184	23,441	30,256	4
Black	15,290	32	7	18	49	248	696	1,211	2,088	3,661	4,478	2,797	5
Male	6,571	20	3	10	21	104	378	672	1,111	1,740	1,696	815	1
Female	8,719	12	4	8	28	144	318	539	977	1,921	2,782	1,982	4
Not stated 2	943	3	1	1	5	12	16	41	107	186	291	278	2
Male	419	1	1	1	2	8	9	31	68	95	127	76	-
Female	524	2	-	-	3	4	7	10	39	91	164	202	2

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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 44 Reporting States and the District of Columbia, 1989—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)	18,835	47	8	34	86	283	814	1,535	2,707	4,414	5,786	3,117	4
Male	8,587	27	5	21	46	159	505	877	1,467	2,176	2,961	941	2
Female	10,248	20	3	13	40	124	309	658	1,240	2,238	3,425	2,176	2
Hispanic	841	7	-	6	10	29	77	116	167	167	175	87	-
Male	438	6	-	3	4	23	57	66	91	86	73	29	-
Female	403	1	-	3	6	6	20	50	76	81	102	58	-
Mexican	439	2	-	6	4	14	36	53	97	94	88	45	-
Male	222	2	-	3	3	11	25	26	57	45	35	15	-
Female	217	-	-	3	1	3	11	27	40	49	53	30	-
Puerto Rican	88	2	-	-	1	3	16	21	17	10	12	6	-
Male	51	1	-	-	-	3	13	15	11	4	3	1	-
Female	37	1	-	-	-	-	3	6	6	6	9	5	-
Cuban	87	-	-	-	1	-	2	10	10	27	23	14	-
Male	49	-	-	-	-	-	2	9	6	18	9	5	-
Female	38	-	-	-	1	-	-	1	4	9	14	9	-
Central and South American	71	2	-	-	1	5	4	15	16	10	13	5	-
Male	37	2	-	-	-	5	4	6	8	4	6	2	-
Female	34	-	-	-	-	-	-	9	8	6	7	3	-
Other and unknown Hispanic	156	1	-	-	3	7	19	17	27	26	39	17	-
Male	79	1	-	-	2	4	13	10	9	15	20	6	-
Female	77	-	-	-	1	3	6	7	18	11	19	11	-
Non-Hispanic 1	17,815	40	7	28	76	254	730	1,399	2,510	4,211	5,554	3,002	4
Male	8,063	21	4	18	42	136	446	794	1,355	2,079	2,282	904	2
Female	9,752	19	3	10	34	118	284	605	1,155	2,132	3,292	2,098	2
White	14,460	21	6	16	47	143	369	791	1,824	3,520	4,976	2,744	3
Male	6,344	11	4	10	27	76	223	426	970	1,740	2,051	825	1
Female	8,116	10	2	6	20	67	146	365	854	1,780	2,945	1,919	2
Black	2,858	14	1	11	23	105	334	537	569	574	460	210	-
Male	1,462	8	-	7	12	54	207	327	341	276	173	57	-
Female	1,396	6	1	4	11	51	127	210	248	298	287	153	-
Not stated 2	179	-	1	-	-	-	7	20	30	36	57	28	-
Male	86	-	1	-	-	-	2	17	21	11	26	8	-
Female	93	-	-	-	-	-	5	3	9	25	31	20	-
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)													
	18,192	14	7	10	19	36	107	305	1,095	3,129	6,443	7,024	3
Male	7,055	7	4	5	8	16	65	197	638	1,660	2,590	1,862	1
Female	11,137	7	3	5	11	18	42	108	457	1,469	3,853	5,162	2
Hispanic	439	-	2	1	-	5	9	24	41	92	148	117	-
Male	206	-	1	-	-	4	4	13	22	52	63	47	-
Female	233	-	1	1	-	1	5	11	19	40	85	70	-
Mexican	232	-	1	-	-	3	6	11	22	52	70	67	-
Male	113	-	-	-	-	2	2	4	12	29	34	30	-
Female	119	-	1	-	-	1	4	7	10	23	36	37	-
Puerto Rican	42	-	1	-	-	-	1	4	4	10	13	9	-
Male	14	-	1	-	-	-	-	2	2	6	9	8	-
Female	28	-	-	-	-	-	-	2	2	3	9	11	-
Cuban	49	-	-	-	-	1	-	2	3	9	23	11	-
Male	28	-	-	-	-	1	-	2	3	8	9	5	-
Female	21	-	-	-	-	-	-	-	-	1	14	6	-
Central and South American	15	-	-	-	-	-	-	1	5	1	7	1	-
Male	4	-	-	-	-	-	-	1	2	-	1	-	-
Female	11	-	-	-	-	-	-	-	3	1	6	1	-
Other and unknown Hispanic	101	-	-	1	-	1	2	6	7	20	35	29	-
Male	47	-	-	-	-	1	2	4	3	11	15	11	-
Female	54	-	-	1	-	-	-	2	4	9	20	18	-
Non-Hispanic 1	17,636	14	5	8	19	30	98	280	1,042	3,016	6,251	6,871	2
Male	6,799	7	3	4	8	13	61	184	610	1,598	2,507	1,803	1
Female	10,837	7	2	4	11	17	37	96	432	1,418	3,744	5,068	1
White	15,611	12	2	6	14	23	64	184	791	2,483	5,606	6,425	1
Male	5,933	5	1	3	5	10	44	126	484	1,313	2,277	1,665	-
Female	9,678	7	1	3	9	13	20	58	307	1,170	3,329	4,760	1
Black	1,848	2	3	2	5	7	32	88	228	494	590	396	1
Male	777	2	2	1	3	3	16	52	116	265	200	116	1
Female	1,071	-	1	1	2	4	16	36	112	229	390	280	-
Not stated 2	117	-	-	1	-	1	-	1	12	21	44	36	1
Male	50	-	-	1	-	1	-	-	6	10	20	12	-
Female	67	-	-	-	-	-	-	1	6	11	24	24	1

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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 44 Reporting States and the District of Columbia, 1989—Con.
(Page 24 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
Cerebrovascular diseases-Con.													
Cerebral embolism (434.1)	626	-	2	-	1	1	7	14	49	138	257	157	-
Male	238	-	2	-	-	-	6	4	28	68	90	40	-
Female	388	-	-	-	1	1	1	10	21	70	167	117	-
Hispanic	16	-	-	-	-	-	1	1	4	2	3	5	-
Male	8	-	-	-	-	-	1	-	2	2	1	2	-
Female	8	-	-	-	-	-	-	1	2	-	2	3	-
Mexican	9	-	-	-	-	-	1	1	2	1	2	2	-
Male	3	-	-	-	-	-	1	-	1	1	-	-	-
Female	6	-	-	-	-	-	-	1	1	-	2	2	-
Puerto Rican	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	4	-	-	-	-	-	-	-	1	1	1	1	-
Male	3	-	-	-	-	-	-	-	-	1	1	1	-
Female	1	-	-	-	-	-	-	-	1	-	-	-	-
Central and South American	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	3	-	-	-	-	-	-	-	1	-	-	2	-
Male	2	-	-	-	-	-	-	-	-	-	-	1	-
Female	1	-	-	-	-	-	-	-	-	-	-	1	-
Non-Hispanic	603	-	2	-	1	1	6	13	45	135	251	149	-
Male	228	-	2	-	-	-	5	4	26	66	88	37	-
Female	375	-	-	-	1	1	1	9	19	69	163	112	-
White	542	-	-	-	1	1	4	10	36	117	234	139	-
Male	195	-	-	-	-	-	3	2	20	54	82	34	-
Female	347	-	-	-	1	1	1	8	16	63	152	105	-
Black	52	-	1	-	-	-	2	3	7	16	14	9	-
Male	26	-	1	-	-	-	2	2	5	10	4	2	-
Female	26	-	-	-	-	-	-	1	2	6	10	7	-
Not stated	7	-	-	-	-	-	-	-	-	1	3	3	-
Male	2	-	-	-	-	-	-	-	-	-	1	1	-
Female	5	-	-	-	-	-	-	-	-	1	2	2	-
All other and late effects of cerebrovascular diseases (430,433,435-438)	94,580	58	17	27	103	489	1,173	2,264	5,624	16,084	33,796	34,937	8
Male	36,276	32	4	15	47	226	563	1,112	3,013	8,117	13,968	9,177	2
Female	58,304	26	13	12	56	263	610	1,152	2,611	7,967	19,828	25,760	6
Hispanic	2,501	7	3	3	14	47	105	162	284	508	781	586	1
Male	1,101	3	-	2	8	26	49	76	149	257	335	195	1
Female	1,400	4	3	1	6	21	56	86	135	251	446	391	-
Mexican	1,359	3	1	2	10	25	51	85	152	286	413	331	-
Male	601	2	-	1	6	12	22	50	75	152	176	105	-
Female	758	1	1	1	4	13	29	35	77	134	237	226	-
Puerto Rican	251	2	-	1	2	7	10	27	43	49	74	36	-
Male	111	-	-	1	4	4	4	9	26	23	36	8	-
Female	140	2	-	-	2	3	6	18	17	26	38	28	-
Cuban	244	-	-	-	1	5	7	7	21	48	90	65	-
Male	111	-	-	-	1	3	5	3	12	27	42	18	-
Female	133	-	-	-	-	2	2	4	9	21	48	47	-
Central and South American	150	-	-	-	1	5	9	19	15	28	45	28	-
Male	54	-	-	-	1	5	4	6	8	8	15	7	-
Female	96	-	-	-	-	-	5	13	7	20	30	21	-
Other and unknown Hispanic	497	2	2	-	-	5	28	24	53	97	159	126	1
Male	224	1	-	-	-	2	14	8	28	47	66	57	-
Female	273	1	2	-	-	3	14	16	25	50	93	69	1
Non-Hispanic	91,439	48	14	24	84	431	1,059	2,082	5,275	15,448	32,828	34,140	6
Male	34,894	28	4	13	37	193	507	1,022	2,823	7,786	13,553	8,927	1
Female	56,545	20	10	11	47	238	552	1,060	2,452	7,662	19,275	25,213	5
White	79,711	32	10	19	62	283	689	1,432	3,876	12,643	29,035	31,628	2
Male	30,000	18	3	11	31	141	333	703	2,111	6,472	12,020	8,156	1
Female	49,711	14	7	8	31	142	356	729	1,765	6,171	17,015	23,472	1
Black	10,532	16	2	5	21	136	328	583	1,264	2,577	3,414	2,182	4
Male	4,306	10	-	2	6	47	153	291	649	1,189	1,319	640	-
Female	6,226	6	2	3	15	89	175	292	615	1,388	2,095	1,542	4
Not stated	640	3	-	-	5	11	9	20	65	128	187	211	1
Male	281	1	-	-	2	7	7	14	41	74	80	55	-
Female	359	2	-	-	3	4	2	6	24	54	107	156	1

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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 44 Reporting States and the District of Columbia, 1989—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)	17,470	1	1	-	2	4	39	143	628	2,120	5,200	9,332	-
Male	6,563	-	1	-	1	3	31	93	393	1,196	2,296	2,549	-
Female	10,907	1	-	-	1	1	8	50	235	924	2,904	6,783	-
Hispanic	366	-	-	-	-	-	2	4	22	66	119	153	-
Male	173	-	-	-	-	-	2	2	14	38	55	62	-
Female	193	-	-	-	-	-	-	2	8	28	64	91	-
Mexican	198	-	-	-	-	-	1	2	12	34	68	81	-
Male	97	-	-	-	-	-	1	-	6	23	31	36	-
Female	101	-	-	-	-	-	-	2	6	11	37	45	-
Puerto Rican	32	-	-	-	-	-	-	1	3	14	8	6	-
Male	15	-	-	-	-	-	-	1	3	6	4	1	-
Female	17	-	-	-	-	-	-	-	8	8	4	5	-
Cuban	39	-	-	-	-	-	-	-	-	6	13	20	-
Male	11	-	-	-	-	-	-	-	-	4	4	3	-
Female	28	-	-	-	-	-	-	-	-	2	9	17	-
Central and South American	15	-	-	-	-	-	1	-	2	4	5	3	-
Male	9	-	-	-	-	-	1	-	2	3	2	1	-
Female	6	-	-	-	-	-	-	-	1	1	3	2	-
Other and unknown Hispanic	82	-	-	-	-	-	-	1	5	8	25	43	-
Male	41	-	-	-	-	-	-	1	3	2	14	21	-
Female	41	-	-	-	-	-	-	-	2	6	11	22	-
Non-Hispanic *	16,969	1	1	-	2	4	36	136	602	2,031	5,044	9,112	-
Male	6,340	-	1	-	1	3	28	90	377	1,147	2,222	2,471	-
Female	10,629	1	-	-	1	1	8	46	225	884	2,822	6,641	-
White	15,659	1	-	-	2	4	29	118	512	1,791	4,640	8,562	-
Male	5,835	-	-	-	1	3	23	82	331	1,025	2,063	2,307	-
Female	9,824	1	-	-	1	1	6	36	181	766	2,577	6,255	-
Black	1,192	-	-	-	-	-	6	16	83	213	380	494	-
Male	455	-	-	-	-	-	5	7	45	107	148	144	-
Female	736	-	-	-	-	-	1	9	38	106	232	350	-
Not stated *	135	-	-	-	-	-	1	3	4	23	37	67	-
Male	50	-	-	-	-	-	1	1	2	11	19	16	-
Female	85	-	-	-	-	-	-	2	2	12	18	51	-
Other diseases of arteries, arterioles, and capillaries (441-448)													
	22,142	16	7	12	52	179	387	713	2,426	6,482	7,534	4,331	3
Male	13,182	11	5	4	29	109	247	469	1,739	4,350	4,424	1,753	2
Female	8,960	5	2	8	23	70	140	244	687	2,092	3,110	2,578	1
Hispanic	519	3	-	2	5	12	17	40	79	143	139	78	1
Male	322	2	-	1	3	7	15	29	52	84	86	42	1
Female	197	1	-	1	2	5	2	11	27	59	53	36	-
Mexican	211	1	-	1	4	4	9	16	31	62	51	31	1
Male	122	1	-	-	2	3	7	9	21	35	24	19	1
Female	89	-	-	1	2	1	2	7	10	27	27	12	-
Puerto Rican	61	-	-	-	-	3	4	11	11	14	11	7	-
Male	41	-	-	-	-	3	4	9	7	6	7	5	-
Female	20	-	-	-	-	-	-	2	4	8	4	2	-
Cuban	70	1	-	-	-	-	-	6	9	23	23	8	-
Male	48	-	-	-	-	-	-	5	7	16	18	2	-
Female	22	1	-	-	-	-	-	1	2	7	5	6	-
Central and South American	46	-	-	-	-	3	2	3	7	15	12	4	-
Male	27	-	-	-	-	2	3	3	7	9	3	3	-
Female	19	-	-	-	-	3	-	-	4	8	3	1	-
Other and unknown Hispanic	131	1	-	1	1	2	2	4	21	29	42	28	-
Male	84	1	-	1	1	1	2	3	14	20	28	13	-
Female	47	-	-	-	-	1	-	1	7	9	14	15	-
Non-Hispanic *	21,411	13	7	10	47	164	365	662	2,310	6,280	7,335	4,217	1
Male	12,731	9	5	3	26	99	230	430	1,661	4,269	4,302	1,697	-
Female	8,680	4	2	7	21	65	135	232	649	2,011	3,033	2,520	1
White	19,442	10	5	8	34	121	258	491	2,026	5,783	6,781	3,924	1
Male	11,735	8	4	3	22	85	172	331	1,492	3,980	4,028	1,610	-
Female	7,707	2	1	5	12	36	86	160	534	1,803	2,753	2,314	1
Black	1,743	3	2	2	12	38	101	152	258	435	478	282	-
Male	854	1	1	-	4	11	53	87	155	249	221	72	-
Female	889	2	1	2	8	27	48	65	103	186	257	190	-
Not stated *	212	-	-	-	-	3	5	11	37	59	60	36	1
Male	129	-	-	-	-	3	2	10	26	37	36	14	1
Female	83	-	-	-	-	-	3	1	11	22	24	22	-

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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 44 Reporting States and the District of Columbia, 1989—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)	579	65	18	4	3	7	7	16	32	95	160	171	1
Male	259	40	9	2	3	4	2	7	21	44	74	53	-
Female	320	25	9	2	-	3	5	9	11	51	86	118	1
Hispanic	27	7	6	-	-	3	-	1	2	1	4	3	-
Male	10	2	4	-	-	1	-	-	2	-	1	3	-
Female	17	5	2	-	-	2	-	1	-	1	3	3	-
Mexican	13	4	2	-	-	1	-	1	-	1	3	1	-
Male	3	-	2	-	-	1	-	-	-	-	-	-	-
Female	10	4	-	-	-	-	-	1	-	1	3	1	-
Puerto Rican	2	-	2	-	-	-	-	-	-	-	-	-	-
Male	2	-	2	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	1	-	-	-	-	-	-	-	-	-	-	-	-
Male	1	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	4	2	1	-	-	1	-	-	-	-	-	-	-
Male	2	1	1	-	-	-	-	-	-	-	-	-	-
Female	2	1	-	-	-	1	-	-	-	-	-	-	-
Other and unknown Hispanic	7	1	-	-	-	-	-	-	2	-	1	1	-
Male	5	1	1	-	-	-	-	-	2	-	1	-	-
Female	2	-	-	-	-	1	-	-	-	-	-	1	-
Non-Hispanic ¹	546	56	12	4	3	4	7	15	30	93	154	168	-
Male	245	36	5	2	3	2	2	7	19	43	72	53	-
Female	301	20	7	2	-	1	5	8	11	50	82	115	-
White	470	25	5	3	2	3	5	10	26	87	144	160	-
Male	208	17	3	2	2	2	2	5	15	41	67	52	-
Female	262	8	2	1	-	1	3	5	11	46	77	108	-
Black	66	25	7	1	1	1	1	5	3	6	8	8	-
Male	29	14	2	-	1	1	-	2	3	2	3	1	-
Female	37	11	5	1	-	-	1	3	-	4	5	7	-
Not stated ²	6	2	-	-	-	-	-	-	-	1	2	-	1
Male	4	2	-	-	-	-	-	-	-	1	1	-	-
Female	2	-	-	-	-	-	-	-	-	-	1	-	1
Pneumonia and influenza (480-487)	70,008	564	210	113	245	810	1,294	1,565	3,521	9,444	21,953	30,276	13
Male	32,600	342	112	60	131	480	856	1,000	2,218	5,772	11,007	10,613	9
Female	37,408	222	98	53	114	330	438	565	1,303	3,672	10,946	19,663	4
Hispanic	2,339	84	29	11	26	76	113	121	210	336	627	706	-
Male	1,295	49	14	6	16	49	90	87	130	204	346	304	-
Female	1,044	35	15	5	10	27	23	34	80	132	281	402	-
Mexican	1,192	57	19	5	16	21	35	42	114	176	322	385	-
Male	660	34	10	2	10	18	28	26	73	107	185	167	-
Female	532	23	9	3	6	3	7	16	41	69	137	218	-
Puerto Rican	338	6	1	3	4	35	31	36	36	60	70	56	-
Male	181	2	-	1	2	17	23	25	20	36	34	21	-
Female	157	4	1	2	2	18	8	11	16	24	36	35	-
Cuban	206	1	-	1	1	2	9	12	14	21	67	78	-
Male	109	1	-	1	-	2	7	10	8	19	29	32	-
Female	97	-	-	-	1	-	2	2	6	2	38	46	-
Central and South American	107	3	5	-	2	2	12	7	11	13	18	34	-
Male	48	-	2	-	1	1	9	7	4	5	11	8	-
Female	59	3	3	-	1	1	3	-	7	8	7	26	-
Other and unknown Hispanic	496	17	4	2	3	16	26	24	35	66	150	153	-
Male	297	12	2	2	3	11	23	19	25	37	87	76	-
Female	199	5	2	-	-	5	3	5	10	29	63	77	-
Non-Hispanic ¹	66,949	474	179	101	213	712	1,151	1,421	3,269	9,011	21,113	29,296	9
Male	30,930	289	97	53	109	417	743	895	2,058	5,501	10,556	10,207	5
Female	36,019	185	82	48	104	295	408	526	1,211	3,510	10,557	19,089	4
White	59,413	281	99	78	137	414	641	935	2,525	7,704	19,157	27,435	7
Male	26,765	179	52	39	68	257	400	552	1,570	4,656	9,534	9,454	4
Female	32,648	102	47	39	69	157	241	383	955	3,048	9,623	17,981	3
Black	6,503	167	64	22	70	289	483	441	668	1,157	1,638	1,502	2
Male	3,565	96	36	13	38	157	324	313	448	753	821	565	1
Female	2,938	71	28	9	32	132	159	128	220	404	817	937	1
Not stated ²	720	6	2	1	6	22	30	23	42	97	213	274	4
Male	375	4	1	1	6	14	23	18	30	67	105	102	4
Female	345	2	1	-	-	8	7	5	12	30	108	172	-

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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 44 Reporting States and the District of Columbia, 1989—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)	68,495	554	202	100	229	797	1,264	1,538	3,456	9,284	21,542	29,516	13
Male	32,081	338	110	53	124	476	842	983	2,185	5,689	10,851	10,421	9
Female	36,414	216	92	47	105	321	422	555	1,271	3,595	10,691	19,095	4
Hispanic	2,295	83	28	10	23	75	111	118	205	331	617	694	-
Male	1,277	49	14	5	14	49	89	86	128	201	343	299	-
Female	1,018	34	14	5	9	26	22	32	77	130	274	395	-
Mexican	1,163	56	19	4	13	20	35	40	111	173	315	377	-
Male	648	34	10	1	8	18	28	25	72	105	183	164	-
Female	515	22	9	3	5	2	7	15	39	68	132	213	-
Puerto Rican	338	6	1	3	4	35	31	36	36	60	70	56	-
Male	181	2	-	1	2	17	23	25	20	36	34	21	-
Female	157	4	1	2	2	18	8	11	16	24	36	35	-
Cuban	204	1	-	1	1	2	8	12	14	21	67	77	-
Male	109	1	-	1	-	2	7	10	8	19	29	32	-
Female	95	-	-	-	1	-	1	2	6	2	38	45	-
Central and South American	106	3	4	-	2	2	12	7	11	13	18	34	-
Male	48	-	2	-	1	1	9	7	4	5	11	8	-
Female	58	3	2	-	1	1	3	-	7	8	7	26	-
Other and unknown Hispanic	484	17	4	2	3	16	25	23	33	64	147	150	-
Male	291	12	2	2	3	11	22	19	24	36	86	74	-
Female	193	5	2	-	-	5	3	4	9	28	61	76	-
Non-Hispanic ¹	65,491	465	172	90	201	700	1,123	1,397	3,209	8,856	20,713	28,556	9
Male	30,435	285	95	48	105	413	730	879	2,027	5,421	10,403	10,024	5
Female	35,056	180	77	42	96	287	393	518	1,182	3,435	10,310	18,532	4
White	58,032	273	93	69	125	404	616	916	2,469	7,565	18,772	26,723	7
Male	28,303	175	51	35	64	254	388	539	1,542	4,586	9,386	9,279	4
Female	31,729	98	42	34	61	150	228	377	927	2,979	9,386	17,444	3
Black	6,444	166	63	20	70	288	481	436	665	1,146	1,626	1,481	2
Male	3,540	96	35	12	38	157	323	310	446	744	818	560	1
Female	2,904	70	28	8	32	131	158	126	219	402	808	921	1
Not stated ²	709	6	2	-	5	22	30	23	42	97	212	266	4
Male	369	4	1	-	5	14	23	18	30	67	105	98	4
Female	340	2	1	-	-	8	7	5	12	30	107	168	-
Influenza (487)	1,513	10	8	13	16	13	30	27	65	160	411	760	-
Male	519	4	2	7	7	4	14	17	33	83	156	192	-
Female	994	6	6	6	9	9	16	10	32	77	255	568	-
Hispanic	44	1	1	1	3	1	2	3	5	5	10	12	-
Male	18	-	-	1	2	-	1	1	2	3	3	5	-
Female	26	1	1	-	1	1	1	2	3	2	7	7	-
Mexican	29	1	-	1	3	1	-	2	3	3	7	8	-
Male	12	-	-	1	2	-	-	1	1	2	2	3	-
Female	17	1	-	-	1	1	-	1	2	1	5	5	-
Puerto Rican	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	2	-	-	-	-	-	1	-	-	-	-	1	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	1	-	-	-	-	1	-
Central and South American	1	-	1	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	1	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	12	-	-	-	-	-	1	1	2	2	3	3	-
Male	6	-	-	-	-	-	1	-	1	1	1	2	-
Female	6	-	-	-	-	-	-	1	1	1	2	1	-
Non-Hispanic ¹	1,458	9	7	11	12	12	28	24	60	155	400	740	-
Male	495	4	2	5	4	4	13	16	31	80	153	183	-
Female	963	5	5	6	8	8	15	8	29	75	247	557	-
White	1,381	8	6	9	12	10	25	19	56	139	385	712	-
Male	462	4	1	4	4	3	12	13	28	70	148	175	-
Female	919	4	5	5	8	7	13	6	28	69	237	537	-
Black	59	1	1	2	-	1	2	5	3	11	12	21	-
Male	25	-	1	1	-	-	1	3	2	9	3	5	-
Female	34	1	-	1	-	1	1	2	1	2	9	16	-
Not stated ²	11	-	-	1	1	-	-	-	-	-	1	8	-
Male	6	-	-	1	1	-	-	-	-	-	-	4	-
Female	5	-	-	-	-	-	-	-	-	-	1	4	-

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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 44 Reporting States and the District of Columbia, 1989—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)	77,128	43	47	107	153	282	577	2,076	9,728	24,765	28,055	11,291	4
Male	44,121	30	23	67	82	148	303	1,029	5,457	14,422	16,505	6,052	3
Female	33,007	13	24	40	71	134	274	1,047	4,271	10,343	11,550	5,239	1
Hispanic	1,662	4	6	9	13	34	40	99	202	408	532	315	-
Male	975	2	3	5	11	17	19	53	113	252	322	178	-
Female	687	2	3	4	2	17	21	46	89	156	210	137	-
Mexican	662	3	4	5	4	8	9	34	79	161	227	128	-
Male	412	1	3	1	3	4	6	21	47	103	142	81	-
Female	250	2	1	4	1	4	3	13	32	58	85	47	-
Puerto Rican	259	-	-	3	5	13	23	28	31	62	61	33	-
Male	136	-	-	3	4	6	10	13	15	37	32	16	-
Female	123	-	-	-	1	7	13	15	16	25	29	17	-
Cuban	203	-	-	-	-	-	-	11	26	52	72	42	-
Male	108	-	-	-	-	-	-	4	17	26	43	18	-
Female	95	-	-	-	-	-	-	7	9	26	29	24	-
Central and South American	73	-	-	1	-	2	2	5	10	19	27	7	-
Male	38	-	-	1	-	-	-	1	6	9	17	4	-
Female	35	-	-	-	-	2	2	4	4	10	10	3	-
Other and unknown Hispanic	465	1	2	-	4	11	6	21	56	114	145	105	-
Male	281	1	-	-	4	7	3	14	28	77	88	59	-
Female	184	-	2	-	-	4	3	7	28	37	57	46	-
Non-Hispanic 1	74,869	39	41	98	135	243	531	1,956	9,444	24,166	27,319	10,894	3
Male	42,780	28	20	62	68	127	279	966	5,297	14,044	16,060	5,827	2
Female	32,089	11	21	36	67	116	252	990	4,147	10,122	11,259	5,067	1
White	69,300	25	26	50	84	134	327	1,589	8,472	22,439	25,801	10,350	3
Male	39,210	19	13	32	36	65	163	767	4,718	12,999	15,012	5,484	2
Female	30,090	6	13	18	48	69	164	822	3,754	9,540	10,789	4,866	1
Black	4,842	11	14	42	48	103	187	333	864	1,516	1,287	437	-
Male	3,080	8	6	26	30	58	106	178	514	1,001	884	269	-
Female	1,762	3	8	16	18	45	81	155	350	515	403	168	-
Not stated 2	597	-	-	-	5	5	6	21	82	191	204	82	1
Male	366	-	-	-	3	4	5	10	47	126	123	47	1
Female	231	-	-	-	2	1	1	11	35	65	81	35	-
Bronchitis, chronic and unspecified (490-491)	3,461	26	22	8	8	17	27	86	372	902	1,169	824	-
Male	1,809	18	14	5	5	11	20	37	199	515	657	328	-
Female	1,652	8	8	3	3	6	7	49	173	387	512	496	-
Hispanic	83	3	5	1	1	2	-	3	6	22	26	14	-
Male	45	2	3	1	-	2	-	1	3	14	14	5	-
Female	38	1	2	-	1	-	-	2	3	8	12	9	-
Mexican	43	2	4	1	1	1	-	3	2	12	14	3	-
Male	26	1	3	1	-	1	-	1	1	9	8	1	-
Female	17	1	1	-	1	-	-	2	1	3	6	2	-
Puerto Rican	6	-	-	-	-	1	-	-	2	3	-	-	-
Male	5	-	-	-	-	1	-	-	2	2	-	-	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-
Cuban	13	-	-	-	-	-	-	-	-	3	6	4	-
Male	4	-	-	-	-	-	-	-	-	1	2	1	-
Female	9	-	-	-	-	-	-	-	-	2	4	3	-
Central and South American	3	-	-	-	-	-	-	-	1	1	1	-	-
Male	1	-	-	-	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	-	-	1	1	-	-	-
Other and unknown Hispanic	18	1	1	-	-	-	-	-	1	3	5	7	-
Male	9	1	-	-	-	-	-	-	1	2	3	3	-
Female	9	-	1	-	-	-	-	-	1	1	2	4	-
Non-Hispanic 1	3,349	23	17	7	7	15	26	83	361	869	1,134	807	-
Male	1,744	16	11	4	5	9	19	36	193	492	638	321	-
Female	1,605	7	6	3	2	6	7	47	168	377	496	486	-
White	3,149	15	13	4	6	13	21	72	331	816	1,084	774	-
Male	1,633	12	9	2	4	9	14	33	179	457	607	307	-
Female	1,516	3	4	2	2	4	7	39	152	359	477	467	-
Black	175	6	4	2	1	2	3	11	27	50	43	26	-
Male	96	4	2	1	1	-	3	3	13	34	24	11	-
Female	79	2	2	1	-	2	-	8	14	16	19	15	-
Not stated 2	29	-	-	-	-	-	1	-	5	11	9	3	-
Male	20	-	-	-	-	-	1	-	3	9	5	2	-
Female	9	-	-	-	-	-	-	-	2	2	4	1	-

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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 44 Reporting States and the District of Columbia, 1989—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)	14,215	7	1	1	3	6	54	371	2,100	5,151	5,063	1,458	-
Male	8,550	3	-	1	2	4	38	218	1,191	3,106	3,102	885	-
Female	5,665	4	1	-	1	2	16	153	909	2,045	1,961	573	-
Hispanic	239	1	-	-	-	-	14	38	70	71	44	-	-
Male	159	-	-	-	-	-	12	26	46	47	28	-	-
Female	80	1	-	-	-	-	2	12	24	24	16	-	-
Mexican	100	1	-	-	-	-	7	16	24	29	23	-	-
Male	71	-	-	-	-	-	6	12	16	21	16	-	-
Female	29	1	-	-	-	-	1	4	8	8	7	-	-
Puerto Rican	23	-	-	-	-	-	2	5	8	5	3	-	-
Male	17	-	-	-	-	-	2	3	7	3	2	-	-
Female	6	-	-	-	-	-	-	2	1	2	1	-	-
Cuban	33	-	-	-	-	-	1	4	14	9	5	-	-
Male	22	-	-	-	-	-	-	4	9	6	3	-	-
Female	11	-	-	-	-	-	1	-	5	3	2	-	-
Central and South American	6	-	-	-	-	-	-	1	4	1	-	-	-
Male	3	-	-	-	-	-	-	-	3	-	-	-	-
Female	3	-	-	-	-	-	-	1	1	1	-	-	-
Other and unknown Hispanic	77	-	-	-	-	1	-	4	12	20	13	-	-
Male	46	-	-	-	-	-	-	4	7	11	7	-	-
Female	31	-	-	-	-	1	-	-	5	9	6	-	-
Non-Hispanic ¹	13,874	6	1	1	3	5	53	354	2,042	5,042	4,963	1,404	-
Male	8,323	3	-	1	2	4	37	203	1,154	3,036	3,034	849	-
Female	5,551	3	1	-	1	1	16	151	888	2,006	1,929	555	-
White	13,117	6	1	-	1	1	40	314	1,902	4,766	4,753	1,333	-
Male	7,774	3	-	-	-	1	26	175	1,063	2,834	2,877	795	-
Female	5,343	3	1	-	1	-	14	139	839	1,932	1,876	538	-
Black	649	-	-	1	2	4	12	38	122	236	177	57	-
Male	468	-	-	1	2	3	10	28	77	173	132	42	-
Female	181	-	-	-	-	1	2	10	45	63	45	15	-
Not stated ²	102	-	-	-	-	-	1	3	20	39	29	10	-
Male	68	-	-	-	-	-	1	3	11	24	21	8	-
Female	34	-	-	-	-	-	-	-	9	15	8	2	-
Asthma (493)	4,438	5	22	91	127	230	316	437	671	1,105	994	439	1
Male	1,672	5	8	56	69	117	132	169	238	425	328	124	1
Female	2,766	-	14	35	58	113	184	268	433	680	666	315	-
Hispanic	262	-	-	7	10	30	33	47	39	49	36	11	-
Male	121	-	-	4	9	15	16	21	12	22	19	3	-
Female	141	-	-	3	1	15	17	26	27	27	17	8	-
Mexican	73	-	-	3	2	7	5	13	12	10	14	7	-
Male	36	-	-	-	2	3	4	8	5	6	7	1	-
Female	37	-	-	3	-	4	1	5	7	4	7	6	-
Puerto Rican	90	-	-	3	4	11	21	19	9	12	9	2	-
Male	38	-	-	3	3	5	9	8	1	4	5	-	-
Female	52	-	-	1	6	6	12	11	8	8	4	2	-
Cuban	28	-	-	-	-	-	-	4	7	9	7	1	-
Male	7	-	-	-	-	-	-	1	1	2	2	1	-
Female	21	-	-	-	-	-	-	3	6	7	5	-	-
Central and South American	16	-	-	1	-	2	2	4	1	4	2	-	-
Male	6	-	-	1	-	-	1	1	1	2	-	-	-
Female	10	-	-	-	-	2	3	-	3	-	-	-	-
Other and unknown Hispanic	55	-	-	-	4	10	5	7	10	14	4	1	-
Male	34	-	-	-	4	7	3	3	4	9	3	1	-
Female	21	-	-	-	-	3	2	4	6	5	1	-	-
Non-Hispanic ¹	4,128	5	22	84	112	195	280	384	623	1,046	951	426	-
Male	1,529	5	8	52	57	98	114	147	222	398	307	121	-
Female	2,599	-	14	32	55	97	166	237	401	648	644	305	-
White	3,172	3	12	43	69	102	156	241	451	857	842	396	-
Male	1,109	3	4	28	29	45	59	87	160	318	266	110	-
Female	2,063	-	8	15	40	57	97	154	291	539	576	286	-
Black	846	2	9	36	40	87	117	129	149	160	94	23	-
Male	368	2	3	21	26	49	52	52	55	65	33	10	-
Female	478	-	6	15	14	38	65	77	94	95	61	13	-
Not stated ²	48	-	-	-	5	5	3	6	9	10	7	2	1
Male	22	-	-	-	3	4	2	1	4	5	2	-	1
Female	26	-	-	-	2	1	1	5	5	5	5	2	-

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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 44 Reporting States and the District of Columbia, 1989—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)	55,014	5	2	7	15	29	180	1,182	6,585	17,607	20,829	8,570	3
Male	32,080	4	1	5	6	16	113	605	3,829	10,376	12,418	4,715	2
Female	22,924	1	1	2	9	13	67	577	2,756	7,231	8,411	3,855	1
Hispanic	1,078	-	1	1	2	1	7	35	119	267	399	246	-
Male	650	-	-	-	2	-	3	19	72	170	242	142	-
Female	428	-	1	1	-	1	4	16	47	97	157	104	-
Mexican	446	-	-	1	1	-	4	11	49	115	170	95	-
Male	279	-	-	-	1	-	2	6	29	72	106	63	-
Female	167	-	-	1	-	-	2	5	20	43	64	32	-
Puerto Rican	140	-	-	-	1	1	2	7	15	39	47	28	-
Male	76	-	-	-	1	-	1	3	9	24	24	14	-
Female	64	-	-	-	-	1	1	4	6	15	23	14	-
Cuban	129	-	-	-	-	-	-	6	15	26	50	32	-
Male	75	-	-	-	-	-	-	3	12	14	33	13	-
Female	54	-	-	-	-	-	-	3	3	12	17	19	-
Central and South American	48	-	-	-	-	-	-	1	7	10	23	7	-
Male	28	-	-	-	-	-	-	-	5	5	14	4	-
Female	20	-	-	-	-	-	-	1	2	5	9	3	-
Other and unknown Hispanic	315	-	1	-	-	-	1	10	33	77	109	84	-
Male	192	-	-	-	-	-	-	7	17	55	65	48	-
Female	123	-	1	-	-	-	1	3	16	22	44	36	-
Non-Hispanic *	53,518	5	1	6	13	28	172	1,135	6,418	17,209	20,271	8,257	3
Male	31,184	4	1	5	4	16	109	580	3,728	10,118	12,081	4,536	2
Female	22,334	1	-	1	9	12	63	555	2,690	7,091	8,190	3,721	1
White	49,862	1	-	3	8	18	110	962	5,768	16,000	19,122	7,847	3
Male	28,694	1	-	2	3	10	64	472	3,316	9,290	11,262	4,272	2
Female	21,168	-	-	1	5	8	46	490	2,472	6,710	7,860	3,575	1
Black	3,172	3	1	3	5	10	55	155	566	1,070	973	331	-
Male	2,148	2	1	3	1	6	41	95	369	729	695	206	-
Female	1,024	1	-	-	4	4	14	60	197	341	278	125	-
Not stated *	418	-	-	-	-	-	-	12	48	131	159	67	-
Male	256	-	-	-	-	-	-	6	29	88	95	37	-
Female	162	-	-	-	-	-	-	6	19	43	64	30	-
Ulcer of stomach and duodenum (531-533)													
Ulcer of stomach and duodenum (531-533)	5,998	12	3	3	11	34	141	247	585	1,277	2,011	1,693	1
Male	2,929	7	2	1	8	25	105	155	345	756	973	551	1
Female	3,069	5	1	2	3	9	36	92	220	521	1,038	1,142	-
Hispanic	179	1	-	2	1	-	11	15	43	30	41	35	-
Male	120	1	-	1	1	-	9	11	31	21	26	19	-
Female	59	-	-	1	-	-	2	4	12	9	15	16	-
Mexican	83	1	-	1	-	-	6	6	18	13	17	21	-
Male	56	1	-	1	-	-	5	5	13	9	13	9	-
Female	27	-	-	-	-	-	1	1	5	4	4	12	-
Puerto Rican	29	-	-	-	1	-	3	3	9	6	3	4	-
Male	20	-	-	-	1	-	2	2	8	4	1	2	-
Female	9	-	-	-	-	-	1	1	1	2	2	2	-
Cuban	10	-	-	-	-	-	-	-	-	4	4	2	-
Male	9	-	-	-	-	-	-	-	-	4	3	2	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Central and South American	8	-	-	1	-	-	-	1	3	2	1	-	-
Male	6	-	-	-	-	-	-	1	2	2	1	-	-
Female	2	-	-	1	-	-	-	-	1	-	-	-	-
Other and unknown Hispanic	49	-	-	-	-	-	2	5	13	5	16	8	-
Male	29	-	-	-	-	-	2	3	8	2	8	6	-
Female	20	-	-	-	-	-	-	2	5	3	8	2	-
Non-Hispanic *	5,760	11	3	1	10	32	127	227	512	1,238	1,954	1,644	1
Male	2,775	6	2	-	7	23	94	139	306	728	941	528	1
Female	2,985	5	1	1	3	9	33	88	206	510	1,013	1,116	-
White	5,060	5	1	-	5	19	78	171	413	1,061	1,771	1,535	1
Male	2,377	3	1	-	3	14	57	100	244	618	850	486	1
Female	2,683	2	-	-	2	5	21	71	169	443	921	1,049	-
Black	581	6	1	1	5	13	42	53	78	150	154	78	-
Male	320	3	1	-	4	9	32	38	52	85	71	25	-
Female	261	3	-	1	1	4	10	15	26	65	83	53	-
Not stated *	59	-	-	-	-	2	3	5	10	9	16	14	-
Male	34	-	-	-	-	2	2	5	8	7	6	4	-
Female	25	-	-	-	-	-	1	-	2	2	10	10	-

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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 44 Reporting States and the District of Columbia, 1989—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
Appendicitis (540-543)	407	1	-	15	15	16	13	31	52	98	102	64	-
Male	212	1	-	11	8	14	8	18	27	52	55	18	-
Female	195	-	-	4	7	2	5	13	25	46	47	46	-
Hispanic	22	-	-	3	2	1	2	1	2	6	2	3	-
Male	8	-	-	2	1	1	1	-	-	1	1	1	-
Female	14	-	-	1	1	-	1	1	2	5	1	2	-
Mexican	15	-	-	2	2	1	2	-	2	4	-	2	-
Male	6	-	-	1	1	1	1	-	-	1	-	1	-
Female	9	-	-	1	1	-	1	-	2	3	-	1	-
Puerto Rican	2	-	-	-	-	-	-	-	-	1	1	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	-	-	-	1	1	-	-
Cuban	1	-	-	-	-	-	-	-	-	-	-	1	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	1	-
Central and South American	1	-	-	-	-	-	-	1	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	1	-	-	-	-	-
Other and unknown Hispanic	3	-	-	1	-	-	-	-	-	1	1	-	-
Male	2	-	-	1	-	-	-	-	-	-	1	-	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-
Non-Hispanic ¹	382	1	-	12	13	15	11	30	49	91	100	60	-
Male	203	1	-	9	7	13	7	18	27	50	54	17	-
Female	179	-	-	3	6	2	4	12	22	41	46	43	-
White	297	1	-	5	8	10	7	21	30	77	89	49	-
Male	158	1	-	4	4	9	4	14	17	43	49	13	-
Female	139	-	-	1	4	1	3	7	13	34	40	36	-
Black	77	-	-	6	4	4	4	9	19	11	10	10	-
Male	40	-	-	4	2	4	3	4	10	5	5	3	-
Female	37	-	-	2	2	-	1	5	9	6	5	7	-
Not stated ²	3	-	-	-	-	-	-	-	1	1	-	1	-
Male	1	-	-	-	-	-	-	-	-	1	-	-	-
Female	2	-	-	-	-	-	-	-	1	-	-	1	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5,021	74	24	22	13	52	82	112	329	814	1,684	1,815	-
Male	1,862	48	15	15	10	28	39	44	170	366	670	457	-
Female	3,159	26	9	7	3	24	43	68	159	448	1,014	1,358	-
Hispanic	159	9	1	-	1	5	6	10	11	26	57	33	-
Male	72	5	-	-	1	3	4	6	3	12	24	14	-
Female	87	4	1	-	-	2	2	4	8	14	33	19	-
Mexican	91	8	1	-	1	1	3	5	5	20	31	16	-
Male	44	5	-	-	1	-	2	2	2	10	16	6	-
Female	47	3	1	-	-	1	1	3	3	10	15	10	-
Puerto Rican	18	-	-	-	-	2	3	4	2	3	3	1	-
Male	11	-	-	-	-	2	2	3	1	2	1	-	-
Female	7	-	-	-	-	-	1	1	1	1	2	1	-
Cuban	11	-	-	-	-	-	-	-	-	1	7	3	-
Male	2	-	-	-	-	-	-	-	-	-	1	1	-
Female	9	-	-	-	-	-	-	-	-	1	6	2	-
Central and South American	9	-	-	-	-	-	-	-	2	-	5	2	-
Male	1	-	-	-	-	-	-	-	-	-	1	-	-
Female	8	-	-	-	-	-	-	-	2	-	4	2	-
Other and unknown Hispanic	30	1	-	-	-	2	-	1	2	2	11	11	-
Male	14	-	-	-	-	1	-	1	-	-	5	7	-
Female	16	1	-	-	-	1	-	-	2	2	6	4	-
Non-Hispanic ¹	4,815	65	23	20	12	46	76	101	315	779	1,612	1,766	-
Male	1,769	43	15	13	9	25	35	37	165	351	637	439	-
Female	3,046	22	8	7	3	21	41	64	150	428	975	1,327	-
White	4,189	43	16	13	8	25	52	72	252	652	1,421	1,635	-
Male	1,491	27	11	10	5	15	24	28	126	286	555	404	-
Female	2,698	16	5	3	3	10	28	44	126	366	866	1,231	-
Black	574	18	5	5	3	21	20	27	58	121	179	117	-
Male	259	14	3	2	3	10	10	9	36	62	78	32	-
Female	315	4	2	3	-	11	10	18	22	59	101	85	-
Not stated ²	47	-	-	2	-	1	-	1	3	9	15	16	-
Male	21	-	-	2	-	-	-	1	2	3	9	4	-
Female	26	-	-	-	-	1	-	-	1	6	6	12	-

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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 44 Reporting States and the District of Columbia, 1989—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)	24,502	15	6	5	49	887	3,337	4,320	6,199	5,929	3,079	667	9
Male	15,872	10	3	4	24	604	2,522	3,092	4,135	3,602	1,579	289	8
Female	8,630	5	3	1	25	283	815	1,228	2,064	2,327	1,500	378	1
Hispanic	2,288	2	-	1	13	137	426	528	559	399	175	45	3
Male	1,682	1	-	1	7	118	371	432	394	239	91	25	3
Female	606	1	-	-	6	19	55	96	165	160	84	20	-
Mexican	1,246	2	-	-	5	76	213	290	325	217	86	31	1
Male	941	1	-	-	2	67	194	235	235	134	54	18	1
Female	305	1	-	-	3	9	19	55	90	83	32	13	-
Puerto Rican	322	-	-	1	2	26	90	70	72	44	15	2	-
Male	247	-	-	1	1	21	81	56	52	29	6	-	-
Female	75	-	-	-	1	5	9	14	20	15	9	2	-
Cuban	141	-	-	-	-	2	5	16	30	46	37	5	-
Male	70	-	-	-	-	2	5	14	12	21	13	3	-
Female	71	-	-	-	-	-	-	2	18	25	24	2	-
Central and South American	125	-	-	-	1	6	26	34	26	19	10	2	1
Male	88	-	-	-	1	6	19	27	19	10	3	2	1
Female	37	-	-	-	-	-	7	7	7	9	7	-	-
Other and unknown Hispanic	454	-	-	-	5	27	92	118	106	73	27	5	1
Male	336	-	-	-	3	22	72	100	76	45	15	2	1
Female	118	-	-	-	2	5	20	18	30	28	12	3	-
Non-Hispanic †	21,946	13	6	4	35	735	2,858	3,730	5,574	5,485	2,888	615	3
Male	13,987	9	3	3	16	472	2,104	2,612	3,686	3,337	1,478	264	3
Female	7,959	4	3	1	19	263	754	1,118	1,888	2,148	1,410	351	-
White	18,074	7	3	2	18	457	1,924	2,830	4,654	4,908	2,697	573	1
Male	11,511	6	1	2	7	305	1,452	2,012	3,107	3,001	1,377	240	1
Female	6,563	1	2	-	11	152	472	818	1,547	1,907	1,320	333	-
Black	3,306	5	3	2	14	229	817	770	796	489	149	31	1
Male	2,140	3	2	1	7	141	578	524	504	289	76	14	1
Female	1,166	2	1	1	7	88	239	246	292	200	73	17	-
Not stated ‡	268	-	-	-	1	15	53	62	66	45	16	7	3
Male	203	-	-	-	1	14	47	48	55	26	10	-	2
Female	65	-	-	-	-	1	6	14	11	19	6	7	1
Cholelithiasis and other disorders of gallbladder (574-575)	2,802	3	2	-	4	18	43	81	211	547	947	946	-
Male	1,222	3	2	-	4	11	19	34	113	307	437	296	-
Female	1,580	-	-	-	4	7	24	47	98	240	510	650	-
Hispanic	137	1	-	-	2	-	8	8	14	32	33	39	-
Male	74	1	-	-	-	-	4	2	8	19	20	20	-
Female	63	-	-	-	2	-	4	6	6	13	13	19	-
Mexican	84	1	-	-	2	-	4	5	12	20	17	23	-
Male	46	1	-	-	-	-	1	2	7	10	12	13	-
Female	38	-	-	-	2	-	3	3	5	10	5	10	-
Puerto Rican	12	-	-	-	-	-	1	-	1	4	2	4	-
Male	5	-	-	-	-	-	1	-	-	3	1	-	-
Female	7	-	-	-	-	-	-	-	1	1	1	4	-
Cuban	15	-	-	-	-	-	-	-	-	1	7	7	-
Male	9	-	-	-	-	-	-	-	-	1	4	4	-
Female	6	-	-	-	-	-	-	-	-	-	3	3	-
Central and South American	5	-	-	-	-	-	-	2	1	2	-	-	-
Male	2	-	-	-	-	-	-	-	1	1	-	-	-
Female	3	-	-	-	-	-	-	2	-	1	-	-	-
Other and unknown Hispanic	21	-	-	-	-	-	3	1	-	5	7	5	-
Male	12	-	-	-	-	-	2	-	-	4	3	3	-
Female	9	-	-	-	-	-	1	1	-	1	4	2	-
Non-Hispanic †	2,646	2	1	-	2	17	35	73	194	512	907	903	-
Male	1,137	-	1	-	2	10	15	32	103	287	412	275	-
Female	1,509	-	-	-	2	7	20	41	91	225	495	628	-
White	2,384	1	1	-	1	12	20	54	159	458	837	841	-
Male	1,031	1	1	-	-	7	8	26	87	260	398	253	-
Female	1,353	-	-	-	1	5	12	28	72	198	449	588	-
Black	209	1	-	-	1	5	12	15	31	43	55	46	-
Male	83	1	-	-	-	3	7	5	15	19	19	14	-
Female	126	-	-	-	1	2	5	10	16	24	36	32	-
Not stated ‡	19	-	1	-	-	1	-	-	3	3	7	4	-
Male	11	-	1	-	-	-	-	-	2	1	5	1	-
Female	8	-	-	-	-	-	-	-	1	2	2	3	-

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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 44 Reporting States and the District of Columbia, 1989—Con.

(Page 33 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
Nephritis, nephrotic syndrome, and nephrosis (580-589)	18,873	182	13	19	57	228	413	627	1,643	3,930	6,410	5,348	3
Male	9,239	106	8	9	28	149	288	370	929	2,089	3,137	2,124	3
Female	9,634	76	5	10	29	79	125	257	714	1,842	3,273	3,224	-
Hispanic	790	22	3	-	6	19	33	49	109	173	217	159	-
Male	411	11	3	-	4	15	24	31	64	84	95	80	-
Female	379	11	-	-	2	4	9	18	45	89	122	79	-
Mexican	412	13	2	-	2	10	11	19	61	97	111	86	-
Male	207	8	2	-	1	8	7	11	31	45	47	47	-
Female	205	5	-	-	1	2	4	8	30	52	64	39	-
Puerto Rican	103	1	-	-	2	8	12	12	22	13	24	9	-
Male	59	-	-	-	1	7	8	10	18	5	6	4	-
Female	44	1	-	-	1	1	4	2	4	8	18	5	-
Cuban	92	1	-	-	1	1	1	1	9	18	32	31	-
Male	40	-	-	-	-	-	-	-	5	9	13	12	-
Female	52	1	-	-	-	1	-	-	4	9	19	19	-
Central and South American	30	1	-	-	-	-	2	3	7	8	8	1	-
Male	16	-	-	-	-	-	2	1	3	5	3	1	-
Female	14	-	-	-	-	-	-	2	4	3	5	-	-
Other and unknown Hispanic	153	7	1	-	2	-	7	15	10	37	42	32	-
Male	89	2	1	-	2	-	6	9	7	20	26	16	-
Female	64	5	-	-	-	-	1	6	3	17	16	16	-
Non-Hispanic 1	17,876	153	10	19	51	207	371	565	1,515	3,719	6,120	5,144	2
Male	8,727	92	5	9	24	132	257	334	855	1,983	3,004	2,030	2
Female	9,149	61	5	10	27	75	114	231	660	1,736	3,116	3,114	-
White	14,142	95	6	10	29	103	180	326	982	2,822	5,070	4,519	-
Male	6,867	59	3	5	12	67	121	187	587	1,535	2,510	1,781	-
Female	7,275	36	3	5	17	36	59	139	395	1,287	2,560	2,738	-
Black	3,431	55	3	6	20	99	183	226	492	826	955	564	2
Male	1,702	32	1	2	11	63	132	141	248	410	442	218	2
Female	1,729	23	2	4	9	36	51	85	244	416	513	346	-
Not stated 2	207	7	-	-	-	2	9	13	19	38	73	45	1
Male	101	3	-	-	-	2	7	5	10	21	38	14	1
Female	106	4	-	-	-	-	2	8	9	17	35	31	-
Acute glomerulonephritis and nephrotic syndrome (580-581)	282	7	3	3	3	7	14	9	29	62	101	44	-
Male	146	2	-	3	3	4	11	6	21	36	45	15	-
Female	136	5	3	-	-	3	3	3	8	26	56	29	-
Hispanic	12	1	-	-	1	-	2	2	1	-	5	-	-
Male	7	-	-	-	1	-	2	2	1	-	1	-	-
Female	5	1	-	-	-	-	-	-	-	-	4	-	-
Mexican	3	1	-	-	-	-	-	1	-	-	1	-	-
Male	1	-	-	-	-	-	-	1	-	-	-	-	-
Female	2	1	-	-	-	-	-	-	-	-	1	-	-
Puerto Rican	2	-	-	-	1	-	-	-	1	-	-	-	-
Male	2	-	-	-	1	-	-	-	1	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	3	-	-	-	-	-	1	-	-	-	2	-	-
Male	1	-	-	-	-	-	1	-	-	-	-	-	-
Female	2	-	-	-	-	-	-	-	-	-	2	-	-
Central and South American	1	-	-	-	-	-	-	-	-	-	1	-	-
Male	1	-	-	-	-	-	-	-	-	-	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	3	-	-	-	-	-	1	1	-	-	1	-	-
Male	2	-	-	-	-	-	1	1	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
Non-Hispanic 1	265	5	3	3	2	7	11	7	28	61	94	44	-
Male	136	2	-	3	2	4	8	4	20	35	43	15	-
Female	129	3	3	-	-	3	3	3	8	26	51	29	-
White	206	4	3	1	-	2	4	3	23	48	80	38	-
Male	106	2	-	1	-	-	3	1	17	28	40	14	-
Female	100	2	3	-	-	2	1	2	6	20	40	24	-
Black	56	1	-	1	2	4	6	4	5	13	14	6	-
Male	29	-	-	1	2	4	5	3	3	7	3	1	-
Female	27	1	-	-	-	-	1	1	2	6	11	5	-
Not stated 2	5	1	-	-	-	-	1	-	-	1	2	-	-
Male	3	-	-	-	-	-	1	-	-	1	1	-	-
Female	2	1	-	-	-	-	-	-	-	-	1	-	-

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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 44 Reporting States and the District of Columbia, 1989—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)	1,383	4	3	4	12	31	50	56	134	283	435	371	-
Male	660	3	2	3	6	19	35	35	78	195	198	146	-
Female	723	1	1	1	6	12	15	21	56	148	237	225	-
Hispanic	63	1	1	-	2	3	6	4	5	11	18	12	-
Male	35	1	1	-	1	3	4	1	3	6	9	6	-
Female	28	-	-	-	1	-	2	3	2	5	9	6	-
Mexican	36	1	1	-	1	1	2	3	3	6	9	9	-
Male	20	1	1	-	1	1	1	1	2	4	4	5	-
Female	16	-	-	-	-	-	1	2	1	2	5	4	-
Puerto Rican	6	-	-	-	-	-	-	-	-	-	-	-	-
Male	4	-	-	-	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	-	-	-	-	-	-	-
Cuban	6	-	-	-	-	-	-	-	-	-	-	-	-
Male	3	-	-	-	-	-	-	-	-	-	-	-	-
Female	3	-	-	-	-	-	-	-	-	-	-	-	-
Central and South American	4	-	-	-	-	-	-	-	-	-	-	-	-
Male	4	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	11	-	-	-	1	-	1	1	-	3	4	1	-
Male	4	-	-	-	1	-	-	-	-	1	1	1	-
Female	7	-	-	-	-	-	1	1	-	2	3	-	-
Non-Hispanic 1	1,307	2	2	4	10	28	44	50	129	270	411	357	-
Male	617	2	1	3	5	16	31	32	75	128	184	140	-
Female	690	-	1	1	5	12	13	18	54	142	227	217	-
White	1,044	2	-	3	8	16	27	29	101	211	341	306	-
Male	504	2	-	2	4	12	17	18	59	110	159	121	-
Female	540	-	-	1	4	4	10	11	42	101	182	185	-
Black	244	-	1	-	2	11	17	21	26	54	64	48	-
Male	107	-	-	-	1	4	14	14	16	17	23	18	-
Female	137	-	1	-	1	7	3	7	10	37	41	30	-
Not stated 2	13	1	-	-	-	-	-	2	-	2	6	2	-
Male	8	-	-	-	-	-	-	2	-	1	5	-	-
Female	5	1	-	-	-	-	-	-	-	1	1	2	-
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)													
	17,208	171	7	12	42	190	349	562	1,480	3,585	5,874	4,933	3
Male	8,433	101	6	3	19	126	242	329	830	1,917	2,894	1,963	3
Female	8,775	70	1	9	23	64	107	233	650	1,668	2,980	2,970	-
Hispanic	715	20	2	-	3	16	25	43	103	162	194	147	-
Male	369	10	2	-	2	12	18	28	60	78	85	74	-
Female	346	10	-	-	1	4	7	15	43	84	109	73	-
Mexican	373	11	1	-	1	9	9	15	58	91	101	77	-
Male	186	7	1	-	1	7	6	9	29	41	43	42	-
Female	187	4	-	-	-	2	3	6	29	50	58	35	-
Puerto Rican	95	1	-	-	1	6	11	12	21	12	23	8	-
Male	53	-	-	-	-	5	7	10	17	5	5	4	-
Female	42	1	-	-	1	1	4	2	4	7	18	4	-
Cuban	83	-	-	-	-	1	-	-	8	17	27	30	-
Male	36	-	-	-	-	-	-	-	5	8	11	12	-
Female	47	-	-	-	-	1	-	-	3	9	16	18	-
Central and South American	25	1	-	-	-	-	-	3	6	8	6	1	-
Male	11	1	-	-	-	-	-	1	2	5	1	1	-
Female	14	-	-	-	-	-	-	2	4	3	5	-	-
Other and unknown Hispanic	139	7	1	-	1	-	5	13	10	34	37	31	-
Male	83	2	1	-	1	-	5	8	7	19	25	15	-
Female	56	5	-	-	-	-	-	5	3	15	12	16	-
Non-Hispanic 1	16,304	146	5	12	39	172	316	508	1,358	3,388	5,615	4,743	2
Male	7,974	88	4	3	17	112	218	298	760	1,820	2,777	1,875	2
Female	8,330	58	1	9	22	60	98	210	598	1,568	2,838	2,868	-
White	12,892	89	3	6	21	85	149	294	858	2,563	4,649	4,175	-
Male	6,257	55	3	2	8	55	101	168	511	1,397	2,311	1,646	-
Female	6,635	34	-	4	13	30	48	126	347	1,166	2,338	2,529	-
Black	3,131	54	2	5	16	84	160	201	461	759	877	510	2
Male	1,566	32	1	1	8	55	113	124	229	386	416	199	2
Female	1,565	22	1	4	8	29	47	77	232	373	461	311	-
Not stated 2	189	5	-	-	-	2	8	11	19	35	65	43	1
Male	90	3	-	-	-	2	6	3	10	19	32	14	1
Female	99	2	-	-	-	-	2	8	9	16	33	29	-

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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 44 Reporting States and the District of Columbia, 1989—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)	283	...	...	-	89	145	47	2	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	283	...	...	-	89	145	47	2	...	...	...	...	-
Hispanic	48	...	...	-	11	29	8	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	48	...	...	-	11	29	8	-	...	...	...	...	-
Mexican	22	...	...	-	6	11	5	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	22	...	...	-	6	11	5	-	...	...	...	...	-
Puerto Rican	5	...	...	-	1	4	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	5	...	...	-	1	4	-	-	...	...	...	...	-
Cuban	1	...	...	-	-	1	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	1	...	...	-	-	1	-	-	...	...	...	...	-
Central and South American	9	...	...	-	1	6	2	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	9	...	...	-	1	6	2	-	...	...	...	...	-
Other and unknown Hispanic	11	...	...	-	3	7	1	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	11	...	...	-	3	7	1	-	...	...	...	...	-
Non-Hispanic †	232	...	...	-	76	115	39	2	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	232	...	...	-	76	115	39	2	...	...	...	...	-
White	117	...	...	-	41	57	19	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	117	...	...	-	41	57	19	-	...	...	...	...	-
Black	100	...	...	-	34	47	17	2	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	100	...	...	-	34	47	17	2	...	...	...	...	-
Not stated ‡	3	...	...	-	2	1	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	3	...	...	-	2	1	-	-	...	...	...	...	-
Pregnancy with abortive outcome (630-638)	43	...	...	-	17	20	6	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	43	...	...	-	17	20	6	-	...	...	...	...	-
Hispanic	3	...	...	-	-	3	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	3	...	...	-	-	3	-	-	...	...	...	...	-
Mexican	2	...	...	-	-	2	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	2	...	...	-	-	2	-	-	...	...	...	...	-
Puerto Rican	...	...	...	...	...	...	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuban	...	...	...	...	...	...	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Central and South American	...	...	...	...	...	...	...	...	...	...	...	...	...
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	...	...	...	...	...	...	...	...	...	...	...	...	...
Other and unknown Hispanic	1	...	...	-	-	1	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	1	...	...	-	-	1	-	-	...	...	...	...	-
Non-Hispanic †	39	...	...	-	16	17	6	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	39	...	...	-	16	17	6	-	...	...	...	...	-
White	14	...	...	-	6	8	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	14	-	6	8	-	-	-
Black	23	-	10	7	6	-	-
Male
Female	23	-	10	7	6	-	-
Not stated ‡	1	-	1	-	-	-	-
Male
Female	1	-	1	-	-	-	-

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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 44 Reporting States and the District of Columbia, 1989-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)	240	...	...	-	72	125	41	2	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	240	...	...	-	72	125	41	2	...	...	...	...	-
Hispanic	45	...	...	-	11	26	8	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	45	...	...	-	11	26	8	-	...	...	...	...	-
Mexican	20	...	...	-	6	9	5	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	20	...	...	-	6	9	5	-	...	...	...	...	-
Puerto Rican	5	...	...	-	1	4	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	5	...	...	-	1	4	-	-	...	...	...	...	-
Cuban	1	...	...	-	-	1	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	1	...	...	-	-	1	-	-	...	...	...	...	-
Central and South American	9	...	...	-	1	6	2	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	9	...	...	-	1	6	2	-	...	...	...	...	-
Other and unknown Hispanic	10	...	...	-	3	6	1	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	10	...	...	-	3	6	1	-	...	...	...	...	-
Non-Hispanic †	193	...	...	-	60	98	33	2	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	193	...	...	-	60	98	33	2	...	...	...	...	-
White	103	...	...	-	35	49	19	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	103	...	...	-	35	49	19	-	...	...	...	...	-
Black	77	...	...	-	24	40	11	2	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	77	...	...	-	24	40	11	2	...	...	...	...	-
Not stated ‡	2	...	...	-	1	1	-	-	...	...	...	...	-
Male	...	...	...	...	...	...	...	...	...	...	...	...	-
Female	2	...	...	-	1	1	-	-	...	...	...	...	-
Congenital Anomalies (740-759)													
Other congenital anomalies (740-759)	11,739	7,417	846	434	434	438	359	356	385	467	401	196	6
Male	6,166	3,994	394	231	258	248	187	168	207	216	178	81	4
Female	5,573	3,423	452	203	176	190	172	188	178	251	223	115	2
Hispanic	1,346	1,045	115	53	24	33	21	15	15	16	3	5	1
Male	715	572	51	28	12	20	7	9	9	5	1	-	1
Female	631	473	64	25	12	13	14	6	6	11	2	5	-
Mexican	814	655	67	32	13	15	9	5	5	7	1	4	1
Male	429	362	26	17	5	7	4	2	3	2	-	-	1
Female	385	293	41	15	8	8	5	3	2	5	1	4	-
Puerto Rican	110	78	8	6	6	3	4	-	3	2	-	-	-
Male	57	41	6	2	3	2	1	-	2	-	-	-	-
Female	53	37	2	4	3	1	3	-	1	2	-	-	-
Cuban	37	20	1	1	3	1	1	3	3	3	-	1	-
Male	21	10	1	-	3	1	-	3	2	1	-	-	-
Female	16	10	-	-	-	1	1	1	1	2	-	1	-
Central and South American	125	96	12	6	-	5	2	1	1	1	1	-	-
Male	61	47	5	4	-	3	-	1	-	1	-	-	-
Female	64	49	7	2	-	2	2	1	-	1	-	-	-
Other and unknown Hispanic	260	196	27	8	2	9	5	6	3	3	1	-	-
Male	147	112	13	5	1	7	2	4	1	2	-	-	-
Female	113	84	14	3	1	2	3	2	2	1	1	-	-
Non-Hispanic †	10,206	6,219	725	378	404	403	335	335	369	450	395	190	3
Male	5,356	3,342	340	203	243	227	179	158	198	211	174	80	1
Female	4,850	2,877	385	175	161	176	156	177	171	239	221	110	2
White	7,999	4,682	539	288	317	328	282	288	322	410	362	180	1
Male	4,204	2,542	254	156	183	185	148	140	171	193	157	74	1
Female	3,795	2,140	285	132	134	143	134	148	151	217	205	106	-
Black	1,825	1,259	160	69	72	67	48	40	37	36	27	8	2
Male	951	655	72	38	49	37	27	17	21	16	14	5	-
Female	874	604	88	31	23	30	21	23	16	20	13	3	2
Not stated ‡	187	153	6	3	6	2	3	6	1	1	3	1	2
Male	95	80	3	-	3	1	1	1	-	-	3	1	2
Female	92	73	3	3	3	1	2	5	1	1	-	-	-

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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 44 Reporting States and the District of Columbia, 1989—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)	12,606	12,482	94	13	3	2	3	2	1	1	1	-	4
Male	6,892	6,809	63	9	2	2	2	1	1	-	1	-	2
Female	5,714	5,673	31	4	1	-	1	1	-	1	-	-	2
Hispanic	1,449	1,437	10	1	-	-	-	-	-	-	-	-	1
Male	764	756	7	1	-	-	-	-	-	-	-	-	-
Female	685	681	3	-	-	-	-	-	-	-	-	-	1
Mexican	790	782	6	1	-	-	-	-	-	-	-	-	1
Male	425	419	5	1	-	-	-	-	-	-	-	-	-
Female	365	363	1	-	-	-	-	-	-	-	-	-	1
Puerto Rican	177	175	2	1	-	-	-	-	-	-	-	-	-
Male	80	79	1	-	-	-	-	-	-	-	-	-	-
Female	97	96	1	-	-	-	-	-	-	-	-	-	-
Cuban	30	30	-	-	-	-	-	-	-	-	-	-	-
Male	12	12	-	-	-	-	-	-	-	-	-	-	-
Female	18	18	-	-	-	-	-	-	-	-	-	-	-
Central and South American	92	90	2	-	-	-	-	-	-	-	-	-	-
Male	39	38	1	-	-	-	-	-	-	-	-	-	-
Female	53	52	1	-	-	-	-	-	-	-	-	-	-
Other and unknown Hispanic	360	360	-	-	-	-	-	-	-	-	-	-	-
Male	208	208	-	-	-	-	-	-	-	-	-	-	-
Female	152	152	-	-	-	-	-	-	-	-	-	-	-
Non-Hispanic †	10,655	10,545	83	12	3	1	3	2	1	1	1	-	3
Male	5,854	5,781	55	8	2	1	2	1	1	-	1	-	2
Female	4,801	4,764	28	4	1	-	1	1	-	1	-	-	1
White	5,874	5,809	48	7	2	-	3	2	1	1	-	-	1
Male	3,287	3,241	34	5	2	-	2	1	1	-	-	-	-
Female	2,587	2,568	14	2	1	-	1	1	-	1	-	-	1
Black	4,473	4,431	33	4	1	1	-	-	-	-	-	-	2
Male	2,405	2,380	20	2	1	1	-	-	-	-	-	-	1
Female	2,068	2,051	13	2	1	-	-	-	-	-	-	-	1
Not stated ‡	502	500	1	-	-	1	-	-	-	-	-	-	-
Male	274	272	1	-	-	1	-	-	-	-	-	-	-
Female	228	228	-	-	-	-	-	-	-	-	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	24,924	6,097	280	167	648	1,743	2,009	1,417	1,886	2,934	3,622	4,055	86
Male	14,043	3,714	139	92	437	1,235	1,449	973	1,172	1,785	1,743	1,244	60
Female	10,881	2,383	121	75	211	508	560	444	714	1,149	1,879	2,811	26
Hispanic	2,008	636	30	24	119	280	247	119	131	118	189	132	3
Male	1,319	383	15	12	91	219	194	100	84	68	89	61	3
Female	689	253	15	12	28	61	53	19	47	50	80	71	-
Mexican	1,007	362	11	11	47	79	63	51	72	81	134	95	1
Male	627	223	5	7	36	64	45	42	43	46	71	44	1
Female	380	139	6	4	11	15	18	9	29	35	63	51	-
Puerto Rican	408	84	9	6	36	96	108	34	18	8	7	2	-
Male	291	54	4	2	27	74	87	29	9	4	1	2	-
Female	117	30	5	4	9	22	21	5	9	4	6	2	-
Cuban	48	9	-	-	1	5	4	4	11	5	2	7	-
Male	28	2	-	-	5	3	3	3	8	3	1	3	-
Female	20	7	-	-	1	1	1	1	3	2	1	4	-
Central and South American	106	36	1	-	11	30	14	4	2	6	2	2	-
Male	76	21	-	-	10	26	11	3	-	4	1	-	-
Female	30	15	1	-	1	4	3	1	2	2	1	-	-
Other and unknown Hispanic	439	145	9	7	24	70	58	26	28	18	24	28	2
Male	297	83	6	3	18	50	48	23	24	11	15	14	2
Female	142	62	3	4	6	20	10	3	4	7	9	14	-
Non-Hispanic †	22,394	5,370	227	140	509	1,393	1,676	1,250	1,713	2,774	3,424	3,894	24
Male	12,366	3,276	123	79	330	967	1,185	829	1,054	1,689	1,841	1,174	19
Female	10,028	2,094	104	61	179	426	491	421	659	1,085	1,783	2,720	5
White	16,887	3,374	133	81	336	871	1,071	901	1,322	2,341	2,949	3,491	17
Male	9,088	2,108	75	42	229	611	751	589	803	1,445	1,400	1,023	12
Female	7,799	1,266	58	39	107	260	320	312	519	896	1,549	2,468	5
Black	5,031	1,757	81	52	154	475	568	322	369	412	455	380	6
Male	2,980	1,014	42	31	94	321	410	223	236	235	227	141	6
Female	2,051	743	39	21	60	154	158	99	133	177	228	239	-
Not stated ‡	522	91	3	3	20	70	86	48	42	42	29	29	59
Male	358	55	1	1	16	49	70	44	34	28	13	9	38
Female	164	36	2	2	4	21	16	4	8	14	16	20	21

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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 44 Reporting States and the District of Columbia, 1989—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)	155,299	1,486	811	971	1,739	3,790	6,270	7,674	14,365	29,122	46,637	42,417	17
Male	71,679	846	447	516	1,030	2,351	4,017	4,655	8,356	15,738	21,051	12,861	11
Female	83,420	640	364	455	709	1,439	2,253	3,019	6,009	13,384	25,586	29,556	6
Hispanic	5,993	206	135	90	176	451	584	538	733	899	1,229	951	1
Male	3,293	114	81	47	115	319	434	371	440	461	556	354	1
Female	2,700	92	54	43	61	132	150	167	293	438	673	597	-
Mexican	2,882	126	82	45	101	194	239	237	376	443	609	490	-
Male	1,578	64	52	23	70	139	170	163	221	227	285	164	-
Female	1,304	62	30	22	31	55	69	74	155	216	324	266	-
Puerto Rican	870	19	21	14	28	88	141	115	134	113	127	69	1
Male	511	13	11	8	15	55	106	81	82	60	54	25	1
Female	359	6	10	6	13	33	35	34	52	53	73	44	-
Cuban	606	1	1	3	2	10	22	30	51	109	210	167	-
Male	272	1	-	3	1	7	18	18	32	55	85	52	-
Female	334	-	1	-	1	3	4	12	19	54	125	115	-
Central and South American	326	19	6	5	17	38	45	30	39	47	39	41	-
Male	183	13	4	1	14	28	32	20	21	17	12	-	-
Female	143	6	2	4	3	10	13	10	18	26	22	29	-
Other and unknown Hispanic	1,309	41	25	23	28	121	137	126	133	187	244	244	-
Male	749	23	14	12	15	90	108	89	84	98	115	101	-
Female	560	18	11	11	13	31	29	37	49	89	129	143	-
Non-Hispanic †	147,714	1,254	669	873	1,539	3,258	5,576	7,001	13,465	27,940	45,017	41,108	14
Male	67,767	721	361	465	900	1,983	3,507	4,195	7,796	15,123	20,313	12,394	9
Female	79,947	533	308	408	639	1,275	2,069	2,806	5,669	12,817	24,704	28,714	5
White	127,005	795	481	667	1,138	2,105	3,557	4,877	10,705	24,178	40,666	37,831	5
Male	57,285	475	248	367	703	1,354	2,272	2,902	6,238	13,105	18,342	11,275	4
Female	69,720	320	233	300	435	751	1,285	1,975	4,467	11,073	22,324	26,556	1
Black	18,763	406	154	181	355	1,056	1,881	1,930	2,515	3,438	3,933	2,905	9
Male	9,390	215	91	88	164	576	1,142	1,180	1,419	1,824	1,723	963	5
Female	9,373	191	63	93	191	480	739	750	1,096	1,614	2,210	1,942	4
Not stated ‡	1,592	26	7	8	24	81	110	135	167	283	391	358	2
Male	819	11	5	4	15	49	76	89	120	154	182	113	1
Female	773	15	2	4	9	32	34	46	47	129	209	245	1
Accidents and adverse effects (E800-E949)	86,565	906	2,508	3,745	15,201	15,153	10,896	6,819	6,825	8,032	9,336	7,031	113
Male	58,232	495	1,511	2,495	11,440	11,757	8,304	5,001	4,789	4,841	4,783	2,716	100
Female	28,333	411	997	1,250	3,761	3,396	2,592	1,818	2,036	3,191	4,553	4,315	13
Hispanic	7,051	103	325	380	1,811	1,737	1,037	523	390	314	256	141	34
Male	5,499	59	189	251	1,499	1,464	849	411	300	204	161	80	32
Female	1,552	44	136	129	312	273	188	112	90	110	95	61	2
Mexican	4,377	68	219	264	1,204	1,115	612	297	210	166	127	78	17
Male	3,499	39	127	174	1,018	967	500	242	165	119	88	45	15
Female	878	29	92	90	186	148	112	55	45	47	39	33	2
Puerto Rican	527	10	29	31	106	97	95	53	40	33	23	10	-
Male	402	7	19	20	88	82	77	41	35	18	11	4	-
Female	125	3	10	11	18	15	18	12	5	15	12	6	-
Cuban	279	5	6	5	33	30	34	48	30	31	38	18	1
Male	195	4	2	3	24	26	30	33	21	20	23	8	1
Female	84	1	4	2	9	4	4	15	9	11	15	10	-
Central and South American	557	4	15	17	174	161	76	38	27	24	15	5	1
Male	412	4	11	10	141	126	61	26	14	10	6	2	1
Female	145	-	4	7	33	35	15	12	13	14	9	3	-
Other and unknown Hispanic	1,311	16	56	63	294	334	220	87	83	60	53	30	15
Male	991	5	30	44	228	263	181	69	65	37	33	21	15
Female	320	11	26	19	66	71	39	18	18	23	20	9	-
Non-Hispanic †	78,238	791	2,157	3,331	13,211	13,156	9,656	6,170	6,323	7,610	8,993	6,802	38
Male	51,758	426	1,307	2,222	9,798	10,078	7,292	4,486	4,399	4,558	4,569	2,594	29
Female	26,480	365	850	1,109	3,413	3,078	2,364	1,684	1,924	3,052	4,424	4,208	9
White	64,755	476	1,534	2,463	11,147	10,621	7,552	4,882	5,183	6,549	8,080	6,243	25
Male	42,265	254	935	1,634	8,182	8,167	5,714	3,493	3,571	3,888	4,052	2,356	19
Female	22,490	222	599	829	2,965	2,454	1,838	1,389	1,612	2,661	4,028	3,887	6
Black	11,243	276	500	731	1,568	2,088	1,774	1,082	998	939	790	488	9
Male	7,954	148	304	503	1,240	1,571	1,356	851	731	596	445	203	6
Female	3,289	128	196	228	328	517	418	231	267	343	345	285	3
Not stated ‡	1,276	12	26	34	179	260	203	126	112	108	87	88	41
Male	975	10	15	22	143	215	163	104	90	79	53	42	39
Female	301	2	11	12	36	45	40	22	22	29	34	46	2

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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 44 Reporting States and the District of Columbia, 1989-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)	43,489	203	929	2,085	11,762	9,375	5,770	3,527	3,105	3,199	2,697	802	35
Male	29,850	107	508	1,314	8,539	6,990	4,134	2,429	2,064	1,787	1,476	471	31
Female	13,639	96	421	771	3,223	2,385	1,636	1,098	1,041	1,412	1,221	331	4
Hispanic	4,135	28	155	229	1,349	1,043	536	278	223	155	100	24	15
Male	3,171	16	81	147	1,094	854	411	204	163	103	66	18	14
Female	964	12	74	82	255	189	125	74	60	52	34	6	1
Mexican	2,666	18	115	161	921	684	330	160	133	76	48	13	7
Male	2,093	10	60	101	768	579	250	120	101	54	35	9	6
Female	573	8	55	60	153	105	80	40	32	22	13	4	1
Puerto Rican	221	3	6	13	60	46	40	20	12	8	8	1	-
Male	171	2	5	10	46	38	29	17	10	8	6	-	-
Female	50	1	1	3	14	8	11	3	2	4	2	1	-
Cuban	177	2	2	2	27	21	25	30	17	24	21	4	1
Male	125	2	2	2	19	17	21	19	10	15	15	4	1
Female	52	-	-	1	8	4	4	11	7	9	6	-	-
Central and South American	352	1	5	9	124	109	41	21	17	17	6	1	1
Male	262	1	4	5	101	85	32	14	9	8	1	1	1
Female	90	-	1	4	23	24	9	7	8	9	5	-	-
Other and unknown Hispanic	719	4	27	43	217	183	100	47	44	26	17	5	6
Male	520	1	12	29	160	135	79	34	33	18	9	4	6
Female	199	3	15	14	57	48	21	13	11	8	8	1	-
Non-Hispanic 1	38,795	172	762	1,837	10,282	8,195	5,146	3,197	2,848	3,006	2,570	771	9
Male	26,247	88	419	1,154	7,346	6,025	3,653	2,184	1,874	1,657	1,393	448	6
Female	12,548	84	343	683	2,936	2,170	1,493	1,013	974	1,349	1,177	323	3
White	32,839	121	562	1,460	8,912	6,779	4,171	2,647	2,418	2,678	2,363	720	8
Male	21,992	62	308	906	6,313	4,933	2,949	1,770	1,570	1,446	1,258	411	6
Female	10,847	59	254	554	2,599	1,786	1,222	877	848	1,232	1,105	309	2
Black	4,646	38	138	306	1,033	1,113	765	441	345	268	159	39	1
Male	3,404	18	83	207	792	817	573	346	253	178	107	30	-
Female	1,242	20	55	99	241	296	192	95	92	90	52	9	1
Not stated 2	559	3	12	19	131	137	88	52	34	38	27	7	11
Male	432	3	8	13	99	111	70	41	27	27	17	5	11
Female	127	-	4	6	32	26	18	11	7	11	10	2	-
All other accidents and adverse effects (E800-E807,E826-E949)													
	43,076	703	1,579	1,660	3,439	5,778	5,126	3,292	3,720	4,833	6,639	6,229	78
Male	28,382	388	1,003	1,181	2,901	4,767	4,170	2,572	2,725	3,054	3,307	2,245	69
Female	14,694	315	576	479	538	1,011	956	720	995	1,779	3,332	3,984	9
Hispanic	2,916	75	170	151	462	694	501	245	167	159	156	117	19
Male	2,328	43	108	104	405	610	438	207	137	101	95	62	18
Female	588	32	62	47	57	84	63	38	30	58	61	55	1
Mexican	1,711	50	104	103	283	431	282	137	77	90	79	65	10
Male	1,406	29	67	73	250	388	250	122	64	65	53	36	9
Female	305	21	37	30	33	43	32	15	13	25	26	29	1
Puerto Rican	306	7	23	18	46	51	55	33	28	21	15	9	-
Male	231	5	14	10	42	44	48	24	25	10	5	4	-
Female	75	2	9	8	4	7	7	9	3	11	10	5	-
Cuban	102	3	4	2	6	9	9	18	13	7	17	14	-
Male	70	2	2	1	5	9	9	14	11	5	8	4	-
Female	32	1	2	1	1	-	-	4	2	2	9	10	-
Central and South American	205	3	10	8	50	52	35	17	10	7	9	4	-
Male	150	3	7	5	40	41	29	12	5	2	5	1	-
Female	55	-	3	3	10	11	6	5	5	5	4	3	-
Other and unknown Hispanic	592	12	29	20	77	151	120	40	39	34	36	25	9
Male	471	4	18	15	68	128	102	35	32	19	24	17	9
Female	121	8	11	5	9	23	18	5	7	15	12	8	-
Non-Hispanic 1	39,443	619	1,395	1,494	2,929	4,961	4,510	2,973	3,475	4,604	6,423	6,031	29
Male	25,511	338	888	1,068	2,452	4,053	3,639	2,302	2,525	2,901	3,176	2,146	23
Female	13,932	281	507	426	477	908	871	671	950	1,703	3,247	3,885	6
White	31,916	355	972	1,003	2,235	3,842	3,381	2,235	2,765	3,871	5,717	5,523	17
Male	20,273	192	627	728	1,869	3,174	2,765	1,723	2,001	2,442	2,794	1,945	13
Female	11,643	163	345	275	366	668	616	512	764	1,429	2,923	3,578	4
Black	6,597	236	362	425	535	975	1,009	641	653	671	631	449	8
Male	4,550	130	221	296	448	754	783	505	478	418	338	173	6
Female	2,047	108	141	129	87	221	226	136	175	253	293	276	2
Not stated 2	717	9	14	15	48	123	115	74	78	70	60	81	30
Male	543	7	7	9	44	104	93	63	63	52	36	37	28
Female	174	2	7	6	4	19	22	11	15	18	24	44	2

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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 44 Reporting States and the District of Columbia, 1989—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)	27,406	...	...	217	4,404	5,891	4,829	3,299	3,048	2,979	2,079	649	11
Male	21,851	...	...	167	3,716	4,794	3,717	2,449	2,291	2,435	1,747	525	10
Female	5,555	...	...	50	688	1,097	1,112	850	757	544	332	124	1
Hispanic	1,550	...	...	17	403	417	290	164	116	70	59	13	1
Male	1,305	...	...	12	346	355	239	132	93	63	52	12	1
Female	245	...	...	5	57	62	51	32	23	7	7	1	-
Mexican	772	...	...	11	241	218	124	69	56	28	20	4	1
Male	659	...	...	8	207	187	104	59	44	27	18	4	1
Female	113	...	...	3	34	31	20	10	12	1	2	-	-
Puerto Rican	190	...	...	2	38	48	55	22	13	6	5	1	-
Male	164	...	...	2	33	42	49	18	10	5	4	1	-
Female	26	...	...	-	5	6	6	4	3	1	1	-	-
Cuban	151	...	...	-	9	22	23	25	25	20	22	5	-
Male	125	...	...	-	7	19	18	20	21	17	19	4	-
Female	26	...	...	-	2	3	5	5	4	3	3	1	-
Central and South American	114	...	...	-	25	41	21	13	6	5	3	-	-
Male	91	...	...	-	21	33	16	9	6	3	3	-	-
Female	23	...	...	-	4	8	5	4	-	2	-	-	-
Other and unknown Hispanic	323	...	...	4	90	88	67	35	16	11	9	3	-
Male	266	...	...	2	78	74	52	26	12	11	8	3	-
Female	57	...	...	2	12	14	15	9	4	-	1	-	-
Non-Hispanic	25,581	...	...	199	3,957	5,413	4,482	3,096	2,902	2,888	2,006	633	5
Male	20,325	...	...	154	3,331	4,390	3,431	2,288	2,179	2,353	1,684	510	5
Female	5,256	...	...	45	626	1,023	1,051	808	723	535	322	123	-
White	23,262	...	...	167	3,341	4,692	4,073	2,909	2,755	2,765	1,945	610	5
Male	18,485	...	...	129	2,815	3,795	3,129	2,159	2,073	2,250	1,639	491	5
Female	4,777	...	...	38	526	897	944	750	682	515	306	119	-
Black	1,737	...	...	26	438	558	321	142	104	91	41	16	-
Male	1,424	...	...	20	374	469	249	100	83	79	35	15	-
Female	313	...	...	6	64	89	72	42	21	12	6	1	-
Not stated	275	...	...	1	44	61	57	39	30	21	14	3	5
Male	221	...	...	1	39	49	47	29	19	19	11	3	4
Female	54	...	...	-	5	12	10	10	11	2	3	-	1
Homicide and legal intervention (E960-E978)	20,584	311	354	459	5,525	6,408	3,640	1,704	976	654	361	118	74
Male	15,931	152	199	264	4,575	5,084	2,865	1,335	737	423	186	60	51
Female	4,653	159	155	195	950	1,324	775	369	239	231	175	58	23
Hispanic	3,436	35	45	64	1,128	1,186	574	221	103	45	17	5	13
Male	2,978	19	26	45	1,013	1,045	490	192	85	35	10	5	13
Female	458	16	19	19	115	141	84	29	18	10	7	-	-
Mexican	1,701	20	22	37	619	562	266	94	48	15	11	1	6
Male	1,492	9	9	27	569	503	231	80	39	12	6	1	6
Female	209	11	13	10	50	59	35	14	9	3	5	-	-
Puerto Rican	461	5	7	12	162	134	83	37	13	7	1	-	-
Male	377	3	4	8	141	109	65	29	11	6	1	-	-
Female	84	2	3	4	21	25	18	8	2	1	-	-	-
Cuban	158	2	-	1	13	43	40	35	17	7	-	-	-
Male	145	2	-	-	11	42	38	33	14	5	-	-	-
Female	13	-	-	1	2	1	2	2	3	2	-	-	-
Central and South American	539	-	7	5	162	225	100	22	12	5	1	-	-
Male	480	-	6	2	145	207	84	21	11	4	-	-	-
Female	59	-	1	3	17	18	16	1	1	1	-	-	-
Other and unknown Hispanic	577	8	9	9	172	222	85	33	13	11	4	4	7
Male	484	5	7	8	147	184	72	29	10	8	3	4	7
Female	93	3	2	1	25	38	13	4	3	3	1	-	-
Non-Hispanic	16,674	262	307	391	4,303	5,063	2,992	1,447	847	592	337	108	25
Male	12,579	130	172	217	3,484	3,907	2,316	1,114	628	374	174	51	12
Female	4,095	132	135	174	819	1,156	676	333	219	218	163	57	13
White	6,916	123	142	174	1,188	1,873	1,398	853	493	368	222	67	15
Male	4,726	65	84	85	800	1,334	1,020	626	358	213	102	31	8
Female	2,190	58	58	89	388	539	378	227	135	155	120	36	7
Black	9,204	126	147	191	2,979	3,029	1,489	553	329	205	107	40	9
Male	7,454	60	79	118	2,574	2,457	1,218	457	253	148	67	19	4
Female	1,750	66	68	73	405	572	271	96	76	57	40	21	5
Not stated	474	14	2	4	94	159	74	36	26	17	7	5	36
Male	374	3	1	2	78	132	59	29	24	14	2	4	26
Female	100	11	1	2	16	27	15	7	2	3	5	1	10

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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 44 Reporting States and the District of Columbia, 1989—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 external causes (E980-E999)	2,250	48	51	41	298	580	528	251	171	139	92	34	17
Male	1,612	28	32	28	245	434	383	168	117	85	52	23	17
Female	638	20	19	13	53	146	145	83	54	54	40	11	-
Hispanic	157	4	9	4	34	48	26	14	8	6	1	1	2
Male	122	2	7	2	27	37	22	13	5	4	-	1	2
Female	35	2	2	2	7	11	4	1	3	2	1	-	-
Mexican	68	1	3	3	17	23	11	6	1	2	-	1	-
Male	53	1	2	1	13	17	11	6	-	1	-	1	-
Female	15	-	1	2	4	6	-	-	1	1	-	-	-
Puerto Rican	29	2	-	-	8	8	7	2	2	-	-	-	-
Male	24	1	-	-	6	8	5	2	2	-	-	-	-
Female	5	1	-	-	2	-	2	-	-	-	-	-	-
Cuban	7	-	2	-	1	-	1	2	-	1	-	-	-
Male	6	-	2	-	1	-	1	2	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-
Central and South American	13	-	2	-	2	4	2	3	-	-	-	-	-
Male	9	-	1	-	1	3	2	2	-	-	-	-	-
Female	4	-	1	-	1	1	-	1	-	-	-	-	-
Other and unknown Hispanic	40	1	2	1	6	13	5	1	5	3	1	-	2
Male	30	-	2	1	6	9	3	1	3	3	-	-	2
Female	10	1	-	-	-	4	2	-	2	-	1	-	-
Non-Hispanic ¹	2,021	43	42	36	257	515	484	233	163	128	88	29	3
Male	1,428	25	25	25	211	384	346	151	112	76	50	20	3
Female	593	18	17	11	46	131	138	82	51	52	38	9	-
White	1,548	20	30	31	198	391	355	179	128	111	74	28	3
Male	1,088	9	17	23	161	301	250	113	83	63	45	20	3
Female	460	11	13	8	37	90	105	66	45	48	29	8	-
Black	414	21	12	3	45	110	116	50	30	15	12	-	-
Male	294	14	8	1	40	71	86	35	24	11	4	-	-
Female	120	7	4	2	5	39	30	15	6	4	8	-	-
Not stated ²	72	1	-	1	7	17	18	4	-	5	3	4	12
Male	62	1	-	1	7	13	15	4	-	5	2	2	12
Female	10	-	-	-	-	4	3	-	-	-	1	2	-

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, 1989

(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)	22,082	120	54	30	17	11	232	41	23	43	570	2,784	4,975
Male	19,758	54	25	15	5	7	107	24	17	34	469	2,446	4,360
Female	2,324	66	29	14	12	4	125	17	6	9	102	338	615
White	15,045	52	21	12	7	4	96	25	16	25	339	1,823	3,314
Male	14,114	27	7	4	-	2	40	15	14	21	291	1,686	3,066
Female	981	25	14	8	7	2	56	10	2	4	48	137	248
All other	6,987	68	33	18	10	7	136	16	7	18	231	961	1,661
Male	5,644	27	18	12	5	5	67	9	3	13	177	760	1,294
Female	1,343	41	15	6	5	2	69	7	4	5	54	201	367
Black	6,795	68	33	18	10	7	136	16	6	17	225	935	1,624
Male	5,475	27	18	12	5	5	67	9	3	12	172	739	1,258
Female	1,320	41	15	6	5	2	69	7	3	5	53	196	366
Human immunodeficiency virus infection with specified conditions (*042)	21,452	113	46	27	16	10	212	38	19	41	556	2,717	4,842
Male	19,224	52	20	13	4	7	96	23	14	33	457	2,387	4,247
Female	2,228	61	26	14	12	3	116	15	5	8	99	330	585
White	14,696	48	21	12	7	3	91	23	15	24	332	1,775	3,231
Male	13,766	25	7	4	-	2	38	15	13	21	286	1,642	2,994
Female	930	23	14	8	7	1	53	8	2	3	46	133	237
All other	6,756	65	25	15	9	7	121	15	4	17	224	942	1,611
Male	5,458	27	13	9	4	5	58	7	3	5	53	197	358
Female	1,298	38	12	6	5	2	63	8	1	12	171	745	1,253
Black	6,567	65	25	15	9	7	121	15	3	17	218	916	1,574
Male	5,292	27	13	9	4	5	58	8	1	12	166	724	1,217
Female	1,275	38	12	6	5	2	63	7	2	5	52	192	357
With specified infections (*042.0)	5,890	57	10	6	1	3	77	8	5	13	190	824	1,316
Male	5,250	27	4	3	-	2	36	5	3	9	151	732	1,144
Female	640	30	6	3	1	1	41	3	2	4	39	92	172
White	3,983	27	5	2	1	-	35	4	3	6	113	544	874
Male	3,704	12	2	1	-	-	15	3	2	5	94	506	799
Female	279	15	3	1	1	-	20	1	1	1	19	38	75
All other	1,907	30	5	4	-	3	42	4	2	7	77	280	442
Male	1,546	15	2	2	2	2	21	2	1	4	57	228	345
Female	361	15	3	2	-	1	21	2	1	3	20	54	97
Black	1,833	30	5	4	-	3	42	4	2	7	75	269	425
Male	1,480	15	2	2	-	2	21	2	1	4	56	218	328
Female	353	15	3	2	-	1	21	2	1	3	19	51	97
Causing other specified infections (*042.1)	4,668	22	10	7	4	2	45	6	7	11	104	563	1,068
Male	4,193	9	5	4	-	2	20	4	5	9	84	498	955
Female	475	13	5	3	4	-	25	2	2	2	20	65	113
White	3,127	6	3	5	1	-	15	2	5	6	57	347	719
Male	2,945	4	1	3	-	-	8	-	5	5	47	324	682
Female	182	2	2	2	1	-	7	2	-	1	10	23	37
All other	1,541	16	7	2	3	2	30	4	2	5	47	216	349
Male	1,248	5	4	1	-	2	12	4	-	4	37	174	273
Female	293	11	3	1	3	-	18	2	1	1	10	42	76
Black	1,505	16	7	2	3	2	30	4	1	5	46	210	343
Male	1,216	5	4	1	-	2	12	4	-	4	36	169	267
Female	289	11	3	1	3	-	18	-	1	1	10	41	76
With specified malignant neoplasms (*042.2)	1,974	-	-	1	1	1	3	1	-	1	35	252	454
Male	1,841	-	-	1	-	1	2	1	-	1	32	248	446
Female	33	-	-	-	1	-	1	-	-	-	3	4	8
White	1,729	-	-	-	1	1	2	1	-	1	28	206	394
Male	1,707	-	-	-	-	1	1	1	-	1	26	204	388
Female	22	-	-	-	1	-	1	-	-	-	2	2	6
All other	245	-	-	1	-	-	1	-	-	-	7	46	60
Male	234	-	-	1	-	-	1	-	-	-	6	44	58
Female	11	-	-	-	-	-	-	-	-	-	1	2	2
Black	227	-	-	1	-	-	1	-	-	-	7	43	55
Male	217	-	-	1	-	-	1	-	-	-	6	41	53
Female	10	-	-	-	-	-	-	-	-	-	1	2	2
Acquired immunodeficiency syndrome, unspecified (*042.9)	8,920	34	26	13	10	4	87	23	7	16	227	1,078	2,004
Male	7,840	16	11	5	4	2	38	13	6	14	190	909	1,702
Female	1,080	18	15	8	6	2	49	10	1	2	37	169	302
White	5,857	15	13	5	4	2	39	16	7	11	134	678	1,244
Male	5,410	9	4	-	-	1	14	11	6	10	119	608	1,125
Female	447	6	9	5	4	1	25	5	1	1	15	70	119
All other	3,063	19	13	8	6	2	48	7	-	5	93	400	760
Male	2,430	7	7	5	4	1	24	2	-	4	71	301	577
Female	633	12	6	3	2	1	24	5	-	1	22	99	183
Black	3,002	19	13	8	6	2	48	7	-	5	90	394	751
Male	2,379	7	7	5	4	1	24	2	-	4	68	296	569
Female	623	12	6	3	2	1	24	5	-	1	22	98	182

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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, 1989—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 (*042-*044)	5,036	3,527	2,092	1,193	723	421	224	103	48	22	12	13
Male	4,557	3,273	1,969	1,114	665	389	185	75	28	16	8	13
Female	469	254	123	79	58	32	39	28	20	6	4	-
White	3,370	2,457	1,563	883	542	318	167	82	39	21	10	5
Male	3,205	2,367	1,510	844	510	297	136	61	24	16	6	5
Female	165	90	53	39	32	21	31	21	15	5	4	-
All other	1,666	1,070	529	310	181	103	57	21	9	1	2	8
Male	1,362	906	459	270	155	92	49	14	4	-	2	8
Female	304	164	70	40	26	11	8	7	5	1	-	-
Black	1,627	1,034	507	302	173	99	56	20	9	1	1	7
Male	1,328	873	438	263	150	89	49	13	4	-	1	7
Female	299	161	69	39	23	10	7	7	5	1	-	-
Human immunodeficiency virus infection with specified conditions (*042)	4,905	3,434	2,030	1,155	705	407	205	97	44	20	12	13
Male	4,455	3,193	1,911	1,080	650	376	171	71	24	15	8	13
Female	450	241	119	75	55	31	34	26	20	5	4	-
White	3,289	2,384	1,522	860	531	309	151	78	37	19	10	5
Male	3,132	2,309	1,471	824	501	289	125	58	22	15	6	5
Female	157	85	51	36	30	20	26	20	15	4	4	-
All other	1,616	1,040	508	295	174	98	54	19	7	1	2	8
Male	1,323	884	440	256	149	87	46	13	2	-	2	8
Female	293	156	68	39	25	11	8	6	5	1	-	-
Black	1,579	1,004	486	287	166	94	53	18	7	1	1	7
Male	1,291	851	419	249	144	84	46	12	2	-	1	7
Female	288	153	67	38	22	10	7	6	5	1	-	-
With specified infections (*042.0)	1,274	947	562	280	197	114	49	18	8	3	2	3
Male	1,143	876	535	264	179	106	41	13	6	3	1	3
Female	131	71	27	16	18	8	8	5	2	-	1	-
White	837	646	422	204	150	85	34	13	6	3	2	2
Male	794	615	407	195	141	79	28	10	5	3	1	2
Female	43	31	15	9	9	6	6	3	1	-	1	-
All other	437	301	140	76	47	29	15	5	2	-	-	1
Male	349	261	128	69	38	27	13	3	1	-	-	1
Female	88	40	12	7	9	2	2	2	1	-	-	-
Black	425	287	130	74	43	27	15	5	2	-	-	1
Male	338	249	118	67	35	25	13	3	1	-	-	1
Female	87	38	12	7	8	2	2	2	1	-	-	-
Causing other specified infections (*042.1)	1,116	739	419	233	150	105	46	25	12	7	6	6
Male	1,022	692	380	214	136	97	38	17	8	5	3	6
Female	94	47	39	19	14	8	8	8	4	2	3	-
White	721	515	305	168	105	80	37	20	10	7	6	2
Male	693	495	292	160	97	76	30	14	7	5	3	2
Female	28	20	13	8	8	4	7	6	3	2	3	-
All other	395	224	114	65	45	25	9	5	2	-	-	4
Male	329	197	88	54	39	21	8	3	1	-	-	4
Female	66	27	26	11	6	4	1	2	1	-	-	-
Black	387	217	110	64	44	25	9	5	2	-	-	3
Male	322	191	84	53	38	21	8	3	1	-	-	3
Female	65	26	26	11	6	4	1	2	1	-	-	-
With specified malignant neoplasms (*042.2)	510	324	193	101	58	24	10	5	2	-	1	-
Male	505	320	189	99	58	24	9	5	1	-	1	-
Female	5	4	4	2	-	-	1	-	1	-	-	-
White	442	288	178	95	54	23	10	5	2	-	-	-
Male	439	287	175	93	54	23	9	5	1	-	-	-
Female	3	1	3	2	-	-	1	-	1	-	-	-
All other	68	36	15	6	4	1	-	-	-	-	1	-
Male	66	33	14	6	4	1	-	-	-	-	-	-
Female	2	3	1	-	-	-	-	-	-	-	-	-
Black	63	34	14	5	4	1	-	-	-	-	-	-
Male	61	31	14	5	4	1	-	-	-	-	-	-
Female	2	3	-	-	-	-	-	-	-	-	-	-
Acquired immunodeficiency syndrome, unspecified (*042.9)	2,005	1,424	856	541	300	164	100	49	22	10	3	4
Male	1,785	1,305	807	503	277	149	83	36	9	7	3	4
Female	220	119	49	38	23	15	17	13	13	3	-	-
White	1,289	945	617	393	222	121	70	40	19	9	2	1
Male	1,206	912	597	376	209	111	58	29	9	7	2	1
Female	83	33	20	17	13	10	12	11	10	2	1	-
All other	716	479	239	148	78	43	30	9	3	1	1	3
Male	579	393	210	127	68	38	25	7	3	-	1	3
Female	137	86	29	21	10	5	5	2	3	1	-	-
Black	704	466	232	144	75	41	29	8	3	1	1	3
Male	570	380	203	124	67	37	25	6	3	1	1	3
Female	134	86	29	20	8	4	4	2	3	1	-	-

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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, 1989—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)	454	6	7	3	1	1	18	2	3	2	11	49	96
Male	375	2	4	3	1	1	10	1	3	1	8	41	80
Female	79	4	3	-	-	-	8	1	-	1	3	8	16
White	273	3	-	-	-	1	4	1	1	1	4	32	60
Male	230	2	-	-	-	-	2	-	1	-	2	28	50
Female	43	1	-	-	-	1	2	1	-	1	2	4	10
All other	181	3	7	3	1	-	14	1	2	1	7	17	36
Male	145	-	4	3	-	-	8	1	2	1	6	13	30
Female	36	3	3	-	-	-	6	-	-	-	1	4	6
Black	179	3	7	3	1	-	14	1	2	-	7	17	36
Male	143	-	4	3	1	-	8	1	2	-	6	13	30
Female	36	3	3	-	-	-	6	-	-	-	1	4	6
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)	454	6	7	3	1	1	18	2	3	2	11	49	96
Male	375	2	4	3	1	1	10	1	3	1	8	41	80
Female	79	4	3	-	-	-	8	1	-	1	3	8	16
White	273	3	-	-	-	1	4	1	1	1	4	32	60
Male	230	2	-	-	-	-	2	-	1	-	2	28	50
Female	43	1	-	-	-	1	2	1	-	1	2	4	10
All other	181	3	7	3	1	-	14	1	2	1	7	17	36
Male	145	-	4	3	1	-	8	1	2	1	6	13	30
Female	36	3	3	-	-	-	6	-	-	-	1	4	6
Black	179	3	7	3	1	-	14	1	2	-	7	17	36
Male	143	-	4	3	1	-	8	1	2	-	6	13	30
Female	36	3	3	-	-	-	6	-	-	-	1	4	6

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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, 1989

[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)	8.9	3.0	0.8	0.2	1.7	17.7	23.5	13.2	5.3	1.8	0.7	*	8.7
Male	16.3	2.7	0.7	0.2	2.7	31.0	43.5	25.5	10.3	3.2	1.2	*	15.7
Female	1.8	3.4	.8	.1	.6	4.4	3.9	1.6	.8	.7	.4	*	1.8
White	7.2	1.6	.4	.1	1.2	14.0	18.7	11.4	4.6	1.5	.7	*	7.0
Male	13.8	1.7	*	.2	2.1	25.6	35.8	22.3	9.0	2.7	1.2	*	13.1
Female	.9	1.6	.5	*	.4	2.1	1.6	.8	.5	.6	.4	*	.9
All other	17.8	8.7	2.3	.3	3.7	36.6	51.4	24.4	10.5	4.0	*	*	18.0
Male	30.1	6.8	2.7	*	5.6	60.1	92.5	46.7	20.2	7.4	*	*	31.5
Female	6.5	10.6	2.0	*	1.7	15.2	16.3	5.9	2.5	*	*	*	6.4
Black	22.2	11.0	3.0	.4	4.5	45.9	66.8	30.9	12.6	4.8	*	*	22.9
Male	37.6	8.6	3.5	*	6.9	75.9	121.1	59.9	24.5	9.2	*	*	40.3
Female	8.2	13.4	2.5	*	2.1	19.1	21.2	7.5	2.8	*	*	*	8.1
Human immunodeficiency virus infection with specified conditions (*042)	8.6	2.9	.7	.2	1.6	17.2	22.8	12.8	5.1	1.7	.7	*	8.4
Male	15.9	2.6	.6	.2	2.7	30.2	42.4	24.7	10.1	3.0	1.1	*	15.3
Female	1.8	3.2	.8	.1	.6	4.2	3.7	1.5	.8	.6	.4	*	1.7
White	7.0	1.5	.4	.1	1.2	13.7	18.2	11.1	4.4	1.4	.6	*	6.8
Male	13.5	1.5	*	.2	2.0	25.0	34.9	21.8	8.8	2.5	1.1	*	12.8
Female	.9	1.5	.5	*	.3	2.0	1.6	.8	.5	.5	*	*	.8
All other	17.2	8.3	1.9	*	3.5	35.6	49.9	23.4	10.0	3.7	*	*	17.4
Male	29.1	6.8	2.1	*	5.4	58.5	90.0	44.6	19.3	7.0	*	*	30.4
Female	6.3	9.9	1.7	*	1.7	14.8	15.6	5.7	2.4	*	*	*	6.1
Black	21.4	10.5	2.5	*	4.3	44.7	64.8	29.5	12.1	4.5	*	*	22.1
Male	36.4	8.6	2.7	*	6.7	73.8	117.9	57.1	23.4	8.6	*	*	39.0
Female	7.9	12.5	2.2	*	2.1	18.7	20.3	7.3	2.7	*	*	*	7.8
Human immunodeficiency virus infection causing other specified conditions (*043)	.1	*	*	*	*	.1	.2	.1	*	*	*	*	.1
Male	.1	*	*	*	*	.2	.3	.2	*	*	*	*	.1
Female	*	*	*	*	*	*	*	*	*	*	*	*	*
White	.1	*	*	*	*	.1	.1	.1	*	*	*	*	.0
Male	.1	*	*	*	*	.2	.3	.2	*	*	*	*	.1
Female	*	*	*	*	*	*	*	*	*	*	*	*	*
All other	.1	*	*	*	*	*	*	*	*	*	*	*	.1
Male	.2	*	*	*	*	*	*	*	*	*	*	*	.2
Female	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	.2	*	*	*	*	*	*	*	*	*	*	*	.2
Male	.3	*	*	*	*	*	*	*	*	*	*	*	.3
Female	*	*	*	*	*	*	*	*	*	*	*	*	*
Other human immunodeficiency virus infection (*044)	.2	*	*	*	*	.3	.4	.3	.1	*	*	*	.2
Male	.3	*	*	*	*	.6	.7	.5	.2	*	*	*	.3
Female	.1	*	*	*	*	.1	.2	*	*	*	*	*	.1
White	.1	*	*	*	*	.3	.3	.2	*	*	*	*	.1
Male	.2	*	*	*	*	.4	.6	.4	*	*	*	*	.2
Female	.0	*	*	*	*	*	*	*	*	*	*	*	.0
All other	.5	*	*	*	*	.7	1.2	.7	*	*	*	*	.5
Male	.8	*	*	*	*	1.3	1.9	1.5	*	*	*	*	.8
Female	.2	*	*	*	*	*	*	*	*	*	*	*	.2
Black	.6	*	*	*	*	1.0	1.6	1.0	*	*	*	*	.6
Male	1.0	*	*	*	*	1.6	2.5	2.1	*	*	*	*	1.1
Female	.2	*	*	*	*	*	*	*	*	*	*	*	.2

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.

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Table 1-41. Deaths and Death Rates for Human Immunodeficiency Virus Infection: United States and Each State, 1989

[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	22,082	8.9			
Alabama	150	3.6	Missouri	256	5.0
Alaska	7	*	Montana	16	*
Arizona	195	5.5	Nebraska	29	1.8
Arkansas	64	2.7	Nevada	86	7.7
California	4,369	15.0	New Hampshire	20	1.8
Colorado	223	6.7	New Jersey	1,514	19.6
Connecticut	248	7.7	New Mexico	66	4.3
Delaware	38	5.6	New York	4,624	25.8
District of Columbia	350	57.9	North Carolina	350	5.3
Florida	2,035	16.1	North Dakota	5	*
Georgia	667	10.4	Ohio	390	3.6
Hawaii	67	6.0	Oklahoma	109	3.4
Idaho	8	*	Oregon	119	4.2
Illinois	716	6.1	Pennsylvania	655	5.4
Indiana	156	2.8	Rhode Island	53	5.3
Iowa	44	1.5	South Carolina	179	5.1
Kansas	76	3.0	South Dakota	3	*
Kentucky	83	2.2	Tennessee	141	2.9
Louisiana	336	7.7	Texas	1,486	8.7
Maine	32	2.6	Utah	42	2.5
Maryland	410	8.7	Vermont	11	*
Massachusetts	408	6.9	Virginia	308	5.1
Michigan	331	3.6	Washington	278	5.8
Minnesota	101	2.3	West Virginia	30	1.6
Mississippi	96	3.7	Wisconsin	97	2.0
			Wyoming	5	*

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Table 1-42. Deaths From Human Immunodeficiency Virus Infection, by 10-Year Age Groups, Race, and Sex: United States and Each State, 1989

(Page 1 of 3)

[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	19,758	54	53	41	502	6,806	7,840	3,083	1,054	260	44	8	2,324	66	59	23	111	953	723	202	90	67	26	4
White	14,114	27	13	29	312	4,752	5,572	2,354	807	197	40	6	981	25	31	12	52	385	255	92	53	52	20	4
All other	5,644	27	40	12	190	2,054	2,268	729	247	63	4	2	1,343	41	28	11	59	568	468	110	37	15	6	-
Black	5,475	27	40	12	184	1,997	2,201	701	239	62	4	1	1,320	41	28	10	58	562	460	108	33	14	6	-
Alabama	136	1	-	-	5	63	43	17	5	2	-	-	14	1	2	-	-	6	1	2	-	2	-	-
White	73	-	-	-	1	34	23	10	5	-	-	-	4	1	-	-	-	1	-	-	-	2	-	-
All other	63	1	-	-	4	29	20	7	-	2	-	-	10	-	2	-	-	5	1	2	-	-	-	-
Black	63	1	-	-	4	29	20	7	-	2	-	-	10	-	2	-	-	5	1	2	-	-	-	-
Alaska	6	-	-	-	1	2	2	-	1	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
White	5	-	-	-	-	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other	1	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	188	-	-	-	8	77	65	25	8	3	1	1	7	-	-	-	1	1	1	1	1	2	-	-
White	178	-	-	-	8	76	59	23	7	3	1	1	5	-	-	-	1	1	1	1	1	1	-	-
All other	10	-	-	-	-	1	6	2	1	-	-	-	2	-	-	-	-	-	1	-	-	1	-	-
Black	8	-	-	-	-	1	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas	60	-	-	1	4	25	19	7	3	1	-	-	4	-	-	-	1	2	-	-	1	-	-	-
White	46	-	-	1	2	18	16	6	2	1	-	-	4	-	-	-	1	2	-	-	1	-	-	-
All other	14	-	-	-	2	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	14	-	-	-	2	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
California	4,209	5	3	5	72	1,284	1,733	763	273	60	7	-	160	5	4	1	6	52	42	24	16	6	2	2
White	3,632	3	2	4	58	1,068	1,512	681	240	54	7	-	109	-	4	-	5	29	29	20	12	6	2	2
All other	577	2	1	1	14	216	221	82	33	6	-	-	51	5	-	1	1	23	13	4	4	-	-	-
Black	506	2	1	1	14	196	190	68	29	5	-	-	41	5	-	1	19	11	2	3	-	-	-	-
Colorado	218	1	-	-	5	84	88	29	10	1	-	-	5	1	-	-	-	3	1	-	-	-	-	-
White	196	1	-	-	5	74	77	28	10	1	-	-	2	1	-	-	-	1	-	-	-	-	-	-
All other	22	-	-	-	-	10	11	1	-	-	-	-	3	-	-	-	-	2	1	-	-	-	-	-
Black	20	-	-	-	-	10	9	1	-	-	-	-	3	-	-	-	-	2	1	-	-	-	-	-
Connecticut	188	1	3	1	3	68	69	33	7	1	2	-	60	2	2	1	4	21	22	4	-	2	2	-
White	113	-	1	-	1	37	41	23	7	1	2	-	28	1	2	1	2	8	7	3	-	2	2	-
All other	75	1	2	1	2	31	28	10	-	-	-	-	32	1	-	-	2	13	15	1	-	-	-	-
Black	74	1	2	1	2	31	27	10	-	-	-	-	32	1	-	-	2	13	15	1	-	-	-	-
Delaware	34	-	-	-	-	18	11	4	-	1	-	-	4	-	-	-	1	2	1	-	-	-	-	-
White	21	-	-	-	-	13	4	4	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-
All other	13	-	-	-	-	5	7	-	-	1	-	-	3	-	-	-	1	1	1	-	-	-	-	-
Black	13	-	-	-	-	5	7	-	-	1	-	-	3	-	-	-	1	1	1	-	-	-	-	-
District of Columbia	323	2	1	-	9	89	151	52	16	2	-	-	27	2	3	-	4	7	3	6	1	-	1	-
White	125	-	-	-	1	30	62	24	7	1	-	-	2	1	-	-	-	1	-	3	6	1	-	-
All other	198	2	1	-	8	59	89	28	9	1	-	-	25	1	3	-	4	6	3	6	1	-	1	-
Black	198	2	1	-	8	59	89	28	9	1	-	-	25	1	3	-	4	6	3	6	1	-	1	-
Florida	1,705	4	7	5	43	596	626	287	97	32	6	-	330	15	8	5	16	146	88	22	13	14	3	-
White	1,121	-	1	3	22	386	403	209	69	22	5	-	69	3	1	3	3	21	17	5	5	9	2	-
All other	584	4	6	2	21	210	223	78	28	10	-	-	261	12	7	2	13	125	71	17	8	5	1	-
Black	580	4	6	2	21	209	221	77	28	10	1	-	261	12	7	2	13	125	71	17	8	5	1	-
Georgia	621	1	1	1	26	238	247	77	23	6	1	-	46	1	3	-	2	22	13	2	2	-	1	-
White	366	-	-	1	9	130	155	50	16	4	1	-	11	1	1	-	-	3	3	1	2	-	-	-
All other	255	1	1	-	17	108	92	27	7	2	-	-	35	-	2	-	2	19	10	1	-	-	1	-
Black	255	1	1	-	17	108	92	27	7	2	-	-	35	-	2	-	2	19	10	1	-	-	1	-
Hawaii	65	-	-	-	3	24	21	15	2	-	-	-	2	-	-	-	-	1	-	1	-	-	-	-
White	47	-	-	-	2	16	16	12	1	-	-	-	2	-	-	-	-	1	-	1	-	-	-	-
All other	18	-	-	-	1	8	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	8	-	-	-	-	5	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White	8	-	-	-	-	5	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Illinois	657	4	2	4	18	242	228	114	32	12	1	-	59	4	2	1	3	23	14	11	1	-	-	-
White	430	4	-	3	9	144	159	79	23	8	1	-	27	2	2	1	1	10	5	5	1	-	-	-
All other	227	-	2	1	9	98	69	35	9	4	-	-	32	2	-	-	2	13	9	6	-	-	-	-
Black	226	-	2	1	9	97	69	35	9	4	-	-	31	2	-	-	2	13	8	6	-	-	-	-
Indiana	145	-	-	-	6	75	37	18	8	1	-	-	11	-	-	-	1	3	3	2	1	-	1	-
White	116	-	-	-	6	61	26	15	7	1	-	-	7	-	-	-	1	2	1	1	1	-	1	-
All other	29	-	-	-	-	14	11	3	1	-	-	-	4	-	-	-	-	1	2	1	-	-	-	-
Black	29	-	-	-	-	14	11	3	1	-	-	-	4	-	-	-	-	1	2	1	-	-	-	-
Iowa	39	-	-	-	1	18	13	5	2	-	-	-	5	-	-	1	1	1						

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Table 1-42. Deaths From Human Immunodeficiency Virus Infection, by 10-Year Age Groups, Race, and Sex: United States and Each State, 1989—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	32	-	-	-	2	10	10	4	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
White	32	-	-	-	2	10	10	4	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maryland	358	1	2	1	5	136	128	55	25	2	3	-	52	1	3	-	1	18	21	5	1	2	-	-	-	
White	158	-	-	-	3	55	58	25	14	1	2	-	10	1	1	-	1	2	1	2	3	2	-	-	-	
All other	200	1	2	1	2	81	70	30	11	1	1	-	42	-	2	-	-	16	20	3	1	-	-	-	-	
Black	199	1	2	1	2	81	69	30	11	1	1	-	42	-	2	-	-	16	20	3	1	-	-	-	-	
Massachusetts	363	-	2	-	15	125	151	51	13	5	-	1	45	1	-	-	2	21	17	2	1	1	-	-	-	
White	304	-	-	-	13	108	124	44	10	4	-	1	26	1	-	-	1	13	8	1	1	1	-	-	-	
All other	59	-	2	-	2	17	27	7	3	1	-	-	19	-	-	-	1	8	9	1	-	-	-	-	-	
Black	59	-	2	-	2	17	27	7	3	1	-	-	18	-	-	-	1	8	9	1	-	-	-	-	-	
Michigan	304	-	-	1	5	118	121	40	12	7	-	-	27	2	-	-	1	7	10	5	1	1	-	-	-	
White	171	-	-	1	5	72	59	28	7	4	-	-	5	-	-	-	1	2	2	3	1	1	-	-	-	
All other	133	-	-	-	5	46	62	12	5	3	-	-	22	2	-	-	1	6	8	3	1	1	-	-	-	
Black	133	-	-	-	5	46	62	12	5	3	-	-	22	2	-	-	1	6	8	3	1	1	-	-	-	
Minnesota	96	1	-	-	2	34	38	14	6	-	1	-	5	-	-	-	-	2	3	-	-	-	-	-	-	
White	88	1	-	-	1	30	35	14	6	-	1	-	3	-	-	-	-	2	1	-	-	-	-	-	-	
All other	8	-	-	-	1	4	3	-	-	-	-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	
Black	7	-	-	-	1	4	2	-	-	-	-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	
Mississippi	85	-	-	-	5	39	26	10	2	3	-	-	11	-	-	-	3	1	2	3	-	1	1	-	-	
White	48	-	-	-	3	22	12	6	2	3	-	-	6	-	-	-	2	-	-	2	-	1	1	-	-	
All other	37	-	-	-	2	17	14	4	-	-	-	-	5	-	-	-	1	1	2	1	-	-	-	-	-	
Black	37	-	-	-	2	17	14	4	-	-	-	-	5	-	-	-	1	1	2	1	-	-	-	-	-	
Missouri	250	1	-	-	7	100	99	29	11	2	1	-	6	-	-	-	-	3	1	-	1	1	-	-	-	
White	195	1	-	-	4	74	81	23	9	2	1	-	5	-	-	-	-	3	1	-	1	1	-	-	-	
All other	55	-	-	-	3	26	18	6	2	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	
Black	53	-	-	-	3	26	16	6	2	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	
Montana	13	-	-	1	-	7	1	2	1	1	-	-	3	-	-	-	-	2	1	-	-	-	-	-	-	
White	13	-	-	1	-	7	1	2	1	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	
All other	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	
Black	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	
Nebraska	27	-	-	-	-	12	10	3	2	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-	-
White	25	-	-	-	-	11	9	3	2	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	
All other	2	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	
Black	2	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	
Nevada	77	-	-	-	5	26	30	12	3	1	-	-	9	-	1	-	1	2	2	1	1	1	1	-	-	
White	69	-	-	-	5	26	24	10	3	1	-	-	7	-	1	-	1	1	1	1	1	1	1	-	-	
All other	8	-	-	-	-	6	2	-	-	-	-	-	2	-	-	-	-	1	1	-	-	-	-	-	-	
Black	8	-	-	-	-	6	2	-	-	-	-	-	2	-	-	-	-	1	1	-	-	-	-	-	-	
New Hampshire	20	-	-	-	2	7	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
White	19	-	-	-	2	6	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Black	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
New Jersey	1,181	4	5	2	24	399	519	151	53	16	2	2	333	5	7	4	7	162	110	26	8	2	2	-	-	
White	584	1	1	-	14	188	252	82	34	9	2	1	108	-	3	2	3	55	32	6	3	2	2	-	-	
All other	597	3	4	2	10	211	267	69	19	7	-	1	225	5	4	2	4	107	78	20	5	-	-	-	-	
Black	592	3	4	2	10	207	266	69	19	7	-	1	225	5	4	2	4	107	78	20	5	-	-	-	-	
New Mexico	64	-	-	-	4	24	25	7	2	1	1	-	2	-	-	-	-	1	1	-	-	-	-	-	-	
White	60	-	-	-	4	22	23	7	2	1	1	-	2	-	-	-	-	1	1	-	-	-	-	-	-	
All other	4	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Black	3	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
New York	3,860	18	20	9	62	1,106	1,674	688	227	47	6	1	764	18	10	9	37	321	273	62	19	9	5	1	-	
White	2,583	12	6	3	37	764	1,070	483	163	34	6	1	364	8	5	4	22	170	107	31	7	6	3	1	-	
All other	1,277	6	14	3	25	342	604	205	64	13	-	-	400	10	5	5	15	151	166	31	12	3	2	-	-	
Black	1,249	6	14	3	23	335	593	199	62	13	-	-	398	10	5	5	15	151	165	31	11	3	2	-	-	
North Carolina	306	1	1	1	11	125	115	39	10	3	-	-	44	-	-	-	-	15	20	4	4	1	-	-	-	
White	147	1	1	1	7	54	48	27	6	2	-	-	5	-	-	-	-	1	-	-	3	1	-	-	-	
All other	159	-	-	-	4	71	67	12	4	1	-	-	39	-	-	-	-	14	20	4	1	-	-	-	-	
Black	158	-	-	-	3	71	67	12	4	1	-	-	39	-	-	-	-	14	20	4	1	-	-	-	-	
North Dakota	5	-	-	-	-	1	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
White	5	-	-	-	-	1	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ohio	370	1	1	-	12	148	141	49	16	1	-	-	20	1	1	-	1	7	5	2	1	1	1	-	-	
White	2																									

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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 44 Reporting States and the District of Columbia, 1989
(Page 1 of 2)
[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)	20,651	112	99	57	571	7,188	8,066	3,088	1,078	310	59	10	13
Male	18,503	50	47	35	470	6,299	7,404	2,899	993	250	37	6	13
Female	2,148	62	52	22	101	889	662	189	85	60	22	4	-
Hispanic	3,099	32	20	17	109	1,193	1,171	412	114	27	4	-	-
Male	2,683	16	7	11	89	1,015	1,044	376	101	22	2	-	-
Female	416	16	13	6	20	178	127	36	13	5	2	-	-
Mexican	698	4	5	5	35	288	236	87	30	8	-	-	-
Male	653	2	1	5	33	277	223	80	26	6	-	-	-
Female	45	2	4	-	2	11	13	7	4	2	-	-	-
Puerto Rican	1,142	14	7	9	39	428	463	147	32	2	1	-	-
Male	942	7	3	4	25	339	402	131	28	2	1	-	-
Female	200	7	4	5	14	89	61	16	4	5	1	-	-
Cuban	288	-	-	1	6	107	98	51	19	4	-	-	-
Male	283	-	-	1	6	105	97	51	19	4	-	-	-
Female	5	-	-	-	-	2	1	-	-	-	-	-	-
Central and South American	285	-	1	-	14	88	117	48	12	4	1	-	-
Male	259	-	-	-	14	77	109	47	9	3	-	-	-
Female	26	-	1	-	-	11	8	1	3	1	1	-	-
Other and unknown Hispanic	686	14	7	2	15	282	257	79	21	8	1	-	-
Male	546	7	3	1	11	217	213	67	19	7	1	-	-
Female	140	7	4	1	4	65	44	12	2	1	-	-	-
Non-Hispanic	17,131	78	77	39	450	5,878	6,727	2,598	941	277	53	8	5
Male	15,448	32	40	23	374	5,185	6,208	2,450	870	222	34	5	5
Female	1,683	46	37	16	76	693	519	148	71	55	19	3	-
White	11,237	20	22	20	239	3,674	4,403	1,902	694	208	46	7	2
Male	10,681	9	7	14	211	3,464	4,266	1,849	656	167	32	4	2
Female	556	11	15	6	28	210	137	53	38	41	14	3	-
Black	5,736	58	55	18	205	2,153	2,264	670	236	67	7	1	2
Male	4,628	23	33	9	158	1,675	1,888	577	206	54	2	1	2
Female	1,108	35	22	9	47	478	376	93	30	13	5	-	-
Not stated	421	2	2	1	12	117	168	78	23	6	2	2	8
Male	372	2	-	1	7	99	152	73	22	6	1	1	8
Female	49	-	-	-	5	18	16	5	1	-	-	-	-
Human immunodeficiency virus infection with specified conditions (*042)	20,057	105	88	50	555	7,003	7,853	2,992	1,047	286	55	10	13
Male	18,003	48	40	31	458	6,142	7,222	2,810	966	233	34	6	13
Female	2,054	57	48	19	97	861	631	182	81	53	21	4	-
Hispanic	3,030	29	19	15	108	1,169	1,146	401	113	26	4	-	-
Male	2,627	14	7	10	88	998	1,025	367	100	21	2	-	-
Female	403	15	12	5	20	176	121	34	13	5	2	-	-
Mexican	688	4	5	5	35	284	232	87	29	7	-	-	-
Male	643	2	1	5	33	273	219	80	25	5	-	-	-
Female	45	2	4	-	2	11	13	7	4	2	-	-	-
Puerto Rican	1,109	11	6	8	38	417	456	138	32	2	1	-	-
Male	918	5	3	4	24	330	397	124	28	2	1	-	-
Female	191	6	3	4	14	87	59	14	4	-	-	-	-
Cuban	283	-	-	-	6	104	97	51	19	5	1	-	-
Male	279	-	-	-	6	102	97	51	19	4	-	-	-
Female	4	-	-	-	-	2	-	-	-	1	1	-	-
Central and South American	279	-	1	-	14	87	113	47	12	4	1	-	-
Male	253	-	-	-	14	76	105	46	9	3	-	-	-
Female	26	-	1	-	-	11	8	1	3	1	1	-	-
Other and unknown Hispanic	671	14	7	2	15	277	248	78	21	8	1	-	-
Male	534	7	3	1	11	212	207	66	19	7	1	-	-
Female	137	7	4	1	4	65	41	12	2	1	-	-	-
Non-Hispanic	16,617	74	67	34	436	5,720	6,542	2,516	912	254	49	8	5
Male	15,013	32	33	20	363	5,053	6,047	2,373	845	206	31	5	5
Female	1,604	42	34	14	73	667	495	143	67	48	18	3	-
White	10,928	19	22	19	233	3,577	4,287	1,854	675	190	43	7	2
Male	10,409	9	7	14	207	3,380	4,158	1,803	640	155	30	4	2
Female	519	10	15	5	26	197	129	51	35	35	13	3	-
Black	5,533	55	45	14	198	2,092	2,196	636	226	62	6	1	2
Male	4,467	23	26	6	152	1,627	1,836	546	197	50	1	1	2
Female	1,066	32	19	8	46	465	360	90	29	12	5	-	-
Not stated	410	2	2	1	11	114	165	75	22	6	2	2	8
Male	363	2	-	1	7	96	150	70	21	6	1	1	8
Female	47	-	2	-	4	18	15	5	1	-	1	1	-

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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 44 Reporting States and the District of Columbia, 1989—Con.
(Page 2 of 2)

[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)	163	1	--	2	3	50	59	30	7	10	1	--	--
Male	146	--	--	--	3	46	55	28	6	8	--	--	--
Female	17	1	--	2	--	4	4	2	1	2	1	--	--
Hispanic	21	1	--	1	1	8	8	1	--	1	--	--	--
Male	17	--	--	--	1	7	7	1	--	1	--	--	--
Female	4	1	--	1	--	1	1	--	--	--	--	--	--
Mexican	4	--	--	--	--	2	1	--	--	1	--	--	--
Male	4	--	--	--	--	2	1	--	--	1	--	--	--
Female	--	--	--	--	--	--	--	--	--	--	--	--	--
Puerto Rican	9	1	--	1	1	3	2	1	--	--	--	--	--
Male	5	--	--	--	1	2	1	1	--	--	--	--	--
Female	4	1	--	1	--	1	1	--	--	--	--	--	--
Cuban	1	--	--	--	--	1	--	--	--	--	--	--	--
Male	1	--	--	--	--	1	--	--	--	--	--	--	--
Female	--	--	--	--	--	--	--	--	--	--	--	--	--
Central and South American	3	--	--	--	--	1	2	--	--	--	--	--	--
Male	3	--	--	--	--	1	2	--	--	--	--	--	--
Female	--	--	--	--	--	--	--	--	--	--	--	--	--
Other and unknown Hispanic	4	--	--	--	--	1	3	--	--	--	--	--	--
Male	4	--	--	--	--	1	3	--	--	--	--	--	--
Female	--	--	--	--	--	--	--	--	--	--	--	--	--
Non-Hispanic ¹	140	--	--	1	2	41	51	29	6	9	1	--	--
Male	127	--	--	--	2	38	48	27	5	7	--	--	--
Female	13	--	--	1	--	3	3	2	1	2	1	--	--
White	98	--	--	--	2	28	37	18	5	7	--	--	--
Male	94	--	--	--	2	28	35	18	5	6	--	--	--
Female	4	--	--	--	--	--	2	--	--	1	1	--	--
Black	41	--	--	1	--	13	13	11	1	2	--	--	--
Male	32	--	--	--	--	10	12	9	--	1	--	--	--
Female	9	--	--	1	--	3	1	2	1	1	--	--	--
Not stated ²	2	--	--	--	--	1	--	--	1	--	--	--	--
Male	2	--	--	--	--	1	--	--	1	--	--	--	--
Female	--	--	--	--	--	--	--	--	--	--	--	--	--
Other human immunodeficiency virus infection (*044)	431	6	11	5	13	135	154	66	24	14	3	--	--
Male	354	2	7	4	9	111	127	61	21	9	3	--	--
Female	77	4	4	1	4	24	27	5	3	5	--	--	--
Hispanic	48	2	1	1	--	16	17	10	1	--	--	--	--
Male	39	2	--	1	--	15	12	8	1	--	--	--	--
Female	9	--	1	--	--	1	5	2	--	--	--	--	--
Mexican	6	--	--	--	--	2	3	--	1	--	--	--	--
Male	6	--	--	--	--	2	3	--	1	--	--	--	--
Female	--	--	--	--	--	--	--	--	--	--	--	--	--
Puerto Rican	24	2	1	--	--	8	5	8	--	--	--	--	--
Male	19	2	--	--	--	7	4	6	--	--	--	--	--
Female	5	--	1	--	--	1	1	2	--	--	--	--	--
Cuban	4	--	--	1	--	2	1	--	--	--	--	--	--
Male	3	--	--	1	--	2	--	--	--	--	--	--	--
Female	1	--	--	--	--	--	1	--	--	--	--	--	--
Central and South American	3	--	--	--	--	--	2	1	--	--	--	--	--
Male	3	--	--	--	--	--	2	1	--	--	--	--	--
Female	--	--	--	--	--	--	--	--	--	--	--	--	--
Other and unknown Hispanic	11	--	--	--	--	4	6	1	--	--	--	--	--
Male	8	--	--	--	--	4	3	1	--	--	--	--	--
Female	3	--	--	--	--	--	3	--	--	--	--	--	--
Non-Hispanic ¹	374	4	10	4	12	117	134	53	23	14	3	--	--
Male	308	--	7	3	9	94	113	50	20	9	3	--	--
Female	66	4	3	1	3	23	21	3	3	5	--	--	--
White	211	1	--	1	4	69	79	30	14	11	2	--	--
Male	178	--	--	--	2	56	73	28	11	6	2	--	--
Female	33	1	--	1	2	13	6	2	3	5	--	--	--
Black	162	3	10	3	7	48	55	23	9	3	1	--	--
Male	129	--	7	3	6	38	40	22	9	3	1	--	--
Female	33	3	3	--	1	10	15	1	--	--	--	--	--
Not stated ²	9	--	--	--	1	2	3	3	--	--	--	--	--
Male	7	--	--	--	--	2	2	3	--	--	--	--	--
Female	2	--	--	--	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 1-44. Deaths From Human Immunodeficiency Virus Infection, by Specified Hispanic Origin, Race for Non-Hispanic Origin, and Sex: Total of 44 Reporting States and the District of Columbia, and Each State, 1989
(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 †
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total ‡	White	Black	
All reporting areas	20,651	3,099	698	1,142	288	285	686	17,131	11,237	5,796	421
Male	16,503	2,693	653	942	283	259	546	15,448	10,681	4,628	372
Female	2,148	416	45	200	5	26	140	1,683	556	1,108	49
Alabama	150	1	-	-	-	-	1	145	75	70	4
Male	136	1	-	-	-	-	1	131	71	60	4
Female	14	-	-	-	-	-	-	14	4	10	-
Alaska	7	-	-	-	-	-	-	7	5	1	-
Male	6	-	-	-	-	-	-	6	5	-	-
Female	1	-	-	-	-	-	-	1	-	1	-
Arizona	195	29	18	-	3	2	6	166	154	8	-
Male	188	29	18	-	3	2	6	159	149	8	-
Female	7	-	-	-	-	-	-	7	5	-	-
Arkansas	64	-	-	-	-	-	-	64	50	14	-
Male	60	-	-	-	-	-	-	60	46	14	-
Female	4	-	-	-	-	-	-	4	4	-	-
California	4,369	645	378	99	30	81	117	3,693	3,085	533	31
Male	4,203	613	358	38	30	76	111	3,557	3,009	493	29
Female	160	32	20	1	-	5	6	126	76	40	2
Colorado	223	36	11	-	-	-	25	187	163	23	-
Male	218	35	11	-	-	-	24	183	162	20	-
Female	5	1	-	-	-	-	1	4	1	3	-
Delaware	38	1	-	1	-	-	-	36	22	14	1
Male	34	-	-	-	-	-	-	33	21	12	1
Female	4	1	-	1	-	-	-	3	1	2	-
District of Columbia	350	8	1	1	1	3	2	336	118	218	6
Male	323	8	1	1	1	3	2	309	116	193	6
Female	27	-	-	-	-	-	-	27	2	25	-
Florida	2,035	427	7	50	182	41	147	1,596	893	701	12
Male	1,705	368	5	41	178	38	105	1,325	840	483	12
Female	330	59	2	9	3	3	42	271	53	218	-
Georgia	667	2	-	-	-	-	2	665	375	290	-
Male	621	2	-	-	-	-	2	619	364	255	-
Female	46	-	-	-	-	-	-	46	11	35	-
Hawaii	67	5	1	2	-	-	2	62	47	-	-
Male	65	4	1	1	-	-	2	61	46	-	-
Female	2	1	-	1	-	-	-	1	1	-	-
Idaho	8	-	-	-	-	-	-	8	8	-	-
Male	8	-	-	-	-	-	-	8	8	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Illinois	716	98	36	44	1	4	3	605	365	239	23
Male	657	78	29	41	1	4	3	556	348	208	23
Female	59	10	7	3	-	-	-	49	17	31	-
Indiana	156	-	-	-	-	-	-	155	123	32	1
Male	145	-	-	-	-	-	-	144	116	28	1
Female	11	-	-	-	-	-	-	11	7	4	-
Iowa	44	-	-	-	-	-	-	44	44	-	-
Male	39	-	-	-	-	-	-	39	39	-	-
Female	5	-	-	-	-	-	-	5	5	-	-
Kansas	76	4	2	1	-	-	1	70	54	16	2
Male	71	4	2	1	-	-	1	65	50	15	2
Female	5	-	-	-	-	-	-	5	4	1	-
Kentucky	83	2	-	-	-	1	1	80	67	12	1
Male	74	-	-	-	-	-	-	74	63	10	-
Female	9	2	-	-	-	1	1	6	4	2	1
Maine	32	-	-	-	-	-	-	30	30	-	2
Male	32	-	-	-	-	-	-	30	30	-	2
Female	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	408	38	2	27	4	3	2	370	293	76	-
Male	363	32	2	22	4	2	2	331	273	58	-
Female	45	6	-	5	-	1	-	39	20	18	-
Michigan	331	6	2	-	1	-	3	323	168	155	2
Male	304	6	2	-	1	-	3	296	163	133	2
Female	27	-	-	-	-	-	-	27	5	22	-
Minnesota	101	1	-	-	1	-	-	99	89	9	1
Male	96	1	-	-	1	-	-	94	86	7	1
Female	5	-	-	-	-	-	-	5	3	2	-
Mississippi	96	-	-	-	-	-	-	93	52	41	3
Male	85	-	-	-	-	-	-	82	46	36	3
Female	11	-	-	-	-	-	-	11	6	5	-
Missouri	256	13	7	-	-	-	6	242	188	53	1
Male	250	13	7	-	-	-	6	236	183	52	1
Female	6	-	-	-	-	-	-	6	5	1	-

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Table 1-44. Deaths From Human Immunodeficiency Virus Infection, by Specified Hispanic Origin, Race for Non-Hispanic Origin, and Sex: Total of 44 Reporting States and the District of Columbia, and Each State, 1989—Con.

(Page 2 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	
Montana	16	1	-	1	-	-	-	14	13	-	1
Male	13	-	-	-	-	-	-	12	12	-	1
Female	3	1	-	1	-	-	-	2	1	-	-
Nebraska	29	1	-	-	-	1	-	27	24	3	1
Male	27	1	-	-	-	1	-	25	23	2	1
Female	2	-	-	-	-	-	-	2	1	-	-
Nevada	86	7	2	-	2	1	2	79	69	10	-
Male	77	7	2	-	2	1	2	70	62	8	-
Female	9	-	-	-	-	-	-	9	7	2	-
New Jersey	1,514	246	3	87	12	14	130	1,251	519	728	17
Male	1,181	187	3	72	11	12	89	979	445	530	15
Female	333	59	-	15	1	2	41	272	74	198	2
New Mexico	66	23	4	-	-	-	19	43	39	3	-
Male	64	22	4	-	-	-	18	42	38	3	-
Female	2	1	-	-	-	-	1	1	1	-	-
New York	4,624	1,202	11	834	40	120	197	3,134	1,633	1,477	288
Male	3,860	986	8	680	39	107	152	2,629	1,497	1,110	245
Female	764	216	3	154	1	13	45	505	136	367	43
North Carolina	350	2	-	-	2	-	-	348	151	196	-
Male	306	2	-	-	2	-	-	304	146	157	-
Female	44	-	-	-	-	-	-	44	5	39	-
North Dakota	5	-	-	-	-	-	-	5	5	-	-
Male	5	-	-	-	-	-	-	5	5	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Ohio	390	10	1	8	-	-	1	377	284	90	3
Male	370	8	1	6	-	-	1	360	273	84	2
Female	20	2	-	2	-	-	-	17	11	6	1
Oregon	119	6	6	-	-	-	-	113	108	3	-
Male	112	5	5	-	-	-	-	107	102	3	-
Female	7	1	1	-	-	-	-	6	6	-	-
Pennsylvania	655	39	-	31	1	1	6	612	376	233	4
Male	596	31	-	25	1	1	4	561	349	209	4
Female	59	8	-	6	-	-	2	51	27	24	-
Rhode Island	53	4	-	3	1	-	-	49	40	9	-
Male	47	4	-	3	1	-	-	43	38	5	-
Female	6	-	-	-	-	-	-	6	2	4	-
South Carolina	179	1	-	-	-	-	1	178	70	108	-
Male	159	1	-	-	-	-	1	158	66	92	-
Female	20	-	-	-	-	-	-	20	4	16	-
South Dakota	3	-	-	-	-	-	-	3	2	-	-
Male	2	-	-	-	-	-	-	2	2	-	-
Female	1	-	-	-	-	-	-	1	-	-	-
Tennessee	141	4	-	3	-	-	1	132	98	34	5
Male	129	4	-	3	-	-	1	120	95	25	5
Female	12	-	-	-	-	-	-	12	3	9	-
Texas	1,486	227	202	5	3	10	7	1,249	951	291	10
Male	1,425	212	190	4	3	9	6	1,203	921	276	10
Female	61	15	12	1	-	1	1	46	30	15	-
Utah	42	3	1	-	-	1	1	39	34	3	-
Male	38	3	1	-	-	1	1	35	31	2	-
Female	4	-	-	-	-	-	-	4	3	1	-
Vermont	11	-	-	-	-	-	-	9	9	-	2
Male	11	-	-	-	-	-	-	9	9	-	2
Female	-	-	-	-	-	-	-	-	-	-	-
Washington	278	11	1	4	2	1	3	267	238	24	-
Male	269	11	1	4	2	1	3	258	231	22	-
Female	9	-	-	-	-	-	-	9	7	2	-
West Virginia	30	-	-	-	-	-	-	30	26	4	-
Male	28	-	-	-	-	-	-	28	25	3	-
Female	2	-	-	-	-	-	-	2	1	1	-
Wisconsin	97	5	1	1	2	1	-	92	76	15	-
Male	90	4	1	-	2	1	-	86	73	12	-
Female	7	1	-	1	-	-	-	6	3	3	-
Wyoming	5	1	1	-	-	-	-	4	4	-	-
Male	5	1	1	-	-	-	-	4	4	-	-
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.

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Table 1-45. Deaths for Ages 15 Years and Over, by Educational Attainment, Race and Sex: 21 Reporting States, 1989

(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
Arizona	15,003	2,961	1,771	5,203	2,217	2,178	673	12,268	2,592	1,076	4,866	1,777	1,394	563
White	13,922	2,608	1,578	4,947	2,115	2,137	537	11,536	2,333	951	4,704	1,720	1,359	469
All other	1,081	353	193	256	102	41	136	732	259	125	162	57	35	94
Black	400	125	60	105	48	21	41	283	71	55	85	32	26	14
California	109,530	19,878	13,047	36,121	15,794	16,716	7,974	100,220	20,188	9,620	38,920	13,650	10,492	7,350
White	95,083	17,087	11,169	31,159	13,987	15,041	6,640	89,261	17,390	8,249	35,363	12,318	9,548	6,393
All other	14,447	2,791	1,878	4,962	1,807	1,675	1,334	10,959	2,798	1,371	3,557	1,332	944	957
Black	9,238	1,714	1,416	3,415	1,151	638	904	7,279	1,580	1,074	2,517	962	525	621
Colorado	10,698	2,452	1,278	3,266	1,574	1,595	533	9,792	2,169	974	3,419	1,510	1,151	569
White	10,225	2,380	1,190	3,107	1,496	1,545	507	9,407	2,089	921	3,273	1,468	1,116	540
All other	473	72	88	159	78	50	26	385	80	53	146	42	35	29
Black	381	50	77	133	70	33	18	300	57	33	42	33	28	26
Delaware	2,876	659	445	943	258	326	245	2,791	635	367	1,004	285	206	294
White	2,364	503	343	796	231	308	183	2,368	503	305	880	270	189	221
All other	512	156	102	147	27	18	62	423	132	62	124	15	17	73
Black	501	151	100	145	27	16	62	416	128	61	123	15	17	72
Florida	70,578	13,206	8,175	24,569	8,248	10,196	6,184	59,397	11,802	5,822	24,112	6,436	5,281	5,944
White	62,689	10,509	6,680	22,576	7,884	9,874	5,166	53,291	9,597	4,741	22,569	6,125	4,997	5,262
All other	7,889	2,697	1,495	1,993	364	322	1,018	6,106	2,205	1,081	1,543	311	284	682
Black	7,704	2,651	1,480	1,940	353	277	1,003	5,991	2,170	1,077	1,502	301	271	670
Hawaii	3,665	1,059	417	1,050	365	458	316	2,609	963	243	681	246	249	227
White	1,141	193	85	327	168	279	89	830	178	53	254	128	149	68
All other	2,524	866	332	723	197	179	227	1,779	785	190	427	118	100	159
Black	21	4	1	10	2	1	3	8	-	-	3	1	4	-
Idaho	3,920	1,059	507	1,156	473	361	364	3,302	798	365	1,096	521	270	252
White	3,856	1,041	493	1,140	466	358	358	3,266	785	360	1,083	517	270	251
All other	64	18	14	16	7	3	6	36	13	5	13	4	-	1
Black	4	-	1	2	-	-	1	1	1	-	-	-	-	-
Illinois	24,074	4,504	2,830	9,416	1,466	1,816	4,042	23,787	4,686	2,340	9,301	1,458	1,441	4,561
White	22,113	4,120	2,497	8,661	1,379	1,741	3,715	22,045	4,363	2,071	8,626	1,356	1,356	4,273
All other	1,961	384	333	755	87	75	327	1,742	323	269	675	102	85	288
Black	1,929	380	329	746	85	67	322	1,719	319	267	667	100	83	283
Iowa	13,134	4,255	1,500	4,546	1,136	1,038	659	13,565	4,115	1,207	4,776	1,683	1,089	695
White	12,965	4,218	1,474	4,486	1,116	1,028	643	13,402	4,075	1,190	4,716	1,665	1,081	675
All other	169	37	26	60	20	10	16	163	40	17	60	18	8	20
Black	140	31	24	54	15	5	11	138	36	12	51	15	8	16
Kansas	10,704	2,888	1,257	3,516	1,318	1,060	665	11,076	2,868	1,031	3,741	1,548	999	889
White	10,111	2,750	1,176	3,317	1,267	1,035	566	10,520	2,765	963	3,560	1,486	968	778
All other	593	138	81	199	51	25	99	556	103	68	181	62	31	111
Black	509	114	72	172	40	21	90	486	80	59	158	58	27	104
Michigan	39,527	10,999	7,259	12,536	4,011	3,291	1,431	37,092	10,994	5,694	12,650	3,813	2,501	1,440
White	33,045	9,230	5,793	10,655	3,500	3,022	845	31,925	9,595	4,644	11,149	3,355	2,234	948
All other	6,482	1,769	1,466	1,881	511	269	586	5,167	1,399	1,050	1,501	458	267	492
Black	6,204	1,669	1,418	1,816	496	231	574	4,956	1,326	1,006	1,452	446	248	478
Minnesota	17,082	6,241	1,797	4,391	1,797	1,541	1,315	16,490	5,744	1,354	4,730	2,162	1,193	1,307
White	16,676	6,146	1,744	4,266	1,752	1,510	1,258	16,190	5,674	1,299	4,644	2,135	1,177	1,261
All other	406	95	53	125	45	57	300	300	70	55	86	27	16	46
Black	225	42	27	77	30	18	31	150	32	22	52	14	10	20
Missouri	24,907	8,798	3,132	7,567	2,152	2,111	1,147	24,388	9,100	2,413	7,887	2,110	1,671	1,207
White	22,159	7,940	2,639	6,749	1,919	1,989	923	21,938	8,293	2,045	7,166	1,895	1,540	999
All other	2,748	858	493	818	233	122	224	2,450	807	368	721	215	131	208
Black	2,645	840	477	785	219	106	218	2,366	777	362	694	205	123	205
Montana	3,551	1,094	403	1,088	393	334	239	3,009	761	249	1,048	476	299	176
White	3,377	1,024	367	1,047	375	331	233	2,904	717	229	1,026	465	294	173
All other	174	70	36	41	18	3	6	105	44	20	22	11	5	3
Black	6	2	-	3	-	-	1	5	-	1	1	1	2	-
New Hampshire	4,122	756	449	1,741	350	570	256	4,144	818	323	1,800	488	409	306
White	4,107	754	447	1,739	349	565	253	4,132	818	322	1,793	486	408	305
All other	15	2	2	2	2	5	3	12	-	1	7	2	1	1
Black	11	2	1	1	1	4	2	7	-	1	5	1	-	-
Oregon	12,685	2,895	1,683	4,170	1,645	1,366	926	11,696	2,414	1,200	4,526	1,652	1,070	834
White	12,304	2,818	1,632	4,048	1,601	1,328	877	11,398	2,324	1,155	4,439	1,618	1,049	813
All other	381	77	51	122	44	38	49	298	90	45	87	34	21	21
Black	193	46	27	55	26	15	24	134	47	17	34	18	10	8
South Carolina	15,242	4,865	3,031	3,347	1,020	1,378	1,601	13,341	4,228	2,993	2,473	1,122	1,151	1,376
White	10,409	2,675	2,276	2,237	869	1,225	1,127	9,191	2,315	2,266	1,715	982	948	965
All other	4,833	2,190	755	1,110	151	153	474	4,150	1,911	727	758	140	203	411
Black	4,804	2,186	749	1,101	148	147	473	4,122	1,904	726	749	138	200	405
Utah	4,560	633	653	1,614	779	625	256	4,228	723	522	1,584	771	429	199
White	4,435	606	634	1,581	760	616	238	4,131	696	505	1,556	760	421	193
All other	125	27	19	33	19	9	18	97	27	17	28	11	8	6
Black	42	7	6	11	5	4	9	32	8	6	9	5	3	1

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Table 1-45. Deaths for Ages 15 Years and Over, by Educational Attainment, Race and Sex: 21 Reporting States, 1989—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
Vermont	2,313	593	257	779	187	265	232	2,179	445	183	785	312	239	215
White	2,308	593	256	777	187	263	232	2,176	444	182	785	311	239	215
All other	5	-	1	2	-	2	-	3	1	1	-	1	-	-
Black	4	-	1	2	-	1	-	2	1	-	-	1	-	-
Wisconsin	20,979	7,669	2,756	6,614	1,891	1,718	331	20,430	7,698	2,005	6,630	2,234	1,474	389
White	20,216	7,413	2,572	6,392	1,839	1,683	317	19,832	7,489	1,862	6,467	2,185	1,451	378
All other	763	256	184	222	52	35	14	598	209	143	163	49	23	11
Black	616	209	153	182	40	23	9	490	168	120	135	40	20	7
Wyoming	1,684	402	232	577	193	142	138	1,463	310	153	532	249	129	90
White	1,647	395	224	565	188	141	134	1,428	300	145	523	245	128	87
All other	37	7	8	12	5	1	4	35	10	8	9	4	1	3
Black	6	2	-	2	1	1	-	3	1	-	-	1	1	-

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989

(Page 1 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. For a listing of the reporting States; see Technical Appendix.]

Cause of death, years of school completed, race, and sex	15 years and over	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	840,572	15,045	24,331	32,227	45,727	100,252	189,769	242,132	191,089
0 - 8 years	212,395	1,166	1,572	2,214	4,703	16,226	39,718	72,024	74,772
9 - 11 years	100,219	5,389	4,275	4,040	6,444	14,504	24,133	26,947	14,487
12 years	286,699	5,550	10,386	12,416	18,356	39,194	73,751	77,558	49,488
13 - 15 years	98,242	2,058	4,292	6,414	7,159	12,747	22,345	25,004	18,223
16 years or more	87,197	332	2,468	5,318	6,542	11,877	18,816	24,425	17,419
Not stated	55,820	550	1,338	1,825	2,523	5,704	11,006	16,174	16,700
All races, male									
0 - 8 years	437,792	11,252	17,966	22,151	28,779	61,512	110,344	121,160	64,568
9 - 11 years	107,329	884	1,205	1,538	3,108	10,775	24,195	39,241	27,383
12 years	57,072	4,086	3,244	2,836	4,117	8,983	14,353	14,256	5,197
13 - 15 years	141,955	4,246	7,668	8,293	10,840	21,836	39,426	35,315	14,331
16 years or more	50,819	1,409	3,041	4,334	4,412	7,678	13,035	11,813	5,097
Not stated	52,181	208	1,775	3,808	4,519	8,388	12,719	13,720	7,044
Not stated	28,376	419	1,033	1,342	1,783	3,852	6,616	7,815	5,516
All races, female									
0 - 8 years	402,840	3,793	6,365	10,076	16,948	38,740	79,425	120,972	126,521
9 - 11 years	105,066	282	367	676	1,595	5,451	15,523	33,783	47,389
12 years	43,147	1,303	1,031	1,204	2,327	5,521	9,780	12,691	9,290
13 - 15 years	144,744	1,304	2,718	4,123	7,516	17,358	34,325	42,243	35,157
16 years or more	47,423	649	1,251	2,080	2,747	5,069	9,310	13,191	13,126
Not stated	35,016	124	693	1,510	2,023	3,489	6,097	10,705	10,375
Not stated	27,444	131	305	483	740	1,852	4,390	8,359	11,184
White, both sexes									
0 - 8 years	747,210	11,516	18,440	24,754	36,605	84,855	168,886	222,538	179,616
9 - 11 years	184,584	963	1,282	1,644	3,479	12,450	32,505	63,237	69,024
12 years	84,979	4,021	2,972	2,638	4,666	11,656	20,932	24,585	13,509
13 - 15 years	259,411	4,211	7,834	9,428	14,882	34,316	67,887	73,354	47,499
16 years or more	90,169	1,632	3,322	5,158	6,040	11,309	20,916	24,086	17,706
Not stated	81,255	268	2,047	4,590	5,691	10,744	17,658	23,413	16,844
Not stated	46,812	421	983	1,296	1,847	4,380	8,888	13,863	15,034
White, male									
0 - 8 years	385,535	8,551	13,845	17,166	23,116	52,421	98,690	111,514	60,232
9 - 11 years	92,515	743	1,007	1,168	2,286	8,350	20,255	33,760	25,176
12 years	48,260	3,011	2,314	1,861	2,968	7,373	12,665	13,184	4,884
13 - 15 years	126,445	3,212	5,837	6,300	8,763	19,139	36,258	33,326	13,610
16 years or more	46,286	1,101	2,412	3,555	3,775	6,887	12,261	11,377	4,918
Not stated	48,733	167	1,494	3,329	3,996	7,701	12,069	13,188	6,789
Not stated	23,296	317	781	953	1,328	2,971	5,412	6,679	4,855
White, female									
0 - 8 years	361,675	2,965	4,595	7,588	13,489	32,434	70,196	111,024	119,384
9 - 11 years	92,069	220	275	476	1,193	4,100	12,480	29,477	43,848
12 years	36,719	1,010	658	777	1,698	4,283	8,267	11,401	8,625
13 - 15 years	132,966	999	1,997	3,128	6,119	15,177	31,629	40,028	33,889
16 years or more	43,883	531	910	1,603	2,265	4,422	8,655	12,709	12,788
Not stated	32,522	101	553	1,261	1,695	3,043	5,589	10,225	10,055
Not stated	23,516	104	202	343	519	1,409	3,576	7,184	10,179
All other, both sexes									
0 - 8 years	93,362	3,529	5,891	7,473	9,122	15,397	20,883	19,594	11,473
9 - 11 years	27,811	203	290	570	1,224	3,776	7,213	9,787	5,748
12 years	15,240	1,368	1,303	1,402	1,778	2,848	3,201	2,362	978
13 - 15 years	27,288	1,339	2,552	2,988	3,474	4,878	5,864	4,204	1,989
16 years or more	8,073	426	970	1,256	1,119	1,438	1,429	918	517
Not stated	5,942	64	421	728	851	1,133	1,158	1,012	575
Not stated	9,008	129	355	529	676	1,324	2,018	2,311	1,666
All other, male									
0 - 8 years	52,197	2,701	4,121	4,985	5,663	9,091	11,654	9,646	4,336
9 - 11 years	14,814	141	198	370	822	2,425	4,170	4,481	2,207
12 years	8,812	1,075	930	975	1,149	1,610	1,688	1,072	313
13 - 15 years	15,510	1,034	1,831	1,993	2,077	2,697	3,168	1,989	721
16 years or more	4,533	308	629	779	637	791	774	436	179
Not stated	3,448	41	281	479	523	687	650	532	255
Not stated	5,080	102	252	389	455	881	1,204	1,136	661
All other, female									
0 - 8 years	41,165	828	1,770	2,488	3,459	6,306	9,229	9,948	7,137
9 - 11 years	12,997	62	92	200	402	1,351	3,043	4,306	3,541
12 years	6,428	293	373	427	629	1,238	1,513	1,290	665
13 - 15 years	11,778	305	721	995	1,397	2,181	2,696	2,215	1,268
16 years or more	3,540	118	341	477	482	647	655	482	338
Not stated	2,494	23	140	249	328	446	508	480	320
Not stated	3,928	27	103	140	221	443	814	1,175	1,005
Black, both sexes									
0 - 8 years	75,581	2,895	5,052	6,345	7,576	12,716	17,060	15,340	8,597
9 - 11 years	22,458	147	225	457	993	3,215	6,057	6,989	4,375
12 years	13,254	1,136	1,193	1,277	1,595	2,517	2,753	2,014	769
13 - 15 years	22,367	1,157	2,230	2,639	2,991	4,023	4,660	3,208	1,459
16 years or more	6,327	313	814	1,042	879	1,137	1,096	667	379
Not stated	3,787	33	289	484	530	686	776	602	387
Not stated	7,388	109	301	446	588	1,138	1,718	1,860	1,228
Black, male									
0 - 8 years	41,829	2,235	3,547	4,256	4,764	7,526	9,412	7,108	2,981
9 - 11 years	12,138	96	156	307	695	2,159	3,576	3,519	1,630
12 years	7,608	907	849	896	1,046	1,420	1,413	862	215
13 - 15 years	12,553	902	1,600	1,747	1,814	2,213	2,453	1,367	457
16 years or more	3,429	222	527	643	489	599	575	267	107
Not stated	1,928	23	202	327	309	359	367	224	117
Not stated	4,173	85	213	336	411	776	1,028	869	455
Black, female									
0 - 8 years	33,752	660	1,505	2,089	2,812	5,190	7,648	8,232	5,616
9 - 11 years	10,320	51	69	150	298	1,056	2,481	3,470	2,745
12 years	5,646	229	344	381	549	1,097	1,340	1,152	554
13 - 15 years	9,814	255	630	692	1,177	1,810	2,207	1,841	1,002
16 years or more	2,898	91	287	399	390	538	521	400	272
Not stated	1,859	10	87	157	221	327	409	378	270
Not stated	3,215	24	88	110	177	362	690	991	773

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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	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	8,843	215	3,045	3,394	1,479	518	163	26	3
0 - 8 years	379	13	108	120	73	40	23	1	1
9 - 11 years	842	61	397	241	82	42	17	1	1
12 years	2,853	90	1,146	985	405	162	58	7	-
13 - 15 years	1,919	34	721	796	269	82	14	3	-
16 years or more	2,303	6	517	1,051	530	153	34	11	1
Not stated	547	11	156	201	120	39	17	3	-
All races, male	8,239	183	2,791	3,222	1,410	482	132	18	1
0 - 8 years	308	9	86	100	63	33	15	1	1
9 - 11 years	709	49	333	213	70	30	13	1	-
12 years	2,623	78	1,042	917	384	153	46	3	-
13 - 15 years	1,852	32	689	777	263	78	11	2	-
16 years or more	2,253	6	504	1,032	519	151	32	9	-
Not stated	494	9	137	183	111	37	15	2	-
All races, female	604	32	254	172	69	36	31	8	2
0 - 8 years	71	4	22	20	10	7	8	-	-
9 - 11 years	133	12	64	28	12	12	4	-	1
12 years	230	12	104	68	21	9	12	4	-
13 - 15 years	67	2	32	19	6	4	3	1	-
16 years or more	50	-	13	19	11	2	2	2	1
Not stated	53	2	19	18	9	2	2	1	-
White, both sexes	6,717	134	2,182	2,612	1,217	418	127	24	3
0 - 8 years	227	9	61	74	46	23	12	1	1
9 - 11 years	453	37	215	114	49	25	11	1	1
12 years	2,087	54	810	703	322	138	53	7	-
13 - 15 years	1,570	24	561	664	234	71	13	3	-
16 years or more	2,022	5	437	927	482	134	26	10	1
Not stated	358	5	98	130	84	27	12	2	-
White, male	6,481	123	2,106	2,552	1,181	395	106	17	1
0 - 8 years	200	7	56	66	42	19	8	1	1
9 - 11 years	415	32	200	109	42	22	9	1	-
12 years	1,995	50	779	680	311	129	43	3	-
13 - 15 years	1,537	24	548	656	229	67	11	2	-
16 years or more	1,993	5	432	914	476	133	25	8	-
Not stated	341	5	91	127	81	25	10	2	-
White, female	236	11	76	60	36	23	21	7	2
0 - 8 years	27	2	5	8	4	4	4	-	-
9 - 11 years	38	5	15	5	7	3	2	-	1
12 years	92	4	31	23	11	9	10	4	-
13 - 15 years	33	-	13	8	5	4	2	1	-
16 years or more	29	-	5	13	6	1	1	2	1
Not stated	17	-	7	3	3	2	2	-	-
All other, both sexes	2,126	81	863	782	262	100	36	2	-
0 - 8 years	152	4	47	46	27	17	11	-	-
9 - 11 years	389	24	182	127	33	17	6	-	-
12 years	766	36	336	282	83	24	5	-	-
13 - 15 years	349	10	160	132	35	11	1	-	-
16 years or more	281	1	80	124	48	19	8	1	-
Not stated	189	6	58	71	36	12	5	1	-
All other, male	1,758	60	685	670	229	87	26	1	-
0 - 8 years	108	2	30	34	21	14	7	-	-
9 - 11 years	294	17	133	104	28	8	4	-	-
12 years	628	28	263	237	73	24	3	-	-
13 - 15 years	315	8	141	121	34	11	-	-	-
16 years or more	260	1	72	118	43	18	7	1	-
Not stated	153	4	46	56	30	12	5	-	-
All other, female	368	21	178	112	33	13	10	1	-
0 - 8 years	44	2	17	12	6	3	4	-	-
9 - 11 years	95	7	49	23	5	2	2	-	-
12 years	138	8	73	45	10	-	2	-	-
13 - 15 years	34	2	19	11	1	-	1	-	-
16 years or more	21	-	8	6	5	1	1	-	-
Not stated	36	2	12	15	6	-	-	1	-
Black, both sexes	2,007	80	825	733	240	93	34	2	-
0 - 8 years	147	4	46	43	27	16	11	-	-
9 - 11 years	386	24	180	127	33	17	5	-	-
12 years	790	35	322	270	76	22	5	-	-
13 - 15 years	327	10	148	126	31	11	1	-	-
16 years or more	234	1	73	99	38	15	7	1	-
Not stated	183	6	56	68	35	12	5	1	-
Black, male	1,652	59	652	625	209	81	25	1	-
0 - 8 years	105	2	30	32	21	13	7	-	-
9 - 11 years	293	17	132	104	28	8	4	-	-
12 years	596	27	251	226	67	22	3	-	-
13 - 15 years	295	8	130	116	30	11	-	-	-
16 years or more	216	1	65	94	34	15	6	1	-
Not stated	147	4	44	53	29	12	5	-	-
Black, female	355	21	173	108	31	12	9	1	-
0 - 8 years	42	2	16	11	6	3	4	-	-
9 - 11 years	93	7	48	23	5	9	1	-	-
12 years	134	8	71	44	9	-	2	-	-
13 - 15 years	32	2	18	10	1	-	1	-	-
16 years or more	18	-	8	5	4	-	1	-	-
Not stated	36	2	12	15	6	-	-	1	-

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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	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	198,478	699	2,097	6,217	15,211	37,544	62,074	53,628	21,008
0 - 8 years	41,595	37	94	321	1,268	5,215	11,715	14,857	8,088
9 - 11 years	23,530	235	237	578	1,987	5,153	7,622	6,034	1,684
12 years	73,435	239	854	2,430	6,404	15,391	24,951	17,655	5,511
13 - 15 years	25,450	133	448	1,311	2,599	5,150	7,860	5,918	2,031
16 years or more	24,111	24	387	1,346	2,373	5,017	6,921	5,985	2,058
Not stated	10,357	31	77	231	580	1,618	3,005	3,179	1,636
All races, male	105,306	401	1,034	2,727	7,427	20,686	34,774	28,966	9,291
0 - 8 years	24,281	24	49	154	706	3,398	7,308	8,762	3,880
9 - 11 years	13,300	138	121	272	1,041	2,994	4,507	3,481	746
12 years	35,393	143	411	1,010	2,915	7,484	12,617	8,662	2,151
13 - 15 years	12,715	71	217	522	1,203	2,707	4,260	2,957	778
16 years or more	14,037	7	190	652	1,232	3,131	4,375	3,429	1,021
Not stated	5,580	18	46	117	330	972	1,707	1,675	715
All races, female	93,172	298	1,063	3,490	7,784	16,858	27,300	24,662	11,717
0 - 8 years	17,314	13	45	167	562	1,817	4,407	6,095	4,208
9 - 11 years	10,230	97	116	306	946	2,159	3,115	2,553	938
12 years	38,042	96	443	1,420	3,489	7,907	12,334	8,993	3,360
13 - 15 years	12,735	62	231	789	1,396	2,443	3,600	2,961	1,253
16 years or more	10,074	17	197	694	1,141	1,886	2,546	2,556	1,037
Not stated	4,777	13	31	114	250	646	1,298	1,504	921
White, both sexes	177,556	567	1,748	5,117	12,673	32,672	55,856	49,365	19,558
0 - 8 years	35,473	33	75	245	963	4,108	9,681	12,990	7,378
9 - 11 years	20,279	179	191	410	1,509	4,279	6,642	5,512	1,557
12 years	67,178	198	726	2,018	5,441	13,753	23,127	16,669	5,246
13 - 15 years	23,524	110	363	1,095	2,247	4,642	7,391	5,710	1,966
16 years or more	22,486	21	337	1,167	2,080	4,626	6,520	5,764	1,971
Not stated	8,616	26	56	182	433	1,264	2,495	2,720	1,440
White, male	93,533	319	868	2,229	6,075	17,840	31,112	26,520	8,570
0 - 8 years	20,497	20	40	112	513	2,634	6,021	7,655	3,502
9 - 11 years	11,481	105	97	184	758	2,493	3,966	3,184	694
12 years	32,039	115	350	820	2,413	6,596	11,585	8,127	2,033
13 - 15 years	11,794	58	183	444	1,051	2,459	4,007	2,843	749
16 years or more	13,199	5	166	581	1,097	2,926	4,148	3,305	971
Not stated	4,523	16	32	88	243	732	1,385	1,406	621
White, female	84,023	248	880	2,888	6,598	14,832	24,744	22,845	10,988
0 - 8 years	14,976	13	35	133	450	1,474	3,660	5,335	3,876
9 - 11 years	8,798	74	94	226	751	1,786	2,676	2,328	863
12 years	35,139	83	376	1,198	3,028	7,157	11,542	8,542	3,213
13 - 15 years	11,730	52	180	651	1,196	2,183	3,384	2,867	1,217
16 years or more	9,287	16	171	586	983	1,700	2,372	2,459	1,000
Not stated	4,093	10	24	94	190	532	1,110	1,314	819
All other, both sexes	20,922	132	349	1,100	2,538	4,872	6,218	4,263	1,450
0 - 8 years	6,122	4	19	76	305	1,107	2,034	1,867	710
9 - 11 years	3,251	56	46	168	478	874	980	522	127
12 years	6,257	41	128	412	963	1,638	1,824	986	265
13 - 15 years	1,926	23	85	216	352	508	469	208	65
16 years or more	1,625	3	50	179	293	391	401	221	87
Not stated	1,741	5	21	49	147	354	510	459	196
All other, male	11,773	82	166	498	1,352	2,846	3,662	2,446	721
0 - 8 years	3,784	4	9	42	193	764	1,287	1,107	378
9 - 11 years	1,819	33	24	88	283	501	541	297	52
12 years	3,354	28	61	190	502	888	1,032	535	118
13 - 15 years	921	13	34	78	152	248	253	114	29
16 years or more	838	2	24	71	135	205	227	124	50
Not stated	1,057	2	14	29	87	240	322	269	94
All other, female	9,149	50	183	602	1,186	2,026	2,556	1,817	729
0 - 8 years	2,338	-	10	34	112	343	747	760	332
9 - 11 years	1,432	23	22	80	195	373	439	225	75
12 years	2,903	13	67	222	461	750	792	451	147
13 - 15 years	1,005	10	51	138	200	260	216	94	36
16 years or more	787	1	26	108	158	186	174	97	37
Not stated	684	3	7	20	60	114	188	190	102
Black, both sexes	16,624	100	247	838	2,055	3,936	5,010	3,344	1,099
0 - 8 years	4,986	4	10	51	236	938	1,708	1,491	548
9 - 11 years	2,825	41	38	153	439	772	832	450	100
12 years	4,970	33	100	336	813	1,309	1,432	751	196
13 - 15 years	1,462	19	63	152	276	399	357	151	45
16 years or more	957	1	22	101	161	232	254	128	58
Not stated	1,424	2	14	40	130	286	427	373	152
Black, male	9,407	63	116	373	1,132	2,315	2,965	1,906	537
0 - 8 years	3,216	4	30	160	684	1,124	1,124	914	296
9 - 11 years	1,580	25	21	77	267	438	444	249	39
12 years	2,653	24	49	148	440	708	809	389	86
13 - 15 years	677	10	21	53	117	189	194	76	17
16 years or more	424	-	11	40	68	99	120	62	24
Not stated	877	-	10	25	80	197	274	216	75
Black, female	7,217	37	131	460	923	1,621	2,045	1,438	562
0 - 8 years	1,770	-	6	21	76	254	584	577	252
9 - 11 years	1,265	16	17	76	172	334	388	201	61
12 years	2,317	9	51	188	373	601	623	362	110
13 - 15 years	785	9	42	99	159	210	163	75	28
16 years or more	533	1	11	61	93	133	134	66	34
Not stated	547	2	4	15	50	89	153	157	77

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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	17,741	60	287	590	987	2,558	4,901	5,398	2,960
0 - 8 years	5,274	1	7	31	138	496	1,306	1,961	1,334
9 - 11 years	2,337	15	60	83	157	444	690	646	242
12 years	5,863	31	124	255	415	1,006	1,773	1,561	698
13 - 15 years	1,828	11	63	135	140	289	503	439	248
16 years or more	1,346	2	21	74	85	165	362	413	204
Not stated	1,093	-	12	12	52	138	267	378	234
All races, male	7,687	31	165	364	554	1,231	2,281	2,173	888
0 - 8 years	2,051	-	4	22	83	230	552	774	386
9 - 11 years	982	5	32	53	76	197	291	245	83
12 years	2,569	17	74	153	227	472	800	640	186
13 - 15 years	841	8	35	77	77	135	272	168	69
16 years or more	799	1	11	52	61	132	233	216	93
Not stated	445	-	9	7	30	65	133	130	71
All races, female	10,054	29	122	226	433	1,327	2,620	3,225	2,072
0 - 8 years	3,223	1	3	9	55	266	754	1,187	948
9 - 11 years	1,355	10	28	30	81	247	399	401	159
12 years	3,294	14	50	102	188	534	973	921	512
13 - 15 years	987	3	28	58	63	154	231	271	179
16 years or more	547	1	10	22	24	53	129	197	111
Not stated	648	-	3	5	22	73	134	248	163
White, both sexes	14,869	39	223	454	741	1,940	4,056	4,723	2,693
0 - 8 years	4,339	-	7	23	104	336	1,000	1,675	1,194
9 - 11 years	1,865	9	43	52	108	313	565	552	223
12 years	5,031	21	99	197	313	810	1,526	1,419	646
13 - 15 years	1,632	7	50	114	114	241	454	409	243
16 years or more	1,192	2	16	63	68	154	332	369	188
Not stated	810	-	8	5	34	86	179	299	199
White, male	6,508	20	122	281	431	957	1,946	1,948	803
0 - 8 years	1,690	-	4	15	65	154	433	674	345
9 - 11 years	820	4	26	35	61	145	257	214	78
12 years	2,196	11	53	119	174	380	691	599	169
13 - 15 years	746	4	26	68	63	116	246	155	68
16 years or more	718	1	8	43	48	114	221	198	85
Not stated	338	-	5	1	20	48	98	108	58
White, female	8,361	19	101	173	310	983	2,110	2,775	1,890
0 - 8 years	2,649	-	3	8	39	182	567	1,001	849
9 - 11 years	1,045	5	17	17	47	168	308	338	145
12 years	2,835	10	46	78	139	430	835	820	477
13 - 15 years	886	3	24	46	51	125	208	254	175
16 years or more	474	1	8	20	20	40	111	171	103
Not stated	472	-	3	4	14	38	81	191	141
All other, both sexes	2,872	21	64	136	246	618	845	675	267
0 - 8 years	935	1	-	8	34	160	308	286	140
9 - 11 years	472	6	17	31	49	131	125	94	19
12 years	832	10	25	58	102	196	247	142	52
13 - 15 years	196	4	13	21	26	48	49	30	5
16 years or more	154	-	5	11	17	31	30	44	16
Not stated	283	-	4	7	18	52	88	79	35
All other, male	1,179	11	43	83	123	274	335	225	85
0 - 8 years	361	-	-	7	18	76	119	100	41
9 - 11 years	162	1	6	18	15	52	34	31	5
12 years	373	6	21	34	53	92	109	41	17
13 - 15 years	95	4	9	9	14	19	26	13	1
16 years or more	81	-	3	9	13	18	12	18	8
Not stated	107	-	4	6	10	17	35	22	13
All other, female	1,693	10	21	53	123	344	510	450	182
0 - 8 years	574	1	-	1	16	84	187	186	99
9 - 11 years	310	5	11	13	34	79	91	63	14
12 years	459	4	4	24	49	104	138	101	35
13 - 15 years	101	-	4	12	12	29	23	17	4
16 years or more	73	-	2	2	4	13	18	26	8
Not stated	176	-	-	1	8	35	53	57	22
Black, both sexes	2,350	19	57	126	209	518	689	517	215
0 - 8 years	736	1	-	6	27	129	244	217	112
9 - 11 years	401	6	17	30	42	112	98	78	18
12 years	705	8	22	56	88	170	209	111	41
13 - 15 years	166	4	13	19	22	42	39	23	4
16 years or more	109	-	2	9	14	21	25	25	13
Not stated	233	-	3	6	16	44	74	63	27
Black, male	939	10	38	76	105	228	267	156	59
0 - 8 years	282	-	-	5	15	66	92	73	31
9 - 11 years	137	1	6	17	13	45	27	24	4
12 years	306	5	18	32	44	79	89	28	11
13 - 15 years	77	4	9	9	12	14	19	9	1
16 years or more	54	-	2	8	12	11	10	6	5
Not stated	83	-	3	5	9	13	30	16	7
Black, female	1,411	9	19	50	104	290	422	361	156
0 - 8 years	454	1	-	1	12	63	152	144	81
9 - 11 years	264	5	11	13	29	67	71	54	14
12 years	399	3	4	24	44	91	120	83	30
13 - 15 years	89	-	4	10	10	28	20	14	3
16 years or more	55	-	-	1	2	10	15	19	8
Not stated	150	-	-	1	7	31	44	47	20

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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	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	289,410	346	1,296	4,388	11,514	30,243	63,664	93,259	84,700
0 - 8 years	82,890	24	85	326	1,263	5,270	13,956	28,391	33,575
9 - 11 years	32,432	122	188	603	1,755	4,558	8,399	10,473	6,334
12 years	94,979	118	578	1,810	4,688	11,553	24,379	29,689	22,164
13 - 15 years	30,994	50	248	845	1,782	3,737	7,151	9,306	7,875
16 years or more	27,918	15	141	581	1,431	3,327	5,893	9,058	7,432
Not stated	20,197	17	56	223	595	1,798	3,846	6,342	7,320
All races, male	146,917	226	881	3,291	8,645	21,142	39,678	46,285	26,769
0 - 8 years	39,455	16	59	240	947	3,646	6,676	14,535	11,336
9 - 11 years	17,825	74	136	443	1,282	3,110	5,192	5,486	2,102
12 years	46,596	80	382	1,338	3,361	7,628	14,261	13,487	6,059
13 - 15 years	16,244	36	164	632	1,392	2,705	4,717	4,485	2,113
16 years or more	17,143	9	104	474	1,203	2,754	4,438	5,277	2,884
Not stated	9,654	11	36	164	460	1,299	2,394	3,015	2,275
All races, female	142,493	120	415	1,097	2,869	9,101	23,986	46,974	57,931
0 - 8 years	43,435	8	26	86	316	1,624	5,280	13,856	22,239
9 - 11 years	14,607	48	52	160	473	1,448	3,207	4,987	4,232
12 years	48,383	38	196	472	1,327	3,825	10,118	16,202	16,105
13 - 15 years	14,750	14	84	213	390	1,032	2,434	4,821	5,762
16 years or more	10,775	6	37	107	228	573	1,495	3,781	4,548
Not stated	10,543	6	20	59	135	499	1,452	3,327	5,045
White, both sexes	261,207	249	936	3,299	9,084	25,388	56,516	85,880	79,855
0 - 8 years	73,042	19	73	247	913	4,050	11,497	25,126	31,117
9 - 11 years	28,290	88	119	403	1,278	3,620	7,280	9,578	5,924
12 years	87,410	79	426	1,335	3,741	10,041	22,370	28,079	21,339
13 - 15 years	28,918	39	168	658	1,489	3,294	6,668	8,968	7,634
16 years or more	26,283	14	114	498	1,228	2,994	5,548	8,678	7,209
Not stated	17,264	10	36	158	435	1,389	3,153	5,451	6,632
White, male	132,304	164	662	2,573	7,022	18,191	35,804	42,822	25,066
0 - 8 years	34,545	12	50	193	700	2,892	7,310	12,928	10,460
9 - 11 years	15,689	52	92	312	952	2,559	4,615	5,126	1,981
12 years	42,629	57	291	1,018	2,763	6,748	13,209	12,759	5,784
13 - 15 years	15,118	29	118	516	1,198	2,438	4,460	4,333	2,026
16 years or more	16,186	8	86	415	1,060	2,525	4,215	5,081	2,796
Not stated	8,137	6	25	119	349	1,029	1,995	2,595	2,019
White, female	128,903	85	274	726	2,062	7,197	20,712	43,058	54,789
0 - 8 years	38,497	7	23	54	213	1,158	4,187	12,198	20,657
9 - 11 years	12,501	36	27	91	326	1,061	2,665	4,452	3,943
12 years	44,781	22	135	317	978	3,293	9,161	15,320	15,555
13 - 15 years	13,800	10	50	142	291	856	2,208	4,635	5,608
16 years or more	10,097	6	28	83	168	489	1,333	3,597	4,413
Not stated	9,127	4	11	39	86	360	1,158	2,856	4,613
All other, both sexes	28,203	97	360	1,089	2,430	4,855	7,148	7,379	4,845
0 - 8 years	9,848	5	12	79	350	1,220	2,459	3,255	2,458
9 - 11 years	4,142	34	69	200	477	938	1,119	895	410
12 years	7,569	39	152	475	947	1,512	2,009	1,610	825
13 - 15 years	2,076	11	80	187	293	443	483	338	241
16 years or more	1,635	1	27	83	203	333	385	380	223
Not stated	2,933	7	20	65	160	409	693	891	688
All other, male	14,613	62	219	718	1,623	2,951	3,874	3,463	1,703
0 - 8 years	4,910	4	9	47	247	754	1,366	1,607	876
9 - 11 years	2,136	22	44	131	330	551	577	360	121
12 years	3,967	23	91	320	598	880	1,052	728	275
13 - 15 years	1,126	7	46	116	194	267	257	152	87
16 years or more	957	1	18	59	143	229	223	196	88
Not stated	1,517	5	11	45	111	270	399	420	256
All other, female	13,590	35	141	371	807	1,904	3,274	3,916	3,142
0 - 8 years	4,938	1	3	32	103	466	1,093	1,658	1,582
9 - 11 years	2,006	12	25	69	147	387	542	535	289
12 years	3,602	16	61	155	349	632	957	882	550
13 - 15 years	950	4	34	71	99	176	226	186	154
16 years or more	678	-	9	24	60	104	162	184	135
Not stated	1,416	2	9	20	49	139	294	471	432
Black, both sexes	23,144	85	322	963	2,085	4,122	5,961	5,893	3,713
0 - 8 years	8,166	4	9	70	307	1,067	2,121	2,653	1,935
9 - 11 years	3,643	28	68	188	431	839	976	780	333
12 years	6,177	37	137	425	833	1,281	1,621	1,242	601
13 - 15 years	1,661	8	70	165	235	362	378	262	181
16 years or more	1,088	1	20	59	138	202	260	236	152
Not stated	2,429	7	18	56	141	371	605	720	511
Black, male	11,606	53	197	620	1,375	2,467	3,162	2,548	1,184
0 - 8 years	4,077	4	6	41	220	673	1,193	1,269	671
9 - 11 years	1,840	17	43	124	298	492	489	293	84
12 years	3,112	22	81	279	525	726	813	497	169
13 - 15 years	847	4	41	99	149	207	194	101	52
16 years or more	502	1	16	38	85	121	126	81	34
Not stated	1,228	5	10	39	98	248	347	307	174
Black, female	11,538	32	125	343	710	1,655	2,799	3,345	2,529
0 - 8 years	4,089	-	3	29	87	394	928	1,384	1,264
9 - 11 years	1,803	11	25	64	133	347	487	487	249
12 years	3,065	15	56	146	308	555	808	745	432
13 - 15 years	814	4	29	66	86	155	184	161	129
16 years or more	566	-	4	21	53	81	134	155	118
Not stated	1,201	2	8	17	43	123	258	413	337

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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
Cerebrovascular diseases (430-438)									
All races, both sexes	60,386	88	349	917	1,782	4,129	10,595	21,094	21,432
0 - 8 years	17,963	8	29	64	225	737	2,427	6,471	8,007
9 - 11 years	6,254	21	47	118	270	585	1,303	2,274	1,636
12 years	19,280	35	164	398	735	1,599	4,047	6,646	5,656
13 - 15 years	6,623	18	82	176	263	474	1,177	2,219	2,234
16 years or more	5,971	3	31	114	200	450	1,003	2,130	2,040
Not stated	4,290	3	16	47	89	284	638	1,354	1,859
All races, male	23,985	37	167	494	956	2,237	5,356	8,844	5,894
0 - 8 years	7,182	3	19	33	123	449	1,209	2,906	2,440
9 - 11 years	2,746	11	25	66	160	319	687	1,004	474
12 years	7,130	16	74	221	365	783	1,892	2,482	1,297
13 - 15 years	2,469	5	28	81	142	243	611	889	470
16 years or more	2,864	1	13	62	118	285	627	1,029	729
Not stated	1,594	1	8	31	48	158	330	534	484
All races, female	36,401	51	182	423	826	1,892	5,239	12,250	15,538
0 - 8 years	10,786	5	10	31	102	288	1,218	3,565	5,567
9 - 11 years	3,508	10	22	52	110	266	616	1,270	1,162
12 years	12,150	19	90	177	370	816	2,155	4,164	4,359
13 - 15 years	4,154	13	34	95	121	231	566	1,330	1,764
16 years or more	3,107	2	18	52	82	165	376	1,101	1,311
Not stated	2,696	2	8	16	41	126	308	820	1,375
White, both sexes	53,578	65	233	596	1,219	3,171	9,001	19,103	20,190
0 - 8 years	15,487	6	22	40	152	494	1,830	5,538	7,405
9 - 11 years	5,279	15	28	64	157	399	1,071	2,029	1,516
12 years	17,516	29	111	261	516	1,302	3,623	6,251	5,423
13 - 15 years	6,169	14	42	117	198	402	1,079	2,129	2,187
16 years or more	5,534	-	18	85	144	371	921	2,024	1,971
Not stated	3,594	1	12	29	52	203	477	1,132	1,688
White, male	20,984	31	116	318	653	1,742	4,591	8,018	5,515
0 - 8 years	6,108	2	14	18	81	304	924	2,515	2,250
9 - 11 years	2,314	9	15	36	94	230	582	903	445
12 years	6,368	15	51	143	253	650	1,699	2,329	1,228
13 - 15 years	2,258	4	21	55	104	209	554	850	461
16 years or more	2,644	-	10	46	91	235	583	979	700
Not stated	1,292	1	5	20	30	114	249	442	431
White, female	32,594	34	117	278	566	1,429	4,410	11,085	14,675
0 - 8 years	9,379	4	8	22	71	190	906	3,023	5,155
9 - 11 years	2,965	6	13	28	63	169	489	1,126	1,071
12 years	11,148	14	60	118	263	652	1,924	3,922	4,195
13 - 15 years	3,910	10	21	62	94	193	525	1,279	1,726
16 years or more	2,690	-	8	39	53	136	338	1,045	1,271
Not stated	2,302	-	7	9	22	89	228	690	1,257
All other, both sexes	6,808	23	116	321	563	958	1,594	1,991	1,242
0 - 8 years	2,481	2	7	24	73	243	597	933	602
9 - 11 years	975	6	19	54	113	186	232	245	120
12 years	1,764	6	53	137	219	297	424	395	233
13 - 15 years	455	4	20	59	65	72	98	90	47
16 years or more	437	3	13	29	56	79	82	106	69
Not stated	696	2	4	18	37	81	161	222	171
All other, male	3,001	6	51	176	303	495	765	826	379
0 - 8 years	1,074	1	5	15	42	145	285	391	190
9 - 11 years	432	2	10	30	66	89	105	101	29
12 years	762	1	23	78	112	133	193	153	69
13 - 15 years	211	1	7	26	38	34	57	39	9
16 years or more	220	1	3	16	27	50	44	50	29
Not stated	302	-	3	11	18	44	81	92	53
All other, female	3,807	17	65	145	260	463	829	1,165	863
0 - 8 years	1,407	1	2	9	31	98	312	542	412
9 - 11 years	543	4	9	24	47	97	127	144	91
12 years	1,002	5	30	59	107	164	231	242	164
13 - 15 years	244	3	13	33	27	38	41	51	38
16 years or more	217	2	10	13	29	29	38	56	40
Not stated	394	2	1	7	19	37	80	130	118
Black, both sexes	5,347	20	104	279	458	767	1,292	1,541	886
0 - 8 years	1,971	2	7	20	64	206	494	742	436
9 - 11 years	832	5	18	51	100	165	202	206	85
12 years	1,386	6	47	123	186	238	327	298	161
13 - 15 years	339	2	18	48	46	58	76	60	31
16 years or more	264	3	11	19	35	38	56	60	42
Not stated	555	2	3	18	27	62	137	175	131
Black, male	2,263	4	43	151	251	407	600	576	231
0 - 8 years	840	1	5	12	39	133	238	290	122
9 - 11 years	356	1	9	30	57	81	86	77	15
12 years	570	1	19	69	95	109	142	98	37
13 - 15 years	140	-	5	18	27	25	42	19	4
16 years or more	103	1	3	11	17	21	24	16	10
Not stated	254	-	2	11	16	38	68	76	43
Black, female	3,084	16	61	128	207	360	692	965	655
0 - 8 years	1,131	1	2	8	25	73	256	452	314
9 - 11 years	476	4	9	21	43	84	116	129	70
12 years	816	5	28	54	91	129	185	200	124
13 - 15 years	199	2	13	30	19	33	34	41	27
16 years or more	161	2	8	8	18	17	32	44	32
Not stated	301	2	1	7	11	24	69	99	88

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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	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	32,232	108	312	515	671	1,576	4,300	10,128	14,622
0 - 8 years	10,137	24	38	52	90	311	929	3,029	5,664
9 - 11 years	3,256	24	55	94	103	254	535	1,110	1,081
12 years	9,719	33	128	204	262	564	1,631	3,206	3,691
13 - 15 years	3,338	16	41	73	96	184	506	1,024	1,398
16 years or more	2,937	3	23	46	60	146	360	957	1,342
Not stated	2,845	8	27	46	60	117	339	802	1,446
All races, male	14,739	50	178	324	425	998	2,595	5,085	5,084
0 - 8 years	4,688	15	23	33	52	217	577	1,650	2,121
9 - 11 years	1,707	12	34	64	71	170	331	593	432
12 years	4,126	14	69	120	164	331	918	1,423	1,087
13 - 15 years	1,390	5	19	48	54	99	310	481	374
16 years or more	1,526	-	15	29	44	91	240	552	555
Not stated	1,302	4	18	30	40	90	219	386	515
All races, female	17,493	58	134	191	246	578	1,705	5,043	9,538
0 - 8 years	5,449	9	15	19	38	94	352	1,379	3,543
9 - 11 years	1,549	12	21	30	32	84	204	517	649
12 years	5,593	19	59	84	98	233	713	1,783	2,604
13 - 15 years	1,848	11	22	25	42	85	196	543	1,024
16 years or more	1,411	3	8	17	16	55	120	405	787
Not stated	1,543	4	9	16	20	27	120	416	931
White, both sexes	29,256	74	208	320	482	1,268	3,768	9,311	13,825
0 - 8 years	9,106	20	33	41	68	226	745	2,682	5,291
9 - 11 years	2,803	16	26	47	64	195	445	1,010	1,000
12 years	8,959	16	86	122	181	471	1,493	3,034	3,556
13 - 15 years	3,143	12	25	48	78	157	478	984	1,361
16 years or more	2,796	2	18	36	51	133	337	919	1,300
Not stated	2,449	8	20	26	40	86	270	682	1,317
White, male	13,106	32	124	197	292	794	2,263	4,644	4,760
0 - 8 years	4,158	12	22	22	37	163	460	1,462	1,980
9 - 11 years	1,437	8	13	28	44	130	275	536	403
12 years	3,700	4	48	74	108	269	830	1,337	1,030
13 - 15 years	1,294	4	14	32	43	81	295	463	362
16 years or more	1,439	-	13	22	35	85	225	528	531
Not stated	1,078	4	14	19	25	66	178	318	454
White, female	16,150	42	84	123	190	474	1,505	4,667	9,065
0 - 8 years	4,948	8	11	19	31	63	285	1,220	3,311
9 - 11 years	1,366	8	13	19	20	65	170	474	597
12 years	5,259	12	38	48	73	202	663	1,697	2,526
13 - 15 years	1,849	8	11	16	35	76	183	521	999
16 years or more	1,357	2	5	14	16	48	112	391	769
Not stated	1,371	4	6	7	15	20	92	364	863
All other, both sexes	2,976	34	104	195	189	308	532	817	797
0 - 8 years	1,031	4	5	11	22	85	184	347	373
9 - 11 years	453	8	29	47	39	59	90	100	81
12 years	760	17	42	82	81	138	138	172	135
13 - 15 years	195	4	16	25	18	27	28	40	37
16 years or more	141	1	5	10	9	13	23	38	42
Not stated	396	-	7	20	20	31	69	120	129
All other, male	1,633	18	54	127	133	204	332	441	324
0 - 8 years	530	3	1	11	15	54	117	188	141
9 - 11 years	270	4	21	36	27	40	56	57	29
12 years	426	10	21	46	56	62	88	86	57
13 - 15 years	96	1	5	16	11	18	15	18	12
16 years or more	87	-	2	7	9	6	15	24	24
Not stated	224	-	4	11	15	24	41	68	61
All other, female	1,343	16	50	68	56	104	200	376	473
0 - 8 years	501	1	4	-	7	31	67	159	232
9 - 11 years	183	4	8	11	12	19	34	43	52
12 years	334	7	21	36	25	31	50	86	78
13 - 15 years	99	3	11	9	7	9	13	22	25
16 years or more	54	1	3	3	-	7	8	14	18
Not stated	172	-	3	9	5	7	28	52	68
Black, both sexes	2,228	28	97	176	162	250	421	581	513
0 - 8 years	735	3	5	10	18	72	147	250	230
9 - 11 years	369	7	27	41	35	49	78	78	54
12 years	592	15	41	78	71	74	100	120	93
13 - 15 years	145	2	13	21	15	20	21	26	27
16 years or more	91	1	4	9	5	9	17	21	25
Not stated	296	-	7	17	18	26	58	86	84
Black, male	1,209	15	51	113	116	174	268	290	182
0 - 8 years	391	3	1	10	13	52	97	136	79
9 - 11 years	218	3	19	32	25	34	50	40	15
12 years	326	9	21	43	51	52	64	51	35
13 - 15 years	66	-	5	12	8	13	11	8	9
16 years or more	48	-	1	7	5	4	10	9	12
Not stated	160	-	4	9	14	19	36	46	32
Black, female	1,019	13	46	63	46	76	153	291	331
0 - 8 years	344	-	4	-	5	20	50	114	151
9 - 11 years	151	4	8	9	10	15	28	38	39
12 years	266	6	20	35	20	22	36	69	58
13 - 15 years	79	2	8	9	7	7	10	18	18
16 years or more	43	1	3	2	-	5	7	12	13
Not stated	136	-	3	8	4	7	22	40	52

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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 †	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	36,511	67	129	264	926	4,469	11,594	13,584	5,478
0 - 8 years	9,548	7	10	19	139	843	2,553	3,827	2,150
9 - 11 years	4,766	23	17	50	195	763	1,631	1,627	480
12 years	12,788	19	58	109	365	1,773	4,524	4,553	1,387
13 - 15 years	3,897	15	18	42	107	506	1,280	1,438	491
16 years or more	2,995	-	8	28	56	320	883	1,199	491
Not stated	2,517	3	8	16	64	264	723	940	499
All races, male	20,821	33	66	134	480	2,529	6,689	7,902	2,988
0 - 8 years	6,335	1	6	10	83	545	1,720	2,631	1,339
9 - 11 years	2,859	16	11	29	109	425	987	1,009	273
12 years	6,465	7	27	51	160	804	2,334	2,338	654
13 - 15 years	1,961	7	7	21	60	270	676	703	217
16 years or more	1,703	-	10	13	32	205	519	676	246
Not stated	1,498	2	5	10	36	190	453	545	257
All races, female	15,690	34	63	130	446	1,940	4,905	5,682	2,490
0 - 8 years	3,213	6	4	9	56	298	833	1,196	811
9 - 11 years	1,907	7	6	21	86	338	644	618	187
12 years	6,323	12	31	58	205	879	2,190	2,215	733
13 - 15 years	1,936	8	11	21	47	236	604	725	274
16 years or more	1,292	-	8	15	24	115	364	523	243
Not stated	1,019	1	3	6	28	74	270	395	242
White, both sexes	34,091	42	83	168	766	4,039	10,848	12,928	5,217
0 - 8 years	8,707	3	10	13	115	739	2,285	3,523	2,019
9 - 11 years	4,418	17	9	30	156	686	1,539	1,543	438
12 years	12,134	14	33	69	313	1,640	4,329	4,415	1,300
13 - 15 years	3,707	7	13	28	86	465	1,219	1,408	481
16 years or more	2,862	-	16	20	45	288	842	1,171	480
Not stated	2,263	1	3	8	51	221	643	868	468
White, male	19,286	20	40	82	382	2,276	6,194	7,465	2,827
0 - 8 years	5,770	1	6	7	65	462	1,530	2,417	1,262
9 - 11 years	2,648	13	6	15	83	377	932	961	261
12 years	6,083	3	14	29	133	828	2,210	2,249	617
13 - 15 years	1,851	2	4	16	45	244	642	688	210
16 years or more	1,623	-	9	10	27	190	492	655	240
Not stated	1,311	1	1	5	29	155	388	495	237
White, female	14,805	22	43	86	384	1,763	4,654	5,463	2,390
0 - 8 years	2,937	2	4	6	50	257	755	1,108	757
9 - 11 years	1,770	4	2	15	73	303	607	532	178
12 years	6,051	11	19	40	180	812	2,110	2,165	713
13 - 15 years	1,856	5	9	12	41	221	577	720	271
16 years or more	1,239	-	7	10	18	98	350	516	240
Not stated	952	-	2	3	22	66	255	373	231
All other, both sexes	2,420	25	46	96	160	430	746	658	261
0 - 8 years	841	4	-	6	24	104	268	304	131
9 - 11 years	348	6	9	20	39	77	92	84	21
12 years	654	5	25	40	52	133	204	138	57
13 - 15 years	190	8	5	14	21	41	61	30	10
16 years or more	133	-	2	8	11	32	41	28	11
Not stated	254	2	5	8	13	43	80	72	31
All other, male	1,535	13	26	52	98	253	495	437	161
0 - 8 years	565	-	-	3	18	63	190	214	77
9 - 11 years	211	3	5	14	26	48	55	48	12
12 years	382	4	13	22	27	66	124	89	37
13 - 15 years	110	5	3	5	15	26	34	15	7
16 years or more	80	-	1	3	5	15	27	21	8
Not stated	187	1	4	5	7	35	65	50	20
All other, female	885	12	20	44	62	177	251	219	100
0 - 8 years	276	4	-	3	6	41	78	90	54
9 - 11 years	137	3	4	6	13	29	37	36	9
12 years	272	1	12	18	25	67	80	49	20
13 - 15 years	80	3	2	9	6	15	27	15	3
16 years or more	53	-	1	5	6	17	14	7	3
Not stated	67	1	1	3	6	8	15	22	11
Black, both sexes	1,884	22	42	86	138	350	589	474	183
0 - 8 years	656	4	-	5	17	81	214	234	101
9 - 11 years	300	5	9	19	35	68	82	66	16
12 years	515	5	23	35	47	113	165	88	39
13 - 15 years	144	6	5	14	17	31	44	22	5
16 years or more	77	-	1	6	10	21	24	11	4
Not stated	192	2	4	7	12	36	60	53	18
Black, male	1,174	11	24	45	85	206	391	306	106
0 - 8 years	451	-	-	3	13	52	156	167	60
9 - 11 years	182	3	5	13	24	45	49	35	8
12 years	283	4	13	18	24	50	101	50	23
13 - 15 years	79	3	3	5	12	21	22	10	3
16 years or more	39	-	-	2	5	9	14	7	2
Not stated	140	1	3	4	7	29	49	37	10
Black, female	710	11	18	41	53	144	198	168	77
0 - 8 years	205	4	-	2	4	29	58	67	41
9 - 11 years	118	2	4	6	11	23	31	31	8
12 years	232	1	10	17	23	63	64	38	16
13 - 15 years	65	3	2	9	5	10	22	12	2
16 years or more	38	-	1	4	5	12	10	4	2
Not stated	52	1	1	3	5	7	11	16	8

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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	36,197	7,034	7,171	5,248	3,099	3,056	3,526	3,980	3,083
0 - 8 years	5,460	451	450	391	351	571	776	1,215	1,255
9 - 11 years	6,348	2,414	1,304	756	457	378	419	389	232
12 years	13,592	2,769	3,222	2,086	1,201	1,087	1,294	1,216	717
13 - 15 years	5,094	1,017	1,165	1,025	431	368	392	411	285
16 years or more	3,446	170	620	678	432	388	369	447	343
Not stated	2,257	213	410	312	227	264	277	303	251
All races, male	24,806	5,307	5,591	3,994	2,279	2,147	2,125	2,086	1,277
0 - 8 years	3,597	372	382	309	273	433	527	724	577
9 - 11 years	4,642	1,807	1,051	585	356	272	249	218	104
12 years	9,332	2,139	2,534	1,598	861	705	704	540	251
13 - 15 years	3,345	697	855	773	289	235	220	184	92
16 years or more	2,279	110	441	484	313	286	240	248	157
Not stated	1,611	182	328	245	187	216	185	172	96
All races, female	11,391	1,727	1,580	1,254	820	909	1,401	1,894	1,806
0 - 8 years	1,863	79	68	82	78	138	249	491	678
9 - 11 years	1,706	607	253	171	101	106	170	170	128
12 years	4,260	630	688	488	340	382	590	676	466
13 - 15 years	1,749	320	310	252	142	133	172	227	193
16 years or more	1,167	60	179	194	119	102	128	199	186
Not stated	646	31	82	67	40	48	92	131	155
White, both sexes	31,174	6,066	6,031	4,306	2,545	2,573	3,098	3,661	2,894
0 - 8 years	4,667	403	390	307	275	430	627	1,070	1,165
9 - 11 years	5,335	2,100	1,087	591	339	306	347	350	215
12 years	11,788	2,385	2,701	1,719	1,002	956	1,175	1,159	691
13 - 15 years	4,421	857	974	853	377	318	374	397	271
16 years or more	3,102	139	535	598	374	353	339	428	338
Not stated	1,861	182	344	238	178	210	236	257	216
White, male	21,182	4,557	4,745	3,295	1,852	1,803	1,843	1,897	1,190
0 - 8 years	3,038	336	335	247	209	324	423	631	533
9 - 11 years	3,882	1,557	885	456	260	221	205	189	99
12 years	7,999	1,837	2,135	1,324	711	616	626	511	239
13 - 15 years	2,883	576	726	654	252	204	209	173	89
16 years or more	2,052	93	379	429	273	266	222	237	153
Not stated	1,328	158	285	185	147	172	158	146	77
White, female	9,992	1,509	1,286	1,011	693	770	1,255	1,764	1,704
0 - 8 years	1,629	67	55	60	66	106	204	439	632
9 - 11 years	1,453	543	202	135	79	85	142	151	116
12 years	3,789	548	566	395	291	340	549	648	452
13 - 15 years	1,538	281	248	199	125	114	165	224	182
16 years or more	1,050	46	156	169	101	87	117	191	183
Not stated	533	24	59	53	31	38	78	111	139
All other, both sexes	5,023	968	1,140	942	554	483	428	319	189
0 - 8 years	793	48	60	84	76	141	149	145	90
9 - 11 years	1,013	314	217	165	118	72	72	38	17
12 years	1,804	384	521	367	199	131	119	57	26
13 - 15 years	673	160	191	172	54	50	18	14	14
16 years or more	344	31	85	80	58	35	29	19	7
Not stated	396	31	66	74	49	54	41	46	35
All other, male	3,624	750	846	699	427	344	282	189	87
0 - 8 years	559	36	47	62	64	109	104	93	44
9 - 11 years	760	250	166	129	96	51	44	19	5
12 years	1,333	302	399	274	150	89	78	29	12
13 - 15 years	462	121	129	119	37	31	11	11	3
16 years or more	227	17	62	55	40	20	18	11	4
Not stated	283	24	43	60	40	44	27	26	19
All other, female	1,399	218	294	243	127	139	146	130	102
0 - 8 years	234	12	13	22	12	32	45	52	46
9 - 11 years	253	64	51	36	22	21	28	19	12
12 years	471	82	122	93	49	42	41	28	14
13 - 15 years	211	39	62	53	17	19	7	3	11
16 years or more	117	14	23	25	18	15	11	8	3
Not stated	113	7	23	14	9	10	14	20	16
Black, both sexes	3,751	652	864	726	416	394	343	227	129
0 - 8 years	587	20	40	60	53	114	114	104	62
9 - 11 years	780	206	182	132	92	62	63	30	13
12 years	1,422	290	401	303	162	113	99	39	15
13 - 15 years	478	100	144	126	40	38	14	7	9
16 years or more	191	13	50	44	29	21	18	11	5
Not stated	313	23	47	61	40	46	35	36	25
Black, male	2,795	518	632	552	329	283	231	133	57
0 - 8 years	412	14	32	49	46	90	81	68	32
9 - 11 years	588	169	136	105	79	43	37	15	4
12 years	1,062	232	303	229	123	78	71	21	5
13 - 15 years	322	76	97	85	27	22	9	4	2
16 years or more	123	9	35	32	19	11	11	4	3
Not stated	228	18	29	52	35	39	23	21	11
Black, female	1,016	134	232	174	87	111	112	94	72
0 - 8 years	155	6	8	11	7	24	33	36	30
9 - 11 years	192	37	46	27	13	19	26	15	9
12 years	360	58	98	74	39	35	28	18	10
13 - 15 years	156	24	47	41	13	16	5	3	7
16 years or more	68	4	15	12	10	10	8	7	2
Not stated	85	5	18	9	5	7	12	15	14

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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	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									
0 - 8 years	18,850	5,471	4,455	2,758	1,619	1,397	1,508	1,238	404
9 - 11 years	2,074	316	271	220	180	265	284	389	149
12 years	3,679	1,864	736	363	236	162	177	109	32
13 - 15 years	7,596	2,214	2,068	1,097	657	501	577	385	97
16 years or more	2,847	795	752	560	228	171	181	124	36
Not stated	1,688	131	398	385	222	186	168	138	60
	966	151	230	133	96	112	121	93	30
All races, male									
0 - 8 years	13,137	3,995	3,370	1,971	1,114	934	829	675	249
9 - 11 years	1,540	265	225	176	134	204	187	245	104
12 years	2,634	1,334	588	255	174	106	99	60	18
13 - 15 years	5,263	1,670	1,580	785	431	305	277	171	44
16 years or more	1,869	518	531	402	147	98	89	59	25
Not stated	1,116	83	263	254	152	133	104	84	43
	715	125	183	99	76	88	73	56	15
All races, female									
0 - 8 years	5,713	1,476	1,085	787	505	463	679	563	155
9 - 11 years	534	51	46	44	46	61	97	144	45
12 years	1,045	530	148	108	62	56	78	49	14
13 - 15 years	2,333	544	488	312	226	196	300	214	53
16 years or more	976	277	221	158	81	73	92	65	11
Not stated	572	48	135	131	70	53	64	54	17
	251	26	47	34	20	24	48	37	15
White, both sexes									
0 - 8 years	16,392	4,803	3,803	2,329	1,381	1,199	1,354	1,146	377
9 - 11 years	1,790	291	243	178	148	204	236	353	137
12 years	3,205	1,667	636	302	191	132	144	101	32
13 - 15 years	6,632	1,929	1,755	933	568	456	540	359	92
16 years or more	2,455	675	472	201	149	172	172	118	33
Not stated	1,482	109	342	336	191	164	152	131	57
	828	132	192	108	82	94	110	84	26
White, male									
0 - 8 years	11,384	3,497	2,899	1,669	940	801	731	615	232
9 - 11 years	1,328	245	205	146	109	155	154	219	95
12 years	2,275	1,181	513	208	137	85	77	56	18
13 - 15 years	4,565	1,456	1,341	669	367	280	253	157	42
16 years or more	1,613	433	458	343	129	85	85	55	25
Not stated	984	71	223	223	133	121	94	79	40
	619	111	159	80	65	75	68	49	12
White, female									
0 - 8 years	5,008	1,306	904	660	441	398	623	531	145
9 - 11 years	462	46	38	32	39	49	82	134	42
12 years	930	486	123	94	54	47	67	45	14
13 - 15 years	2,067	473	414	264	201	176	287	202	50
16 years or more	842	242	177	129	72	64	87	63	8
Not stated	498	38	119	113	58	43	58	52	17
	209	21	33	28	17	19	42	35	14
All other, both sexes									
0 - 8 years	2,458	668	652	429	238	198	154	92	27
9 - 11 years	284	25	28	42	32	61	48	36	12
12 years	474	197	100	61	45	30	33	8	-
13 - 15 years	964	285	313	164	89	45	37	26	5
16 years or more	392	120	117	88	27	22	9	6	3
Not stated	206	22	56	49	31	22	16	7	3
	138	19	38	25	14	18	11	9	4
All other, male									
0 - 8 years	1,753	498	471	302	174	133	98	60	17
9 - 11 years	212	20	20	30	25	49	33	26	9
12 years	359	153	75	47	37	21	22	4	-
13 - 15 years	698	214	239	116	64	25	24	14	2
16 years or more	256	85	73	59	18	13	4	4	-
Not stated	132	12	40	31	19	12	10	5	3
	96	14	24	19	11	13	5	7	3
All other, female									
0 - 8 years	705	170	181	127	64	65	56	32	10
9 - 11 years	72	5	8	12	7	12	15	10	3
12 years	115	44	25	14	8	9	11	4	-
13 - 15 years	266	71	74	48	25	20	13	12	3
16 years or more	136	35	44	29	9	9	5	2	3
Not stated	74	10	16	18	12	10	6	2	-
	42	5	14	6	3	5	6	2	1
Black, both sexes									
0 - 8 years	1,676	434	462	292	165	142	107	58	16
9 - 11 years	168	6	16	24	19	40	31	23	9
12 years	333	122	81	42	33	23	27	5	-
13 - 15 years	707	204	226	123	71	37	28	16	2
16 years or more	273	79	86	62	20	17	5	3	1
Not stated	100	10	30	24	12	12	7	3	2
	95	13	23	17	10	13	9	8	2
Black, male									
0 - 8 years	1,225	334	327	217	125	100	73	38	11
9 - 11 years	140	6	12	22	15	35	25	18	7
12 years	256	99	58	34	30	16	17	2	-
13 - 15 years	516	153	170	87	51	23	21	10	1
16 years or more	182	59	54	43	14	9	2	1	-
Not stated	63	7	20	16	6	7	4	1	2
	68	10	13	15	9	10	4	6	1
Black, female									
0 - 8 years	451	100	135	75	40	42	34	20	5
9 - 11 years	28	-	4	2	4	5	6	5	2
12 years	77	23	23	8	3	7	10	3	-
13 - 15 years	191	51	56	36	20	14	7	6	1
16 years or more	91	20	32	19	6	8	3	2	1
Not stated	37	3	10	8	6	5	3	2	-
	27	3	10	2	1	3	5	2	1

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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	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	17,347	1,563	2,716	2,490	1,480	1,659	2,018	2,742	2,679
0 - 8 years	3,386	135	179	171	171	306	492	826	1,106
9 - 11 years	2,669	550	568	393	221	216	242	279	200
12 years	5,996	555	1,154	989	544	586	717	831	620
13 - 15 years	2,247	222	413	465	203	197	211	287	249
16 years or more	1,758	39	222	293	210	202	200	309	283
Not stated	1,291	62	180	179	131	152	156	210	221
All races, male	11,669	1,312	2,221	2,023	1,165	1,213	1,296	1,411	1,028
0 - 8 years	2,057	107	157	133	139	229	340	479	473
9 - 11 years	2,008	473	463	330	182	166	150	158	86
12 years	4,069	469	954	813	430	400	427	369	207
13 - 15 years	1,476	179	324	371	142	137	131	125	67
16 years or more	1,163	27	178	230	161	153	136	164	114
Not stated	896	57	145	146	111	128	112	116	81
All races, female	5,678	251	495	467	315	446	722	1,331	1,651
0 - 8 years	1,329	28	22	38	32	77	152	347	633
9 - 11 years	661	77	105	63	39	50	92	121	114
12 years	1,927	86	200	176	114	186	290	462	413
13 - 15 years	771	43	89	94	61	60	80	162	182
16 years or more	595	12	44	63	49	49	64	145	169
Not stated	395	5	35	33	20	24	44	94	140
White, both sexes	14,782	1,263	2,228	1,977	1,164	1,374	1,744	2,515	2,517
0 - 8 years	2,877	112	147	129	127	226	391	717	1,028
9 - 11 years	2,130	433	451	289	148	174	203	249	183
12 years	5,156	456	946	786	434	500	635	800	599
13 - 15 years	1,966	182	339	381	176	169	202	279	238
16 years or more	1,620	30	193	262	183	189	187	297	279
Not stated	1,033	50	152	130	96	116	126	173	190
White, male	9,798	1,060	1,846	1,626	912	1,002	1,112	1,282	959
0 - 8 years	1,710	91	130	101	100	169	269	412	439
9 - 11 years	1,607	376	372	248	123	136	128	143	81
12 years	3,434	381	794	655	344	336	373	354	197
13 - 15 years	1,270	143	268	311	123	119	124	118	64
16 years or more	1,068	22	156	206	140	145	128	158	113
Not stated	709	47	126	105	82	97	90	97	65
White, female	4,984	203	382	351	252	372	632	1,233	1,559
0 - 8 years	1,167	21	17	28	27	57	122	305	580
9 - 11 years	523	57	79	41	25	38	75	106	102
12 years	1,722	75	152	131	90	164	262	446	402
13 - 15 years	686	39	71	70	53	50	78	151	174
16 years or more	552	8	37	56	43	44	59	139	166
Not stated	324	3	26	25	14	19	36	76	125
All other, both sexes	2,565	300	488	513	316	285	274	227	162
0 - 8 years	509	23	32	42	44	80	101	109	78
9 - 11 years	539	117	117	104	73	42	39	30	17
12 years	840	99	208	203	110	86	62	31	21
13 - 15 years	281	40	74	84	27	28	9	8	11
16 years or more	139	9	29	31	27	13	13	12	4
Not stated	258	12	28	49	35	36	30	37	31
All other, male	1,871	252	375	397	253	211	184	129	70
0 - 8 years	347	16	27	32	39	60	71	67	35
9 - 11 years	401	97	91	82	59	30	22	15	5
12 years	625	88	160	158	86	64	54	15	10
13 - 15 years	206	36	56	60	19	7	7	3	3
16 years or more	95	5	22	24	21	8	8	6	1
Not stated	187	10	19	41	29	31	22	19	16
All other, female	694	48	113	116	63	74	90	98	92
0 - 8 years	162	7	5	10	5	20	30	42	43
9 - 11 years	138	20	26	22	14	12	17	15	12
12 years	205	11	48	45	24	22	28	16	11
13 - 15 years	75	4	18	24	8	10	2	1	8
16 years or more	43	4	7	7	6	5	5	6	3
Not stated	71	2	9	8	6	5	8	18	15
Black, both sexes	2,075	218	402	434	251	252	236	169	113
0 - 8 years	399	14	24	36	34	74	83	81	53
9 - 11 years	447	84	101	90	59	39	36	25	13
12 years	715	86	175	180	91	76	71	23	13
13 - 15 years	205	21	58	64	20	21	9	4	8
16 years or more	91	3	20	20	17	9	11	8	3
Not stated	218	10	24	44	30	33	26	28	23
Black, male	1,510	184	305	335	204	183	158	95	46
0 - 8 years	272	8	20	27	31	55	56	50	25
9 - 11 years	332	70	78	71	49	27	20	13	4
12 years	546	79	133	142	72	55	50	11	4
13 - 15 years	140	17	43	42	13	13	7	3	2
16 years or more	60	2	15	16	13	4	6	3	1
Not stated	160	8	16	37	26	29	19	15	10
Black, female	565	34	97	99	47	69	78	74	67
0 - 8 years	127	6	4	9	3	19	27	31	28
9 - 11 years	115	14	23	19	10	12	16	12	9
12 years	169	7	42	38	19	21	21	12	9
13 - 15 years	65	4	15	22	7	8	2	1	6
16 years or more	31	1	5	4	4	5	5	5	2
Not stated	58	2	8	7	4	4	7	13	13

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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	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	13,407	2,096	2,893	2,407	1,626	1,450	1,454	1,105	376
0 - 8 years	1,275	92	88	93	98	192	264	310	138
9 - 11 years	2,193	776	501	245	162	191	175	119	24
12 years	5,237	801	1,327	964	626	526	545	355	93
13 - 15 years	2,223	324	574	544	276	202	156	120	27
16 years or more	1,848	56	285	456	392	258	222	131	48
Not stated	631	47	118	105	72	81	92	70	46
All races, male	10,632	1,754	2,344	1,874	1,204	1,074	1,173	916	293
0 - 8 years	1,078	81	79	72	83	156	219	274	114
9 - 11 years	1,813	648	422	189	126	153	147	107	21
12 years	4,138	690	1,100	762	445	366	427	283	65
13 - 15 years	1,681	263	436	411	196	142	119	95	19
16 years or more	1,413	37	213	352	293	198	183	102	35
Not stated	509	35	94	88	61	59	78	55	39
All races, female	2,775	342	549	533	422	376	281	189	83
0 - 8 years	197	11	9	21	15	36	45	36	24
9 - 11 years	380	128	79	56	36	38	28	12	3
12 years	1,099	111	227	202	181	160	118	72	28
13 - 15 years	542	61	138	133	80	60	37	25	8
16 years or more	435	19	72	104	99	60	39	29	13
Not stated	122	12	24	17	11	22	14	15	7
White, both sexes	12,395	1,821	2,583	2,223	1,544	1,384	1,395	1,077	368
0 - 8 years	1,191	77	77	86	87	180	251	300	133
9 - 11 years	1,997	681	451	217	156	184	167	118	23
12 years	4,825	697	1,177	891	596	506	522	343	93
13 - 15 years	2,066	279	524	506	262	195	154	120	26
16 years or more	1,743	47	255	433	374	244	215	127	48
Not stated	573	40	99	90	69	75	86	69	45
White, male	9,856	1,531	2,092	1,741	1,153	1,029	1,124	898	288
0 - 8 years	1,020	67	70	67	76	149	208	271	112
9 - 11 years	1,661	572	382	172	123	147	139	106	20
12 years	3,811	604	974	706	429	353	408	272	65
13 - 15 years	1,561	228	395	383	188	136	118	95	18
16 years or more	1,341	31	193	338	279	189	176	100	35
Not stated	462	29	78	75	58	55	75	54	38
White, female	2,539	290	491	482	391	355	271	179	80
0 - 8 years	171	10	7	19	11	31	43	29	21
9 - 11 years	336	109	69	45	33	37	28	12	3
12 years	1,014	93	203	185	167	153	114	71	28
13 - 15 years	505	51	129	123	74	59	36	25	8
16 years or more	402	16	62	95	95	55	39	27	13
Not stated	111	11	21	15	20	20	11	15	7
All other, both sexes	1,012	275	310	184	82	66	59	28	8
0 - 8 years	84	15	11	7	11	12	13	10	5
9 - 11 years	196	95	50	28	6	7	8	1	1
12 years	412	104	150	73	30	20	23	12	-
13 - 15 years	157	45	50	38	14	7	2	-	1
16 years or more	105	9	30	23	18	14	7	4	-
Not stated	58	7	19	15	3	6	6	1	1
All other, male	776	223	252	133	51	45	49	18	5
0 - 8 years	58	14	9	5	7	7	11	3	2
9 - 11 years	152	76	40	17	3	6	8	1	1
12 years	327	86	126	56	16	13	19	11	-
13 - 15 years	120	35	41	28	8	6	1	-	1
16 years or more	72	6	20	14	14	9	7	2	-
Not stated	47	6	16	13	3	4	3	1	1
All other, female	236	52	58	51	31	21	10	10	3
0 - 8 years	26	1	2	2	4	5	2	7	3
9 - 11 years	44	19	10	11	3	1	-	-	-
12 years	85	18	24	17	14	7	4	1	-
13 - 15 years	37	10	9	10	6	1	1	-	-
16 years or more	33	3	10	9	4	5	-	2	-
Not stated	11	1	3	2	-	2	3	-	-
Black, both sexes	658	180	213	126	50	38	34	14	3
0 - 8 years	42	7	7	3	6	6	7	4	2
9 - 11 years	131	57	35	24	4	7	3	-	1
12 years	294	77	110	58	16	12	12	9	-
13 - 15 years	109	32	34	27	10	5	1	-	-
16 years or more	43	2	14	4	11	6	6	-	-
Not stated	39	5	13	10	3	2	5	1	-
Black, male	528	149	179	93	33	29	30	12	3
0 - 8 years	37	6	7	3	5	5	6	3	2
9 - 11 years	102	46	27	16	3	6	3	-	1
12 years	239	66	93	43	10	8	11	8	-
13 - 15 years	87	26	31	20	4	5	1	-	-
16 years or more	31	1	10	3	8	3	6	-	-
Not stated	32	4	11	8	3	2	3	1	-
Black, female	130	31	34	33	17	9	4	2	-
0 - 8 years	5	1	-	-	1	1	-	1	-
9 - 11 years	29	11	8	8	1	1	-	-	-
12 years	55	11	17	15	6	4	1	1	-
13 - 15 years	22	6	3	7	6	-	-	-	-
16 years or more	12	1	4	1	3	3	-	-	-
Not stated	7	1	2	2	-	-	2	-	-

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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	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	8,674	2,613	2,830	1,613	714	419	270	165	50
0 - 8 years	1,005	232	272	177	92	76	76	60	20
9 - 11 years	2,451	1,202	751	295	104	58	31	9	1
12 years	3,292	868	1,224	643	285	137	84	45	6
13 - 15 years	902	195	298	232	81	45	24	18	9
16 years or more	416	19	90	142	81	40	22	18	4
Not stated	608	97	195	124	71	63	33	15	10
All races, male	6,837	2,196	2,233	1,259	551	316	172	85	25
0 - 8 years	847	199	241	153	85	66	55	37	11
9 - 11 years	2,019	1,028	608	236	82	38	22	4	1
12 years	2,527	717	953	485	206	100	46	18	2
13 - 15 years	649	150	207	178	57	29	15	10	3
16 years or more	293	13	68	102	60	31	9	8	2
Not stated	502	89	156	105	61	52	25	8	6
All races, female	1,837	417	597	354	163	103	98	80	25
0 - 8 years	158	33	31	24	7	10	21	23	9
9 - 11 years	432	174	143	59	22	20	9	5	-
12 years	765	151	271	158	79	37	38	27	4
13 - 15 years	253	45	91	54	24	16	9	8	6
16 years or more	123	6	22	40	21	9	13	10	2
Not stated	106	8	39	19	10	11	8	7	4
White, both sexes	4,532	1,154	1,420	905	469	259	184	105	36
0 - 8 years	711	174	216	143	62	40	37	29	10
9 - 11 years	1,108	515	351	142	51	23	21	4	1
12 years	1,582	316	551	337	185	89	62	36	6
13 - 15 years	488	94	130	127	59	35	21	13	9
16 years or more	271	7	48	89	59	31	19	14	4
Not stated	372	48	124	67	53	41	24	9	6
White, male	3,436	940	1,101	684	352	190	104	46	19
0 - 8 years	610	154	198	124	57	33	23	15	6
9 - 11 years	876	426	271	108	40	15	14	1	1
12 years	1,126	248	409	240	125	58	29	15	2
13 - 15 years	333	65	84	96	43	22	14	6	3
16 years or more	180	3	35	61	41	25	7	6	2
Not stated	311	44	104	55	46	37	17	3	5
White, female	1,096	214	319	221	117	69	80	59	17
0 - 8 years	101	20	18	19	5	7	14	14	4
9 - 11 years	232	89	80	34	11	8	7	3	-
12 years	456	68	142	97	60	31	33	21	4
13 - 15 years	155	29	46	31	16	13	7	7	6
16 years or more	91	4	13	28	18	6	12	8	2
Not stated	61	4	20	12	7	4	7	6	1
All other, both sexes	4,142	1,459	1,410	708	245	160	86	60	14
0 - 8 years	294	58	56	34	30	36	39	31	10
9 - 11 years	1,343	687	400	153	53	35	10	5	-
12 years	1,710	552	673	306	100	48	22	9	-
13 - 15 years	414	101	168	105	22	10	3	5	-
16 years or more	145	12	42	53	22	9	3	4	-
Not stated	236	49	71	57	18	22	9	6	4
All other, male	3,401	1,256	1,132	575	199	126	68	39	6
0 - 8 years	237	45	43	29	28	33	32	22	5
9 - 11 years	1,143	602	337	128	42	23	8	3	-
12 years	1,401	469	544	245	81	42	17	3	-
13 - 15 years	316	85	123	82	14	7	1	4	-
16 years or more	113	10	33	41	19	6	2	2	-
Not stated	191	45	52	50	15	15	8	5	1
All other, female	741	203	278	133	46	34	18	21	8
0 - 8 years	57	13	13	5	2	3	7	9	5
9 - 11 years	200	85	63	25	11	12	2	2	-
12 years	309	83	129	61	19	6	5	6	-
13 - 15 years	98	16	45	23	8	3	2	1	-
16 years or more	32	9	12	3	3	3	1	2	-
Not stated	45	4	19	7	3	7	1	1	3
Black, both sexes	3,842	1,372	1,315	646	221	144	77	53	14
0 - 8 years	268	51	50	32	27	34	35	29	10
9 - 11 years	1,283	656	383	146	52	32	10	4	-
12 years	1,606	523	630	287	94	45	18	9	-
13 - 15 years	360	87	154	89	7	3	3	4	-
16 years or more	106	8	33	39	15	6	3	2	-
Not stated	219	47	65	53	17	20	8	5	4
Black, male	3,173	1,183	1,063	527	181	116	63	34	6
0 - 8 years	216	39	38	27	25	31	31	20	5
9 - 11 years	1,099	576	325	124	42	21	8	3	-
12 years	1,319	446	512	229	76	40	13	3	-
13 - 15 years	276	72	114	70	11	5	1	3	-
16 years or more	83	7	27	30	12	4	2	1	-
Not stated	180	43	47	47	15	15	8	4	1
Black, female	669	189	252	119	40	28	14	19	8
0 - 8 years	52	12	12	5	2	3	4	9	5
9 - 11 years	184	80	58	22	10	11	2	1	-
12 years	287	77	118	58	18	5	5	6	-
13 - 15 years	84	15	40	19	5	2	2	1	-
16 years or more	23	1	6	9	3	2	1	1	-
Not stated	39	4	18	6	2	5	-	1	3

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Table 1-46. Deaths from Selected Causes for Ages 15 Years and Over, by 10-Year Age Groups, Educational Attainment, Race, and Sex: Total of 21 Reporting States, 1989—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. For a listing of the reporting States; see Technical Appendix]

Cause of death, years of school completed, race, and sex	15 years and over †	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									
0 - 8 years	138,693	1,719	3,922	6,674	7,718	14,290	27,228	39,765	37,377
9 - 11 years	36,864	277	391	620	966	2,475	5,693	11,902	14,540
12 years	15,810	496	718	977	1,172	2,078	3,311	4,266	2,792
13 - 15 years	45,661	547	1,581	2,532	2,970	5,396	10,465	12,625	9,585
16 years or more	15,974	245	654	1,235	1,115	1,710	3,282	4,108	3,625
Not stated	13,906	34	335	602	902	1,593	2,708	4,076	3,456
	10,478	120	263	508	593	1,038	1,769	2,788	3,399
All races, male									
0 - 8 years	67,763	1,034	2,516	4,468	4,848	8,670	15,369	18,800	12,058
9 - 11 years	17,507	164	257	412	610	1,602	3,337	5,947	5,178
12 years	8,470	298	471	586	744	1,275	1,927	2,108	961
13 - 15 years	21,056	345	1,002	1,638	1,752	2,920	5,981	5,439	2,579
16 years or more	7,672	135	384	814	679	1,035	1,824	1,939	962
Not stated	7,871	24	206	556	644	1,124	1,823	2,174	1,320
	5,187	68	196	362	419	714	1,077	1,293	1,058
All races, female									
0 - 8 years	70,930	685	1,406	2,206	2,870	5,620	11,859	20,965	25,319
9 - 11 years	19,357	113	134	208	356	873	2,356	5,955	9,362
12 years	7,340	198	247	291	428	803	1,384	2,158	1,831
13 - 15 years	24,605	202	559	894	1,218	2,476	5,084	7,185	6,986
16 years or more	8,302	110	270	421	436	675	1,458	2,269	2,863
Not stated	6,035	10	129	246	258	469	885	1,902	2,136
	5,291	52	67	146	174	324	692	1,495	2,341
White, both sexes									
0 - 8 years	121,835	1,305	2,793	4,754	5,865	11,743	24,037	36,361	34,977
9 - 11 years	31,634	219	318	425	694	1,824	4,540	10,303	13,311
12 years	13,152	364	453	568	799	1,626	2,844	3,888	2,610
13 - 15 years	40,901	402	1,114	1,776	2,272	4,610	9,616	11,942	9,169
16 years or more	14,532	189	472	948	896	1,489	3,065	3,945	3,528
Not stated	12,954	31	253	674	786	1,416	2,559	3,909	3,336
	8,652	100	183	363	418	778	1,413	2,374	3,023
White, male									
0 - 8 years	58,859	814	1,869	3,214	3,723	7,204	13,603	17,239	11,193
9 - 11 years	14,879	132	212	297	441	1,196	2,685	5,191	4,725
12 years	7,037	233	327	406	511	1,034	1,671	1,953	902
13 - 15 years	18,499	268	733	1,147	1,343	2,512	4,928	5,125	2,443
16 years or more	6,911	107	293	635	559	911	1,705	1,769	932
Not stated	7,358	21	163	470	569	1,013	1,755	2,091	1,276
	4,175	53	141	259	300	538	859	1,110	915
White, female									
0 - 8 years	62,976	491	924	1,540	2,142	4,539	10,434	19,122	23,784
9 - 11 years	16,755	87	106	128	253	628	1,855	5,112	8,586
12 years	6,115	131	126	162	288	592	1,173	1,935	1,708
13 - 15 years	22,402	134	381	629	929	2,099	4,688	6,817	6,726
16 years or more	7,621	82	179	313	337	578	1,360	2,176	2,596
Not stated	5,606	10	90	204	217	403	804	1,818	2,080
	4,477	47	42	104	118	240	554	1,264	2,108
All other, both sexes									
0 - 8 years	16,858	414	1,129	1,920	1,853	2,547	3,191	3,404	2,400
9 - 11 years	5,230	58	73	195	272	651	1,153	1,599	1,229
12 years	2,658	132	265	409	373	452	467	378	182
13 - 15 years	4,760	145	447	756	698	766	849	683	396
16 years or more	1,442	56	182	287	219	217	217	163	97
Not stated	942	3	82	128	116	177	149	167	120
	1,826	20	80	145	175	260	356	414	376
All other, male									
0 - 8 years	8,904	220	647	1,254	1,125	1,466	1,766	1,561	865
9 - 11 years	2,628	32	45	115	169	406	652	756	453
12 years	1,433	65	144	280	233	241	256	155	59
13 - 15 years	2,557	77	269	491	409	408	453	314	136
16 years or more	761	28	91	179	120	124	119	70	30
Not stated	513	3	43	86	75	111	68	83	44
	1,012	15	55	103	119	176	218	183	143
All other, female									
0 - 8 years	7,954	194	482	666	728	1,081	1,425	1,843	1,535
9 - 11 years	2,602	26	28	80	103	245	501	843	776
12 years	1,225	67	121	129	140	211	211	223	123
13 - 15 years	2,203	68	178	265	289	378	396	369	280
16 years or more	681	28	91	108	99	97	98	93	67
Not stated	429	-	39	42	41	66	81	84	76
	814	5	25	42	56	84	138	231	233
Black, both sexes									
0 - 8 years	13,746	337	966	1,651	1,542	2,104	2,610	2,694	1,842
9 - 11 years	4,184	47	51	157	211	552	962	1,265	939
12 years	2,304	101	236	366	332	394	404	322	149
13 - 15 years	3,970	128	397	668	605	646	672	541	313
16 years or more	1,136	43	152	255	171	164	162	112	77
Not stated	647	3	59	95	74	115	106	107	88
	1,505	15	71	110	149	233	304	347	276
Black, male									
0 - 8 years	7,143	170	552	1,081	948	1,220	1,410	1,146	616
9 - 11 years	2,111	23	33	95	138	360	551	579	332
12 years	1,233	49	126	254	210	207	216	126	45
13 - 15 years	2,087	66	240	431	359	341	337	222	91
16 years or more	563	19	71	156	92	87	82	37	19
Not stated	305	3	32	62	44	61	39	37	27
	844	10	50	83	105	164	185	145	102
Black, female									
0 - 8 years	6,603	167	414	570	594	894	1,200	1,548	1,226
9 - 11 years	2,073	24	18	62	73	192	411	686	607
12 years	1,071	52	110	112	122	187	188	196	104
13 - 15 years	1,983	62	157	237	246	305	335	319	222
16 years or more	573	24	91	99	79	77	67	75	58
Not stated	342	-	27	33	30	54	67	70	81
	661	5	21	27	44	69	119	202	174

† Excludes figures for age not stated.

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Table 2-1. Infant and Neonatal Mortality Rates, by Race: Birth-Registration States or United States, 1915-89

[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 mother¹								
1989	9.8	8.1	16.3	18.6	6.2	5.1	10.3	11.9
Race of child²								
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	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	25.2	22.2	41.5	42.8	18.2	16.7	26.1	27.0
1962	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	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."

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Table 2-2. Infant Mortality Rates by Age, Race, and Sex: United States, 1989

[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	981.3	1,080.5	877.2	808.0	901.3	709.7	1,861.0	2,002.2	1,715.4
Under 28 days	622.8	679.3	563.5	514.6	566.3	460.2	1,191.6	1,283.8	1,096.5
Under 1 day	362.8	388.4	335.9	288.3	310.9	264.4	757.7	808.3	705.5
Under 1 hour	103.7	106.0	101.3	88.1	91.3	84.7	186.1	187.9	184.4
1-23 hours	259.1	282.4	234.6	200.2	219.6	179.7	571.5	620.4	521.1
1 day	59.2	65.7	52.4	49.7	54.2	45.0	109.2	124.4	93.5
2 days	33.9	40.6	26.8	29.4	35.5	23.0	58.1	67.9	48.0
3 days	21.5	21.9	21.2	19.7	20.6	18.7	31.6	29.6	33.8
4 days	15.7	17.6	13.6	15.0	16.9	13.1	20.1	23.1	16.9
5 days	11.2	13.7	8.6	10.8	13.4	8.0	14.4	16.1	12.7
6 days	10.2	11.3	9.1	9.0	10.0	7.9	15.9	17.3	14.5
7-13 days	52.6	57.7	47.2	46.1	51.7	40.2	83.8	87.8	79.7
14-20 days	32.2	35.7	28.5	27.1	30.5	23.5	58.4	63.2	53.4
21-27 days	23.4	26.6	20.0	19.5	22.6	16.3	42.5	46.2	38.6
28-59 days	88.6	97.9	78.8	71.4	80.6	61.7	170.7	178.8	162.3
2 months	74.8	87.5	61.5	62.2	73.7	50.0	133.9	152.2	115.0
3 months	53.9	62.7	44.6	45.0	54.2	35.3	95.8	105.1	86.3
4 months	38.9	45.4	32.0	31.3	37.4	24.8	75.8	84.3	67.0
5 months	26.6	28.2	24.9	22.2	24.4	19.8	46.9	45.4	48.6
6 months	20.1	21.7	18.4	16.3	18.1	14.3	38.2	41.3	35.0
7 months	15.4	15.9	14.8	12.3	12.9	11.6	30.5	29.8	31.1
8 months	12.1	12.5	11.6	9.5	9.9	9.1	24.2	24.9	23.5
9 months	10.7	11.2	10.1	8.6	9.1	8.2	21.1	21.4	20.8
10 months	8.6	8.5	8.8	7.4	7.1	7.7	15.7	17.0	14.5
11 months	9.0	9.7	8.3	7.3	7.6	6.9	16.6	18.4	14.8

¹ Includes races other than white and black.

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Table 2-3. Infant Mortality Rates by Age and Race: United States, 1981-89

[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	1989 ¹	1989 ²	1988 ²	1987 ²	1986 ²	1985 ²	1984 ²	1983 ²	1982 ²	1981 ²
ALL RACES										
Under 1 year	981.3	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
Under 28 days	622.8	622.8	631.5	646.5	671.1	696.1	700.2	728.4	769.9	802.4
Under 1 day	362.8	362.8	364.0	376.3	388.3	397.9	411.2	426.7	441.0	446.3
1 day	59.2	59.2	63.1	63.9	66.2	74.5	66.0	66.4	69.6	75.5
2 days	33.9	33.9	38.3	39.6	42.3	41.9	44.7	48.0	54.7	58.2
3 days	21.5	21.5	21.4	22.7	24.8	26.3	26.3	27.0	29.8	34.2
4 days	15.7	15.7	15.2	14.9	16.5	16.3	16.5	18.2	20.2	23.2
5 days	11.2	11.2	11.7	11.8	11.7	13.1	12.0	15.0	16.5	18.3
6 days	10.2	10.2	9.9	8.2	10.6	11.5	11.1	11.9	12.3	15.8
7-13 days	52.6	52.6	51.9	51.2	51.1	53.4	52.1	54.7	61.4	68.6
14-20 days	32.2	32.2	31.9	33.4	34.6	34.3	35.4	35.3	37.7	36.2
21-27 days	23.4	23.4	24.1	24.4	25.0	26.9	24.9	25.3	26.7	25.8
28-59 days	88.6	88.6	87.3	87.4	87.8	92.4	92.1	94.6	91.8	98.7
2 months	74.8	74.8	78.8	71.8	75.8	76.3	76.4	76.1	77.4	77.2
3 months	53.9	53.9	54.9	55.2	55.9	54.4	56.9	59.4	60.3	57.7
4 months	38.9	38.9	37.3	37.9	37.6	37.2	39.4	40.8	38.2	41.6
5 months	26.6	26.6	26.7	27.9	26.2	27.0	30.3	29.1	28.0	29.4
6 months	20.1	20.1	19.9	20.4	20.0	20.8	21.8	22.4	22.5	22.7
7 months	15.4	15.4	15.6	15.9	15.6	16.3	16.3	17.9	17.7	17.7
8 months	12.1	12.1	13.5	13.4	14.3	12.5	14.1	14.9	14.2	13.9
9 months	10.7	10.7	11.3	12.0	10.8	11.8	12.6	12.9	12.7	11.1
10 months	8.6	8.6	9.2	9.4	10.5	10.5	9.2	10.0	10.2	10.8
11 months	9.0	9.0	9.4	10.4	9.6	9.1	9.5	9.9	9.2	10.3
WHITE										
Under 1 year	808.0	823.6	851.1	862.5	894.3	931.5	944.3	974.5	1,008.1	1,047.8
Under 28 days	514.6	524.5	536.6	549.6	580.9	609.5	617.7	640.5	678.4	708.0
Under 1 day	288.3	293.8	296.8	308.4	325.0	337.6	350.6	366.0	380.3	387.2
1 day	49.7	50.7	54.5	55.0	57.8	66.8	59.8	59.5	61.9	66.3
2 days	29.4	30.0	34.4	35.1	37.6	38.5	41.6	44.1	49.9	52.9
3 days	19.7	20.1	20.0	21.5	22.8	24.0	24.7	24.8	27.4	32.7
4 days	15.0	15.3	14.1	14.3	15.4	15.3	15.2	17.3	18.6	21.4
5 days	10.8	11.0	11.5	10.7	11.1	11.8	11.1	14.0	15.4	17.9
6 days	9.0	9.2	8.9	7.7	10.0	10.6	10.2	10.7	11.3	13.9
7-13 days	46.1	47.0	47.8	46.9	47.5	49.7	51.0	50.6	56.6	62.4
14-20 days	27.1	27.7	28.4	29.4	31.3	31.9	31.8	32.1	34.0	31.6
21-27 days	19.5	19.9	20.3	20.7	22.4	23.3	21.7	21.5	23.0	22.4
28-59 days	71.4	72.8	75.4	75.3	73.9	78.4	79.5	80.0	77.4	83.9
2 months	62.2	63.4	68.6	62.5	64.8	68.2	65.6	65.6	66.9	67.9
3 months	45.0	45.9	48.4	48.7	48.8	49.0	50.2	51.9	52.3	50.7
4 months	31.3	31.9	31.7	32.6	33.4	32.9	33.6	35.9	32.5	35.3
5 months	22.2	22.6	21.7	23.4	21.8	23.2	24.9	24.1	23.7	25.0
6 months	16.3	16.6	17.4	17.8	17.1	18.0	18.6	18.6	19.2	20.3
7 months	12.3	12.5	13.9	13.4	13.5	14.4	14.8	15.8	16.3	15.7
8 months	9.5	9.7	11.4	11.1	12.2	10.5	12.5	12.9	12.9	12.4
9 months	8.6	8.8	10.2	10.5	9.5	10.3	10.4	11.7	11.0	9.7
10 months	7.4	7.5	7.8	8.4	9.6	8.8	7.9	8.8	9.6	9.4
11 months	7.3	7.4	8.0	9.3	8.7	8.2	8.7	9.0	8.0	9.6
ALL OTHER										
Under 1 year	1,633.4	1,524.9	1,504.0	1,542.2	1,568.1	1,581.7	1,605.6	1,677.7	1,725.4	1,780.1
Under 28 days	1,029.9	961.5	966.5	1,001.2	1,012.1	1,033.0	1,023.7	1,075.8	1,134.2	1,183.6
Under 1 day	643.3	600.6	601.3	625.2	627.3	632.2	648.8	666.5	682.6	685.0
1 day	95.1	88.8	93.2	96.6	97.7	104.4	90.4	93.5	100.3	112.7
2 days	50.7	47.3	52.1	55.9	60.0	54.9	56.9	63.4	73.9	81.6
3 days	28.5	26.6	26.4	26.9	32.4	32.6	32.6	35.8	39.7	40.1
4 days	18.1	16.9	18.9	17.1	20.7	19.9	21.6	22.1	26.5	30.5
5 days	13.0	12.1	12.7	15.7	13.9	18.2	15.3	18.9	20.7	22.9
6 days	15.0	14.0	13.4	10.3	13.1	15.1	14.8	16.7	16.1	23.7
7-13 days	77.2	72.1	66.4	67.1	64.9	68.1	56.5	70.6	80.4	93.7
14-20 days	51.3	47.9	44.2	48.4	47.3	43.8	49.5	47.9	52.1	54.4
21-27 days	37.8	35.3	37.8	38.1	34.7	41.2	37.4	40.3	41.7	39.4
28-59 days	153.1	142.9	129.4	131.6	140.6	146.6	141.8	152.6	149.1	158.5
2 months	122.2	114.1	114.8	105.9	117.4	107.8	118.8	117.6	119.2	115.0
3 months	87.2	81.4	77.6	78.7	82.8	75.7	82.9	89.0	92.4	85.8
4 months	67.3	62.8	56.9	57.3	53.4	54.1	62.0	61.5	61.1	66.6
5 months	43.1	40.3	44.2	44.7	42.9	41.7	51.6	49.0	45.2	47.0
6 months	34.6	32.3	28.5	30.1	30.8	31.6	34.5	37.4	35.6	31.2
7 months	27.0	25.2	21.5	25.2	22.4	23.5	23.1	25.9	25.3	25.5
8 months	21.8	20.4	20.7	21.8	22.4	20.3	20.5	22.7	19.4	19.8
9 months	18.3	17.1	15.4	17.6	15.4	17.7	20.9	17.6	19.6	16.9
10 months	13.4	12.5	14.0	13.3	13.7	17.0	14.2	15.0	12.7	16.5
11 months	15.4	14.4	14.5	14.7	13.2	12.6	12.6	13.6	13.7	13.5
BLACK										
Under 1 year	1,861.0	1,765.9	1,762.0	1,786.4	1,803.5	1,819.0	1,835.7	1,918.3	1,964.4	2,000.2
Under 28 days	1,191.6	1,130.7	1,145.1	1,172.1	1,174.6	1,206.9	1,181.3	1,241.8	1,306.7	1,344.0
Under 1 day	757.7	718.9	722.8	741.8	739.5	746.1	756.5	777.4	789.2	781.4
1 day	109.2	103.6	110.6	111.3	113.0	119.2	104.6	107.0	116.8	128.3
2 days	58.1	55.1	61.6	65.0	68.1	64.1	65.1	72.9	85.9	92.9
3 days	31.6	30.0	29.6	31.8	36.7	40.4	35.9	39.4	43.7	45.8
4 days	20.1	19.0	21.1	19.3	21.7	22.2	24.0	24.9	30.9	34.5
5 days	14.4	13.7	15.0	18.1	15.6	21.2	16.7	21.2	23.6	26.4
6 days	15.9	15.1	16.7	11.8	15.1	16.8	17.4	19.6	18.4	26.2
7-13 days	83.8	79.5	76.2	74.8	71.6	78.4	62.4	79.2	90.4	102.1
14-20 days	58.4	55.4	50.6	55.6	52.3	50.6	55.7	54.3	60.4	60.6
21-27 days	42.5	40.3	40.9	42.6	40.9	47.7	43.0	45.9	47.4	45.9
28-59 days	170.7	162.0	149.7	149.5	156.9	165.7	159.9	173.4	167.9	176.8
2 months	133.9	127.0	130.8	122.2	133.1	119.5	137.2	130.9	133.3	131.0
3 months	95.8	90.9	90.2	87.1	94.3	83.5	93.1	99.5	102.8	93.9
4 months	75.8	71.9	65.2	65.0	61.2	60.0	69.0	71.5	68.2	72.1
5 months	46.9	44.5	49.4	50.5	49.4	47.5	56.5	54.6	49.8	50.5
6 months	38.2	36.2	32.7	35.1	28.7	34.9	38.3	41.8	38.8	39.5
7 months	30.5	28.9	25.3	29.0	26.5	25.0	25.0	28.7	24.6	27.4
8 months	24.2	23.0	23.2	24.0	25.1	21.9	22.6	26.3	20.9	21.3
9 months	21.1	20.0	17.4	20.0	16.9	19.7	23.3	19.8	21.9	17.9
10 months	15.7	14.9	16.7	15.3	15.6	19.1	15.0	15.4	14.2	18.0
11 months	16.6	15.8	16.2	16.7	14.6	13.8	14.5	14.8	15.4	13.8

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.

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Table 2-4. Infant, Neonatal, and Postneonatal Deaths and Mortality Rates by Specified Race or National Origin and Sex: United States, 1989

[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	39,655	9.8	25,168	6.2	14,487	3.6
Male	22,361	10.8	14,059	6.8	8,302	4.0
Female	17,294	8.8	11,109	5.6	6,185	3.1
White	25,794	8.1	16,428	5.1	9,366	2.9
Male	14,760	9.0	9,273	5.7	5,487	3.4
Female	11,034	7.1	7,155	4.6	3,879	2.5
Black	12,527	18.6	8,021	11.9	4,506	6.7
Male	6,842	20.0	4,387	12.8	2,455	7.2
Female	5,685	17.2	3,634	11.0	2,051	6.2
American Indian ¹	491	12.4	215	5.4	276	7.0
Male	262	13.1	108	5.4	154	7.7
Female	229	11.8	107	5.5	122	6.3
Chinese	128	6.1	78	3.7	50	2.4
Male	69	6.4	43	4.0	26	2.4
Female	59	5.8	35	3.5	24	2.4
Japanese	40	4.6	24	2.8	16	*
Male	22	4.9	13	*	9	*
Female	18	*	11	*	7	*
Hawaiian	76	13.5	41	7.3	35	6.2
Male	50	17.2	26	9.0	24	8.3
Female	26	9.6	15	*	11	*
Filipino	130	5.3	84	3.4	46	1.9
Male	78	6.1	48	3.8	30	2.4
Female	52	4.4	36	3.0	16	*
Other Asian or Pacific Islander	455	6.2	269	3.7	186	2.5
Male	273	7.2	156	4.1	117	3.1
Female	182	5.1	113	3.2	69	1.9
Other	14	*	8	*	6	*
Male	5	*	5	*	-	*
Female	9	*	3	*	6	*

¹ Includes deaths among Aleuts and Eskimos.

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Table 2-5. Infant Deaths and Mortality Rates for 61 Selected Causes by Race: United States, 1989

[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	39,655	25,794	12,527	981.3	808.0	1,861.0
Certain intestinal infections (008-009)	92	38	49	2.3	1.2	7.3
Whooping cough (033)	9	7	2	*	*	*
Meningococcal infection (036)	58	43	12	1.4	1.3	*
Septicemia (038)	290	173	110	7.2	5.4	16.3
Viral diseases (045-079)	139	89	40	3.4	2.8	5.9
Congenital syphilis (090)	19	4	15	*	*	*
Remainder of infectious and parasitic diseases (001-007,010-032,034-035,037,039-041, *042,*044,080-088,091-139)	274	143	124	6.8	4.5	18.4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	107	92	15	2.6	2.9	*
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	56	39	15	1.4	1.2	*
Diseases of thymus gland (254)	6	5	-	*	*	*
Cystic fibrosis (277.0)	15	11	4	*	*	*
Diseases of blood and blood-forming organs (280-289)	90	48	33	2.2	1.5	4.9
Meningitis (320-322)	229	128	87	5.7	4.0	12.9
Other diseases of nervous system and sense organs (323-389)	492	363	109	12.2	11.4	16.2
Acute upper respiratory infections (460-465)	34	29	4	.8	.9	*
Bronchitis and bronchiolitis (466,490-491)	103	58	37	2.5	1.8	5.5
Pneumonia and influenza (480-487)	636	396	210	15.7	12.4	31.2
Pneumonia (480-486)	624	386	208	15.4	12.1	30.9
Influenza (487)	12	10	2	*	*	*
Remainder of diseases of respiratory system (470-478,492-519)	384	230	139	9.5	7.2	20.6
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	88	57	27	2.2	1.8	4.0
Gastritis,duodenitis, and noninfective enteritis and colitis (535,555-558)	100	48	51	2.5	1.5	7.6
Remainder of diseases of digestive system (520-534,536-543,562-579)	171	96	69	4.2	3.0	10.3
Congenital anomalies (740-759)	8,120	6,312	1,498	200.9	197.7	222.5
Anencephalus and similar anomalies (740)	460	387	56	11.4	12.1	8.3
Spina bifida (741)	73	63	7	1.8	2.0	*
Congenital hydrocephalus (742.3)	172	119	44	4.3	3.7	6.5
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	314	244	54	7.8	7.6	8.0
Congenital anomalies of musculoskeletal system (754-756)	2,559	1,983	479	63.3	62.1	71.2
Other congenital anomalies of circulatory system (747)	491	354	124	12.2	11.1	18.4
Congenital anomalies of respiratory system (748)	1,256	954	261	31.1	29.9	38.8
Congenital anomalies of digestive system (749-751)	111	82	26	2.7	2.6	3.9
Congenital anomalies of genitourinary system (752-753)	473	388	77	11.7	12.2	11.4
Congenital anomalies of musculoskeletal system (754-756)	543	431	92	13.4	13.5	13.7
Down's syndrome (758.0)	93	72	18	2.3	2.3	*
Other chromosomal anomalies (758.1-758.9)	897	713	135	22.2	22.3	20.1
All other and unspecified congenital anomalies (744,757,759)	678	522	125	16.8	16.4	18.6
Certain conditions originating in the perinatal period (760-779)	18,564	11,181	6,907	459.4	350.2	1,026.1
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	199	104	87	4.9	3.3	12.9
Newborn affected by maternal complications of pregnancy (761)	1,534	987	516	38.0	30.9	76.7
Newborn affected by complications of placenta, cord, and membranes (762)	984	672	288	24.4	21.1	42.8
Newborn affected by other complications of labor and delivery (763)	68	41	24	1.7	1.3	3.6
Slow fetal growth and fetal malnutrition (764)	30	22	7	.7	.7	*
Disorders relating to short gestation and unspecified low birthweight (765)	3,931	1,981	1,867	97.3	62.1	277.4
Disorders relating to long gestation and high birthweight (766)	1	1	-	*	*	*
Birth trauma (767)	222	147	70	5.5	4.6	10.4
Intrauterine hypoxia and birth asphyxia (768)	725	466	227	17.9	14.6	33.7
Fetal distress in liveborn infant (768.2-768.4)	193	131	50	4.8	4.1	7.4
Birth asphyxia (768.5-768.9)	532	335	177	13.2	10.5	26.3
Respiratory distress syndrome (769)	3,631	2,384	1,159	89.9	74.7	172.2
Other respiratory conditions of newborn (770)	3,344	2,013	1,238	82.8	63.1	183.9
Infections specific to the perinatal period (771)	892	571	300	22.1	17.9	44.6
Neonatal hemorrhage (772)	263	168	89	6.5	5.3	13.2
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	37	22	15	.9	.7	*
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	10	8	2	*	*	*
Hemorrhagic disease of newborn (776.0)	3	-	3	*	*	*
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,690	1,594	1,015	66.6	49.9	150.8
Symptoms, signs, and ill-defined conditions (780-799)	6,627	4,323	2,017	164.0	135.4	299.6
Sudden infant death syndrome (798.0)	5,634	3,773	1,617	139.4	118.2	240.2
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	993	550	400	24.6	17.2	59.4
Accidents and adverse effects (E800-E949)	996	614	335	24.6	19.2	49.8
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	162	99	57	4.0	3.1	8.5
Accidental mechanical suffocation (E913)	248	139	96	6.1	4.4	14.3
Other accidental causes and adverse effects (E800-E910,E914-E949)	586	376	182	14.5	11.8	27.0
Homicide (E960-E969)	335	178	142	8.3	5.6	21.1
Child battering and other maltreatment (E967)	122	67	49	3.0	2.1	7.3
Other homicide (E960-E966,E968-E969)	213	111	93	5.3	3.5	13.8
All other causes (Residual)	1,621	1,089	476	40.1	34.1	70.7

¹ Includes races other than white and black.

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Table 2-6. Mortality From 15 Leading Causes of Infant, Neonatal, and Postneonatal Death: United States, 1989

(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	39,655	981.3	100.0
1 Congenital anomalies (740-759)	8,120	200.9	20.5
2 Sudden infant death syndrome (798.0)	5,634	139.4	14.2
3 Disorders relating to short gestation and unspecified low birthweight (765)	3,931	97.3	9.9
4 Respiratory distress syndrome (769)	3,631	89.9	9.2
5 Newborn affected by maternal complications of pregnancy (761)	1,534	38.0	3.9
6 Accidents and adverse effects (E800-E949)	996	24.6	2.5
7 Newborn affected by complications of placenta, cord, and membranes (762)	984	24.4	2.5
8 Infections specific to the perinatal period (771)	892	22.1	2.2
9 Intrauterine hypoxia and birth asphyxia (768)	725	17.9	1.8
10 Pneumonia and influenza (480-487)	636	15.7	1.6
11 Homicide (E960-E969)	335	8.3	.8
12 Septicemia (038)	290	7.2	.7
13 Neonatal hemorrhage (772)	263	6.5	.7
14 Meningitis (320-322)	229	5.7	.6
15 Birth trauma (767)	222	5.5	.6
... All other causes (Residual)	11,233	278.0	28.3
White, all causes	25,794	808.0	100.0
1 Congenital anomalies (740-759)	6,312	197.7	24.5
2 Sudden infant death syndrome (798.0)	3,773	118.2	14.6
3 Respiratory distress syndrome (769)	2,384	74.7	9.2
4 Disorders relating to short gestation and unspecified low birthweight (765)	1,981	62.1	7.7
5 Newborn affected by maternal complications of pregnancy (761)	987	30.9	3.8
6 Newborn affected by complications of placenta, cord, and membranes (762)	672	21.1	2.6
7 Accidents and adverse effects (E800-E949)	614	19.2	2.4
8 Infections specific to the perinatal period (771)	571	17.9	2.2
9 Intrauterine hypoxia and birth asphyxia (768)	466	14.6	1.8
10 Pneumonia and influenza (480-487)	396	12.4	1.5
11 Homicide (E960-E969)	178	5.6	.7
12 Septicemia (038)	173	5.4	.7
13 Neonatal hemorrhage (772)	168	5.3	.7
14 Birth trauma (767)	147	4.6	.6
15 Meningitis (320-322)	128	4.0	.5
... All other causes (Residual)	6,844	214.4	26.5
Black, all causes	12,527	1,861.0	100.0
1 Disorders relating to short gestation and unspecified low birthweight (765)	1,867	277.4	14.9
2 Sudden infant death syndrome (798.0)	1,617	240.2	12.9
3 Congenital anomalies (740-759)	1,498	222.5	12.0
4 Respiratory distress syndrome (769)	1,159	172.2	9.3
5 Newborn affected by maternal complications of pregnancy (761)	516	76.7	4.1
6 Accidents and adverse effects (E800-E949)	335	49.8	2.7
7 Infections specific to the perinatal period (771)	300	44.6	2.4
8 Newborn affected by complications of placenta, cord, and membranes (762)	288	42.8	2.3
9 Intrauterine hypoxia and birth asphyxia (768)	227	33.7	1.8
10 Pneumonia and influenza (480-487)	210	31.2	1.7
11 Homicide (E960-E969)	142	21.1	1.1
12 Septicemia (038)	110	16.3	.9
13 Neonatal hemorrhage (772)	89	13.2	.7
14 Meningitis (320-322)	87	12.9	.7
14 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	87	12.9	.7
... All other causes (Residual)	3,995	593.5	31.9

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Table 2-6. Mortality From 15 Leading Causes of Infant, Neonatal, and Postneonatal Death: United States, 1989—Con.

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[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	25,168	622.8	100.0
1 Congenital anomalies (740-759)	5,902	146.1	23.5
2 Disorders relating to short gestation and unspecified low birthweight (765)	3,878	96.0	15.4
3 Respiratory distress syndrome (769)	3,386	83.8	13.5
4 Newborn affected by maternal complications of pregnancy (761)	1,520	37.6	6.0
5 Newborn affected by complications of placenta, cord, and membranes (762)	973	24.1	3.9
6 Infections specific to the perinatal period (771)	833	20.6	3.3
7 Intrauterine hypoxia and birth asphyxia (768)	653	16.2	2.6
8 Sudden infant death syndrome (798.0)	398	9.8	1.6
9 Neonatal hemorrhage (772)	262	6.5	1.0
10 Birth trauma (767)	215	5.3	.9
11 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	174	4.3	.7
12 Pneumonia and influenza (480-487)	100	2.5	.4
13 Accidents and adverse effects (E800-E949)	96	2.4	.4
14 Homicide (E960-E969)	69	1.7	.3
15 Newborn affected by other complications of labor and delivery (763)	66	1.6	.3
... All other causes (Residual)	6,643	164.4	26.4
White, all causes	16,428	514.6	100.0
1 Congenital anomalies (740-759)	4,669	146.3	28.4
2 Respiratory distress syndrome (769)	2,241	70.2	13.6
3 Disorders relating to short gestation and unspecified low birthweight (765)	1,956	61.3	11.9
4 Newborn affected by maternal complications of pregnancy (761)	984	30.8	6.0
5 Newborn affected by complications of placenta, cord, and membranes (762)	665	20.8	4.0
6 Infections specific to the perinatal period (771)	541	16.9	3.3
7 Intrauterine hypoxia and birth asphyxia (768)	422	13.2	2.6
8 Sudden infant death syndrome (798.0)	253	7.9	1.5
9 Neonatal hemorrhage (772)	168	5.3	1.0
10 Birth trauma (767)	142	4.4	.9
11 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	95	3.0	.6
12 Accidents and adverse effects (E800-E949)	66	2.1	.4
13 Pneumonia and influenza (480-487)	63	2.0	.4
14 Homicide (E960-E969)	41	1.3	.2
15 Newborn affected by other complications of labor and delivery (763)	39	1.2	.2
... All other causes (Residual)	4,083	127.9	24.9
Black, all causes	8,021	1,191.6	100.0
1 Disorders relating to short gestation and unspecified low birthweight (765)	1,842	273.6	23.0
2 Respiratory distress syndrome (769)	1,069	158.8	13.3
3 Congenital anomalies (740-759)	1,017	151.1	12.7
4 Newborn affected by maternal complications of pregnancy (761)	505	75.0	6.3
5 Newborn affected by complications of placenta, cord, and membranes (762)	284	42.2	3.5
6 Infections specific to the perinatal period (771)	272	40.4	3.4
7 Intrauterine hypoxia and birth asphyxia (768)	201	29.9	2.5
8 Sudden infant death syndrome (798.0)	128	19.0	1.6
9 Neonatal hemorrhage (772)	88	13.1	1.1
10 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	72	10.7	.9
11 Birth trauma (767)	66	10.1	.8
12 Pneumonia and influenza (480-487)	30	4.5	.4
13 Homicide (E960-E969)	27	4.0	.3
14 Accidents and adverse effects (E800-E949)	26	3.9	.3
15 Newborn affected by other complications of labor and delivery (763)	24	3.6	.3
... All other causes (Residual)	2,368	351.8	29.5

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Table 2-6. Mortality From 15 Leading Causes of Infant, Neonatal, and Postneonatal Death: United States, 1989—Con.

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[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	14,487	358.5	100.0
1 Sudden infant death syndrome (798.0)	5,236	129.6	36.1
2 Congenital anomalies (740-759)	2,218	54.9	15.3
3 Accidents and adverse effects (E800-E949)	900	22.3	6.2
4 Pneumonia and influenza (480-487)	536	13.3	3.7
5 Septicemia (038)	290	7.2	2.0
6 Homicide (E960-E969)	266	6.6	1.8
7 Respiratory distress syndrome (769)	245	6.1	1.7
8 Meningitis (320-322)	193	4.8	1.3
9 Human immunodeficiency virus infection (*042-*044)	119	2.9	0.8
10 Viral diseases (045-079)	107	2.6	.7
11 Bronchitis and bronchiolitis (466,490-491)	102	2.5	.7
12 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	86	2.1	.6
13 Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	75	1.9	.5
14 Intrauterine hypoxia and birth asphyxia (768)	72	1.8	.5
15 Infections specific to the perinatal period (771)	59	1.5	.4
... All other causes (Residual)	3,983	98.6	27.5
White, all causes	9,366	293.4	100.0
1 Sudden infant death syndrome (798.0)	3,520	110.3	37.6
2 Congenital anomalies (740-759)	1,643	51.5	17.5
3 Accidents and adverse effects (E800-E949)	548	17.2	5.9
4 Pneumonia and influenza (480-487)	333	10.4	3.6
5 Septicemia (038)	173	5.4	1.8
6 Respiratory distress syndrome (769)	143	4.5	1.5
7 Homicide (E960-E969)	137	4.3	1.5
8 Meningitis (320-322)	110	3.4	1.2
9 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	75	2.3	.8
10 Viral diseases (045-079)	70	2.2	.7
11 Bronchitis and bronchiolitis (466,490-491)	58	1.8	.6
12 Human immunodeficiency virus infection (*042-*044)	51	1.6	0.5
13 Intrauterine hypoxia and birth asphyxia (768)	44	1.4	.5
14 Meningococcal infection (036)	43	1.3	.5
15 Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	36	1.1	.4
... All other causes (Residual)	2,382	74.6	25.4
Black, all causes	4,506	669.4	100.0
1 Sudden infant death syndrome (798.0)	1,489	221.2	33.0
2 Congenital anomalies (740-759)	481	71.5	10.7
3 Accidents and adverse effects (E800-E949)	309	45.9	6.9
4 Pneumonia and influenza (480-487)	180	26.7	4.0
5 Homicide (E960-E969)	115	17.1	2.6
6 Septicemia (038)	110	16.3	2.4
7 Respiratory distress syndrome (769)	90	13.4	2.0
8 Meningitis (320-322)	72	10.7	1.6
9 Human immunodeficiency virus infection (*042-*044)	68	10.1	1.5
10 Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	38	5.6	.8
11 Bronchitis and bronchiolitis (466,490-491)	36	5.3	.8
12 Infections specific to the perinatal period (771)	28	4.2	.6
13 Viral diseases (045-079)	28	4.2	.6
14 Intrauterine hypoxia and birth asphyxia (768)	26	3.9	.6
15 Diseases of blood and blood-forming organs (280-289)	26	3.9	.6
... All other causes (Residual)	1,410	209.5	31.3

¹ Includes races other than white and black.

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Table 2-7. Infant Mortality Rates for 61 Selected Causes: United States, 1980-89

[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	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
All causes	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	1,260.3
Certain Intestinal infections (008-009)	2.3	2.2	2.4	3.0	2.6	3.8	3.6	3.7	3.6	3.1
Whooping cough (033)	*	1.1	-	1.1	1.1	1.2	1.1	1.1	1.1	1.3
Meningococcal infection (036)	1.4	1.8	1.7	1.7	1.8	1.8	1.7	2.6	3.4	2.1
Septicemia (038)	7.2	6.3	6.7	8.0	8.1	8.1	8.3	7.4	8.3	6.7
Viral diseases (045-079)	3.4	2.8	3.0	3.5	2.8	3.1	4.0	3.5	3.3	3.8
Congenital syphilis (090)	*	1.4	1.4	1.1	1.2	1.2	1.2	1.3	1.2	1.1
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	6.8	5.3	5.4	2.7	3.6	2.6	2.3	2.4	2.2	3.2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2.6	2.3	2.7	2.6	3.0	3.1	3.6	3.7	2.5	3.1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1.4	1.5	1.5	2.1	1.6	2.1	1.5	1.6	1.5	1.9
Diseases of thymus gland (254)	*	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2
Cystic fibrosis (277.0)	*	1.3	1.4	1.4	1.5	.8	.8	.9	.6	1.1
Diseases of blood and blood-forming organs (280-289)	2.2	1.9	1.7	1.7	2.0	2.4	2.5	2.4	2.1	2.7
Meningitis (320-322)	5.7	5.2	5.6	5.9	6.8	7.3	8.7	9.0	11.6	12.3
Other diseases of nervous system and sense organs (323-389)	12.2	11.6	12.0	11.2	12.4	12.3	14.0	12.3	14.5	14.8
Acute upper respiratory infections (460-465)	.8	1.1	.7	1.2	1.5	1.5	1.7	1.4	1.8	2.2
Bronchitis and bronchiolitis (466,490-491)	2.5	2.9	2.6	2.6	2.8	2.6	3.4	3.1	3.6	3.6
Pneumonia and influenza (480-487)	15.7	16.4	17.7	17.6	18.7	18.7	21.1	20.5	22.3	28.0
Pneumonia (480-486)	15.4	16.2	17.5	17.5	18.6	18.5	21.0	20.3	21.9	27.7
Influenza (487)	*	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.4	1.3
Remainder of diseases of respiratory system (470-478,492-519)	9.5	10.7	11.3	13.1	12.6	13.2	13.8	12.8	14.1	14.0
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.2	2.0	2.5	2.8	2.2	2.9	2.9	3.5	3.5	3.6
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2.5	2.6	2.9	2.3	2.8	3.4	3.8	3.8	4.2	5.1
Remainder of diseases of digestive system (520-534,536-543,562-579)	4.2	5.2	4.8	5.5	6.0	5.6	5.9	5.9	5.7	6.9
Congenital anomalies (740-759)	200.9	208.2	207.0	219.5	227.7	233.0	240.0	245.2	245.6	255.2
Anencephalus and similar anomalies (740)	11.4	13.6	14.3	16.3	18.4	18.5	19.2	19.6	21.1	21.9
Spina bifida (741)	1.8	1.8	2.0	2.2	2.5	2.6	3.4	5.3	5.7	7.1
Congenital hydrocephalus (742.3)	4.3	4.4	4.6	5.3	5.4	6.1	6.2	7.2	9.5	9.0
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	7.8	8.5	8.3	8.1	7.3	8.4	8.9	8.3	9.3	8.7
Congenital anomalies of heart (745-746)	63.3	66.0	62.5	65.0	68.7	69.7	70.6	76.2	73.2	79.6
Other congenital anomalies of circulatory system (747)	12.2	14.9	15.7	16.5	18.3	22.4	25.4	24.5	25.1	25.9
Congenital anomalies of respiratory system (748)	31.1	28.4	29.2	29.3	29.1	24.9	24.9	20.8	20.4	17.7
Congenital anomalies of digestive system (749-751)	2.7	2.7	3.5	3.6	4.0	4.1	4.5	6.3	6.0	7.9
Congenital anomalies of genitourinary system (752-753)	11.7	12.9	11.8	14.0	13.5	13.5	13.7	13.7	12.6	12.5
Congenital anomalies of musculoskeletal system (754-756)	13.4	15.4	14.0	16.4	17.1	18.6	20.3	18.2	18.4	17.1
Down's syndrome (758.0)	2.3	3.0	2.3	2.5	2.0	2.7	2.3	2.7	3.0	3.4
Other chromosomal anomalies (758.1-758.9)	22.2	20.3	20.5	20.2	21.1	18.7	17.7	18.1	15.7	14.7
All other and unspecified congenital anomalies (744,757,759)	16.8	16.2	18.3	20.1	20.2	22.9	22.9	24.3	25.6	28.9
Certain conditions originating in the perinatal period (760-779)	459.4	461.3	474.4	485.2	507.1	509.2	526.4	562.0	592.7	629.7
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	4.9	3.8	3.2	3.2	2.8	3.8	3.8	3.7	3.6	3.9
Newborn affected by maternal complications of pregnancy (761)	38.0	36.1	36.7	36.1	35.5	38.3	39.9	40.6	40.2	43.5
Newborn affected by complications of placenta, cord, and membranes (762)	24.4	23.2	22.0	22.3	23.7	24.2	23.9	26.4	26.9	27.3
Newborn affected by other complications of labor and delivery (763)	1.7	1.5	2.3	1.9	2.1	1.8	2.5	2.9	3.4	3.9
Slow fetal growth and fetal malnutrition (764)	.7	1.0	.6	.6	1.0	1.0	1.2	1.3	1.3	1.4
Disorders relating to short gestation and unspecified low birthweight (765)	97.3	83.6	88.0	86.4	86.6	88.9	91.6	98.3	100.8	101.0
Disorders relating to long gestation and high birthweight (766)	*	-	-	-	1.0	1.0	-	1.1	1.1	1.1
Birth trauma (767)	5.5	5.5	6.5	8.7	10.2	12.2	16.8	25.3	29.3	29.3
Intrauterine hypoxia and birth asphyxia (768)	17.9	19.9	20.8	26.2	30.8	31.9	32.9	40.5	38.7	41.4
Fetal distress in liveborn infant (768.2-768.4)	4.8	4.9	4.4	5.1	6.0	6.6	6.7	8.0	7.0	7.8
Birth asphyxia (768.5-768.9)	13.2	14.9	16.4	21.1	24.8	25.3	26.3	32.5	31.7	33.6
Respiratory distress syndrome (769)	89.9	81.4	86.2	90.6	98.2	96.9	101.2	109.7	119.0	138.1
Other respiratory conditions of newborn (770)	82.8	91.8	93.3	95.2	99.6	95.3	94.5	95.5	99.4	102.3
Infections specific to the perinatal period (771)	22.1	22.5	22.6	24.4	25.4	24.2	23.9	25.8	24.7	26.9
Neonatal hemorrhage (772)	6.5	8.3	8.8	9.2	9.8	10.9	14.4	19.4	25.0	26.8
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	.9	1.2	.7	1.3	1.4	1.5	1.7	1.7	1.9	2.5
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	1.5
Hemorrhagic disease of newborn (776.0)	*	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	66.6	81.5	82.3	80.5	81.0	79.8	82.1	78.7	81.9	80.4
Symptoms, signs, and ill-defined conditions (780-799)	164.0	165.9	161.1	160.7	158.1	160.1	162.9	161.2	164.1	168.5
Sudden infant death syndrome (798.0)	139.4	140.1	137.3	140.5	141.3	142.9	145.8	143.4	145.9	152.5
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	24.6	25.8	23.8	20.2	16.8	17.1	17.1	17.8	18.2	16.0
Accidents and adverse effects (E800-E949)	24.6	23.9	24.9	24.2	23.7	22.8	26.3	27.8	27.0	32.3
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	4.0	3.7	4.2	4.2	4.5	4.2	5.2	6.0	5.8	7.5
Accidental mechanical suffocation (E913)	6.1	5.1	5.3	5.0	4.5	4.9	4.8	4.5	4.5	4.7
Other accidental causes and adverse effects (E800-E910,E914-E949)	14.5	15.2	15.5	15.0	14.6	13.8	16.3	17.3	16.8	20.1
Homicide (E960-E969)	8.3	8.1	7.2	7.4	5.3	6.5	5.3	6.6	6.0	5.8
Child battering and other maltreatment (E967)	3.0	2.8	2.7	2.8	1.7	2.1	1.6	2.5	2.2	2.3
Other homicide (E960-E966,E968-E969)	5.3	5.3	4.5	4.6	3.6	4.3	3.7	4.1	3.8	3.5
All other causes (Residual)	40.1	45.0	47.5	50.2	50.6	51.8	51.5	48.1	48.7	50.0

* Rate based on less than 20 infant deaths.

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Table 2-8. Infant Mortality Rates by Race: United States, Each Division and State, 1987-89

[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 ^a				Race of child ^b											
	1989				1989				1988				1987			
	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	9.8	8.1	16.3	18.6	9.8	8.2	15.2	17.7	10.0	8.5	15.0	17.6	10.1	8.6	15.4	17.9
Geographic divisions:																
New England	8.1	7.3	14.7	17.9	8.1	7.4	13.0	15.9	8.1	7.6	12.2	15.2	7.9	7.3	13.4	18.3
Middle Atlantic	10.2	8.0	17.8	20.0	10.2	8.1	16.8	18.9	10.3	8.4	16.5	18.6	10.3	8.4	16.7	18.5
East North Central	10.7	8.6	19.2	20.7	10.7	8.7	18.2	19.8	10.5	8.7	18.1	19.6	10.3	8.6	17.9	19.2
West North Central	8.5	7.5	16.6	18.1	8.5	7.6	14.9	16.5	8.9	8.1	14.8	17.1	9.3	8.5	15.5	17.6
South Atlantic	11.0	8.3	17.2	18.0	11.0	8.4	16.7	17.6	11.6	8.8	17.5	18.5	11.5	8.9	17.3	18.2
East South Central	10.9	8.6	16.7	17.0	10.9	8.7	16.4	16.8	11.4	9.1	17.1	17.2	11.7	9.3	18.0	18.5
West South Central	9.5	8.0	15.2	16.4	9.5	8.1	14.3	15.8	9.4	8.5	12.7	14.4	9.7	8.4	14.3	16.0
Mountain	8.9	8.3	13.5	19.1	8.9	8.5	11.8	15.7	9.2	9.0	10.7	15.5	9.4	9.1	11.2	16.2
Pacific	8.6	7.8	12.2	19.3	8.6	8.1	10.6	16.2	8.6	8.3	10.0	15.9	9.2	8.9	10.4	15.9
New England:																
Maine	7.4	7.2	*	*	7.4	7.3	*	*	7.9	8.0	^a 2.6	-	8.3	8.2	^a 11.7	^a 17.9
New Hampshire	8.0	8.0	*	*	8.0	8.1	*	*	8.3	8.4	^a 5.7	^a 13.4	7.8	7.8	^a 5.9	^a 12.8
Vermont	6.9	7.0	*	*	6.9	7.0	*	*	6.8	6.7	^a 9.1	-	8.5	8.4	^a 13.3	^a 33.3
Massachusetts	7.7	6.9	13.1	16.5	7.7	7.0	11.5	14.5	7.9	7.3	11.8	15.4	7.2	6.6	11.6	14.4
Rhode Island	10.2	9.8	13.5	18.2	10.2	10.0	11.8	15.7	8.2	7.5	12.9	^a 13.8	8.4	8.1	^a 10.7	^a 11.7
Connecticut	8.8	7.1	18.0	20.2	8.8	7.2	16.4	18.6	8.9	8.0	13.7	15.5	8.8	7.3	17.2	19.5
Middle Atlantic:																
New York	10.6	8.5	16.7	19.0	10.6	8.6	15.9	18.2	10.8	8.9	15.8	18.1	10.7	9.0	15.3	17.2
New Jersey	9.3	7.0	16.9	19.3	9.3	7.1	16.0	18.4	9.9	7.9	16.5	18.5	9.4	7.3	16.6	18.1
Pennsylvania	10.2	7.9	21.6	23.0	10.2	8.0	19.9	21.2	9.9	8.1	18.4	19.8	10.4	8.3	20.5	22.3
East North Central:																
Ohio	9.9	8.4	17.8	18.7	9.9	8.5	16.5	17.6	9.7	8.6	15.2	15.9	9.3	8.2	14.7	15.3
Indiana	10.2	9.1	18.5	19.8	10.2	9.3	17.0	18.5	11.0	9.9	18.3	19.9	10.1	9.0	18.1	19.4
Illinois	11.7	9.1	19.6	21.4	11.7	9.2	18.7	20.6	11.3	8.7	18.8	20.7	11.6	9.2	18.9	20.6
Michigan	11.1	8.2	21.4	22.5	11.1	8.3	20.5	21.8	11.1	8.6	20.6	21.9	10.7	8.4	20.1	21.4
Wisconsin	9.1	8.2	14.8	16.8	9.1	8.3	13.8	16.1	8.4	7.5	14.8	16.4	8.6	7.8	14.5	16.5
West North Central:																
Minnesota	7.1	6.3	15.5	22.4	7.1	6.4	13.4	18.6	7.8	7.2	13.7	19.5	8.7	8.2	12.9	17.4
Iowa	8.3	7.8	19.2	21.8	8.3	7.9	16.1	18.3	8.7	8.3	16.5	19.9	9.1	8.8	14.6	18.5
Missouri	9.9	8.5	16.6	17.4	9.9	8.6	15.7	16.7	10.1	9.0	15.2	16.2	10.2	8.9	16.4	17.5
North Dakota	8.0	7.3	*	*	8.0	7.5	*	*	10.5	10.0	^a 14.3	-	8.7	8.1	^a 13.7	-
South Dakota	9.6	7.0	21.9	*	9.6	7.1	20.1	*	10.1	9.7	11.9	-	9.9	8.0	18.7	^a 7.9
Nebraska	7.9	7.0	18.0	18.8	7.9	7.1	15.8	16.8	9.0	8.1	17.9	22.4	8.6	8.0	14.6	18.2
Kansas	8.8	8.1	14.4	16.0	8.8	8.3	12.3	13.9	8.0	7.0	14.8	16.5	9.5	8.5	16.1	19.2
South Atlantic:																
Delaware	11.8	9.5	18.8	19.7	11.8	9.6	18.4	19.3	11.8	9.1	20.1	21.1	11.7	9.4	18.7	20.0
Maryland	10.3	8.1	14.7	15.9	10.3	8.3	14.0	15.3	11.3	8.5	16.4	17.8	11.5	8.8	16.5	18.1
District of Columbia	22.9	14.4	24.5	26.5	22.9	15.2	24.2	26.3	23.2	19.9	23.9	26.0	19.3	^a 10.6	21.0	22.6
Virginia	10.0	7.3	17.2	18.7	10.0	7.5	16.6	18.1	10.4	8.1	16.1	17.9	10.2	8.2	15.6	17.0
West Virginia	9.4	9.3	*	*	9.4	9.4	*	*	9.0	8.5	19.1	21.6	9.8	9.5	^a 15.4	^a 17.3
North Carolina	11.3	8.5	17.4	17.9	11.3	8.6	16.8	17.5	12.5	9.6	18.5	19.5	11.9	9.4	17.2	18.2
South Carolina	12.3	9.0	18.5	18.8	12.3	9.1	18.2	18.6	12.3	9.6	16.3	16.6	12.7	9.7	17.5	17.8
Georgia	12.3	9.0	17.9	18.4	12.3	9.1	17.6	18.1	12.6	9.2	18.3	18.9	12.7	10.3	17.0	17.5
Florida	9.8	7.9	15.8	16.4	9.8	8.0	15.2	15.9	10.6	8.5	16.5	17.4	10.6	8.0	18.0	18.7
East South Central:																
Kentucky	9.2	8.3	17.3	18.0	9.2	8.4	16.4	17.2	10.7	10.0	16.4	17.4	9.7	9.5	12.0	12.8
Tennessee	10.8	8.3	18.3	18.8	10.8	8.4	17.8	18.3	10.8	8.2	18.4	18.6	11.7	9.2	19.4	19.7
Alabama	12.1	9.3	17.1	17.4	12.1	9.3	16.9	17.3	12.1	9.3	17.2	17.2	12.2	8.8	18.6	19.0
Mississippi	11.6	8.6	14.8	14.9	11.6	8.6	14.7	14.8	12.3	8.7	16.1	16.1	13.7	9.9	17.9	18.2
West South Central:																
Arkansas	10.2	8.4	15.8	16.2	10.2	8.5	15.2	16.0	10.7	8.7	16.4	17.4	10.3	8.7	15.1	15.7
Louisiana	11.4	8.5	15.4	16.0	11.4	8.5	15.2	15.9	11.0	9.0	13.7	14.3	11.8	8.0	16.9	17.7
Oklahoma	8.5	7.8	11.4	13.8	8.5	8.3	9.4	12.7	9.0	9.3	8.4	12.6	9.6	9.5	9.9	14.0
Texas	9.2	7.9	15.6	16.9	9.2	8.0	14.7	16.1	9.0	8.3	12.5	14.2	9.1	8.3	13.5	15.1
Mountain:																
Montana	11.3	9.6	22.7	*	11.3	9.9	18.8	*	8.7	8.8	^a 8.2	^a 12.8	10.0	9.3	13.9	-
Idaho	9.7	9.4	*	*	9.7	9.5	*	*	8.8	8.5	^a 15.7	^a 25.0	10.4	10.4	^a 10.4	-
Wyoming	9.4	9.6	*	*	9.4	9.8	*	*	8.9	8.8	^a 10.2	^a 16.8	9.2	9.0	^a 11.3	^a 17.9
Colorado	8.7	8.4	12.7	16.3	8.7	8.5	10.7	13.8	9.6	9.6	8.7	12.0	9.8	9.6	11.6	16.4
New Mexico	8.5	7.7	12.3	*	8.5	7.8	11.4	*	10.0	9.7	11.1	^a 14.2	8.1	7.8	9.4	^a 19.9
Arizona	9.2	8.6	12.6	21.7	9.2	8.8	11.4	17.8	9.7	9.4	11.1	17.9	9.5	8.9	12.3	15.7
Utah	8.0	7.6	16.5	*	8.0	7.7	12.9	*	8.0	7.9	9.5	^a 6.2	8.8	8.9	^a 7.4	^a 9.1
Nevada	8.1	7.2	13.4	19.1	8.1	7.4	11.5	17.2	8.4	7.5	12.8	18.7	9.6	9.2	11.2	17.9
Pacific:																
Washington	9.2	8.6	13.4	21.7	9.2	8.9	10.7	15.8	9.0	8.7	11.0	16.1	9.7	9.4	11.8	15.2
Oregon	8.9	8.6	13.6	24.3	8.9	8.8	10.3	18.3	8.6	8.5	8.8	^a 14.7	10.4	10.5	9.1	^a 17.7
California	8.5	7.7	12.3	19.3	8.5	8.0	10.7	16.5	8.6	8.2	10.1	15.9	9.0	8.7	10.3	16.0
Alaska	9.2	6.8	14.2	*	9.2	7.2	12.6	*	11.6	9.8	14.9	^a 20.2	10.4	8.3	14.4	^a 8.5
Hawaii	8.3	4.7	9.9	*	8.3	6.3	8.9	*	7.2	7.2	7.2	^a 9.0	8.9	8.3	9.1	^a 14.4

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 Rate based on less than 20 infant deaths.

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Table 2-9. Neonatal Mortality Rates by Race: United States, Each Division and State, 1987-89

[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											
	1989				1989				1988				1987			
	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	6.2	5.1	10.3	11.9	6.2	5.2	9.6	11.3	6.3	5.4	9.7	11.5	6.5	5.5	10.0	11.7
Geographic divisions:																
New England	5.7	5.1	10.3	12.6	5.7	5.2	9.1	11.2	5.6	5.2	8.2	10.3	5.5	5.0	9.9	12.0
Middle Atlantic	6.9	5.6	11.5	13.0	6.9	5.7	10.9	12.3	7.1	5.9	11.0	12.4	7.1	5.9	11.1	12.3
East North Central	6.8	5.5	12.1	13.1	6.8	5.6	11.5	12.5	6.7	5.6	11.6	12.5	6.7	5.5	11.8	12.7
West North Central	5.0	4.5	8.6	10.0	5.0	4.6	7.8	9.1	5.4	5.0	8.8	10.7	5.6	5.2	8.6	10.5
South Atlantic	7.3	5.4	11.7	12.3	7.3	5.5	11.3	11.9	7.7	5.8	11.8	12.5	7.6	5.9	11.6	12.3
East South Central	6.9	5.4	10.4	10.7	6.9	5.5	10.3	10.5	7.0	5.5	10.8	10.9	7.6	5.9	11.9	12.2
West South Central	5.8	4.9	9.3	10.1	5.8	5.0	8.8	9.8	5.8	5.2	7.9	9.0	6.0	5.2	9.0	10.2
Mountain	5.2	4.9	7.2	10.8	5.2	5.0	6.3	8.9	5.1	5.0	5.6	10.0	5.5	5.3	6.9	10.7
Pacific	5.1	4.7	6.8	11.1	5.1	4.9	5.9	9.3	5.1	4.8	6.0	9.5	5.5	5.3	6.1	9.5
New England:																
Maine	5.1	4.9	*	*	5.1	5.0	*	*	5.2	5.3	-	-	5.0	4.9	³ 8.7	³ 8.9
New Hampshire	5.0	5.1	*	*	5.0	5.1	*	*	5.2	5.2	³ 5.7	³ 13.4	5.5	5.6	³ 2.9	³ 6.4
Vermont	4.8	4.9	*	*	4.8	4.9	*	*	4.2	4.2	-	-	5.2	5.2	-	-
Massachusetts	5.3	4.7	9.1	12.0	5.3	4.8	8.0	10.5	5.4	5.1	7.5	10.1	5.1	4.7	8.4	10.5
Rhode Island	7.8	7.7	*	*	7.8	7.8	*	*	6.1	5.5	³ 10.6	³ 10.3	6.1	5.7	³ 8.8	³ 9.9
Connecticut	6.4	5.2	12.7	14.0	6.4	5.3	11.6	12.8	6.2	5.6	9.4	10.7	6.2	5.1	13.0	14.7
Middle Atlantic:																
New York	7.2	5.8	11.0	12.7	7.2	5.9	10.5	12.1	7.4	6.2	10.7	12.2	7.3	6.3	10.1	11.3
New Jersey	6.2	4.9	10.4	11.7	6.2	5.0	9.8	11.2	6.8	5.5	10.6	12.0	6.3	5.0	11.0	11.9
Pennsylvania	7.0	5.6	14.0	14.9	7.0	5.7	12.9	13.7	6.7	5.6	12.1	13.1	7.3	6.0	13.9	15.0
East North Central:																
Ohio	6.3	5.4	11.0	11.5	6.3	5.5	10.2	10.8	6.1	5.5	9.1	9.6	5.7	5.1	8.7	9.0
Indiana	6.5	5.8	11.8	12.7	6.5	5.8	10.8	11.9	6.5	5.8	11.2	12.2	6.4	5.6	12.0	12.9
Illinois	7.5	5.9	12.2	13.3	7.5	6.0	11.7	12.8	7.2	5.8	11.5	12.6	7.8	6.3	12.1	13.1
Michigan	7.2	5.2	14.3	15.1	7.2	5.3	13.7	14.7	7.7	5.7	15.4	16.5	7.2	5.3	14.7	15.8
Wisconsin	5.4	5.1	7.9	8.8	5.4	5.1	7.4	8.5	5.0	4.7	7.4	8.7	5.1	4.5	9.3	10.5
West North Central:																
Minnesota	4.1	3.8	7.3	13.5	4.1	3.9	6.3	11.2	4.7	4.4	8.0	11.9	5.1	4.9	7.5	11.7
Iowa	5.5	5.1	13.8	*	5.5	5.2	11.6	*	5.4	5.3	³ 8.2	³ 10.4	5.5	5.5	³ 6.7	³ 8.8
Missouri	5.9	5.3	8.9	9.4	5.9	5.4	8.4	9.0	6.4	5.6	9.8	10.4	6.3	5.6	9.8	10.5
North Dakota	4.7	4.3	*	*	4.7	4.5	*	*	5.6	5.7	³ 5.4	-	4.9	4.8	³ 5.5	-
South Dakota	4.6	3.7	*	*	4.6	3.8	*	*	5.4	6.0	³ 3.0	-	5.0	4.5	³ 6.9	-
Nebraska	4.5	3.9	10.5	*	4.5	4.0	9.2	*	5.4	4.9	9.9	³ 11.9	4.7	4.4	³ 7.0	³ 8.8
Kansas	4.7	4.4	7.1	7.7	4.7	4.5	6.1	6.7	4.9	4.2	10.1	11.3	5.6	5.1	9.3	11.5
South Atlantic:																
Delaware	8.6	7.2	12.6	13.0	8.6	7.3	12.3	12.7	8.8	6.4	16.3	17.0	8.3	6.8	12.7	13.6
Maryland	6.5	4.9	9.6	10.4	6.5	5.0	9.1	10.0	8.0	5.8	11.8	13.0	7.9	5.9	11.6	12.8
District of Columbia	15.9	*	17.4	18.9	15.9	*	17.3	18.8	17.6	12.6	18.5	20.1	14.4	³ 7.1	15.9	17.2
Virginia	7.1	5.2	12.1	13.2	7.1	5.3	11.7	12.7	6.8	5.1	11.4	12.5	6.7	5.2	10.7	11.7
West Virginia	6.3	6.3	*	*	6.3	6.3	*	*	5.9	5.6	³ 10.5	³ 11.9	6.7	6.6	³ 8.7	³ 9.8
North Carolina	7.6	5.4	12.2	12.7	7.6	5.5	11.8	12.4	8.0	6.2	11.6	12.3	8.1	6.2	12.2	12.9
South Carolina	8.1	5.8	11.7	12.0	8.1	5.8	11.6	11.8	8.2	6.3	11.0	11.1	8.6	6.5	11.9	12.1
Georgia	8.0	5.7	12.1	12.4	8.0	5.7	11.8	12.2	8.3	5.8	12.4	12.8	8.4	7.1	10.8	11.2
Florida	6.5	5.1	10.8	11.2	6.5	5.1	10.3	10.9	6.9	5.7	10.4	11.0	6.7	5.1	11.3	11.8
East South Central:																
Kentucky	5.3	4.8	9.8	10.4	5.3	4.8	9.3	9.9	6.2	5.7	10.1	10.7	6.0	5.7	8.6	9.2
Tennessee	6.8	5.1	12.2	12.6	6.8	5.1	11.9	12.3	6.5	4.8	11.3	11.5	7.6	5.9	12.9	13.3
Alabama	8.0	6.4	11.0	11.2	8.0	6.4	10.9	11.1	8.0	6.2	11.3	11.4	8.1	6.1	11.9	12.2
Mississippi	7.2	6.0	8.4	8.6	7.2	6.1	8.4	8.6	7.6	5.4	9.8	9.9	8.8	6.0	11.9	12.2
West South Central:																
Arkansas	6.0	5.1	8.7	8.9	6.0	5.2	8.4	8.7	6.4	5.1	10.2	10.8	5.9	5.1	8.4	8.7
Louisiana	7.3	5.5	9.7	10.0	7.3	5.5	9.6	9.9	7.0	5.6	9.0	9.3	7.7	5.1	11.2	11.8
Oklahoma	4.9	4.8	5.4	6.9	4.9	5.1	4.5	6.3	5.2	5.5	4.4	6.3	5.6	5.5	6.1	9.1
Texas	5.6	4.8	9.9	10.8	5.6	4.8	9.4	10.3	5.6	5.1	7.6	8.7	5.7	5.2	8.4	9.5
Mountain:																
Montana	5.6	5.1	*	*	5.6	5.3	*	*	4.5	5.1	³ 1.6	³ 12.8	4.6	4.4	³ 5.8	-
Idaho	6.3	6.1	*	*	6.3	6.1	*	*	3.7	3.6	³ 6.3	³ 12.5	6.2	6.2	³ 7.5	-
Wyoming	5.2	5.2	*	*	5.2	5.3	*	*	4.3	4.2	³ 6.1	³ 8.4	6.1	6.2	³ 4.5	-
Colorado	5.2	4.8	8.8	11.6	5.2	4.9	7.4	9.8	5.6	5.6	5.7	6.5	6.0	5.8	7.4	10.7
New Mexico	5.3	5.0	6.8	*	5.3	5.1	6.2	*	6.1	6.1	6.3	³ 8.5	5.1	4.7	7.0	³ 14.2
Arizona	5.5	5.4	6.3	11.0	5.5	5.5	5.7	9.0	5.9	5.7	6.6	14.0	6.0	5.7	7.6	11.1
Utah	4.4	4.2	*	*	4.4	4.3	*	*	3.7	3.9	³ 1.9	-	4.2	4.3	³ 3.0	³ 6.0
Nevada	3.9	3.5	*	*	3.9	3.6	*	*	3.7	3.3	³ 5.2	³ 8.1	5.2	4.7	7.1	11.2
Pacific:																
Washington	5.1	4.9	6.2	12.7	5.1	5.1	5.0	9.3	4.6	4.5	5.4	7.5	5.2	5.1	6.1	8.6
Oregon	5.0	5.1	*	*	5.0	5.2	*	*	4.6	4.5	³ 4.8	³ 8.2	5.5	5.7	³ 3.9	³ 5.9
California	5.2	4.7	7.2	11.1	5.2	4.9	6.3	9.5	5.2	4.9	6.1	9.7	5.5	5.3	6.2	9.6
Alaska	4.3	3.5	5.9	*	4.3	3.8	5.2	*	5.1	4.4	6.3	³ 9.3	5.5	4.5	7.5	³ 6.8
Hawaii	4.2	*	5.2	*	4.2	*	4.7	*	5.2	5.0	5.3	³ 6.7	5.4	³ 4.1	5.9	³ 10.0

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 Rate based on less than 20 neonatal deaths.

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Table 2-10. Infant and Neonatal Deaths and Mortality Rates for the 50 Largest Standard Metropolitan Statistical Areas in the United States and Their Component Counties: 1989

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[Standard metropolitan statistical areas are those defined by the Office of Management and Budget for 1980 except for New England, where areas are New England County Metropolitan Areas. For further explanation of areas, see Technical Appendix. Rates are infant (under 1 year) and neonatal (under 28 days) deaths per 1,000 live births]

Area	Infant		Neonatal		Area	Infant		Neonatal	
	Number	Rate	Number	Rate		Number	Rate	Number	Rate
50 largest U.S. SMSA's	20,312	10.2	13,099	6.6					
Anaheim-Santa Ana-Garden Grove, Calif	336	7.3	208	4.5	Detroit, Mich	886	12.6	597	8.5
Orange	336	7.3	208	4.5	Lapeer	11	*	8	*
Atlanta, Ga	542	11.6	354	7.6	Livingston	7	*	5	*
Butts	6	*	5	*	Macomb	80	7.9	50	5.0
Cherokee	15	*	9	*	Oakland	142	8.6	97	5.9
Clayton	41	12.6	29	8.9	St. Clair	19	*	14	*
Cobb	82	11.0	56	7.5	Wayne	627	16.0	423	10.8
De Kalb	110	12.1	69	7.6	Fort Lauderdale-Hollywood, Fla	192	10.7	137	7.6
Douglas	11	*	7	*	Broward	192	10.7	137	7.6
Fayette	8	*	7	*	Greensboro-Winston-Salem-High Point, N.C	164	12.3	112	8.4
Forsyth	9	*	6	*	Davidson	20	11.8	16	*
Fulton	174	14.6	113	9.5	Forsyth	54	13.5	35	8.8
Gwinnett	41	6.4	23	3.6	Guilford	68	12.9	50	9.5
Henry	10	*	7	*	Randolph	16	*	8	*
Newton	11	*	6	*	Stokes	5	*	2	*
Paulding	6	*	5	*	Yadkin	1	*	*	*
Rockdale	7	*	4	*	Hartford-New Britain-Bristol, Conn	147	9.1	113	7.0
Walton	11	*	8	*	Hartford	124	10.0	100	8.1
Baltimore, Md	421	11.0	254	6.6	Middlesex	13	*	6	*
Anne Arundel	66	9.8	43	6.4	Tolland	10	*	7	*
Baltimore	98	9.9	60	6.0	Houston, Tex	640	9.8	375	5.7
Baltimore city	196	14.1	116	8.3	Brazoria	26	8.2	14	*
Carroll	19	*	10	*	Fort Bend	34	8.6	24	6.1
Harford	28	9.8	15	*	Harris	538	9.9	314	5.8
Howard	14	*	10	*	Liberty	7	*	3	*
Birmingham, Ala	149	11.0	95	7.0	Montgomery	31	10.7	18	*
Jefferson	122	11.9	77	7.5	Waller	4	*	2	*
St. Clair	6	*	3	*	Indianapolis, Ind	236	11.3	158	7.5
Shelby	9	*	7	*	Boone	7	*	5	*
Walker	12	*	8	*	Hamilton	13	*	11	*
Boston-Lowell-Brockton-Lawrence-Haverhill, Mass	447	7.7	301	5.2	Hancock	2	*	2	*
Essex	87	7.9	59	5.4	Hendricks	9	*	4	*
Middlesex	140	7.0	87	4.3	Johnson	12	*	10	*
Norfolk	57	6.8	40	4.8	Marion	176	12.0	113	7.7
Plymouth	40	5.8	26	3.8	Morgan	14	*	11	*
Suffolk	123	10.3	89	7.5	Shelby	3	*	2	*
Buffalo, N.Y	166	9.7	122	7.1	Kansas City, Mo.-Kans	243	10.1	135	5.6
Erie	142	10.1	104	7.4	Cass, Mo	4	*	3	*
Niagara	24	7.7	18	*	Clay, Mo	21	9.0	13	*
Chicago, Ill	1,623	12.4	1,045	8.0	Jackson, Mo	122	11.1	67	6.1
Cook	1,333	14.2	858	9.1	Platte, Mo	9	*	5	*
Du Page	66	5.0	47	3.6	Ray, Mo	2	*	2	*
Kane	51	8.6	30	5.0	Johnson, Kans	42	7.5	23	4.1
Lake	90	9.7	59	6.4	Wyandotte, Kans	43	13.8	22	7.1
McHenry	28	9.2	20	6.6	Los Angeles-Long Beach, Calif	1,742	9.2	1,084	5.7
Will	55	9.5	31	5.3	Los Angeles	1,742	9.2	1,084	5.7
Cincinnati, Ohio-Ky.-Ind	212	8.9	134	5.6	Louisville, Ky.-Ind	138	10.3	71	5.3
Clermont, Ohio	13	*	4	*	Bullitt, Ky	4	*	2	*
Hamilton, Ohio	141	9.8	88	6.1	Jefferson, Ky	105	10.3	54	5.3
Warren, Ohio	15	*	11	*	Oldham, Ky	5	*	3	*
Boone, Ky	4	*	4	*	Clark, Ind	16	*	9	*
Campbell, Ky	8	*	6	*	Floyd, Ind	8	*	3	*
Kenton, Ky	26	11.1	18	*	Memphis, Tenn.-Ark.-Miss	266	14.6	185	10.1
Dearborn, Ind	5	*	3	*	Shelby, Tenn	228	14.7	180	10.3
Cleveland, Ohio	324	11.4	237	8.4	Tipton, Tenn	8	*	5	*
Cuyahoga	280	12.5	203	9.1	Crittenden, Ark	25	25.0	17	*
Geauga	7	*	5	*	De Soto, Miss	5	*	3	*
Lake	22	7.3	16	*	Miami, Fla	344	10.3	233	7.0
Medina	15	*	13	*	Dade	344	10.3	233	7.0
Columbus, Ohio	215	10.9	131	6.6	Milwaukee, Wis	228	9.8	133	5.7
Delaware	7	*	6	*	Milwaukee	192	11.3	111	6.5
Fairfield	12	*	3	*	Ozaukee	4	*	3	*
Franklin	188	11.4	117	7.1	Washington	6	*	3	*
Madison	4	*	2	*	Waukesha	26	6.4	16	*
Pickaway	4	*	3	*	Minneapolis-St. Paul, Minn.-Wis	298	7.3	187	4.6
Dallas-Fort Worth, Tex	726	9.9	466	6.4	Anoka, Minn	23	5.6	12	*
Collin	26	6.2	15	*	Carver, Minn	3	*	1	*
Dallas	362	10.0	233	6.4	Chisago, Minn	3	*	2	*
Denton	49	10.2	32	6.7	Dakota, Minn	33	6.7	21	4.2
Ellis	10	*	7	*	Hennepin, Minn	126	7.5	77	4.6
Hood	2	*	*	*	Ramsey, Minn	73	8.5	50	5.9
Johnson	14	*	8	*	Scott, Minn	6	*	3	*
Kaufman	5	*	2	*	Washington, Minn	16	*	9	*
Parker	14	*	6	*	Wright, Minn	4	*	3	*
Rockwall	2	*	*	*	St. Croix, Wis	11	*	9	*
Tarrant	237	10.7	159	7.2	Nashville-Davidson, Tenn	152	9.7	89	5.7
Wise	5	*	4	*	Cheatham	3	*	2	*
Dayton, Ohio	133	10.5	75	5.9	Davidson	91	10.4	51	5.8
Greene	18	*	8	*	Dickson	7	*	3	*
Miami	8	*	5	*	Robertson	4	*	3	*
Montgomery	105	11.5	62	6.8	Rutherford	12	*	8	*
Preble	2	*	*	*	Sumner	16	*	7	*
Denver-Boulder, Colo	255	8.5	156	5.2	Williamson	10	*	9	*
Adams	42	8.8	24	5.0	Wilson	9	*	6	*
Arapahoe	57	9.2	38	6.1	Nassau-Suffolk, N.Y	354	9.1	263	6.8
Boulder	20	6.2	16	*	Nassau	181	10.2	140	7.9
Denver	71	8.6	41	5.0	Suffolk	173	8.2	123	5.9
Douglas	10	*	6	*					
Gilpin	2	*	*	*					
Jefferson	53	8.1	31	4.8					

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Table 2-10. Infant and Neonatal Deaths and Mortality Rates for the 50 Largest Standard Metropolitan Statistical Areas in the United States and Their Component Counties: 1989—Con.

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[Standard metropolitan statistical areas are those defined by the Office of Management and Budget for 1980 except for New England, where areas are New England County Metropolitan Areas. For further explanation of areas, see Technical Appendix. Rates are infant (under 1 year) and neonatal (under 28 days) deaths per 1,000 live births]

Area	Infant		Neonatal		Area	Infant		Neonatal	
	Number	Rate	Number	Rate		Number	Rate	Number	Rate
New Orleans, La	240	12.0	159	8.0	Rochester, N.Y.	124	7.7	78	4.9
Jefferson	75	10.3	54	7.4	Livingston	9	*	5	*
Orleans	142	15.2	90	9.6	Monroe	92	7.9	57	4.9
St. Bernard	8	*	6	*	Ontario	6	*	4	*
St. Tammany	15	*	9	*	Orleans	3	*	2	*
New York, N.Y.-N.J.	1,952	12.0	1,328	8.2	Wayne	14	*	10	*
New York City, N.Y.	1,734	13.1	1,173	8.8	Sacramento, Calif	206	9.0	110	4.8
Bronx	384	14.5	253	9.5	Placer	15	*	9	*
Kings	683	14.9	461	10.0	Sacramento	177	9.8	94	5.2
New York	283	12.4	190	8.3	Yolo	14	*	7	*
Queens	330	10.5	230	7.3	St. Louis, Mo.-Ill	394	9.9	235	5.9
Richmond	54	8.7	39	6.3	Franklin, Mo	13	*	8	*
Putnam, N.Y.	15	*	12	*	Jefferson, Mo	16	*	9	*
Rockland, N.Y.	25	5.9	14	*	St. Charles, Mo	20	5.3	15	*
Westchester, N.Y.	119	9.1	83	6.3	St. Louis, Mo	106	7.3	69	4.8
Bergen, N.J.	59	5.6	46	4.3	St. Louis city, Mo	129	15.7	69	8.4
Newark, N.J.	329	10.5	211	6.7	Clinton, Ill	1	*	1	*
Essex	202	14.2	124	8.7	Madison, Ill	35	9.4	20	5.4
Morris	41	7.0	27	4.6	Monroe, Ill	3	*	2	*
Somerset	23	6.3	17	4.6	St. Clair, Ill	71	15.0	42	8.9
Union	63	8.3	43	5.6	Salt Lake City-Ogden, Utah	186	8.5	100	4.6
Norfolk-Virginia Beach-Portsmouth, Va.-N.C.	240	12.9	171	9.2	Davis	27	6.9	15	*
Chesapeake city, Va	22	8.4	20	7.7	Salt Lake	122	8.4	67	4.6
Norfolk city, Va	88	16.1	61	11.2	Tooele	1	*	-	*
Portsmouth city, Va	27	13.5	19	*	Weber	36	11.6	18	*
Suffolk city, Va	18	*	12	*	San Antonio, Tex	185	7.8	112	4.8
Virginia Beach city, Va	83	11.0	57	7.5	Bexar	179	8.2	109	5.0
Currituck, N.C.	2	*	2	*	Comal	3	*	2	*
Oklahoma City, Okla	143	9.7	86	5.9	Guadalupe	3	*	1	*
Canadian	7	*	6	*	San Diego, Calif	380	8.0	242	5.1
Cleveland	20	8.7	12	*	San Diego	380	8.0	242	5.1
McClain	3	*	1	*	San Francisco-Oakland, Calif	465	7.9	262	4.5
Oklahoma	106	10.3	64	6.2	Alameda	174	7.8	92	4.1
Pottawatomie	7	*	3	*	Contra Costa	92	7.1	46	3.5
Philadelphia, Pa.-N.J.	923	11.7	614	7.8	Marin	21	7.1	10	*
Bucks, Pa	64	8.0	49	6.1	San Francisco	100	9.9	68	6.7
Chester, Pa	39	6.9	26	4.6	San Mateo	78	7.6	46	4.5
Delaware, Pa	60	7.3	48	5.8	San Jose, Calif	202	7.5	131	4.9
Montgomery, Pa	70	7.3	47	4.9	Santa Clara	202	7.5	131	4.9
Philadelphia, Pa	515	17.6	329	11.2	Seattle-Everett, Wash	248	8.2	134	4.4
Burlington, N.J.	46	7.8	32	5.5	King	180	8.0	100	4.5
Camden, N.J.	101	11.3	63	7.1	Snohomish	68	8.7	34	4.3
Gloucester, N.J.	28	7.8	20	5.6	Tampa-St. Petersburg, Fla	278	10.3	194	7.2
Phoenix, Ariz	365	9.3	226	5.8	Hillsborough	163	11.6	117	8.4
Maricopa	365	9.3	226	5.8	Pasco	23	7.6	14	*
Pittsburgh, Pa	298	11.1	226	8.4	Pinellas	92	9.2	63	6.3
Allegheny	219	12.3	164	9.2	Washington, D.C.-Md.-Va	731	11.6	501	7.9
Beaver	20	8.8	15	*	District of Columbia	270	22.9	188	15.9
Washington	26	10.9	22	9.2	Charles, Md	17	*	7	*
Westmoreland	33	7.7	25	5.8	Montgomery, Md	98	7.7	68	5.4
Portland, Oreg.-Wash	202	9.5	112	5.3	Prince Georges, Md	166	12.8	107	8.3
Clackamas, Oreg	36	9.9	20	5.5	Alexandria city, Va	24	11.3	18	*
Multnomah, Oreg	104	11.5	57	6.3	Arlington, Va	23	8.9	18	*
Washington, Oreg	31	6.4	16	*	Fairfax, Va	89	7.4	62	5.1
Clark, Wash	31	8.4	19	*	Fairfax city, Va	3	*	2	*
Providence-Warwick-Pawtucket, R.I.	136	9.9	107	7.8	Falls Church city, Va	2	*	1	*
Bristol	2	*	2	*	Loudoun, Va	5	*	3	*
Kent	26	11.9	20	9.2	Manassas city, Va	7	*	6	*
Providence	99	10.4	78	8.2	Manassas Park city, Va	1	*	1	*
Washington	9	*	7	*	Prince William, Va	26	6.1	20	4.7
Riverside-San Bernardino-Ontario, Calif	506	9.5	310	5.8					
Riverside	176	7.7	109	4.8					
San Bernardino	330	10.8	201	6.6					

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Table 2-11. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1989

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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	39,655	4,190	10,471	2,394	1,369	870	634	454	414	20,796	2,126	1,301	945	25,168
Male	22,361	2,193	5,845	1,360	840	453	365	284	234	11,574	1,195	739	551	14,059
Female	17,294	1,997	4,626	1,034	529	417	269	170	180	9,222	931	562	394	11,109
White	25,794	2,812	6,390	1,587	939	628	480	344	287	13,467	1,471	866	624	16,428
Male	14,760	1,495	3,596	887	582	337	276	220	164	7,557	846	500	370	9,273
Female	11,034	1,317	2,794	700	357	291	204	124	123	5,910	625	366	254	7,155
Black	12,527	1,253	3,847	735	391	213	135	97	107	6,778	564	393	286	8,021
Male	6,842	642	2,120	425	232	101	79	55	59	3,713	300	216	158	4,387
Female	5,685	611	1,727	310	159	112	56	42	48	3,065	264	177	128	3,634
Alabama	755	77	166	58	31	27	16	13	10	398	49	30	25	502
Male	467	39	106	32	22	17	12	5	8	241	35	18	15	309
Female	288	38	60	26	9	10	4	2	2	157	14	12	10	193
White	375	29	88	32	17	13	8	6	6	199	27	18	13	257
Male	235	14	57	16	14	8	8	2	5	124	19	11	9	163
Female	140	15	31	16	3	5	-	4	1	75	8	7	4	94
Black	377	48	78	26	14	13	8	7	4	198	21	12	12	243
Male	230	25	49	16	8	8	4	3	3	116	16	7	6	145
Female	147	23	29	10	6	5	4	4	1	82	5	5	6	98
Alaska	107	12	19	2	1	4	1	1	1	41	6	3	-	50
Male	73	5	14	1	1	2	-	1	1	25	5	1	-	31
Female	34	7	5	1	1	2	1	-	-	16	1	2	-	19
White	54	5	12	1	1	4	1	-	-	24	4	-	-	28
Male	38	3	10	-	1	1	-	-	-	16	4	-	-	20
Female	16	2	2	-	-	2	1	-	-	8	-	-	-	8
Black	5	1	2	-	-	-	-	-	-	3	-	-	-	3
Male	2	-	1	-	-	-	-	-	-	1	-	-	-	1
Female	3	1	1	-	-	-	-	-	-	2	-	-	-	2
Arizona	620	63	146	35	19	12	15	8	2	300	42	19	10	371
Male	327	27	78	17	10	5	9	7	-	153	21	11	3	188
Female	293	36	68	18	9	7	6	1	2	147	21	8	7	183
White	495	59	118	27	17	10	10	8	1	250	32	17	9	308
Male	267	25	62	13	9	5	7	7	-	128	15	10	3	156
Female	228	34	56	14	8	5	3	1	1	122	17	7	6	152
Black	55	3	15	4	1	2	-	-	1	26	1	1	-	28
Male	26	1	9	3	-	1	-	-	-	14	-	-	-	15
Female	29	2	6	1	-	1	1	-	1	12	1	-	-	13
Arkansas	366	31	84	20	10	7	7	6	4	169	22	14	11	216
Male	208	16	48	15	4	2	5	3	2	95	13	9	5	122
Female	158	15	36	5	6	5	2	3	2	74	9	5	6	94
White	227	21	53	9	6	4	6	4	3	106	18	8	7	139
Male	130	9	29	5	2	2	4	1	2	54	12	6	4	76
Female	97	12	24	4	4	2	2	3	1	52	6	2	3	63
Black	137	9	31	10	4	3	1	2	1	61	4	6	4	75
Male	76	6	19	9	2	-	1	2	-	39	1	3	1	44
Female	61	3	12	1	2	3	-	-	1	22	3	3	3	31
California	4,869	494	975	453	153	136	79	54	48	2,392	286	161	122	2,961
Male	2,725	261	518	261	94	73	45	35	21	1,308	164	98	65	1,635
Female	2,144	233	457	192	59	63	34	19	27	1,084	122	63	57	1,326
White	3,571	370	702	336	121	105	60	47	36	1,777	215	123	86	2,201
Male	1,993	193	363	187	72	57	33	32	15	952	130	78	43	1,203
Female	1,578	177	339	149	49	48	27	15	21	825	85	45	43	998
Black	932	83	215	82	18	19	13	5	6	441	46	25	26	538
Male	517	47	126	47	13	8	8	2	3	254	25	13	15	307
Female	415	36	89	35	5	11	5	3	3	187	21	12	11	231
Colorado	461	63	90	19	14	14	12	3	9	224	23	12	13	272
Male	281	40	54	10	7	6	7	3	6	133	13	6	8	160
Female	180	23	36	9	7	8	5	-	3	91	10	6	5	112
White	405	57	71	17	14	12	12	2	9	194	19	10	10	233
Male	247	34	42	8	7	6	7	2	6	112	11	6	6	135
Female	158	23	29	9	7	6	5	-	3	82	8	4	4	98
Black	45	5	15	2	-	2	-	1	-	25	4	2	1	32
Male	27	5	10	2	-	-	-	1	-	18	2	-	1	21
Female	18	-	5	-	-	2	-	-	-	7	2	2	-	11
Connecticut	433	68	156	19	10	7	11	9	3	283	14	10	8	315
Male	254	40	98	9	8	6	6	5	2	174	6	7	6	193
Female	179	28	58	10	2	1	5	4	1	109	8	3	2	122
White	298	45	103	16	7	7	9	7	3	197	11	7	5	220
Male	169	23	62	8	7	6	5	4	2	117	5	6	4	132
Female	129	22	41	8	-	1	4	3	1	80	6	1	1	88
Black	130	21	52	2	3	-	2	2	-	82	3	2	3	90
Male	80	15	35	-	1	-	1	1	-	53	1	-	2	56
Female	50	6	17	2	2	-	1	1	-	29	2	2	1	34
Delaware	127	10	55	4	3	3	1	1	2	79	5	6	2	92
Male	66	4	29	1	3	1	-	-	1	39	3	3	2	47
Female	61	6	26	3	4	2	1	1	1	40	2	3	2	45
White	76	7	32	4	2	2	-	-	1	48	5	3	2	58
Male	41	3	18	1	2	1	-	-	-	25	3	2	2	32
Female	35	4	14	3	-	1	-	-	1	23	2	1	-	26
Black	50	3	23	-	1	1	1	-	1	30	-	3	-	33
Male	25	1	11	-	1	-	-	-	1	14	-	1	-	15
Female	25	2	12	-	-	1	1	-	-	16	-	2	-	18

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Table 2-11. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1989—Con.

(Page 2 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
United States	3,579	3,022	2,177	1,570	1,074	813	621	488	431	349	363
Male	2,026	1,810	1,297	940	584	450	329	259	231	176	200
Female	1,553	1,212	880	630	490	363	292	229	200	173	163
White	2,280	1,985	1,437	999	708	519	392	303	276	235	232
Male	1,320	1,207	888	613	400	296	211	162	149	116	125
Female	960	778	549	386	308	223	181	141	127	119	107
Black	1,149	901	645	510	316	257	205	163	142	106	112
Male	611	520	359	288	155	141	102	85	73	58	63
Female	538	381	286	222	161	116	103	78	69	48	49
Alabama	69	60	34	36	19	12	3	6	6	4	4
Male	45	28	24	27	12	7	-	6	3	2	4
Female	24	32	10	9	7	5	3	6	3	2	-
White	35	23	22	18	11	4	2	1	1	-	1
Male	24	7	16	14	5	4	-	1	-	-	1
Female	11	16	6	4	6	-	2	-	1	-	-
Black	34	37	12	17	8	8	1	5	5	4	3
Male	21	21	8	12	7	3	-	5	3	2	3
Female	13	16	4	5	1	5	1	-	2	2	-
Alaska	10	8	14	4	7	1	6	1	-	2	4
Male	7	6	11	3	5	1	5	1	-	-	3
Female	3	2	3	1	2	-	1	-	-	2	1
White	6	4	6	2	3	-	1	-	-	2	2
Male	4	3	5	2	1	-	1	-	-	-	2
Female	2	1	1	-	2	-	-	-	-	2	-
Black	-	-	2	-	-	-	-	-	-	-	-
Male	-	-	1	-	-	-	-	-	-	-	-
Female	-	-	1	-	-	-	-	-	-	-	-
Arizona	64	47	39	23	15	18	9	11	8	7	8
Male	34	30	22	13	4	11	6	8	4	3	4
Female	30	17	17	10	11	7	3	3	4	4	4
White	53	36	24	15	12	13	9	9	6	6	4
Male	31	23	14	10	4	9	6	6	3	3	2
Female	22	13	10	5	8	4	3	3	3	3	2
Black	6	3	5	5	1	2	-	1	2	1	1
Male	1	2	3	1	1	1	-	1	1	-	1
Female	5	1	2	4	1	1	-	-	1	1	-
Arkansas	40	24	23	23	10	9	4	6	5	3	3
Male	22	15	14	14	5	5	2	4	2	1	2
Female	18	9	9	9	5	4	2	2	3	2	1
White	23	14	13	14	6	3	3	5	3	2	2
Male	13	9	10	9	3	2	2	3	1	1	1
Female	10	5	3	5	3	1	1	2	2	1	1
Black	17	10	10	9	4	6	1	1	2	1	1
Male	9	6	4	5	2	3	-	1	1	-	1
Female	8	4	6	4	2	3	1	-	1	1	-
California	474	407	283	200	139	109	80	76	50	36	54
Male	262	251	170	118	79	53	45	32	26	16	38
Female	212	156	113	82	60	56	35	44	24	20	16
White	329	291	212	142	101	85	55	55	37	27	36
Male	184	182	127	85	57	43	33	23	21	13	22
Female	145	109	85	57	44	42	22	32	16	14	14
Black	105	81	51	46	28	17	20	16	9	8	13
Male	51	43	32	27	13	10	9	7	3	3	12
Female	54	38	19	19	15	7	11	9	6	5	1
Colorado	42	38	40	17	9	13	5	11	5	6	3
Male	29	26	27	11	5	8	2	5	3	3	2
Female	13	12	13	6	4	5	3	6	2	3	1
White	39	33	37	16	9	13	3	9	5	5	3
Male	27	24	24	10	5	8	1	5	3	3	2
Female	12	9	13	6	4	5	2	4	2	2	1
Black	2	5	2	-	-	-	1	2	-	1	-
Male	2	2	2	-	-	-	-	-	-	-	-
Female	-	3	-	-	-	-	1	2	-	1	-
Connecticut	32	19	16	12	7	9	7	3	6	4	3
Male	12	13	6	6	5	6	5	2	4	1	1
Female	20	6	10	6	2	3	2	1	2	3	2
White	24	11	8	8	5	6	5	3	3	3	2
Male	8	8	3	3	3	4	3	2	2	1	-
Female	16	3	5	5	2	2	1	1	1	2	1
Black	8	8	8	4	2	3	2	2	3	1	1
Male	4	5	3	3	2	2	2	-	2	-	1
Female	4	3	5	1	-	1	-	-	1	-	-
Delaware	12	10	6	-	1	1	2	2	1	-	-
Male	7	6	3	-	1	-	1	-	1	-	-
Female	5	4	3	-	-	-	1	2	-	-	-
White	6	6	2	-	-	1	2	1	-	-	-
Male	2	4	2	-	-	-	1	-	-	-	-
Female	4	2	2	-	-	-	1	1	-	-	-
Black	6	4	4	-	1	-	-	1	1	-	-
Male	5	2	1	-	1	-	-	-	1	-	-
Female	1	2	3	-	-	-	-	1	-	-	-

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Table 2-11. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1989—Con.
(Page 3 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
District of Columbia	270	39	90	16	11	2	5	5	2	170	10	4	4	188
Male	143	19	48	8	5	1	3	4	2	90	4	3	2	99
Female	127	20	42	8	6	1	2	1	—	80	6	1	2	89
White	26	3	4	1	3	1	—	—	1	13	1	—	—	14
Male	15	—	2	—	2	1	—	—	1	6	1	—	—	7
Female	11	3	2	1	1	—	—	—	—	7	—	—	—	7
Black	244	36	86	15	8	1	5	5	1	157	9	4	4	174
Male	128	19	46	8	3	—	3	4	1	84	3	3	2	92
Female	116	17	40	7	5	1	2	1	—	73	6	1	2	82
Florida	1,900	201	527	130	69	32	39	24	18	1,040	101	63	49	1,253
Male	1,048	111	288	78	37	15	26	14	9	578	54	37	22	691
Female	852	90	239	52	32	17	13	10	9	462	47	26	27	562
White	1,144	117	297	76	41	23	27	17	13	611	62	37	28	738
Male	645	67	164	47	22	8	17	11	6	342	34	24	13	413
Female	499	50	133	29	19	15	10	6	7	269	28	13	15	325
Black	742	83	225	54	28	9	12	7	5	423	39	25	20	507
Male	395	43	121	31	15	7	9	3	3	232	20	12	8	272
Female	347	40	104	23	13	2	3	4	2	191	19	13	12	235
Georgia	1,358	113	400	90	43	21	22	17	19	725	81	47	34	887
Male	760	59	230	53	29	7	15	11	10	414	33	31	21	499
Female	598	54	170	37	14	14	7	6	9	311	48	16	13	388
White	624	58	152	37	26	9	12	10	6	310	45	21	17	393
Male	361	31	85	23	16	2	8	7	4	176	21	15	10	222
Female	263	27	67	14	10	7	4	3	2	134	24	6	7	171
Black	725	55	245	53	17	12	10	7	12	411	36	24	17	488
Male	396	28	144	30	13	5	7	4	5	236	12	15	11	274
Female	329	27	101	23	4	7	3	3	7	175	24	9	6	214
Hawaii	160	19	28	3	3	3	1	—	4	61	8	8	5	82
Male	99	9	15	—	2	2	1	—	2	31	7	6	5	49
Female	61	10	13	3	1	1	—	—	2	30	1	2	—	33
White	28	3	5	1	2	—	—	—	—	11	—	—	1	12
Male	16	2	1	—	2	—	—	—	—	5	—	—	—	6
Female	12	1	4	1	—	—	—	—	—	6	—	—	—	6
Black	8	—	2	—	—	—	—	—	—	3	—	—	—	4
Male	4	—	—	—	—	—	—	—	—	—	—	—	—	1
Female	4	1	2	—	—	—	—	—	—	3	—	—	—	3
Idaho	154	23	29	7	5	5	4	3	1	77	11	6	6	100
Male	92	12	18	5	4	3	2	2	—	46	8	3	4	61
Female	62	11	11	2	1	2	2	1	1	31	3	3	2	39
White	144	21	27	7	5	5	3	3	1	72	9	6	6	93
Male	88	12	18	5	4	3	1	2	—	45	6	3	4	58
Female	56	9	9	2	1	2	2	1	1	27	3	3	2	35
Black	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Male	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Illinois	2,235	183	669	124	96	41	31	24	21	1,189	128	62	49	1,428
Male	1,225	91	360	68	57	19	17	12	13	637	69	30	28	784
Female	1,010	92	309	56	39	22	14	12	8	552	59	32	21	664
White	1,282	119	353	74	59	25	24	14	17	685	86	34	29	834
Male	714	62	196	39	38	12	13	8	11	379	51	13	19	462
Female	568	57	157	35	21	13	11	6	6	306	35	21	10	372
Black	931	61	307	50	36	16	7	10	4	491	39	27	20	577
Male	496	27	157	29	18	7	4	2	2	248	15	17	9	289
Female	435	34	150	21	18	9	3	6	2	243	24	10	11	288
Indiana	855	84	241	48	32	19	12	8	11	455	33	29	23	540
Male	494	46	134	25	17	14	9	2	6	253	20	18	11	302
Female	361	38	107	23	15	5	3	6	5	202	13	11	12	238
White	674	66	172	42	26	17	11	7	9	350	31	24	20	425
Male	400	35	100	23	15	13	8	2	5	201	18	13	11	243
Female	274	31	72	19	11	4	3	5	4	149	13	11	9	182
Black	178	18	69	6	5	2	1	1	2	104	2	5	3	114
Male	94	11	34	2	2	1	1	—	1	52	2	5	—	59
Female	84	7	35	4	3	1	—	1	1	52	—	—	3	55
Iowa	323	39	90	20	13	5	4	5	3	179	16	10	9	214
Male	183	24	50	9	9	2	1	5	3	103	12	5	3	123
Female	140	15	40	11	4	3	3	—	—	76	4	5	6	91
White	291	35	78	20	12	5	4	4	2	160	16	8	7	191
Male	168	22	43	9	9	2	1	4	2	92	12	4	3	111
Female	123	13	35	11	3	3	3	—	—	68	4	4	4	80
Black	23	4	9	—	1	—	—	—	—	15	—	1	1	17
Male	13	2	6	—	—	—	—	—	—	9	—	—	—	10
Female	10	2	3	—	1	—	—	—	—	6	—	—	1	7
Kansas	341	33	65	13	8	9	6	3	6	143	22	10	8	183
Male	196	13	40	8	6	5	2	1	2	77	19	4	5	105
Female	145	20	25	5	2	4	4	2	4	66	3	6	3	78
White	280	22	58	12	6	8	6	3	6	121	18	7	7	153
Male	164	10	36	7	5	4	2	1	2	67	15	3	5	90
Female	116	12	22	5	1	4	4	2	4	54	3	4	2	63
Black	52	9	5	1	2	1	—	—	—	18	3	3	1	25
Male	27	3	3	1	1	—	—	—	—	9	3	1	—	13
Female	25	6	2	—	1	1	—	—	—	9	—	2	—	12

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Table 2-11. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1989—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	22	12	10	14	9	4	6	3	2	-	-
Male	11	7	7	5	6	2	4	2	-	-	-
Female	11	5	3	9	3	2	2	1	2	-	-
White	2	1	1	2	3	-	1	1	1	-	-
Male	1	1	1	2	1	-	1	1	-	-	-
Female	1	-	-	-	2	-	-	-	1	-	-
Black	20	11	9	12	6	4	5	2	1	-	-
Male	10	6	6	3	5	2	3	1	-	-	-
Female	10	5	3	9	1	2	2	1	1	-	-
Florida	152	112	98	84	48	46	27	24	24	19	13
Male	81	65	59	51	22	22	13	15	11	10	8
Female	71	47	39	33	26	24	14	9	13	9	5
White	94	79	66	50	31	27	14	9	16	10	10
Male	49	50	37	32	15	15	6	8	7	6	7
Female	45	29	29	18	16	12	8	1	9	4	3
Black	57	33	31	32	17	18	13	15	8	8	3
Male	32	15	21	18	7	7	7	4	4	4	1
Female	25	18	10	14	10	11	6	8	4	4	2
Georgia	117	119	61	41	32	31	26	9	15	12	8
Male	61	73	33	24	16	18	14	5	8	6	3
Female	56	46	28	17	16	13	12	4	7	6	5
White	56	65	21	22	19	12	15	3	7	6	5
Male	33	43	12	15	11	7	8	2	4	2	2
Female	23	22	9	7	8	5	7	1	3	4	3
Black	60	54	39	19	13	18	11	6	8	6	3
Male	28	30	21	9	5	11	6	3	4	4	1
Female	32	24	18	10	8	7	5	3	4	2	2
Hawaii	19	13	9	7	9	6	7	3	1	2	2
Male	13	9	5	4	4	5	4	3	1	-	2
Female	6	4	4	3	5	1	3	-	-	2	-
White	4	-	3	-	2	2	3	-	-	1	1
Male	3	-	1	-	1	2	2	-	-	-	1
Female	1	-	2	-	1	-	1	-	-	1	-
Black	1	1	1	-	-	1	-	-	-	-	-
Male	-	1	1	-	-	1	-	-	-	-	-
Female	-	-	-	-	-	-	1	-	-	-	-
Idaho	11	8	11	5	5	4	2	2	3	-	3
Male	7	5	6	3	3	3	2	-	2	-	-
Female	4	3	5	2	2	1	-	2	1	-	3
White	11	8	11	5	4	3	2	2	3	-	2
Male	7	5	6	3	3	2	2	-	2	-	-
Female	4	3	5	2	1	1	-	2	1	-	2
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Illinois	184	175	117	83	66	39	33	22	32	24	32
Male	105	111	62	52	35	20	18	12	17	11	18
Female	79	64	55	31	31	19	15	10	15	13	14
White	102	101	64	38	37	21	22	10	16	18	19
Male	59	63	36	21	20	11	11	5	8	8	10
Female	43	38	28	17	17	10	11	5	8	10	9
Black	79	74	53	45	29	18	11	11	16	6	12
Male	44	48	26	31	15	9	7	7	9	3	8
Female	35	26	27	14	14	9	4	4	7	3	4
Indiana	80	63	47	38	27	14	17	11	6	8	4
Male	43	49	30	22	17	7	8	6	1	5	4
Female	37	14	17	16	10	7	9	5	5	3	4
White	63	47	38	35	19	10	13	9	5	6	4
Male	38	37	26	21	12	4	5	6	4	4	4
Female	25	10	12	14	7	6	8	3	5	2	-
Black	16	16	9	3	8	3	4	2	1	2	-
Male	5	12	4	1	5	3	3	-	1	1	-
Female	11	4	5	2	3	-	1	2	-	1	-
Iowa	27	22	22	13	6	8	5	3	-	1	2
Male	14	11	16	8	1	4	4	-	-	-	2
Female	13	11	6	5	5	4	1	3	-	1	-
White	27	21	19	12	6	7	3	2	-	1	2
Male	14	11	15	8	1	4	2	-	-	-	2
Female	13	10	4	4	5	3	1	2	-	1	-
Black	-	-	2	1	-	1	2	-	-	-	-
Male	-	-	1	-	-	-	2	-	-	-	-
Female	-	-	1	1	-	1	-	-	-	-	-
Kansas	39	31	20	21	10	11	10	1	7	5	3
Male	26	18	12	14	4	4	4	1	5	3	-
Female	13	13	8	7	6	7	6	-	2	2	3
White	36	22	16	16	8	8	10	1	6	2	2
Male	24	14	10	11	3	3	4	1	4	4	-
Female	12	8	6	5	5	5	6	-	2	2	2
Black	3	6	4	4	2	3	-	-	1	3	1
Male	2	2	2	2	1	1	-	-	1	3	-
Female	1	4	2	2	1	2	-	-	-	-	1

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Table 2-11. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1989—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	494	51	121	16	21	10	5	4	3	231	30	13	9	283
Male	285	24	63	9	14	7	2	4	2	125	19	7	5	156
Female	209	27	58	7	7	3	3	-	1	106	11	6	4	127
White	399	40	90	13	18	10	4	4	2	181	29	13	6	229
Male	225	19	44	8	12	7	2	4	1	97	18	7	3	125
Female	174	21	46	5	6	3	2	-	1	84	11	6	3	104
Black	92	11	30	3	3	-	1	-	1	49	1	-	3	53
Male	58	5	19	1	2	-	-	-	1	28	1	-	2	31
Female	34	6	11	2	1	-	1	-	-	21	-	-	1	22
Louisiana	832	77	242	54	26	25	10	5	4	443	36	30	20	529
Male	463	43	131	27	17	10	3	3	2	236	16	18	10	280
Female	369	34	111	27	9	15	7	2	2	207	20	12	10	249
White	352	37	99	17	12	11	6	4	2	188	17	13	10	228
Male	212	24	55	8	7	5	3	3	1	106	11	7	5	129
Female	140	13	44	9	5	6	3	1	1	82	6	6	5	99
Black	477	39	143	37	13	14	4	1	1	252	19	17	10	298
Male	248	18	76	19	9	5	-	-	-	127	5	11	5	148
Female	229	21	67	18	4	9	4	1	1	125	14	6	5	150
Maine	129	10	39	12	2	4	2	-	2	71	8	5	5	89
Male	74	6	26	3	1	3	1	-	-	40	3	5	3	51
Female	55	4	13	9	1	1	1	-	2	31	5	-	2	38
White	124	10	38	12	2	4	2	-	1	69	6	5	5	85
Male	71	6	26	3	1	3	1	-	-	40	1	5	3	49
Female	53	4	12	9	1	1	1	-	1	29	5	-	2	36
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	809	85	227	33	30	15	10	10	8	418	40	32	19	509
Male	430	45	125	20	19	8	4	3	4	228	25	16	9	278
Female	379	40	102	13	11	7	6	7	4	190	15	16	10	231
White	416	41	99	14	17	6	6	7	4	194	30	17	12	253
Male	226	25	59	8	11	2	1	2	1	109	19	11	4	143
Female	190	16	40	6	6	4	5	5	3	85	11	6	8	110
Black	381	43	125	18	12	9	4	2	4	217	10	15	7	249
Male	200	19	65	11	8	6	3	-	3	115	6	5	5	131
Female	181	24	60	7	4	3	1	2	1	102	4	10	2	118
Massachusetts	704	76	241	40	16	12	7	7	6	405	34	28	17	484
Male	394	34	136	21	13	6	6	3	4	223	17	19	12	271
Female	310	42	105	19	3	6	1	4	2	182	17	9	5	213
White	549	56	176	33	11	12	7	7	5	307	32	23	14	376
Male	313	26	101	18	9	6	6	3	3	172	16	14	10	212
Female	236	30	75	15	2	6	1	4	2	135	16	9	4	164
Black	138	20	60	6	5	-	-	-	-	92	1	4	3	100
Male	73	8	32	3	4	-	-	-	1	48	1	4	2	55
Female	65	12	28	3	1	-	-	-	-	44	-	-	1	45
Michigan	1,646	167	536	59	58	32	27	13	19	911	77	50	33	1,071
Male	901	90	291	33	36	16	21	8	10	505	42	22	17	586
Female	745	77	245	26	22	16	6	5	9	406	35	28	16	485
White	950	107	278	36	36	23	19	9	11	519	44	25	18	606
Male	523	56	152	18	23	12	16	6	8	291	25	12	8	336
Female	427	51	126	18	13	11	3	3	3	228	19	13	10	270
Black	673	59	254	23	21	8	8	3	8	384	31	24	14	453
Male	364	34	136	15	13	3	5	1	2	209	15	10	8	242
Female	309	25	118	8	8	5	3	2	6	175	16	14	6	211
Minnesota	478	63	113	19	11	7	7	7	2	229	18	19	12	278
Male	258	30	60	10	6	4	4	5	1	120	13	11	5	149
Female	220	33	53	9	5	3	3	2	1	109	5	8	7	129
White	386	53	96	16	10	5	7	6	1	194	17	13	11	235
Male	215	26	53	10	5	3	4	4	-	105	12	9	5	131
Female	171	27	43	6	5	2	3	2	1	89	5	4	6	104
Black	55	7	14	1	1	1	-	1	1	26	1	5	1	33
Male	27	3	6	-	1	-	-	1	1	12	1	2	-	15
Female	28	4	8	1	-	1	-	-	-	14	-	3	1	18
Mississippi	500	46	122	40	31	10	5	5	2	261	29	12	8	310
Male	270	23	65	24	25	3	2	2	1	145	13	9	6	173
Female	230	23	57	16	6	7	3	3	1	116	16	3	2	137
White	190	18	51	14	15	6	4	2	-	110	13	4	6	133
Male	114	10	32	10	12	1	2	2	-	69	4	3	4	80
Female	76	8	19	4	3	5	2	-	-	41	9	1	2	53
Black	304	28	71	25	16	4	1	3	2	150	16	8	2	176
Male	153	13	33	14	13	2	-	1	1	76	9	6	2	93
Female	151	15	38	11	3	2	1	3	1	74	7	2	-	83
Missouri	771	70	171	52	28	13	17	9	7	367	51	25	19	462
Male	441	37	98	33	17	5	10	4	4	208	30	9	11	258
Female	330	33	73	19	11	8	7	5	3	159	21	16	8	204
White	541	54	121	36	23	10	16	7	5	272	37	18	12	339
Male	306	27	68	24	14	4	10	3	3	153	21	7	7	188
Female	235	27	53	12	9	6	6	4	2	119	16	11	5	151
Black	223	15	48	16	5	3	1	2	2	92	14	7	7	120
Male	190	10	28	9	3	1	1	1	1	53	9	2	4	68
Female	93	5	20	7	2	2	1	1	1	39	5	5	3	52

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Table 2-11. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1989—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	47	60	40	13	16	8	8	7	5	3	4
Male	26	38	22	10	11	6	4	5	4	2	1
Female	21	22	18	3	5	2	4	2	1	1	3
White	37	48	37	9	13	5	7	6	2	3	3
Male	20	28	20	6	8	4	4	5	2	2	1
Female	17	20	17	3	5	1	3	1	—	1	2
Black	10	10	3	4	3	3	1	1	3	1	1
Male	6	8	2	—	3	2	—	—	2	—	—
Female	4	2	1	4	—	1	1	1	1	—	—
Louisiana	67	65	39	33	24	26	14	9	10	6	10
Male	35	40	28	25	12	13	8	3	7	6	6
Female	32	25	11	8	12	13	6	6	3	—	4
White	26	24	17	15	13	8	5	4	4	3	5
Male	16	14	13	10	8	6	4	2	3	3	4
Female	10	10	4	5	5	2	1	2	1	—	1
Black	41	41	22	18	11	18	9	5	6	3	5
Male	19	26	15	15	4	7	4	1	4	3	2
Female	22	15	7	3	7	11	5	4	2	—	3
Maine	6	17	3	3	4	2	1	1	2	—	1
Male	2	10	2	1	4	1	1	—	2	—	—
Female	4	7	1	2	—	1	—	1	—	—	1
White	6	17	3	3	3	2	1	1	2	—	1
Male	2	10	2	1	3	1	1	—	2	—	—
Female	4	7	1	2	—	1	—	1	—	—	1
Black	—	—	—	—	—	—	—	—	—	—	—
Male	—	—	—	—	—	—	—	—	—	—	—
Female	—	—	—	—	—	—	—	—	—	—	—
Maryland	72	50	54	37	26	16	10	12	9	5	9
Male	35	28	27	20	9	9	4	8	4	2	6
Female	37	22	27	17	17	7	6	4	5	3	3
White	31	32	27	25	15	8	6	8	3	3	4
Male	16	19	11	12	6	5	3	5	3	3	2
Female	15	13	16	13	9	2	3	3	3	2	2
Black	40	17	25	12	11	7	4	4	4	2	4
Male	19	9	16	8	3	3	3	3	2	1	4
Female	21	8	9	4	8	4	1	1	2	1	1
Massachusetts	59	43	43	15	15	15	7	6	3	8	6
Male	32	26	20	10	9	8	5	3	2	4	4
Female	27	17	23	5	6	7	2	3	1	4	2
White	45	39	30	12	13	9	5	3	3	6	5
Male	27	25	16	8	8	3	4	3	2	2	3
Female	18	14	14	4	5	6	1	3	1	4	2
Black	12	4	10	2	—	5	—	—	—	2	1
Male	4	1	4	1	—	4	—	—	—	2	—
Female	8	3	6	1	—	1	1	—	—	—	—
Michigan	147	130	84	53	29	34	26	24	21	13	14
Male	75	75	41	30	14	23	13	13	12	12	7
Female	72	55	43	23	15	11	13	11	9	1	7
White	84	72	61	33	15	21	13	15	12	7	11
Male	41	40	32	20	9	8	8	7	6	6	5
Female	43	32	29	13	6	13	5	8	6	1	6
Black	61	55	22	19	13	12	13	7	5	6	6
Male	34	33	8	10	4	9	5	5	3	6	2
Female	27	22	14	9	9	3	8	2	3	—	1
Minnesota	47	44	28	26	14	13	8	7	2	2	9
Male	29	19	17	15	7	5	5	3	2	1	6
Female	18	25	11	11	7	8	3	4	—	1	3
White	33	30	23	22	12	10	4	6	1	2	5
Male	23	14	12	13	6	3	4	2	1	1	3
Female	10	16	11	9	6	7	—	4	—	1	—
Black	9	5	3	—	2	1	1	—	1	—	—
Male	4	2	—	—	1	—	—	—	—	—	—
Female	5	3	—	—	1	—	1	—	—	—	—
Mississippi	61	33	33	13	15	11	6	7	6	2	3
Male	26	17	21	4	8	8	2	6	4	1	—
Female	35	16	12	9	7	3	4	1	2	1	3
White	20	10	8	2	5	5	3	2	1	1	—
Male	10	8	—	—	3	3	1	2	1	—	—
Female	10	5	8	—	2	2	2	—	—	—	—
Black	41	21	22	11	10	6	3	5	5	1	3
Male	16	11	11	4	5	5	1	4	3	—	—
Female	25	10	11	7	5	1	2	1	2	1	3
Missouri	69	66	48	48	29	14	9	4	10	6	6
Male	46	36	33	33	13	4	7	4	3	1	3
Female	23	30	15	15	16	10	2	—	7	5	3
White	40	46	32	34	19	7	5	2	7	5	5
Male	28	25	21	24	9	1	3	2	2	1	2
Female	12	21	11	10	10	6	2	—	5	4	3
Black	28	20	16	12	9	7	4	2	3	1	1
Male	17	11	12	7	4	3	4	2	1	—	—
Female	11	9	4	5	5	4	—	2	2	1	—

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Table 2-11. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1989—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	1,624	199	435	90	66	30	21	13	15	869	80	51	33	1,033
Male	932	104	249	47	38	15	10	11	6	480	47	30	20	577
Female	692	95	186	43	28	15	11	2	9	389	33	21	13	456
White	1,148	137	304	66	48	22	17	11	12	617	61	41	20	739
Male	665	71	178	31	28	12	8	9	5	342	36	22	10	410
Female	483	66	126	35	20	10	9	2	7	275	25	19	10	329
Black	471	61	130	24	17	8	4	2	3	249	19	10	13	291
Male	264	32	71	16	9	3	2	2	1	136	11	8	10	165
Female	207	29	59	8	8	5	2	-	2	113	8	2	3	126
Oklahoma	405	43	91	19	13	8	4	2	1	181	24	16	13	234
Male	214	21	48	10	4	5	2	-	-	90	12	10	8	120
Female	191	22	43	9	9	3	2	2	1	91	12	6	5	114
White	294	29	73	16	12	7	4	2	1	144	17	10	10	181
Male	158	15	41	9	4	5	2	-	-	76	8	7	5	96
Female	136	14	32	7	8	2	2	2	1	68	9	3	5	85
Black	70	11	12	2	1	-	-	-	-	26	4	4	1	35
Male	38	6	5	-	-	-	-	-	-	11	3	2	1	17
Female	32	5	7	2	1	-	-	-	-	15	1	2	-	18
Oregon	368	53	70	15	14	9	4	4	3	172	19	7	10	208
Male	218	31	38	6	8	6	2	2	3	96	14	6	7	123
Female	150	22	32	9	6	3	2	2	2	76	5	1	3	85
White	329	51	62	15	14	8	3	4	3	160	17	7	10	194
Male	194	30	32	6	8	6	1	2	3	88	12	6	7	113
Female	135	21	30	9	6	2	2	2	2	72	5	1	3	81
Black	22	2	6	-	-	-	-	-	-	8	2	-	-	10
Male	14	1	4	-	-	-	-	-	-	5	2	-	-	7
Female	8	1	2	-	-	-	-	-	-	3	-	-	-	3
Pennsylvania	1,714	172	567	96	54	46	32	12	19	998	93	54	38	1,183
Male	976	108	311	56	38	28	13	8	12	574	45	33	23	675
Female	738	64	256	40	16	18	19	4	7	424	48	21	15	508
White	1,111	133	341	75	36	37	24	8	11	665	65	39	23	792
Male	630	84	180	42	27	22	10	5	8	378	30	23	15	446
Female	481	49	161	33	9	15	14	3	3	287	35	16	8	346
Black	579	36	221	20	18	7	6	4	7	319	26	15	15	375
Male	334	22	127	13	11	6	3	3	4	189	15	10	8	222
Female	245	14	94	7	7	1	3	1	3	130	11	5	7	153
Rhode Island	151	22	48	8	5	3	5	6	-	97	5	8	5	115
Male	99	14	30	2	4	1	3	6	-	60	3	6	5	74
Female	52	8	18	6	1	2	2	-	-	37	2	2	5	41
White	128	19	39	8	5	3	5	6	-	85	5	5	5	100
Male	82	12	24	2	4	1	3	6	-	52	3	3	5	63
Female	46	7	15	6	1	2	2	-	-	33	2	2	-	37
Black	20	3	8	-	-	-	-	-	-	11	-	-	-	13
Male	14	2	5	-	-	-	-	-	-	7	-	2	-	9
Female	6	1	3	-	-	-	-	-	-	4	-	-	-	4
South Carolina	733	92	208	23	29	15	8	6	9	390	34	28	15	467
Male	420	52	118	15	17	2	5	3	7	219	22	12	8	261
Female	313	40	90	8	12	13	3	3	2	171	12	16	7	206
White	312	36	83	12	13	8	4	4	5	165	17	13	5	200
Male	182	19	48	7	8	2	3	1	3	91	10	7	3	111
Female	130	17	35	5	5	6	1	3	2	74	7	6	2	89
Black	419	56	124	11	16	7	4	2	4	224	17	15	10	266
Male	237	33	70	8	9	-	2	2	4	128	12	5	5	150
Female	182	23	54	3	7	7	2	-	-	96	5	10	5	116
South Dakota	106	6	19	6	3	2	1	-	-	37	8	3	3	51
Male	59	2	11	4	2	1	1	-	-	21	5	3	2	31
Female	47	4	8	2	1	1	-	-	-	16	3	2	1	20
White	64	1	17	4	2	1	1	-	-	26	5	2	1	34
Male	38	1	9	3	1	1	1	-	-	16	3	2	1	22
Female	26	-	8	1	1	-	-	-	-	10	2	-	-	12
Black	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	790	59	213	58	30	18	15	13	11	417	40	23	20	500
Male	467	32	130	34	17	11	7	9	8	248	23	11	10	292
Female	323	27	83	24	13	7	8	4	3	169	17	12	10	208
White	459	38	113	27	16	13	10	10	8	235	21	15	8	279
Male	278	23	75	16	8	8	3	7	7	147	9	7	4	167
Female	181	15	38	11	8	5	7	3	1	88	12	8	4	112
Black	327	20	100	31	14	5	5	3	3	181	19	8	12	220
Male	187	9	55	18	9	3	4	2	1	101	14	4	6	125
Female	140	11	45	13	5	2	1	1	2	80	5	4	6	95
Texas	2,817	248	673	176	110	66	50	38	36	1,397	150	104	79	1,730
Male	1,603	115	391	95	71	33	33	23	22	783	84	58	51	976
Female	1,214	133	282	81	39	33	17	15	14	614	66	46	28	754
White	2,043	169	444	134	82	52	44	30	28	983	113	84	57	1,237
Male	1,200	82	263	75	54	23	28	19	18	562	65	46	42	715
Female	843	87	181	59	28	29	16	11	10	421	48	38	15	522
Black	728	75	220	40	26	13	6	6	6	392	33	19	20	464
Male	378	32	123	19	16	9	5	3	3	210	18	12	8	248
Female	350	43	97	21	10	4	1	3	3	182	15	7	12	216

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Table 2-11. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1989—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
Ohio	144	126	83	68	36	30	31	28	16	16	13
Male	91	66	58	45	23	12	16	16	12	10	6
Female	53	60	25	23	13	18	15	12	4	6	7
White	99	83	63	48	29	21	19	17	11	12	7
Male	62	46	48	33	19	8	10	10	9	7	3
Female	37	37	15	15	10	13	9	7	2	5	4
Black	45	43	19	20	6	9	12	11	5	4	6
Male	29	20	10	12	3	4	6	6	3	3	3
Female	16	23	9	8	3	5	6	5	2	1	3
Oklahoma	48	38	19	21	16	5	7	4	4	6	3
Male	22	21	11	15	9	3	4	2	3	2	2
Female	26	17	8	6	7	2	3	2	1	4	1
White	35	21	8	15	8	5	7	2	4	6	2
Male	16	12	6	11	3	3	4	1	3	2	1
Female	19	9	2	4	5	2	3	1	1	4	1
Black	7	9	8	5	5	-	-	1	-	-	-
Male	3	5	5	3	4	-	-	1	-	-	-
Female	4	4	3	2	1	-	-	-	-	-	-
Oregon	41	32	34	21	6	3	6	3	6	4	4
Male	22	19	20	13	6	-	5	3	3	3	1
Female	19	13	14	8	-	3	1	-	3	1	3
White	32	27	30	16	6	3	4	3	6	4	4
Male	18	16	17	10	6	-	4	3	3	3	1
Female	14	11	13	6	-	3	-	-	3	1	3
Black	3	3	2	3	-	-	1	-	-	-	-
Male	1	3	1	2	-	-	-	-	-	-	-
Female	2	-	1	1	-	-	1	-	-	-	-
Pennsylvania	126	106	66	63	47	34	25	22	14	13	15
Male	78	66	36	37	27	17	12	11	7	5	5
Female	48	40	30	26	20	17	13	11	7	8	10
White	69	65	41	37	32	21	19	12	11	5	7
Male	42	42	23	22	18	12	8	6	6	2	3
Female	27	23	18	15	14	9	11	6	5	3	4
Black	54	40	24	25	13	13	6	10	3	8	8
Male	34	24	13	14	7	5	4	5	2	3	2
Female	20	16	11	11	6	8	2	5	1	5	6
Rhode Island	9	9	-	5	2	4	1	1	-	2	3
Male	8	5	-	3	1	3	-	-	-	2	3
Female	1	4	-	2	1	1	1	1	-	-	-
White	7	8	-	4	2	3	1	-	-	1	2
Male	7	4	-	2	1	2	1	-	-	1	2
Female	-	4	-	2	1	1	1	-	-	-	-
Black	2	1	-	1	-	1	-	1	-	1	-
Male	1	1	-	1	-	1	-	-	-	1	-
Female	1	-	-	-	-	-	-	1	-	-	-
South Carolina	63	53	34	30	18	18	19	10	6	10	5
Male	31	34	22	19	9	14	12	5	3	7	3
Female	32	19	12	11	9	4	7	5	3	3	2
White	28	20	15	12	9	13	5	-	3	4	3
Male	14	13	9	8	5	11	4	-	2	3	2
Female	14	7	6	4	4	2	1	-	1	1	1
Black	35	33	19	18	9	5	14	9	3	6	2
Male	17	21	13	11	4	3	8	4	1	4	1
Female	18	12	6	7	5	2	6	5	2	2	1
South Dakota	15	13	9	3	8	1	4	-	-	1	1
Male	10	9	3	2	2	-	1	-	-	-	1
Female	5	4	6	1	6	1	3	-	-	1	-
White	9	7	5	-	6	-	2	-	-	-	1
Male	5	6	1	-	2	-	1	-	-	-	1
Female	4	1	4	-	4	-	1	-	-	-	-
Black	1	-	-	-	-	-	-	-	-	-	-
Male	1	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Tennessee	73	80	37	25	19	17	14	3	10	4	8
Male	48	47	24	15	10	13	8	2	4	1	3
Female	25	33	13	10	9	4	6	1	6	3	5
White	48	52	20	16	10	13	8	1	5	3	4
Male	32	31	12	9	8	10	3	1	3	2	2
Female	16	21	8	7	2	3	5	-	2	1	1
Black	25	28	17	8	9	4	6	1	5	1	4
Male	16	16	12	5	2	3	5	-	1	1	3
Female	9	12	5	3	7	1	1	1	4	-	-
Texas	283	217	173	111	80	52	43	42	37	33	16
Male	158	130	110	62	40	29	22	22	23	22	9
Female	125	87	63	49	40	23	21	20	14	11	7
White	203	175	129	78	57	35	30	31	29	25	13
Male	119	111	87	43	31	21	15	16	18	17	7
Female	84	64	42	35	26	15	15	15	11	8	6
Black	75	42	42	32	22	12	12	9	8	7	9
Male	34	19	22	18	9	6	6	5	5	4	2
Female	41	23	20	14	13	6	6	4	3	3	1

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Table 2-11. Infant Deaths, by Age, Race, and Sex: United States and Each State, 1989—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	23	27	20	12	15	14	6	3	-	4	3
Male	14	16	14	6	5	5	5	1	-	2	-
Female	9	11	6	6	10	9	1	2	-	2	3
White	19	25	19	11	12	11	6	3	-	4	3
Male	12	15	14	5	4	5	5	1	-	2	-
Female	7	10	5	6	8	6	1	2	-	2	3
Black	1	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-
Vermont	1	2	4	1	3	3	1	1	1	-	1
Male	1	-	3	1	1	3	-	1	-	-	-
Female	-	2	1	-	2	-	1	-	1	-	1
White	1	2	4	1	3	3	1	1	1	-	1
Male	1	-	3	1	1	3	-	1	-	-	-
Female	-	2	1	-	2	-	1	-	1	-	1
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Virginia	70	66	40	31	26	14	7	9	12	2	5
Male	38	36	27	15	15	7	5	6	4	-	3
Female	32	30	13	16	11	7	2	3	8	2	2
White	39	34	23	12	19	7	4	3	5	1	2
Male	21	21	17	4	12	5	4	2	2	-	1
Female	18	13	6	8	7	2	-	1	3	1	1
Black	31	30	17	17	7	7	3	6	7	1	3
Male	17	15	10	9	3	2	1	5	2	-	2
Female	14	15	7	8	4	5	2	1	5	1	1
Washington	78	57	68	33	20	12	11	6	10	3	12
Male	49	32	41	21	8	6	5	3	6	1	6
Female	29	25	27	12	12	6	6	3	4	2	6
White	62	45	58	28	16	6	8	3	8	2	11
Male	38	24	35	19	7	1	3	2	4	1	6
Female	24	21	23	9	9	5	5	1	4	1	5
Black	6	6	3	2	2	3	2	2	-	-	-
Male	4	3	2	-	-	3	1	1	-	-	-
Female	2	3	1	2	2	-	1	1	-	-	-
West Virginia	17	13	11	7	10	5	2	1	1	2	1
Male	8	6	6	5	8	5	1	-	1	1	1
Female	9	7	5	2	2	-	1	1	-	1	-
White	16	10	11	7	10	4	2	1	1	2	-
Male	8	4	6	5	8	4	1	-	1	1	-
Female	8	6	5	2	2	-	1	1	-	1	-
Black	1	3	-	-	-	1	-	-	-	-	1
Male	-	2	-	-	-	1	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-
Wisconsin	61	58	45	24	22	10	11	13	1	11	5
Male	39	39	28	15	14	6	6	6	-	6	3
Female	22	19	17	9	8	4	5	7	1	5	2
White	47	44	34	16	19	9	6	9	-	10	3
Male	30	27	23	11	13	5	4	4	-	6	1
Female	17	17	11	5	6	4	2	5	-	4	2
Black	11	11	10	7	3	1	4	4	1	1	2
Male	8	9	5	4	1	1	1	2	-	-	2
Female	3	2	5	3	2	-	3	2	1	1	-
Wyoming	3	5	6	6	3	1	2	1	1	-	1
Male	2	2	5	3	2	1	-	-	-	-	-
Female	1	3	1	3	1	-	2	1	1	-	1
White	3	5	6	6	3	1	2	1	1	-	-
Male	2	2	5	3	2	1	-	-	-	-	-
Female	1	3	1	3	1	-	2	1	1	-	1
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-

¹ Totals for geographic areas include races other than white and black.

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Table 2-12. Infant Deaths, by Month, Age, Race, and Sex: United States, 1989

(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	39,655	3,484	3,062	3,493	3,227	3,442	3,137	3,172	3,124	3,279	3,328	3,335	3,572
White	25,794	2,270	2,011	2,234	2,057	2,275	2,069	2,059	2,021	2,067	2,155	2,210	2,366
Black	12,527	1,084	940	1,119	1,067	1,065	973	999	1,012	1,102	1,070	1,008	1,088
Under 28 days	25,168	2,063	1,770	2,137	2,154	2,280	2,181	2,166	2,166	2,197	2,111	1,960	1,983
White	16,428	1,355	1,158	1,385	1,358	1,517	1,467	1,429	1,404	1,393	1,360	1,290	1,312
Black	8,021	634	561	685	738	705	657	680	709	743	691	609	609
Under 7 days	20,796	1,719	1,464	1,768	1,801	1,928	1,796	1,790	1,764	1,804	1,740	1,620	1,602
White	13,467	1,134	949	1,130	1,141	1,274	1,202	1,167	1,117	1,125	1,103	1,061	1,064
Black	6,778	529	472	587	621	610	551	578	606	629	593	510	492
Under 1 hour	4,190	332	277	376	354	371	357	359	358	350	396	312	348
White	2,812	237	182	239	233	246	253	243	241	231	259	208	240
Black	1,253	75	83	130	111	117	97	105	108	107	126	97	97
1-23 hours	10,471	844	747	887	914	997	888	907	890	910	841	850	796
White	6,390	516	454	545	537	619	575	564	522	524	504	532	498
Black	3,847	307	277	314	359	362	298	322	349	365	321	294	279
1 day	2,394	204	165	204	213	231	223	213	204	214	176	177	170
White	1,587	138	104	144	140	165	135	144	132	137	110	121	117
Black	735	62	53	57	67	58	78	64	68	69	60	50	49
2 days	1,369	110	98	106	119	124	120	117	114	131	125	103	102
White	939	78	69	70	77	87	89	85	82	83	82	69	68
Black	391	28	26	31	38	34	30	30	29	45	37	30	33
3 days	870	69	73	70	102	77	69	71	65	64	79	60	71
White	628	53	57	42	77	58	44	53	48	53	56	39	48
Black	213	14	15	23	24	15	22	17	16	10	22	18	17
4 days	634	79	43	51	43	47	65	41	54	69	56	43	43
White	480	57	34	40	33	38	48	27	38	51	45	33	36
Black	135	20	7	10	10	9	13	13	16	14	9	8	6
5 days	454	44	31	48	28	42	44	41	40	26	37	40	33
White	344	34	28	31	23	32	35	26	28	21	26	32	28
Black	97	9	3	15	5	8	8	14	9	5	10	6	5
6 days	414	37	30	26	28	39	30	41	39	40	30	35	39
White	287	21	21	19	21	29	23	25	26	25	21	27	29
Black	107	14	8	7	7	7	5	13	11	14	8	7	6
7-13 days	2,126	180	137	186	162	183	195	195	206	182	185	153	162
White	1,471	119	97	135	96	128	143	145	155	125	133	94	101
Black	564	48	37	42	57	47	47	44	44	52	43	51	52
14-20 days	1,301	89	103	100	114	108	103	100	116	123	110	104	131
White	866	53	69	63	69	70	68	66	78	87	75	80	88
Black	393	32	30	33	38	34	30	31	36	35	31	24	39
21-27 days	945	75	66	83	77	61	87	81	80	88	76	83	88
White	624	49	43	57	52	45	54	51	54	56	49	55	59
Black	266	25	22	23	22	14	29	27	23	27	24	24	26
28-59 days	3,579	293	316	291	247	293	268	304	254	299	319	331	364
White	2,280	190	201	189	158	185	163	182	168	187	200	214	243
Black	1,149	88	102	89	77	102	93	104	79	94	111	101	109
2 months	3,022	305	269	300	230	228	172	169	200	220	246	329	354
White	1,985	205	176	190	164	155	106	107	132	133	164	209	244
Black	901	87	80	91	55	62	60	50	59	80	75	104	98
3 months	2,177	237	210	209	161	150	123	132	136	148	182	208	281
White	1,437	152	149	136	105	100	88	91	79	97	124	142	174
Black	645	76	51	61	50	44	29	38	51	42	47	61	95
4 months	1,570	171	130	164	118	126	82	92	88	118	147	159	175
White	999	113	80	90	67	79	49	58	59	73	109	101	121
Black	510	54	42	66	47	42	30	30	25	40	36	49	49
5 months	1,074	118	81	92	88	94	71	78	63	82	88	103	116
White	708	78	56	51	60	63	51	54	39	49	57	71	79
Black	316	34	21	38	23	27	17	18	20	28	27	29	34
6 months	813	95	88	86	68	69	47	62	48	45	66	61	78
White	519	54	52	56	45	45	29	36	30	34	37	51	50
Black	257	40	30	23	21	21	17	21	15	10	26	9	24
7 months	621	58	57	58	43	35	53	47	42	44	61	53	70
White	392	33	38	37	22	21	30	27	26	25	44	43	46
Black	205	22	17	16	18	14	20	18	15	18	16	9	22
8 months	488	46	36	49	47	54	43	30	39	35	22	39	48
White	303	27	24	29	27	34	24	19	25	22	9	30	33
Black	163	16	10	19	19	17	17	10	12	12	10	8	13
9 months	431	37	37	41	22	41	43	37	32	28	35	38	40
White	276	23	25	27	16	28	29	26	20	16	22	20	24
Black	142	13	11	13	6	10	14	10	10	12	12	17	14
10 months	349	27	29	35	27	37	28	26	25	33	28	23	31
White	235	15	22	24	20	26	17	17	18	21	17	19	19
Black	106	12	6	9	6	9	11	9	7	12	10	4	11
11 months	363	34	39	31	22	35	26	29	31	30	23	31	32
White	232	25	30	20	15	22	16	13	21	17	12	20	21
Black	112	8	9	9	7	12	8	11	10	11	9	8	10

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Table 2-12. Infant Deaths, by Month, Age, Race, and Sex: United States, 1989—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]

Age, race, ¹ and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MALE													
Under 1 year	22,361	1,965	1,706	1,965	1,815	1,985	1,756	1,791	1,794	1,793	1,936	1,881	1,974
White	14,760	1,309	1,132	1,274	1,172	1,331	1,159	1,168	1,168	1,149	1,279	1,285	1,334
Black	6,842	590	512	607	579	595	543	554	578	578	596	534	576
Under 28 days	14,059	1,147	990	1,192	1,191	1,297	1,213	1,218	1,245	1,182	1,202	1,099	1,083
White	9,273	767	660	789	758	858	819	800	812	760	785	749	716
Black	4,387	345	299	368	401	406	365	381	404	384	385	317	332
Under 7 days	11,574	943	819	983	1,001	1,091	996	996	1,014	976	981	910	864
White	7,557	631	537	636	636	717	669	641	645	611	637	621	576
Black	3,713	286	257	319	346	347	306	327	347	335	319	262	262
Under 1 hour	2,193	172	155	198	167	201	181	192	189	183	213	170	172
White	1,495	132	107	127	110	132	127	125	131	116	147	114	127
Black	642	34	42	69	53	63	53	61	55	58	59	51	44
1-23 hours	5,845	472	410	497	533	555	487	510	512	487	477	463	442
White	3,596	288	247	309	316	351	314	319	295	281	290	309	277
Black	2,120	173	153	172	207	195	166	180	207	194	179	143	151
1 day	1,360	108	90	118	127	138	125	118	118	119	91	120	88
White	887	73	51	84	84	95	76	72	76	81	57	81	57
Black	425	33	33	32	40	38	43	41	40	32	31	34	28
2 days	840	69	60	65	60	76	79	69	74	87	81	59	61
White	582	50	46	43	41	52	58	47	53	55	55	43	39
Black	232	16	12	18	18	22	20	20	18	31	22	14	21
3 days	453	38	38	34	52	46	36	34	36	32	43	30	34
White	337	30	31	18	39	34	26	28	31	26	32	21	21
Black	101	8	7	13	12	10	8	5	5	6	10	8	9
4 days	365	46	28	27	26	27	41	24	35	27	34	26	24
White	276	32	24	23	19	20	29	16	25	21	26	20	21
Black	79	13	3	4	7	7	9	7	10	4	7	5	3
5 days	284	22	22	30	18	27	32	24	26	16	27	22	18
White	220	16	20	21	14	20	26	17	19	13	19	19	16
Black	55	5	2	8	4	5	5	7	5	3	7	2	2
6 days	234	16	16	14	18	21	15	25	24	25	15	20	25
White	164	10	11	11	13	13	13	17	15	18	11	14	18
Black	59	4	5	3	5	7	2	6	7	7	4	5	4
7-13 days	1,195	106	84	98	93	107	111	105	115	86	108	82	100
White	846	71	66	74	58	74	86	82	88	63	73	50	61
Black	300	30	15	20	29	29	22	19	23	19	31	29	34
14-20 days	739	56	50	62	56	64	57	60	73	68	68	57	68
White	500	35	35	38	34	40	37	43	49	53	48	43	45
Black	216	18	13	22	17	22	18	15	22	15	19	14	21
21-27 days	551	42	37	49	41	35	49	57	43	52	45	50	51
White	370	30	22	41	30	27	27	34	30	33	27	35	34
Black	158	11	14	7	9	8	19	20	12	15	16	12	15
28-59 days	2,026	164	176	154	149	165	155	183	152	157	189	181	201
White	1,320	106	111	104	90	112	98	108	104	98	120	126	143
Black	611	48	56	43	49	49	49	62	45	48	65	46	51
2 months	1,810	180	152	183	143	148	104	105	127	119	144	195	210
White	1,207	121	99	113	103	107	62	65	81	75	100	130	151
Black	520	51	49	55	32	34	38	33	40	41	40	54	53
3 months	1,297	132	123	126	91	98	71	78	78	92	123	121	164
White	888	92	91	85	64	66	51	56	46	63	86	82	106
Black	359	37	29	33	23	29	16	21	29	23	29	39	51
4 months	940	111	80	93	75	73	46	49	51	72	92	97	101
White	613	75	47	50	46	50	26	33	36	47	70	62	71
Black	288	33	26	36	25	21	17	15	13	22	20	33	27
5 months	584	62	43	47	47	55	35	32	30	48	60	60	65
White	400	40	29	24	36	40	26	26	18	29	42	41	49
Black	155	19	11	22	9	13	7	3	10	16	15	17	13
6 months	450	54	37	49	38	42	32	33	28	23	40	35	39
White	296	33	25	29	26	28	19	23	16	19	19	31	28
Black	141	21	11	17	12	11	13	9	11	4	18	4	10
7 months	329	29	32	25	22	18	28	34	20	25	30	30	36
White	211	20	20	18	10	11	15	21	12	14	25	23	22
Black	102	8	10	4	9	7	11	11	8	11	4	6	13
8 months	259	28	21	34	19	29	22	14	18	19	12	20	23
White	162	18	14	20	10	21	12	10	11	11	4	16	15
Black	85	8	6	13	8	7	9	4	6	7	6	3	8
9 months	231	20	19	25	16	21	17	19	17	18	17	17	25
White	149	12	12	18	11	12	12	12	11	10	13	9	16
Black	73	7	6	6	5	6	5	5	4	8	4	8	8
10 months	176	17	14	19	12	19	15	12	11	20	13	10	14
White	116	9	9	14	9	14	8	6	8	13	9	8	9
Black	58	8	5	4	3	4	7	6	3	7	4	2	5
11 months	200	21	19	18	12	20	18	14	17	18	14	16	13
White	125	16	15	10	9	12	11	8	12	10	6	8	8
Black	63	5	4	6	3	8	6	3	5	7	6	5	5

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Table 2-12. Infant Deaths, by Month, Age, Race, and Sex: United States, 1989—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]

Age, race, ¹ and sex	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
FEMALE													
Under 1 year	17,294	1,519	1,356	1,528	1,412	1,457	1,381	1,381	1,330	1,486	1,392	1,454	1,598
White	11,034	961	879	960	865	944	910	891	853	918	876	925	1,032
Black	5,685	494	428	512	488	470	430	445	434	524	474	474	512
Under 28 days	11,109	916	780	945	963	983	968	948	921	1,015	909	861	900
White	7,155	588	498	596	600	659	648	629	592	633	575	541	596
Black	3,634	289	262	317	337	299	292	299	305	359	306	292	277
Under 7 days	9,222	776	645	785	800	837	800	794	750	828	759	710	738
White	5,910	503	412	494	505	557	533	526	472	514	466	440	488
Black	3,065	243	215	268	275	263	245	251	259	294	274	248	230
Under 1 hour	1,997	160	122	178	187	170	176	167	169	167	183	142	176
White	1,317	105	75	112	123	114	126	118	110	115	112	94	113
Black	611	41	41	61	58	54	44	44	53	49	67	46	53
1-23 hours	4,626	372	337	390	381	442	401	397	378	423	364	387	354
White	2,794	228	207	236	221	268	261	245	227	243	214	223	221
Black	1,727	134	124	142	152	167	132	142	142	171	142	151	128
1 day	1,034	96	75	86	86	93	98	95	86	95	85	57	82
White	700	65	53	60	56	70	59	72	56	56	53	40	60
Black	310	29	20	25	27	20	35	23	28	37	29	16	21
2 days	529	41	38	41	59	48	41	48	40	44	44	44	41
White	357	28	23	27	36	35	31	38	29	28	27	26	29
Black	159	12	14	13	20	12	10	10	11	14	15	16	12
3 days	417	31	35	36	50	31	33	37	29	32	36	30	37
White	291	23	26	24	38	24	18	25	17	27	24	18	27
Black	112	6	8	10	12	5	14	12	11	4	12	10	8
4 days	269	33	15	24	17	20	24	17	19	42	22	17	19
White	204	25	10	17	14	18	19	11	13	30	19	13	15
Black	56	7	4	6	3	2	4	6	6	10	2	3	3
5 days	170	22	9	18	10	15	12	17	14	10	10	18	15
White	124	18	8	10	9	12	9	9	9	8	7	13	12
Black	42	4	1	7	1	3	3	7	4	2	3	4	3
6 days	180	21	14	12	10	18	15	16	15	15	15	15	14
White	123	11	10	8	8	16	10	8	11	7	10	13	11
Black	48	10	3	4	2	-	3	7	4	7	4	2	2
7-13 days	931	74	53	88	69	76	84	90	91	96	77	71	62
White	625	48	31	61	38	54	57	63	67	62	60	44	40
Black	264	18	22	22	28	18	25	25	21	33	12	22	18
14-20 days	562	33	53	38	58	44	46	40	43	55	42	47	63
White	366	18	34	25	35	30	31	23	29	34	27	37	43
Black	177	14	17	11	21	12	12	16	14	20	12	10	18
21-27 days	394	33	29	34	36	26	38	24	37	36	31	33	37
White	254	19	21	16	22	18	27	17	24	23	22	20	25
Black	128	14	8	16	13	6	10	7	11	12	8	12	11
28-59 days	1,553	129	140	137	98	128	113	121	102	142	130	150	163
White	960	84	90	85	68	73	65	74	64	89	80	88	100
Black	538	40	46	46	28	53	44	42	34	46	46	55	58
2 months	1,212	125	117	117	87	80	68	64	73	101	102	134	144
White	778	84	77	77	61	48	44	42	51	58	64	79	93
Black	381	36	31	36	23	28	22	17	19	39	35	50	45
3 months	880	105	87	83	70	52	52	54	58	56	59	87	117
White	549	60	58	51	41	34	37	35	33	34	38	60	68
Black	286	39	22	28	27	15	13	17	22	19	18	22	44
4 months	630	60	50	71	43	53	36	43	37	46	55	62	74
White	386	38	33	40	21	29	23	25	23	26	39	39	50
Black	222	21	16	30	22	21	13	15	12	18	16	16	22
5 months	490	56	38	45	41	39	36	46	33	34	28	43	51
White	308	38	27	27	24	23	25	28	21	20	15	30	30
Black	161	15	10	16	14	14	10	15	10	12	12	12	21
6 months	363	41	51	37	30	27	15	29	20	22	26	26	39
White	223	21	27	27	19	17	10	13	14	15	18	20	22
Black	116	19	19	6	9	10	4	12	4	6	8	5	14
7 months	292	29	25	33	21	17	25	13	22	19	31	23	34
White	181	13	18	19	12	10	15	6	14	11	19	20	24
Black	103	14	7	12	9	7	9	7	7	7	12	3	9
8 months	229	18	15	15	28	25	21	16	21	16	10	19	25
White	141	9	10	9	17	13	12	9	14	11	5	14	18
Black	78	8	4	6	11	10	8	6	6	5	4	5	5
9 months	200	17	18	16	6	20	26	18	15	10	18	21	15
White	127	11	13	9	5	16	17	14	8	6	9	11	8
Black	69	6	5	7	1	4	9	4	6	4	8	9	6
10 months	173	10	15	16	15	18	13	14	14	13	15	13	17
White	119	6	13	10	11	12	9	11	10	8	8	11	10
Black	48	4	1	5	3	5	4	3	4	5	6	2	6
11 months	163	13	20	13	10	15	8	15	14	12	9	15	19
White	107	9	15	10	6	10	5	5	9	7	6	12	13
Black	49	3	5	3	4	4	2	8	5	4	3	3	5

¹ Totals by age include races other than white and black.

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Table 2-13. Infant and Neonatal Deaths, by Month and Race: Each State, 1989

(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	755	61	66	52	64	69	57	58	73	63	64	61	67
White	375	27	30	27	34	30	30	28	40	31	37	25	36
Black	377	34	36	25	30	39	27	30	32	32	26	35	31
Neonatal	502	37	35	32	49	52	47	44	52	36	41	35	42
White	257	18	18	16	25	25	25	22	25	20	26	13	24
Black	243	19	17	16	24	27	22	22	27	16	14	21	18
ALASKA													
Infant	107	9	7	12	11	8	14	13	8	2	7	9	7
White	54	5	4	4	4	7	6	8	4	-	4	4	4
Black	5	-	-	1	1	-	1	-	-	-	-	2	-
Neonatal	50	7	2	3	6	6	6	6	2	-	3	6	3
White	28	5	2	-	2	5	3	4	-	-	1	3	3
Black	3	-	-	1	-	-	-	-	-	-	-	2	-
ARIZONA													
Infant	620	69	48	60	36	45	45	49	46	56	52	67	47
White	495	55	38	44	31	37	32	40	33	49	39	59	38
Black	55	9	5	6	2	-	5	4	8	4	7	3	2
Neonatal	371	43	21	39	26	28	33	32	27	35	28	42	17
White	308	34	18	30	23	25	25	28	21	29	22	39	14
Black	28	5	3	2	-	-	3	2	5	4	3	1	-
ARKANSAS													
Infant	366	25	35	37	30	28	31	41	24	31	28	21	35
White	227	15	24	26	16	19	24	26	13	15	17	14	18
Black	137	10	11	11	14	9	6	14	11	16	11	7	17
Neonatal	216	11	19	25	20	16	21	28	18	19	12	12	15
White	139	7	15	15	12	10	18	18	10	10	6	8	10
Black	75	4	4	10	8	6	2	9	8	9	6	4	5
CALIFORNIA													
Infant	4,869	423	391	457	359	416	379	413	388	400	371	406	466
White	3,571	303	300	330	265	303	286	296	274	291	269	311	343
Black	932	87	66	94	67	84	67	82	87	78	75	57	88
Neonatal	2,961	230	226	250	233	269	263	275	260	250	239	234	232
White	2,201	165	174	183	173	200	202	202	189	188	173	177	175
Black	538	45	38	48	45	50	44	55	51	45	47	34	36
COLORADO													
Infant	461	50	38	40	39	36	43	35	38	44	37	32	29
White	405	44	36	39	34	30	36	29	34	39	33	26	25
Black	45	5	2	-	4	5	5	5	4	3	4	5	3
Neonatal	272	29	17	24	24	22	28	27	25	24	21	16	15
White	233	25	16	24	21	17	23	22	22	20	18	12	13
Black	32	3	1	-	3	4	4	4	3	3	3	3	1
CONNECTICUT													
Infant	433	28	36	42	42	31	49	25	30	37	33	37	43
White	298	20	30	25	25	19	35	20	20	30	24	21	29
Black	130	8	6	16	16	12	14	5	10	6	9	14	14
Neonatal	315	15	21	31	29	22	40	24	23	29	24	25	32
White	220	13	17	20	17	12	32	19	14	24	16	12	24
Black	90	2	4	10	11	10	8	5	9	4	8	11	8
DELAWARE													
Infant	127	10	6	7	9	7	10	15	16	11	16	11	9
White	76	6	5	3	4	2	7	10	13	4	10	6	6
Black	50	4	1	4	5	5	3	5	3	7	6	4	3
Neonatal	92	8	6	3	6	6	8	10	16	6	12	7	4
White	58	5	5	1	2	1	7	7	13	1	8	6	2
Black	33	3	1	2	4	5	1	3	3	5	4	-	2
DISTRICT OF COLUMBIA													
Infant	270	22	18	32	24	24	20	24	20	28	24	15	19
White	26	3	2	5	1	2	2	1	1	3	2	1	3
Black	244	19	16	27	23	22	18	23	19	25	22	14	16
Neonatal	188	19	11	18	19	20	13	15	16	21	15	8	13
White	14	2	1	1	1	2	1	1	1	3	-	-	1
Black	174	17	10	17	18	18	12	14	15	18	15	8	12

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Table 2-13. Infant and Neonatal Deaths, by Month and Race: Each State, 1989—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	1,900	153	144	157	149	157	163	148	157	168	164	152	188
White	1,144	78	92	91	89	98	98	89	101	93	95	95	125
Black	742	74	51	63	58	58	64	57	55	75	69	56	62
Neonatal	1,253	95	87	100	99	114	120	100	110	115	106	99	108
White	738	46	56	57	58	70	70	58	70	60	62	63	68
Black	507	48	30	42	39	43	49	41	40	55	44	36	40
GEORGIA													
Infant	1,358	137	102	140	108	107	81	129	106	107	121	111	109
White	624	68	50	60	48	55	46	58	52	43	43	54	47
Black	725	67	52	79	60	52	35	69	53	63	78	56	61
Neonatal	887	82	61	94	66	72	60	89	73	71	91	72	56
White	393	41	26	44	29	36	35	37	33	26	31	32	23
Black	488	39	35	49	37	36	25	50	40	45	60	39	33
HAWAII													
Infant	160	14	24	15	12	15	13	9	11	13	8	9	17
White	28	1	1	4	-	2	1	-	8	3	1	3	4
Black	8	2	1	1	-	3	1	-	-	-	-	-	-
Neonatal	82	7	11	5	9	8	6	3	7	8	5	5	8
White	12	1	-	1	-	1	-	-	5	1	1	1	1
Black	4	-	1	-	-	2	1	-	-	-	-	-	-
IDAHO													
Infant	154	22	8	6	10	11	15	14	12	16	9	11	20
White	144	20	7	6	9	11	14	12	11	14	9	11	20
Black	1	-	-	-	-	-	-	-	-	1	-	-	-
Neonatal	100	15	4	5	7	8	8	10	5	13	7	6	12
White	93	15	3	5	6	8	7	9	4	11	7	6	12
Black	1	-	-	-	-	-	-	-	-	1	-	-	-
ILLINOIS													
Infant	2,235	184	181	189	189	195	178	169	174	200	189	195	192
White	1,282	101	98	101	104	119	96	95	113	117	126	106	106
Black	931	83	79	87	84	74	82	72	61	77	62	87	83
Neonatal	1,428	109	99	124	137	140	120	106	124	138	108	115	108
White	834	60	56	74	74	90	67	60	82	81	71	58	61
Black	577	49	41	49	62	49	53	45	42	51	36	56	44
INDIANA													
Infant	855	76	67	82	76	72	62	68	54	72	88	66	72
White	674	60	48	68	57	57	48	54	42	56	69	53	62
Black	178	15	19	14	19	15	13	14	12	15	19	13	10
Neonatal	540	49	43	46	47	48	44	41	36	46	62	38	40
White	425	41	30	37	34	39	34	35	27	36	47	30	35
Black	114	7	13	9	13	9	10	6	9	10	15	8	5
IOWA													
Infant	323	28	24	28	34	31	25	25	22	21	32	24	29
White	291	26	23	23	31	26	24	22	21	20	27	22	26
Black	23	2	-	3	3	3	-	2	1	1	4	2	2
Neonatal	214	18	17	20	26	25	19	15	16	17	16	13	12
White	191	16	16	16	23	21	19	14	15	17	13	11	10
Black	17	2	-	2	3	3	-	1	1	-	2	2	1
KANSAS													
Infant	341	30	27	37	26	34	20	26	26	25	31	30	29
White	280	23	25	26	20	27	17	21	20	24	27	27	23
Black	52	6	2	9	3	7	2	5	5	1	3	3	6
Neonatal	183	20	16	17	16	15	11	16	12	12	19	18	11
White	153	16	14	15	12	11	8	15	11	12	16	17	6
Black	25	3	2	2	2	4	2	1	1	-	2	1	5
KENTUCKY													
Infant	494	46	24	52	46	38	43	36	33	45	48	32	51
White	399	36	18	42	38	33	38	29	27	31	33	28	46
Black	92	10	6	10	8	5	5	6	6	14	14	3	5
Neonatal	283	27	11	28	29	22	26	22	21	28	26	14	29
White	229	23	7	25	22	19	24	19	16	19	17	11	27
Black	53	4	4	3	7	3	2	3	5	9	8	3	2

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Table 2-13. Infant and Neonatal Deaths, by Month and Race: Each State, 1989—Con.

(Page 4 of 6)

[Data are infant (under 1 year) and neonatal (under 28 days) deaths in specified group]

Area, age, and race ^a	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NEBRASKA													
Infant	192	12	20	13	15	17	15	13	16	24	22	11	14
White	156	11	18	12	13	12	11	10	12	16	19	10	12
Black	26	1	2	1	1	3	4	-	3	7	2	1	1
Neonatal	108	8	10	7	8	12	8	8	10	15	13	4	5
White	87	7	8	7	7	9	6	6	9	10	10	3	5
Black	16	1	2	-	1	2	2	-	-	5	2	1	-
NEVADA													
Infant	159	17	12	13	7	14	12	21	14	10	7	18	14
White	121	14	10	10	5	9	9	18	9	8	6	14	9
Black	35	2	2	3	2	4	3	3	5	1	1	4	5
Neonatal	76	7	8	8	5	9	2	11	7	5	4	4	6
White	59	6	7	5	3	6	2	10	5	4	3	3	5
Black	15	1	1	3	2	2	-	1	2	-	1	1	1
NEW HAMPSHIRE													
Infant	142	8	13	15	13	12	12	10	6	12	10	18	13
White	141	8	13	15	13	12	12	9	6	12	10	18	13
Black	1	-	-	-	-	-	-	1	-	-	-	-	-
Neonatal	89	6	11	9	6	8	4	7	5	8	6	14	5
White	89	6	11	9	6	8	4	7	5	8	6	14	5
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY													
Infant	1,135	92	99	94	95	106	86	77	97	83	96	99	111
White	651	51	63	48	55	61	52	40	61	51	53	56	60
Black	464	38	35	44	40	43	34	35	36	32	39	40	48
Neonatal	751	58	66	66	63	59	61	58	72	56	68	57	67
White	454	31	43	35	38	36	37	35	47	38	40	36	38
Black	281	24	22	29	25	22	24	21	25	18	26	19	26
NEW MEXICO													
Infant	233	20	18	24	23	15	15	13	24	17	22	17	25
White	173	12	13	18	16	11	13	9	18	15	14	15	19
Black	11	-	2	-	3	1	-	-	-	-	3	1	1
Neonatal	146	16	9	14	16	13	10	10	14	11	12	8	13
White	113	10	6	12	11	10	9	8	11	10	9	7	10
Black	6	-	1	-	3	1	-	-	-	-	-	1	-
NEW YORK													
Infant	3,094	268	231	246	251	300	229	246	241	264	265	274	279
White	1,831	154	133	135	146	176	145	146	144	158	165	163	166
Black	1,205	106	93	105	100	120	81	96	91	104	99	102	108
Neonatal	2,090	165	145	159	194	204	167	177	175	186	170	176	172
White	1,257	99	88	81	114	119	112	100	104	117	108	105	110
Black	803	62	55	75	78	82	53	75	67	68	61	67	60
NORTH CAROLINA													
Infant	1,156	109	93	102	79	107	82	77	85	108	107	101	106
White	591	62	56	56	42	62	39	32	37	47	51	48	59
Black	537	45	35	41	35	44	40	41	47	59	56	51	43
Neonatal	775	71	64	62	52	73	53	52	68	80	79	58	63
White	379	36	38	38	25	41	25	17	29	34	37	28	31
Black	380	33	25	23	27	31	25	32	38	45	42	30	29
NORTH DAKOTA													
Infant	77	7	8	7	3	6	6	4	10	10	5	7	4
White	62	4	7	6	3	6	3	3	8	7	5	6	4
Black	1	-	1	-	-	-	-	-	-	-	-	-	-
Neonatal	45	6	6	4	2	4	4	1	8	5	2	2	1
White	37	4	6	4	2	4	3	1	6	3	2	1	1
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO													
Infant	1,624	129	126	136	132	144	145	134	137	128	113	165	135
White	1,148	93	80	92	98	103	108	94	98	84	84	116	98
Black	471	35	45	44	34	41	37	40	38	43	29	48	37
Neonatal	1,033	76	78	89	83	91	107	87	93	81	70	96	82
White	739	58	49	61	59	65	79	65	62	59	54	65	63
Black	291	18	29	28	24	26	28	22	30	21	16	30	19

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Table 2-13. Infant and Neonatal Deaths, by Month and Race: Each State, 1989—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	405	29	33	28	31	38	38	35	36	26	34	43	34
White	294	21	26	19	23	26	24	25	30	17	25	31	27
Black	70	1	3	8	6	9	12	9	5	5	5	5	2
Neonatal	234	16	15	17	20	20	26	26	21	15	17	24	17
White	181	11	12	14	14	16	19	22	17	10	14	18	14
Black	35	1	1	3	4	4	5	3	4	4	2	3	1
OREGON													
Infant	368	30	27	34	37	41	32	30	23	29	29	27	29
White	329	26	23	29	34	38	31	29	22	21	24	26	26
Black	22	4	2	3	2	1	-	1	-	2	4	-	3
Neonatal	208	12	17	16	23	23	20	21	16	14	15	20	11
White	194	11	14	14	23	21	20	21	16	12	12	19	11
Black	10	1	2	2	-	1	-	-	-	1	3	-	-
PENNSYLVANIA													
Infant	1,714	158	140	137	150	151	140	139	129	134	158	122	156
White	1,111	109	89	93	94	100	88	90	75	83	100	88	102
Black	579	48	48	42	55	49	50	46	54	46	56	33	52
Neonatal	1,183	86	86	96	109	101	110	100	94	104	122	77	98
White	792	62	57	64	66	75	75	64	58	65	79	58	69
Black	375	23	27	30	43	25	34	35	36	35	41	18	28
RHODE ISLAND													
Infant	151	14	10	15	12	9	12	18	5	14	22	9	11
White	128	12	7	13	11	7	10	16	4	10	21	8	9
Black	20	2	3	1	-	2	2	2	1	4	1	1	1
Neonatal	115	6	9	10	8	8	12	14	5	11	16	5	11
White	100	6	7	9	7	7	10	13	4	8	15	5	9
Black	13	-	2	1	-	1	2	1	1	3	1	-	1
SOUTH CAROLINA													
Infant	733	59	54	58	60	61	68	51	57	61	65	70	69
White	312	30	18	24	17	26	35	24	23	28	22	34	31
Black	419	29	36	34	43	35	33	27	34	32	42	36	38
Neonatal	467	33	27	40	40	34	48	34	45	45	39	40	42
White	200	17	8	19	13	12	23	14	20	22	15	21	16
Black	266	16	19	21	27	22	25	20	25	22	24	19	26
SOUTH DAKOTA													
Infant	106	11	4	11	11	6	6	11	8	8	12	8	10
White	64	6	4	5	6	5	4	7	5	5	5	6	6
Black	1	-	-	-	1	-	-	-	-	-	-	-	-
Neonatal	51	7	2	7	3	3	3	5	5	6	4	3	3
White	34	4	2	4	2	3	1	3	4	5	2	2	2
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE													
Infant	790	76	74	67	65	48	71	57	64	57	55	79	77
White	459	44	41	46	35	33	46	32	40	19	30	44	49
Black	327	30	32	21	29	15	25	25	24	38	25	35	28
Neonatal	500	47	39	40	40	31	49	40	48	37	40	43	46
White	279	20	19	29	21	20	33	22	32	14	23	20	26
Black	220	26	20	11	19	11	16	18	16	23	17	23	20
TEXAS													
Infant	2,817	254	235	265	209	273	202	232	229	224	224	215	255
White	2,043	182	186	196	144	204	149	175	143	152	164	165	183
Black	728	67	46	64	60	66	50	55	82	66	55	48	69
Neonatal	1,730	139	128	154	142	183	139	154	159	147	135	125	125
White	1,237	100	103	116	97	137	104	114	96	97	96	95	82
Black	464	36	24	36	42	43	33	40	60	46	36	28	40
UTAH													
Infant	285	26	22	30	18	24	17	21	21	24	20	29	33
White	255	22	21	26	15	20	14	21	19	22	18	26	31
Black	6	-	-	1	2	1	-	-	-	1	-	1	-
Neonatal	158	13	11	20	7	14	12	16	14	15	9	13	14
White	142	13	11	17	6	12	9	16	13	14	7	11	13
Black	5	-	-	1	1	1	-	-	-	1	-	1	-

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Table 2-13. Infant and Neonatal Deaths, by Month and Race: Each State, 1989—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	59	5	2	2	5	5	4	4	5	3	9	6	9
White	59	5	2	2	5	5	4	4	5	3	9	6	9
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
Neonatal	41	4	1	1	4	3	3	3	5	-	8	5	4
White	41	4	1	1	4	3	3	3	5	-	8	5	4
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA													
Infant	969	83	67	78	82	107	72	83	71	88	73	77	88
White	519	42	34	40	36	58	40	44	38	46	46	46	49
Black	436	41	33	36	44	48	32	37	32	40	27	31	35
Neonatal	687	55	42	55	63	81	54	65	55	63	44	56	54
White	370	28	17	30	28	44	34	39	29	31	27	34	29
Black	307	27	25	24	33	37	20	25	25	30	17	22	22
WASHINGTON													
Infant	691	63	52	70	48	66	50	41	49	50	68	72	62
White	573	51	43	55	41	56	39	34	43	44	57	60	50
Black	63	10	5	6	5	6	6	4	1	3	7	5	5
Neonatal	381	37	28	34	23	39	29	23	33	32	37	37	29
White	326	31	22	31	19	32	23	20	29	32	32	30	25
Black	37	5	5	1	4	5	4	2	1	-	3	4	3
WEST VIRGINIA													
Infant	209	26	11	18	25	14	11	16	15	18	19	21	15
White	198	25	9	17	25	14	11	14	14	17	17	21	14
Black	11	1	2	1	-	-	-	2	1	1	2	-	1
Neonatal	139	15	9	14	20	7	7	11	8	10	15	15	8
White	134	15	8	13	20	7	7	11	8	9	14	15	7
Black	5	-	1	1	-	-	-	-	-	1	1	-	1
WISCONSIN													
Infant	652	67	52	61	66	53	50	43	56	38	43	60	63
White	514	53	38	47	48	42	42	34	43	31	33	49	54
Black	116	11	10	12	15	8	8	8	12	7	8	9	8
Neonatal	391	36	33	40	46	31	28	26	34	24	26	28	39
White	317	30	25	29	36	25	24	20	29	21	21	23	34
Black	61	5	6	9	8	4	4	5	4	3	4	4	5
WYOMING													
Infant	65	5	6	9	9	3	4	1	7	2	10	4	5
White	63	5	5	9	9	3	3	1	7	2	10	4	5
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
Neonatal	36	5	3	3	4	2	3	-	5	2	6	3	-
White	34	5	2	3	4	2	2	-	5	2	6	3	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-

¹ Totals for geographic areas include races other than white and black.

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Table 2-14. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Month: United States, 1989

(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	39,655	3,484	3,082	3,493	3,227	3,442	3,137	3,172	3,124	3,279	3,328	3,335	3,572
Certain intestinal infections (008-009)	92	10	8	5	7	12	8	6	11	3	9	4	9
Whooping cough (033)	9	-	1	2	-	-	-	1	2	1	1	1	-
Meningococcal infection (036)	58	5	13	8	8	4	1	2	1	4	1	7	4
Septicemia (038)	290	36	26	26	18	28	22	19	15	27	26	24	23
Viral Diseases (045-079)	139	9	13	7	12	12	13	9	9	7	14	10	24
Congenital syphilis (090)	19	1	1	2	2	1	2	1	1	2	3	1	2
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	274	30	22	32	24	16	23	25	24	20	16	19	23
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	107	9	6	13	13	9	9	5	5	7	5	10	16
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	56	4	9	3	7	4	3	3	4	4	3	6	6
Diseases of thymus gland (254)	6	1	-	-	-	1	1	-	-	-	1	1	1
Cystic fibrosis (277.0)	15	2	-	-	1	1	1	-	1	3	4	1	1
Diseases of blood and blood-forming organs (280-289)	90	7	9	10	10	1	5	11	8	3	8	9	9
Meningitis (320-322)	229	31	17	22	14	12	16	19	18	15	21	19	25
Other diseases of nervous system and sense organs (323-389)	492	64	41	30	30	39	39	33	37	32	48	54	45
Acute upper respiratory infections (460-465)	34	7	7	1	2	1	3	-	1	-	3	6	3
Bronchitis and bronchiolitis (466,490-491)	103	16	14	9	9	6	4	4	1	5	7	6	22
Pneumonia and influenza (480-487)	636	62	73	75	46	50	42	30	35	30	47	50	96
Pneumonia (480-486)	624	61	70	71	45	49	42	30	35	30	45	50	96
Influenza (487)	12	1	3	4	1	1	-	-	-	-	2	-	-
Remainder of diseases of respiratory system (470-478,492-519)	384	28	46	38	28	26	35	25	21	33	27	32	45
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	88	9	7	8	4	10	7	4	8	6	8	9	8
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	100	7	9	11	3	10	8	11	12	5	8	8	8
Remainder of diseases of digestive system (520-534,536-543,562-579)	171	18	15	17	14	11	7	12	8	16	17	18	18
Congenital anomalies (740-759)	8,120	698	614	657	626	697	698	690	719	682	701	639	699
Anencephalus and similar anomalies (740)	460	36	37	52	33	33	50	48	36	33	30	32	40
Spina bifida (741)	73	10	5	4	6	6	6	3	9	9	4	7	4
Congenital hydrocephalus (742.9)	172	17	9	16	9	15	12	14	19	15	17	15	14
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	314	22	22	31	21	33	26	24	28	24	21	32	30
Congenital anomalies of heart (745-746)	2,559	219	218	190	188	219	211	205	233	213	233	209	221
Other congenital anomalies of circulatory system (747)	491	36	44	43	46	37	45	32	56	39	35	29	49
Congenital anomalies of respiratory system (748)	1,256	106	82	99	104	118	109	112	98	110	124	97	97
Congenital anomalies of digestive system (749-751)	111	14	10	10	8	6	12	9	10	10	8	7	7
Congenital anomalies of genitourinary system (752-753)	473	45	30	32	48	41	37	41	49	31	30	46	43
Congenital anomalies of musculoskeletal system (754-756)	543	47	43	39	38	49	51	43	51	50	52	32	48
Down's syndrome (758.0)	93	7	5	10	8	8	6	9	7	7	9	4	13
Other chromosomal anomalies (758.1-758.9)	897	81	64	81	65	73	73	81	72	80	73	74	80
All other and unspecified congenital anomalies (744,757,759)	678	58	45	50	52	59	60	69	51	61	65	55	53
Certain conditions originating in the perinatal period (760-779)	18,564	1,523	1,317	1,609	1,599	1,713	1,568	1,593	1,571	1,623	1,555	1,448	1,445
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	199	17	11	16	12	17	15	20	30	17	18	12	14
Newborn affected by maternal complications of pregnancy (761)	1,534	112	100	128	124	163	137	116	139	137	132	129	117
Newborn affected by complications of placenta, cord, and membranes (762)	984	78	86	98	104	87	72	82	66	73	86	71	81
Newborn affected by other complications of labor and delivery (763)	68	5	8	7	6	4	6	6	5	7	3	6	5
Slow fetal growth and fetal malnutrition (764)	30	2	3	1	4	5	1	1	1	2	3	3	4
Disorders relating to short gestation and unspecified low birthweight (765)	3,931	272	297	326	338	361	342	328	351	344	329	321	322
Disorders relating to long gestation and high birthweight (766)	1	-	-	-	-	-	-	-	-	1	-	-	-
Birth trauma (767)	222	19	21	17	19	24	22	11	19	19	18	17	16
Intrauterine hypoxia and birth asphyxia (768)	725	48	42	68	63	68	69	55	64	62	78	55	53
Fetal distress in liveborn infant (768.2-768.4)	193	16	11	19	15	15	13	16	17	8	30	15	18
Birth asphyxia (768.5-768.9)	532	32	31	49	48	53	56	39	47	54	48	40	35
Respiratory distress syndrome (769)	3,631	344	220	323	350	344	309	319	310	328	283	264	237
Other respiratory conditions of newborn (770)	3,344	283	247	311	272	283	328	280	280	286	263	247	261
Infections specific to the perinatal period (771)	892	69	63	58	69	86	87	67	69	100	70	80	74
Neonatal hemorrhage (772)	263	17	15	31	17	20	30	16	22	27	21	24	23
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	37	4	4	2	2	5	1	5	4	3	1	4	2
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	10	2	-	-	-	-	-	-	1	2	1	3	1
Hemorrhagic disease of newborn (776.0)	3	-	-	1	1	-	-	-	-	-	-	-	1
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,690	251	200	222	218	246	194	239	210	215	249	212	234
Symptoms, signs, and ill-defined conditions (780-799)	6,627	657	570	636	529	537	415	399	379	489	573	665	778
Sudden infant death syndrome (798.0)	5,634	581	488	541	440	455	348	343	311	407	471	572	677
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	993	76	82	95	89	82	67	56	68	82	102	93	101
Accidents and adverse effects (E800-E949)	996	91	61	95	68	86	65	85	99	97	66	94	89
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	162	12	11	19	17	11	8	11	16	20	11	11	15
Accidental mechanical suffocation (E913)	248	23	13	24	14	23	15	25	25	27	15	25	19
Other accidental causes and adverse effects (E800-E910,E914-E949)	586	56	37	52	37	52	42	49	58	50	40	58	55
Homicide (E960-E969)	335	25	28	28	24	21	22	27	22	36	27	43	32
Child battering and other maltreatment (E967)	122	7	11	11	11	5	8	13	8	13	11	11	13
Other homicide (E960-E966,E968-E969)	213	18	17	17	13	16	14	14	14	23	16	32	19
All other causes (Residual)	1,621	134	135	149	129	134	120	158	113	128	129	151	141

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Table 2-14. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Month: United States, 1989—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 and age	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Neonatal deaths - All causes	25,168	2,063	1,770	2,137	2,154	2,280	2,181	2,166	2,166	2,197	2,111	1,960	1,983
Certain intestinal infections (008-009)	2	-	-	1	-	-	-	-	-	-	1	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral Diseases (045-079)	32	-	3	-	4	3	4	1	2	3	5	4	3
Congenital syphilis (090)	17	1	1	2	2	1	2	1	1	1	3	1	1
Remainder of infectious and parasitic diseases (001-007, 010-032, 034-035, 037, 039-041, *042, *044, 080-088, 091-139)	18	1	3	1	1	1	2	2	1	2	1	2	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	21	1	1	3	3	-	3	1	-	2	2	2	3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	29	1	4	2	4	3	1	1	3	1	3	3	3
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	5	2	-	-	-	-	1	-	-	1	1	-	-
Diseases of blood and blood-forming organs (280-289)	35	4	3	3	3	1	2	4	5	1	2	4	3
Meningitis (320-322)	36	4	-	2	-	1	2	5	7	1	7	4	3
Other diseases of nervous system and sense organs (323-389)	41	5	2	3	1	1	5	1	3	7	4	3	6
Acute upper respiratory infections (460-465)	2	1	-	-	1	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	1	-	-	-	-	-	-	-	-	-	-	-	1
Pneumonia and influenza (480-487)	100	3	8	11	9	10	10	8	8	11	5	6	11
Pneumonia (480-486)	100	3	8	11	9	10	10	8	8	11	5	6	11
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	43	2	7	4	4	5	2	1	-	7	5	3	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	39	3	4	2	1	6	6	1	3	2	4	6	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	25	1	2	1	-	3	4	3	3	3	3	2	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	31	5	3	6	3	-	-	2	2	3	2	2	3
Congenital anomalies (740-759)	5,902	493	423	489	482	513	548	520	537	498	485	447	467
Anencephalus and similar anomalies (740)	446	35	35	51	32	32	50	47	35	33	27	31	38
Spina bifida (741)	52	8	4	3	3	6	5	2	5	7	3	4	2
Congenital hydrocephalus (742.3)	94	8	5	6	7	8	9	5	12	11	4	9	10
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	190	11	13	21	13	20	19	16	20	13	12	15	17
Congenital anomalies of heart (745-746)	1,514	126	121	122	116	134	135	130	149	124	133	114	110
Other congenital anomalies of circulatory system (747)	352	24	30	33	36	25	34	22	42	28	20	20	38
Congenital anomalies of respiratory system (748)	1,137	94	76	90	98	98	101	102	89	102	112	87	88
Congenital anomalies of digestive system (749-751)	47	6	2	3	5	4	8	1	6	4	3	2	3
Congenital anomalies of genitourinary system (752-753)	449	43	27	30	44	40	36	39	47	29	30	46	38
Congenital anomalies of musculoskeletal system (754-756)	468	42	36	33	35	43	43	40	46	43	40	27	40
Down's syndrome (758.0)	42	4	-	4	6	6	3	4	3	6	3	2	1
Other chromosomal anomalies (758.1-758.9)	616	55	41	56	48	48	56	60	50	56	51	48	47
All other and unspecified congenital anomalies (744,757,759)	495	37	33	37	39	49	49	52	33	42	47	42	35
Certain conditions originating in the perinatal period (760-779)	17,378	1,413	1,214	1,493	1,511	1,624	1,479	1,495	1,483	1,527	1,451	1,356	1,332
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	174	12	9	14	11	16	13	18	28	17	14	10	12
Newborn affected by maternal complications of pregnancy (761)	1,520	109	98	126	123	163	137	114	138	137	130	128	117
Newborn affected by complications of placenta, cord, and membranes (762)	973	77	86	98	102	87	71	81	65	72	86	68	80
Newborn affected by other complications of labor and delivery (763)	66	4	8	7	6	4	6	6	5	7	2	6	5
Slow fetal growth and fetal malnutrition (764)	27	2	3	1	3	5	1	1	-	2	3	3	3
Disorders relating to short gestation and unspecified low birthweight (765)	3,878	270	291	320	332	356	338	324	345	340	328	316	318
Disorders relating to long gestation and high birthweight (766)	1	-	-	-	-	-	-	-	-	1	-	-	-
Birth trauma (767)	215	17	19	17	19	23	22	11	18	19	18	16	16
Intrauterine hypoxia and birth asphyxia (768)	653	41	38	61	58	63	62	49	59	59	69	47	47
Fetal distress in liveborn infant (768.2-768.4)	175	14	10	17	15	13	11	13	17	7	27	13	18
Birth asphyxia (768.5-768.9)	478	27	28	44	43	50	51	36	42	52	42	34	29
Respiratory distress syndrome (769)	3,386	322	205	300	323	327	286	300	295	305	258	246	219
Other respiratory conditions of newborn (770)	2,760	229	196	250	235	238	240	275	236	237	217	209	198
Infections specific to the perinatal period (771)	833	64	54	52	69	83	82	63	66	95	63	76	66
Neonatal hemorrhage (772)	262	17	15	31	17	20	30	16	22	27	21	24	22
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	33	4	4	2	1	4	1	5	3	3	1	3	2
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	9	2	-	-	-	-	-	-	1	1	1	3	1
Hemorrhagic disease of newborn (776.0)	2	-	-	1	1	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,586	243	188	213	211	235	190	232	202	205	240	201	226
Symptoms, signs, and ill-defined conditions (780-799)	619	53	40	46	62	42	47	42	44	63	59	46	75
Sudden infant death syndrome (798.0)	398	36	26	35	37	28	28	27	25	39	33	26	58
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	221	17	14	11	25	14	19	15	19	24	26	20	17
Accidents and adverse effects (E800-E949)	96	13	5	8	8	9	5	5	11	6	5	6	15
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	16	4	-	3	1	-	1	-	2	2	-	1	2
Accidental mechanical suffocation (E913)	20	-	-	2	2	2	1	2	3	1	1	1	4
Other accidental causes and adverse effects (E800-E910,E914-E949)	60	9	5	3	5	7	3	3	6	3	4	3	9
Homicide (E960-E969)	69	7	6	4	9	2	5	3	2	7	8	9	7
Child battering and other maltreatment (E967)	11	1	-	-	3	-	-	-	-	1	4	1	1
Other homicide (E960-E966,E968-E969)	58	6	6	4	6	2	5	3	2	6	4	8	6
All other causes (Residual)	627	50	41	56	46	55	53	70	51	51	55	54	45

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Table 2-14. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Month: United States, 1989—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	14,487	1,421	1,292	1,356	1,073	1,162	956	1,006	958	1,082	1,217	1,375	1,589
Certain intestinal infections (008-009)	90	10	8	4	7	12	8	6	11	3	8	4	9
Whooping cough (033)	9	-	1	2	-	-	-	1	1	2	1	1	-
Meningococcal infection (036)	58	5	13	8	8	4	1	2	1	4	1	7	4
Septicemia (038)	290	36	26	26	18	28	22	19	15	27	26	24	23
Viral Diseases (045-079)	107	9	10	7	8	9	9	8	7	4	9	6	21
Congenital syphilis (090)	2	-	-	-	-	-	-	-	-	1	-	-	1
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042,*044,080-088,091-139)	256	29	19	31	23	15	21	23	23	18	15	17	22
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	86	8	5	10	10	9	6	4	5	5	3	8	13
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	27	3	5	1	3	1	2	2	1	3	-	3	3
Diseases of thymus gland (254)	6	1	-	-	-	1	1	-	-	1	1	1	1
Cystic fibrosis (277.0)	10	-	-	-	1	1	-	-	1	2	3	1	1
Diseases of blood and blood-forming organs (280-289)	55	3	6	7	7	-	3	7	3	2	6	5	6
Meningitis (320-322)	193	27	17	20	14	11	14	14	11	14	14	15	22
Other diseases of nervous system and sense organs (323-389)	451	59	39	27	29	38	34	32	34	25	44	51	39
Acute upper respiratory infections (460-465)	32	6	7	1	1	1	3	-	1	-	3	6	3
Bronchitis and bronchiolitis (466,490-491)	102	16	14	9	9	6	4	4	1	5	7	6	21
Pneumonia and influenza (480-487)	536	59	65	64	37	40	32	22	27	19	42	44	85
Pneumonia (480-486)	524	58	62	60	36	39	32	22	27	19	40	44	85
Influenza (487)	12	1	3	4	1	1	-	-	-	-	2	-	-
Remainder of diseases of respiratory system (470-478,492-519)	341	26	39	34	24	21	33	24	21	26	22	29	42
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	49	6	3	6	3	4	1	3	5	4	4	3	7
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	75	6	7	10	3	7	4	8	9	2	5	6	8
Remainder of diseases of digestive system (520-534,536-543,562-579)	140	13	12	11	11	11	7	10	6	13	15	16	15
Congenital anomalies (740-759)	2,218	205	191	168	144	184	150	170	182	184	216	192	232
Anencephalus and similar anomalies (740)	14	1	2	1	1	1	-	1	-	3	1	1	2
Spina bifida (741)	21	2	1	1	3	-	1	1	4	2	1	3	2
Congenital hydrocephalus (742.3)	78	9	4	10	2	7	3	9	7	4	13	6	4
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	124	11	9	10	8	13	7	8	8	11	9	17	13
Congenital anomalies of heart (745-746)	1,045	93	97	68	72	85	76	75	84	89	100	95	111
Other congenital anomalies of circulatory system (747)	139	12	14	10	10	12	11	10	14	11	15	9	11
Congenital anomalies of respiratory system (748)	119	12	6	9	6	20	8	10	9	8	12	10	9
Congenital anomalies of digestive system (749-751)	64	8	8	7	3	2	4	8	4	6	5	5	4
Congenital anomalies of genitourinary system (752-753)	24	2	3	2	4	1	2	2	2	-	-	-	5
Congenital anomalies of musculoskeletal system (754-756)	75	5	7	6	3	6	8	3	5	7	12	5	8
Down's syndrome (758.0)	51	3	5	6	2	2	3	5	4	1	6	2	12
Other chromosomal anomalies (758.1-758.9)	281	26	23	25	17	25	17	21	22	24	22	26	33
All other and unspecified congenital anomalies (744,757,759)	183	21	12	13	13	10	11	17	18	19	18	13	18
Certain conditions originating in the perinatal period (760-779)	1,186	110	103	116	88	89	89	98	88	96	104	92	113
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	25	5	2	2	1	1	2	2	2	-	4	2	2
Newborn affected by maternal complications of pregnancy (761)	14	3	2	2	1	-	-	2	1	-	2	1	-
Newborn affected by complications of placenta, cord, and membranes (762)	11	1	-	-	2	-	1	1	1	1	-	3	1
Newborn affected by other complications of labor and delivery (763)	2	1	-	-	-	-	-	-	-	-	1	-	-
Slow fetal growth and fetal malnutrition (764)	3	-	-	-	1	-	-	-	1	-	-	-	1
Disorders relating to short gestation and unspecified low birthweight (765)	53	2	6	6	6	5	4	4	6	4	1	5	4
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	7	2	2	-	-	1	-	-	1	-	-	1	-
Intrauterine hypoxia and birth asphyxia (768)	72	7	4	7	5	5	7	6	5	3	9	8	6
Fetal distress in liveborn infant (768.2-768.4)	18	2	1	2	-	2	2	3	-	1	3	2	-
Birth asphyxia (768.5-768.9)	54	5	3	5	5	3	5	3	5	2	6	6	6
Respiratory distress syndrome (769)	245	22	15	23	27	17	23	19	15	23	25	18	18
Other respiratory conditions of newborn (770)	584	54	51	61	37	45	43	53	44	49	46	38	63
Infections specific to the perinatal period (771)	59	5	9	6	-	3	5	4	3	5	7	4	8
Neonatal hemorrhage (772)	1	-	-	-	-	-	-	-	-	-	-	-	1
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	4	-	-	-	1	1	-	-	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)	1	-	-	-	-	-	-	-	-	-	-	-	1
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	104	8	12	9	7	11	4	7	8	10	9	11	8
Symptoms, signs, and ill-defined conditions (780-799)	6,008	604	530	590	467	495	368	357	335	426	514	619	703
Sudden infant death syndrome (798.0)	5,236	545	462	506	403	427	320	316	286	368	438	546	619
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	772	59	68	84	64	68	48	41	49	58	76	73	84
Accidents and adverse effects (E800-E949)	900	78	56	87	60	77	60	80	88	91	61	88	74
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	146	8	11	16	16	11	7	11	14	18	11	10	13
Accidental mechanical suffocation (E913)	228	23	13	22	12	21	14	23	22	26	14	23	15
Other accidental causes and adverse effects (E800-E910,E914-E949)	526	47	32	49	32	45	39	46	52	47	36	55	46
Homicide (E960-E969)	266	18	22	24	15	19	17	24	20	29	19	34	25
Child battering and other maltreatment (E967)	111	6	11	11	8	5	8	13	8	12	7	10	12
Other homicide (E960-E966,E968-E969)	155	12	11	13	7	14	9	11	12	17	12	24	13
All other causes (Residual)	994	84	94	93	83	79	67	88	62	77	74	97	96

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Table 2-15. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1989

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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 , infant deaths									
All causes	39,655	25,392	14,263	31,433	23,534	7,899	8,222	1,858	6,364
Certain intestinal infections (008-009)	92	77	15	84	76	8	8	1	7
Whooping cough (033)	9	8	1	9	8	1	-	-	-
Meningococcal infection (036)	58	40	18	48	37	11	10	3	7
Septicemia (038)	290	194	96	222	176	46	68	18	50
Viral diseases (045-079)	139	84	55	99	81	18	40	3	37
Congenital syphilis (090)	19	16	3	18	16	2	1	-	1
Remainder of infectious and parasitic diseases (001-007, 010-032, 034-035, 037, 039-041, *042-*044, 080-088, 091-139)	274	206	68	239	199	40	35	7	28
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	107	58	49	83	55	28	24	3	21
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	56	37	19	49	35	14	7	2	5
Diseases of thymus gland (254)	6	4	2	4	4	-	2	-	2
Cystic fibrosis (277.0)	15	6	9	12	6	6	5	-	3
Diseases of blood and blood-forming organs (280-289)	90	53	37	71	48	23	19	5	14
Meningitis (320-322)	229	131	98	176	121	55	53	10	43
Other diseases of nervous system and sense organs (323-389)	492	298	194	389	272	117	103	26	77
Acute upper respiratory infections (460-465)	34	16	18	19	14	5	15	2	13
Bronchitis and bronchiolitis (466,490-491)	103	75	28	83	69	14	20	6	14
Pneumonia and influenza (480-487)	636	400	236	484	366	118	152	34	118
Pneumonia (480-486)	624	393	231	477	361	116	147	32	115
Influenza (487)	12	7	5	7	5	2	5	2	3
Remainder of diseases of respiratory system (470-478,492-519)	384	236	148	287	215	72	97	21	76
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	88	56	32	74	52	22	14	4	10
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	100	66	34	80	60	20	20	6	14
Remainder of diseases of digestive system (520-534,536-543,562-579)	171	107	64	130	100	30	41	7	34
Congenital anomalies (740-759)	8,120	4,839	3,281	6,230	4,415	1,815	1,890	424	1,466
Anencephalus and similar anomalies (740)	460	282	178	355	260	95	105	22	83
Spina bifida (741)	73	44	29	54	40	14	19	4	15
Congenital hydrocephalus (742.3)	172	98	74	128	89	39	44	9	35
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	314	200	114	249	182	67	65	18	47
Congenital anomalies of heart (745-746)	2,559	1,540	1,019	1,965	1,407	558	594	133	461
Other congenital anomalies of circulatory system (747)	491	301	190	352	270	82	139	31	108
Congenital anomalies of respiratory system (748)	1,256	736	520	971	680	291	285	56	229
Congenital anomalies of digestive system (749-751)	111	63	48	87	58	29	24	5	19
Congenital anomalies of genitourinary system (752-753)	473	269	204	353	239	114	120	30	90
Congenital anomalies of musculoskeletal system (754-756)	543	316	227	407	281	126	136	35	101
Down's syndrome (758.0)	93	48	45	68	42	26	25	6	19
Other chromosomal anomalies (758.1-758.9)	897	538	359	710	495	215	187	43	144
All other and unspecified congenital anomalies (744,757,759)	678	404	274	531	372	159	147	32	115
Certain conditions originating in the perinatal period (760-779)	18,564	12,354	6,210	15,115	11,574	3,541	3,449	780	2,669
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	199	150	49	168	140	28	31	10	21
Newborn affected by maternal complications of pregnancy (761)	1,534	997	537	1,218	925	293	316	72	244
Newborn affected by complications of placenta, cord, and membranes (762)	984	633	351	768	575	193	216	58	158
Newborn affected by other complications of labor and delivery (763)	68	41	27	51	36	15	17	5	12
Slow fetal growth and fetal malnutrition (764)	30	21	9	24	18	6	6	3	3
Disorders relating to short gestation and unspecified low birthweight (765)	3,931	2,731	1,200	3,295	2,579	716	636	152	484
Disorders relating to long gestation and high birthweight (766)	1	-	1	1	-	1	-	-	-
Birth trauma (767)	222	139	83	176	131	45	46	8	36
Intrauterine hypoxia and birth asphyxia (768)	725	468	257	572	439	133	153	29	124
Fetal distress in liveborn infant (768.2-768.4)	193	114	79	149	107	42	44	7	37
Birth asphyxia (768.5-768.9)	532	354	178	423	332	91	109	22	87
Respiratory distress syndrome (769)	3,631	2,330	1,301	2,929	2,186	743	702	144	558
Other respiratory conditions of newborn (770)	3,344	2,204	1,140	2,712	2,076	636	632	128	504
Infections specific to the perinatal period (771)	892	583	309	698	535	163	194	48	146
Neonatal hemorrhage (772)	263	176	87	215	160	55	48	16	32
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	37	18	19	27	15	12	10	3	7
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	10	5	5	8	5	3	2	-	2
Hemorrhagic disease of newborn (776.0)	3	3	-	3	3	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,690	1,855	835	2,250	1,751	499	440	104	336
Symptoms, signs, and ill-defined conditions (780-799)	6,627	4,203	2,424	5,183	3,879	1,304	1,444	324	1,120
Sudden infant death syndrome (798.0)	5,634	3,456	2,178	4,319	3,162	1,157	1,315	294	1,021
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	993	747	246	864	717	147	129	30	99
Accidents and adverse effects (E800-E949)	996	596	400	719	526	193	277	70	207
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	162	81	81	103	67	36	59	14	45
Accidental mechanical suffocation (E913)	248	167	81	194	150	44	54	17	37
Other accidental causes and adverse effects (E800-E910,E914-E949)	586	348	238	422	309	113	164	39	125
Homicide (E960-E969)	335	232	103	276	216	60	59	16	43
Child battering and other maltreatment (E967)	122	85	37	97	77	20	25	8	17
Other homicide (E960-E966,E968-E969)	213	147	66	179	139	40	34	8	26
All other causes (Residual)	1,621	1,000	621	1,250	914	336	371	86	285

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Table 2-15. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1989—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 infant deaths									
All causes	25,794	14,622	11,172	19,785	13,351	6,434	6,009	1,271	4,738
Certain intestinal infections (008-009)	38	28	10	33	28	5	5	-	5
Whooping cough (033)	7	6	1	7	6	1	-	-	-
Meningococcal infection (036)	43	28	15	36	26	10	7	2	5
Septicemia (038)	173	101	72	124	87	37	49	14	35
Viral diseases (045-079)	89	49	40	59	46	13	30	3	27
Congenital syphilis (090)	4	4	-	4	4	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	143	101	42	120	95	25	23	6	17
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	92	44	48	70	42	28	22	2	20
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	39	21	18	32	19	13	7	2	5
Diseases of thymus gland (254)	5	3	2	3	3	-	2	-	2
Cystic fibrosis (277.0)	11	3	8	8	3	5	3	-	3
Diseases of blood and blood-forming organs (280-289)	49	23	25	35	21	14	13	2	11
Meningitis (320-322)	128	67	61	101	60	41	27	7	20
Other diseases of nervous system and sense organs (323-389)	363	199	164	287	182	105	76	17	59
Acute upper respiratory infections (460-465)	29	14	15	17	12	5	12	2	10
Bronchitis and bronchiolitis (466,490-491)	58	37	21	46	34	12	12	3	9
Pneumonia and influenza (480-487)	396	224	172	298	203	95	98	21	77
Pneumonia (480-486)	386	217	169	292	198	94	94	19	75
Influenza (487)	10	7	3	6	5	1	4	2	2
Remainder of diseases of respiratory system (470-478,492-519)	230	119	111	167	108	59	63	11	52
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	57	32	25	48	30	18	9	2	7
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	48	23	25	37	21	16	11	2	9
Remainder of diseases of digestive system (520-534,536-543,562-579)	96	50	46	68	46	22	28	4	24
Congenital anomalies (740-759)	6,312	3,478	2,834	4,739	3,138	1,601	1,573	340	1,233
Anencephalus and similar anomalies (740)	387	229	158	293	208	85	94	21	73
Spina bifida (741)	63	35	28	44	31	13	19	4	15
Congenital hydrocephalus (742.3)	119	66	53	90	60	30	29	6	23
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	244	150	94	194	137	57	50	13	37
Congenital anomalies of heart (745-746)	1,983	1,092	891	1,490	987	503	493	105	388
Other congenital anomalies of circulatory system (747)	354	194	160	244	169	75	110	25	85
Congenital anomalies of respiratory system (748)	954	521	433	719	474	245	235	47	188
Congenital anomalies of digestive system (749-751)	82	40	42	62	38	24	20	2	18
Congenital anomalies of genitourinary system (752-753)	388	208	180	286	186	100	102	22	80
Congenital anomalies of musculoskeletal system (754-756)	431	224	207	308	195	113	123	29	94
Down's syndrome (758.0)	72	33	39	51	29	22	21	4	17
Other chromosomal anomalies (758.1-758.9)	713	399	314	553	361	192	160	38	122
All other and unspecified congenital anomalies (744,757,759)	522	287	235	405	263	142	117	24	93
Certain conditions originating in the perinatal period (760-779)	11,181	6,506	4,675	8,780	6,008	2,772	2,401	498	1,903
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	104	69	35	85	65	20	19	4	15
Newborn affected by maternal complications of pregnancy (761)	987	558	429	743	507	236	244	51	193
Newborn affected by complications of placenta, cord, and membranes (762)	672	377	295	498	337	161	174	40	134
Newborn affected by other complications of labor and delivery (763)	41	19	22	28	16	12	13	3	10
Slow fetal growth and fetal malnutrition (764)	22	15	7	18	12	6	4	3	1
Disorders relating to short gestation and unspecified low birthweight (765)	1,981	1,175	806	1,603	1,095	508	378	80	298
Disorders relating to long gestation and high birthweight (766)	1	-	1	-	-	1	-	-	-
Birth trauma (767)	147	82	65	111	75	36	36	7	29
Intrauterine hypoxia and birth asphyxia (768)	466	274	192	355	251	104	111	23	88
Fetal distress in liveborn infant (768.2-768.4)	131	68	63	97	63	34	34	5	29
Birth asphyxia (768.5-768.9)	335	206	129	258	188	70	77	18	59
Respiratory distress syndrome (769)	2,384	1,365	1,019	1,889	1,276	613	495	89	406
Other respiratory conditions of newborn (770)	2,013	1,147	866	1,565	1,060	505	448	87	361
Infections specific to the perinatal period (771)	571	331	240	428	295	133	143	36	107
Neonatal hemorrhage (772)	168	99	69	130	86	44	38	13	25
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	22	14	8	16	11	5	6	3	3
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	8	4	4	6	4	2	2	-	2
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,594	977	617	1,304	918	386	290	59	231
Symptoms, signs, and ill-defined conditions (780-799)	4,323	2,433	1,890	3,283	2,216	1,067	1,040	217	823
Sudden infant death syndrome (798.0)	3,773	2,057	1,716	2,807	1,854	953	966	203	763
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	550	376	174	476	362	114	74	14	60
Accidents and adverse effects (E800-E949)	614	323	291	428	277	151	186	46	140
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	99	43	56	67	37	30	32	6	26
Accidental mechanical suffocation (E913)	139	83	56	96	69	27	43	14	29
Other accidental causes and adverse effects (E800-E910,E914-E949)	376	197	179	265	171	94	111	26	85
Homicide (E960-E969)	178	111	67	144	103	41	34	8	26
Child battering and other maltreatment (E967)	67	44	23	52	40	12	15	4	11
Other homicide (E960-E966,E968-E969)	111	67	44	92	63	29	19	4	15
All other causes (Residual)	1,089	595	494	811	533	278	278	62	216

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Table 2-15. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1989—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	12,527	9,948	2,579	10,720	9,424	1,296	1,807	524	1,283
Certain intestinal infections (008-009)	49	44	5	46	43	3	3	1	2
Whooping cough (033)	2	2	-	2	2	-	-	-	-
Meningococcal infection (036)	12	10	2	10	10	-	2	-	2
Septicemia (038)	110	89	21	93	86	7	17	3	14
Viral diseases (045-079)	40	32	8	35	32	3	5	-	5
Congenital syphilis (090)	15	12	3	14	12	2	1	-	1
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	124	100	24	114	99	15	10	1	9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	15	14	1	13	13	-	2	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	15	14	1	15	14	1	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	4	3	1	4	3	1	-	-	-
Diseases of blood and blood-forming organs (280-289)	33	25	8	28	22	6	5	3	2
Meningitis (320-322)	87	58	29	68	55	13	19	3	16
Other diseases of nervous system and sense organs (323-389)	109	86	23	89	79	10	20	7	13
Acute upper respiratory infections (460-465)	4	1	3	1	1	-	3	-	3
Bronchitis and bronchiolitis (466,490-491)	37	33	4	32	30	2	5	3	2
Pneumonia and influenza (480-487)	210	160	50	167	148	19	43	12	31
Pneumonia (480-486)	208	160	48	166	148	18	42	12	30
Influenza (487)	2	-	2	1	-	1	1	-	1
Remainder of diseases of respiratory system (470-478,492-519)	139	106	33	109	96	13	30	10	20
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	27	21	6	23	19	4	4	2	2
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	51	42	9	42	38	4	9	4	5
Remainder of diseases of digestive system (520-534,536-543,562-579)	69	52	17	57	49	8	12	3	9
Congenital anomalies (740-759)	1,498	1,155	343	1,249	1,079	170	249	76	173
Anencephalus and similar anomalies (740)	56	40	16	47	39	8	9	1	8
Spina bifida (741)	7	7	-	7	7	-	-	-	-
Congenital hydrocephalus (742.3)	44	29	15	35	27	8	9	2	7
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	54	41	13	44	36	8	10	5	5
Congenital anomalies of heart (745-746)	479	382	97	399	355	44	80	27	53
Other congenital anomalies of circulatory system (747)	124	101	23	102	95	7	22	6	16
Congenital anomalies of respiratory system (748)	261	189	72	220	162	58	41	7	34
Congenital anomalies of digestive system (749-751)	26	21	5	22	18	4	4	3	1
Congenital anomalies of genitourinary system (752-753)	77	55	22	61	47	14	16	8	8
Congenital anomalies of musculoskeletal system (754-756)	92	79	13	80	73	7	12	6	6
Down's syndrome (758.0)	18	14	4	15	12	3	3	2	1
Other chromosomal anomalies (758.1-758.9)	135	103	32	116	99	17	19	4	15
All other and unspecified congenital anomalies (744,757,759)	125	94	31	101	89	12	24	5	19
Certain conditions originating in the perinatal period (760-779)	6,907	5,543	1,364	5,989	5,281	708	918	262	656
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	87	75	12	78	71	7	9	4	5
Newborn affected by maternal complications of pregnancy (761)	516	420	96	450	399	51	66	21	45
Newborn affected by complications of placenta, cord, and membranes (762)	288	245	43	254	229	25	34	16	18
Newborn affected by other complications of labor and delivery (763)	24	19	5	20	17	3	4	2	2
Slow fetal growth and fetal malnutrition (764)	7	5	2	5	5	-	2	-	2
Disorders relating to short gestation and unspecified low birthweight (765)	1,867	1,501	366	1,630	1,434	196	237	67	170
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-
Birth trauma (767)	70	54	16	62	53	9	8	1	7
Intrauterine hypoxia and birth asphyxia (768)	227	172	55	194	168	26	33	4	29
Fetal distress in liveborn infant (768.2-768.4)	50	38	12	44	37	7	6	1	5
Birth asphyxia (768.5-768.9)	177	134	43	150	131	19	27	3	24
Respiratory distress syndrome (769)	1,159	910	249	973	858	115	186	52	134
Other respiratory conditions of newborn (770)	1,238	1,003	235	1,090	966	124	148	37	111
Infections specific to the perinatal period (771)	300	241	59	257	230	27	43	11	32
Neonatal hemorrhage (772)	89	73	16	81	70	11	8	3	5
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	15	4	11	11	4	7	4	-	4
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	2	1	1	2	1	1	-	-	-
Hemorrhagic disease of newborn (776.0)	3	3	-	3	3	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,015	817	198	879	773	106	136	44	92
Symptoms, signs, and ill-defined conditions (780-799)	2,017	1,615	402	1,730	1,528	202	287	87	200
Sudden infant death syndrome (798.0)	1,617	1,271	346	1,369	1,198	171	248	73	175
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	400	344	56	361	330	31	39	14	25
Accidents and adverse effects (E800-E949)	335	251	84	267	232	35	68	19	49
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	57	35	22	35	29	6	22	6	16
Accidental mechanical suffocation (E913)	96	76	20	89	74	15	7	2	5
Other accidental causes and adverse effects (E800-E910,E914-E949)	182	140	42	143	129	14	39	11	28
Homicide (E960-E969)	142	111	31	123	106	17	19	5	14
Child battering and other maltreatment (E967)	49	36	13	42	34	8	7	2	5
Other homicide (E960-E966,E968-E969)	93	75	18	81	72	9	12	3	9
All other causes (Residual)	476	369	107	400	347	53	76	22	54

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Table 2-15. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1989—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	25,168	16,213	8,955	20,162	15,094	5,068	5,006	1,119	3,887
Certain intestinal infections (008-009)	2	2	-	2	2	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-
Septicemia (038)	-	-	-	-	-	-	-	-	-
Viral diseases (045-079)	32	20	12	25	18	7	7	2	5
Congenital syphilis (090)	17	14	3	16	14	2	1	-	1
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	18	12	6	13	10	3	5	2	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	21	11	10	19	11	8	2	-	2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	29	19	10	26	18	8	3	1	2
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	5	2	3	4	2	2	1	-	1
Diseases of blood and blood-forming organs (280-289)	35	22	13	32	22	10	3	-	3
Meningitis (320-322)	36	21	15	31	21	10	5	-	5
Other diseases of nervous system and sense organs (323-389)	41	21	20	29	18	11	12	3	9
Acute upper respiratory infections (460-465)	2	2	-	1	1	-	1	1	-
Bronchitis and bronchiolitis (466,490-491)	1	1	-	1	1	-	-	-	-
Pneumonia and influenza (480-487)	100	61	39	75	54	21	25	7	18
Pneumonia (480-486)	100	61	39	75	54	21	25	7	18
Influenza (487)	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	43	31	12	36	30	6	7	1	6
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	39	26	13	35	25	10	4	1	3
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	25	16	9	19	16	3	6	-	6
Remainder of diseases of digestive system (520-534,536-543,562-579)	31	21	10	22	17	5	9	4	5
Congenital anomalies (740-759)	5,902	3,502	2,400	4,500	3,189	1,311	1,402	313	1,089
Anencephalus and similar anomalies (740)	446	273	173	344	252	92	102	21	81
Spina bifida (741)	52	31	21	38	28	10	14	3	11
Congenital hydrocephalus (742.3)	94	58	36	73	53	20	21	5	16
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	190	126	64	151	113	38	39	13	26
Congenital anomalies of heart (745-746)	1,514	885	629	1,136	807	329	378	78	300
Other congenital anomalies of circulatory system (747)	352	218	134	256	199	57	96	19	77
Congenital anomalies of respiratory system (748)	1,137	663	474	875	610	265	262	53	209
Congenital anomalies of digestive system (749-751)	47	25	22	39	24	15	8	1	7
Congenital anomalies of genitourinary system (752-753)	449	254	195	333	225	108	116	29	87
Congenital anomalies of musculoskeletal system (754-756)	468	272	196	351	242	109	117	30	87
Down's syndrome (758.0)	42	27	15	32	22	10	10	5	5
Other chromosomal anomalies (758.1-758.9)	616	370	246	483	335	148	133	35	98
All other and unspecified congenital anomalies (744,757,759)	495	300	195	389	279	110	106	21	85
Certain conditions originating in the perinatal period (760-779)	17,378	11,532	5,846	14,135	10,798	3,337	3,243	734	2,509
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	174	127	47	147	120	27	27	7	20
Newborn affected by maternal complications of pregnancy (761)	1,520	987	533	1,206	915	291	314	72	242
Newborn affected by complications of placenta, cord, and membranes (762)	973	625	348	760	568	192	213	57	156
Newborn affected by other complications of labor and delivery (763)	66	40	26	50	35	15	16	5	11
Slow fetal growth and fetal malnutrition (764)	27	19	8	21	16	5	6	3	3
Disorders relating to short gestation and unspecified low birthweight (765)	3,878	2,691	1,187	3,248	2,541	707	630	150	480
Disorders relating to long gestation and high birthweight (766)	1	-	-	1	-	-	-	-	-
Birth trauma (767)	215	134	81	170	126	44	45	8	37
Intrauterine hypoxia and birth asphyxia (768)	653	422	231	517	395	122	136	27	109
Fetal distress in liveborn infant (768.2-768.4)	175	104	71	135	98	37	40	6	34
Birth asphyxia (768.5-768.9)	478	318	160	382	297	85	96	21	75
Respiratory distress syndrome (769)	3,386	2,176	1,210	2,734	2,039	695	652	137	515
Other respiratory conditions of newborn (770)	2,760	1,791	969	2,223	1,686	537	537	105	432
Infections specific to the perinatal period (771)	833	537	296	649	493	156	184	44	140
Neonatal hemorrhage (772)	262	176	86	215	160	55	47	16	31
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	33	15	18	23	12	11	10	3	7
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	9	5	4	7	5	2	2	-	2
Hemorrhagic disease of newborn (776.0)	2	2	-	2	2	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,586	1,785	801	2,162	1,685	477	424	100	324
Symptoms, signs, and ill-defined conditions (780-789)	619	403	216	505	384	121	114	19	95
Sudden infant death syndrome (788.0)	398	247	151	308	233	75	90	14	76
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	221	156	65	197	151	46	24	5	19
Accidents and adverse effects (E800-E949)	96	56	40	75	54	21	21	2	19
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	16	5	11	8	5	3	8	-	8
Accidental mechanical suffocation (E913)	20	10	10	16	9	7	4	1	3
Other accidental causes and adverse effects (E800-E910,E914-E949)	60	41	19	51	40	11	9	1	8
Homicide (E960-E969)	69	36	33	52	31	21	17	5	12
Child battering and other maltreatment (E967)	11	7	4	8	6	2	3	1	2
Other homicide (E960-E966,E968-E969)	58	29	29	44	25	19	14	4	10
All other causes (Residual)	627	382	245	509	358	151	118	24	94

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Table 2-15. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1989—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	16,428	9,372	7,056	12,710	8,590	4,120	3,718	782	2,936
Certain intestinal infections (008-009)	1	1	-	1	1	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-
Septicemia (038) .....	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	19	10	9	13	8	5	6	2	4
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)	15	9	6	10	7	3	5	2	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	17	7	10	15	7	8	2	-	2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	21	11	10	18	10	8	3	1	2
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	4	1	3	3	1	2	1	-	1
Diseases of blood and blood-forming organs (280-289)	21	11	10	18	11	7	3	-	3
Meningitis (320-322)	18	11	7	16	11	5	2	-	2
Other diseases of nervous system and sense organs (323-389)	35	15	20	24	13	11	11	2	9
Acute upper respiratory infections (460-465)	2	2	-	1	1	-	1	1	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	63	33	30	46	29	17	17	4	13
Pneumonia (480-486)	63	33	30	46	29	17	17	4	13
Influenza (487)	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	26	17	9	21	17	4	5	-	5
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	25	14	11	22	14	8	3	-	3
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	12	7	5	9	7	2	3	-	3
Remainder of diseases of digestive system (520-534,536-543,562-579)	16	7	9	9	5	4	7	2	5
Congenital anomalies (740-759)	4,669	2,581	2,088	3,491	2,323	1,168	1,178	258	920
Anencephalus and similar anomalies (740)	377	221	156	285	201	84	92	20	72
Spina bifida (741)	45	24	21	31	21	10	14	3	11
Congenital hydrocephalus (742.3)	70	41	29	55	38	17	15	3	12
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	161	104	57	130	96	34	31	8	23
Congenital anomalies of heart (745-746)	1,194	646	548	880	582	298	314	64	250
Other congenital anomalies of circulatory system (747)	251	139	112	175	123	52	76	16	60
Congenital anomalies of respiratory system (748)	872	470	402	655	426	229	217	44	173
Congenital anomalies of digestive system (749-751)	35	17	18	29	17	12	6	-	6
Congenital anomalies of genitourinary system (752-753)	373	201	172	274	179	95	99	22	77
Congenital anomalies of musculoskeletal system (754-756)	374	195	179	267	170	97	107	25	82
Down's syndrome (758.0)	31	19	12	24	15	9	7	4	3
Other chromosomal anomalies (758.1-758.9)	502	289	213	386	256	130	116	33	83
All other and unspecified congenital anomalies (744,757,759)	384	215	169	300	199	101	84	16	68
Certain conditions originating in the perinatal period (760-779)	10,526	6,116	4,410	8,258	5,644	2,614	2,268	472	1,796
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	95	61	34	77	58	19	18	3	15
Newborn affected by maternal complications of pregnancy (761)	984	557	427	740	506	234	244	51	193
Newborn affected by complications of placenta, cord, and membranes (762)	665	373	292	493	333	160	172	40	132
Newborn affected by other complications of labor and delivery (763)	39	18	21	27	15	12	12	3	9
Slow fetal growth and fetal malnutrition (764)	21	15	6	17	12	5	4	3	1
Disorders relating to short gestation and unspecified low birthweight (765)	1,956	1,158	798	1,581	1,078	503	375	80	295
Disorders relating to long gestation and high birthweight (766)	1	-	1	1	-	1	-	-	-
Birth trauma (767)	142	79	63	107	72	35	35	7	28
Intrauterine hypoxia and birth asphyxia (768)	422	246	176	323	225	98	99	21	78
Fetal distress in liveborn infant (768.2-768.4)	119	61	58	88	57	31	31	4	27
Birth asphyxia (768.5-768.9)	303	185	118	235	168	67	68	17	51
Respiratory distress syndrome (769)	2,241	1,291	950	1,779	1,205	574	462	86	376
Other respiratory conditions of newborn (770)	1,686	951	735	1,306	880	426	380	71	309
Infections specific to the perinatal period (771)	541	310	231	402	276	126	139	34	105
Neonatal hemorrhage (772)	168	99	69	130	86	44	38	13	25
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	20	12	8	14	9	5	6	3	3
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	7	4	3	5	4	1	2	-	2
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,538	942	596	1,256	885	371	282	57	225
Symptoms, signs, and ill-defined conditions (780-799)	383	220	163	300	206	94	83	14	69
Sudden infant death syndrome (798.0)	253	139	114	186	128	58	67	11	56
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	130	81	49	114	78	36	16	3	13
Accidents and adverse effects (E800-E949)	66	34	32	52	33	19	14	1	13
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	13	3	10	6	3	3	7	-	7
Accidental mechanical suffocation (E913)	13	5	8	11	5	6	2	-	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	40	26	14	35	25	10	5	1	4
Homicide (E960-E969)	41	21	20	31	18	13	10	3	7
Child battering and other maltreatment (E967)	6	4	2	4	4	-	2	-	2
Other homicide (E960-E966,E968-E969)	35	17	18	27	14	13	8	3	5
All other causes (Residual)	445	241	204	349	221	128	96	20	76

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Table 2-15. Infant and Neonatal Deaths From 61 Selected Causes, by Race, for Population-Size Groups in Metropolitan and Nonmetropolitan Counties: United States, 1989—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 neonatal deaths									
All causes	8,021	6,374	1,647	6,914	6,062	852	1,107	312	795
Certain intestinal infections (008-009)	1	1	-	1	1	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-
Septicemia (038) .....	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	12	9	3	11	9	2	1	-	1
Congenital syphilis (090)	14	11	3	13	11	2	1	-	1
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	3	3	-	3	3	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	4	4	-	4	4	-	-	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	7	7	-	7	7	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	1	1	-	1	1	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	7	7	-	7	7	-	-	-	-
Meningitis (320-322)	15	9	6	14	9	5	1	-	1
Other diseases of nervous system and sense organs (323-389)	4	4	-	3	3	-	1	1	-
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	1	1	-	1	1	-	-	-	-
Pneumonia and influenza (480-487)	30	22	8	23	19	4	7	3	4
Pneumonia (480-486)	30	22	8	23	19	4	7	3	4
Influenza (487)	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	17	14	3	15	13	2	2	1	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	12	10	2	11	9	2	1	1	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-559)	13	9	4	10	9	1	3	-	3
Remainder of diseases of digestive system (520-534,536-543,562-579)	14	13	1	12	11	1	2	2	-
Congenital anomalies (740-759)	1,017	773	244	895	723	112	182	50	132
Anencephalus and similar anomalies (740)	52	39	13	44	38	6	8	1	7
Spina bifida (741)	5	5	-	5	5	-	-	-	-
Congenital hydrocephalus (742.3)	20	16	4	17	15	2	3	1	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	22	18	4	16	13	3	6	5	1
Congenital anomalies of heart (745-746)	263	201	62	210	187	23	53	14	39
Other congenital anomalies of circulatory system (747)	93	75	18	77	72	5	16	3	13
Congenital anomalies of respiratory system (748)	229	169	60	192	162	30	37	7	30
Congenital anomalies of digestive system (749-751)	12	8	4	10	7	3	2	1	1
Congenital anomalies of genitourinary system (752-753)	68	47	21	53	40	13	15	7	8
Congenital anomalies of musculoskeletal system (754-756)	78	66	12	68	61	7	10	5	5
Down's syndrome (758.0)	9	7	2	7	6	1	2	1	1
Other chromosomal anomalies (758.1-758.9)	79	56	23	67	54	13	12	2	10
All other and unspecified congenital anomalies (744,757,759)	87	66	21	69	63	6	18	3	15
Certain conditions originating in the perinatal period (760-779)	6,420	5,137	1,283	5,562	4,894	668	858	243	615
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	72	61	11	65	58	7	7	3	4
Newborn affected by maternal complications of pregnancy (761)	505	411	94	441	390	51	64	21	43
Newborn affected by complications of placenta, cord, and membranes (762)	284	241	43	251	226	25	33	15	18
Newborn affected by other complications of labor and delivery (763)	24	19	5	20	17	3	4	2	2
Slow fetal growth and fetal malnutrition (764)	6	4	2	4	4	-	-	-	2
Disorders relating to short gestation and unspecified low birthweight (765)	1,842	1,480	362	1,608	1,415	193	234	65	169
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-
Birth trauma (767)	68	52	16	60	51	9	8	1	7
Intrauterine hypoxia and birth asphyxia (768)	201	156	45	173	152	21	28	4	24
Fetal distress in liveborn infant (768.2-768.4)	44	35	9	39	34	5	5	1	4
Birth asphyxia (768.5-768.9)	157	121	36	134	118	16	23	3	20
Respiratory distress syndrome (769)	1,069	836	233	897	788	109	172	48	124
Other respiratory conditions of newborn (770)	1,003	799	204	875	769	106	128	30	98
Infections specific to the perinatal period (771)	272	216	56	234	207	27	38	9	29
Neonatal hemorrhage (772)	88	73	15	81	70	11	7	3	4
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	13	3	10	9	3	6	4	-	4
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	2	1	1	2	1	1	-	-	-
Hemorrhagic disease of newborn (776.0)	2	2	-	2	2	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	969	783	186	840	741	99	129	42	87
Symptoms, signs, and ill-defined conditions (780-799)	209	172	37	191	168	23	18	4	14
Sudden infant death syndrome (798.0)	128	103	25	115	101	14	13	2	11
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	81	69	12	76	67	9	5	2	3
Accidents and adverse effects (E800-E949)	26	22	4	22	21	1	4	1	3
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	2	2	-	2	2	-	-	-	-
Accidental mechanical suffocation (E913)	6	5	1	5	4	1	1	1	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	18	15	3	15	15	-	3	-	3
Homicide (E960-E969)	27	14	13	20	12	8	7	2	5
Child battering and other maltreatment (E967)	5	3	2	4	2	2	6	1	5
Other homicide (E960-E966,E968-E969)	22	11	11	16	10	6	6	1	-
All other causes (Residual)	167	131	36	148	127	21	19	4	15

1 Includes races than white and black.

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989

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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*, both sexes - All causes	39,655	4,190	10,471	2,394	1,369	870	634	454	414	20,796	2,126	1,301	945	25,168
Certain intestinal infections (008-009)	92	-	-	-	-	2	-	-	-	2	-	-	-	2
Whooping cough (033)	9	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	58	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	290	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral diseases (045-079)	139	-	1	1	1	-	2	1	1	7	18	4	3	32
Congenital syphilis (090)	19	1	3	2	1	2	1	-	-	10	1	4	2	17
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	274	1	1	4	-	-	-	-	-	6	6	4	2	18
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	107	3	7	-	1	-	-	1	-	12	2	5	2	21
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	56	4	7	5	2	-	1	1	-	20	8	1	-	29
Diseases of thymus gland (254)	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	15	-	-	-	-	1	-	-	-	1	2	2	-	5
Diseases of blood and blood-forming organs (280-289)	90	3	4	5	4	2	2	1	1	22	6	6	1	35
Meningitis (320-322)	229	-	-	2	-	2	1	2	2	9	9	11	7	36
Other diseases of nervous system and sense organs (323-389)	492	-	3	2	2	2	5	-	-	14	11	9	7	41
Acute upper respiratory infections (460-465)	34	-	-	-	-	-	-	-	-	-	1	-	1	2
Bronchitis and bronchiolitis (466,490-491)	103	-	-	-	-	-	-	-	-	-	1	-	-	1
Pneumonia and influenza (480-487)	636	1	6	9	8	5	4	6	1	40	17	26	17	100
Pneumonia (480-486)	624	1	6	9	8	5	4	6	1	40	17	26	17	100
Influenza (487)	12	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	384	2	7	10	5	-	-	-	2	26	4	3	10	43
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	88	4	17	1	-	1	2	2	-	27	5	4	3	39
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	100	-	1	-	2	1	1	-	2	7	6	5	7	25
Remainder of diseases of digestive system (520-534,536-543,562-579)	171	-	1	3	1	2	-	4	2	13	10	6	2	31
Congenital anomalies (740-759)	8,120	740	1,935	639	408	288	241	182	153	4,586	722	356	238	5,902
Anencephalus and similar anomalies (740)	460	165	214	17	8	12	11	4	4	435	6	2	3	446
Spina bifida (741)	73	10	21	4	1	-	2	2	1	41	6	2	3	52
Congenital hydrocephalus (742.3)	172	12	31	11	5	7	1	3	1	71	11	9	3	94
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	314	38	44	23	16	7	6	8	3	145	21	18	6	190
Congenital anomalies of heart (745-746)	2,559	27	149	148	146	128	108	89	82	877	358	168	111	1,514
Other congenital anomalies of circulatory system (747)	491	5	47	43	49	29	23	14	18	228	73	35	16	352
Congenital anomalies of respiratory system (748)	1,256	162	596	178	62	23	21	10	5	1,057	48	20	12	1,137
Congenital anomalies of digestive system (749-751)	111	6	4	6	2	3	4	2	1	28	12	6	1	47
Congenital anomalies of genitourinary system (752-753)	473	74	274	49	16	4	5	3	1	426	9	5	9	449
Congenital anomalies of musculoskeletal system (754-756)	543	42	218	68	31	13	12	3	6	393	45	20	10	468
Down's syndrome (758.0)	93	10	14	3	4	2	2	-	-	35	-	5	2	42
Other chromosomal anomalies (758.1-758.9)	897	51	104	63	42	48	39	33	28	408	109	55	44	616
All other and unspecified congenital anomalies (744,757,759)	678	138	219	26	26	12	7	11	3	442	24	11	18	495
Certain conditions originating in the perinatal period (760-779)	18,564	3,920	8,313	1,590	821	495	331	215	222	15,307	1,079	618	374	17,378
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	199	57	57	15	12	5	1	2	1	150	14	8	2	174
Newborn affected by maternal complications of pregnancy (761)	1,534	616	823	47	10	6	4	-	2	1,508	5	5	2	1,520
Newborn affected by complications of placenta, cord, and membranes (762)	984	382	455	48	19	20	10	1	2	937	22	8	6	973
Newborn affected by other complications of labor and delivery (763)	68	27	21	6	2	1	2	-	1	60	2	1	3	66
Slow fetal growth and fetal malnutrition (764)	30	5	6	1	1	2	2	3	2	22	3	1	1	27
Disorders relating to short gestation and unspecified low birthweight (765)	3,931	1,183	2,436	135	35	17	11	6	6	3,829	26	12	11	3,878
Disorders relating to long gestation and high birthweight (766)	1	-	1	-	-	-	-	-	-	1	-	-	-	1
Birth trauma (767)	222	6	41	24	26	17	13	13	10	150	35	18	12	215
Intrauterine hypoxia and birth asphyxia (768)	725	100	223	68	44	38	29	15	11	528	72	39	14	653
Fetal distress in liveborn infant (768.2-768.4)	193	22	46	17	9	9	5	2	1	119	30	16	10	175
Birth asphyxia (768.5-768.9)	532	78	177	51	35	29	20	10	9	409	42	23	4	478
Respiratory distress syndrome (769)	3,631	97	1,376	593	325	182	115	81	68	2,837	326	145	78	3,386
Other respiratory conditions of newborn (770)	3,344	342	1,356	327	160	95	65	44	44	2,433	174	83	70	2,760
Infections specific to the perinatal period (771)	892	32	238	82	41	37	24	11	19	484	150	128	71	833
Neonatal hemorrhage (772)	263	15	44	44	40	18	13	7	11	192	44	17	9	262
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	37	4	8	3	4	3	1	1	2	26	5	1	1	33
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	10	3	2	3	1	-	-	-	-	9	-	-	-	9
Hemorrhagic disease of newborn (776.0)	3	-	-	-	1	-	-	-	-	1	2	-	-	2
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,690	451	1,226	194	100	54	41	31	42	2,139	201	152	94	2,586
Symptoms, signs, and ill-defined conditions (780-799)	6,627	45	51	29	24	13	10	11	12	195	92	139	193	619
Sudden infant death syndrome (798.0)	5,634	9	5	7	12	7	5	4	6	55	70	108	165	398
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	993	36	46	22	12	6	5	7	6	140	22	31	28	221
Accidents and adverse effects (E800-E949)	996	10	14	7	5	1	3	3	1	44	18	16	18	96
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	162	1	1	-	1	1	1	-	-	5	3	4	4	16
Accidental mechanical suffocation (E913)	248	-	2	-	-	-	1	1	-	4	4	4	8	20
Other accidental causes and adverse effects (E800-E910,E914-E949)	586	9	11	7	4	-	1	2	1	35	11	8	6	60
Homicide (E960-E969)	335	33	8	5	2	1	-	-	-	49	1	7	12	69
Child battering and other maltreatment (E967)	122	3	1	-	-	-	-	-	-	4	1	4	2	11
Other homicide (E960-E966,E968-E969)	213	30	7	5	2	1	-	-	-	45	-	3	10	58
All other causes (Residual)	1,621	23	92	80	82	52	30	25	15	399	107	75	46	627

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	3,579	3,022	2,177	1,570	1,074	813	621	488	431	349	363
Certain intestinal infections (008-009)	57	12	8	3	4	2	2	-	-	1	1
Whooping cough (033)	4	-	1	-	2	-	-	-	1	1	-
Meningococcal infection (036)	5	11	7	10	3	7	2	5	3	1	4
Septicemia (038)	105	59	28	30	20	12	6	11	8	7	4
Viral diseases (045-079)	25	18	9	12	9	7	8	4	4	8	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)	48	37	30	38	24	18	17	16	11	8	9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	10	7	7	7	8	6	12	4	8	8	9
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	4	2	4	4	2	4	-	1	1	-	5
Diseases of thymus gland (254)	3	1	2	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	1	1	1	1	2	2	-	1	-	-	1
Diseases of blood and blood-forming organs (280-289)	13	4	5	4	3	6	8	1	2	6	3
Meningitis (320-322)	35	15	16	23	27	15	15	10	14	12	11
Other diseases of nervous system and sense organs (323-369)	55	57	63	44	43	44	38	34	30	23	20
Acute upper respiratory infections (460-465)	4	9	3	6	2	2	2	1	2	-	1
Bronchitis and bronchiolitis (466,490-491)	11	23	18	16	10	10	3	2	5	1	3
Pneumonia and influenza (480-487)	117	119	82	76	35	27	25	15	15	13	12
Pneumonia (480-486)	115	117	79	75	34	26	25	13	15	13	12
Influenza (487)	2	2	3	1	1	1	-	2	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	75	67	51	46	22	13	24	14	10	9	10
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	6	13	7	6	3	2	2	2	4	3	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	27	11	12	7	4	7	1	-	1	-	5
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	37	25	18	12	8	12	5	8	7	4	4
Congenital anomalies (740-759)	625	391	241	211	197	128	114	81	79	76	75
Anencephalus and similar anomalies (740)	4	3	3	1	2	-	-	-	-	1	-
Spina bifida (741)	5	5	3	3	-	-	1	1	1	1	1
Congenital hydrocephalus (742.3)	27	7	5	10	9	3	4	1	6	3	3
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	32	17	10	14	11	7	11	7	5	3	7
Congenital anomalies of heart (745-746)	293	177	111	106	97	66	45	38	37	36	39
Other congenital anomalies of circulatory system (747)	46	25	17	11	11	9	7	2	5	4	2
Congenital anomalies of respiratory system (748)	30	19	12	16	14	5	10	4	3	3	3
Congenital anomalies of digestive system (749-751)	19	7	2	2	8	6	2	7	1	5	5
Congenital anomalies of genitourinary system (752-753)	6	5	6	2	-	-	1	2	1	1	1
Congenital anomalies of musculoskeletal system (754-756)	19	12	8	5	6	5	5	3	4	7	1
Down's syndrome (758.0)	3	8	7	10	2	6	5	3	1	5	1
Other chromosomal anomalies (758.1-758.9)	105	66	31	16	19	11	10	8	7	2	6
All other and unspecified congenital anomalies (744,757,759)	36	40	26	15	18	10	13	5	8	5	7
Certain conditions originating in the perinatal period (760-779)	354	150	130	123	117	102	69	55	39	29	18
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	5	4	7	1	2	4	-	1	-	1	-
Newborn affected by maternal complications of pregnancy (761)	5	2	5	1	-	1	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	3	2	1	1	1	1	1	-	-	1	-
Newborn affected by other complications of labor and delivery (763) ..	2	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	1	1	-	-	-	1	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	20	7	3	6	9	4	1	2	1	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	4	1	-	1	1	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	25	15	5	5	3	8	4	2	1	3	1
Fetal distress in liveborn infant (768.2-768.4)	7	-	2	2	-	2	1	2	-	1	1
Birth asphyxia (768.5-768.9)	18	15	3	3	3	6	3	-	1	2	-
Respiratory distress syndrome (769)	92	27	34	23	25	11	18	5	8	-	2
Other respiratory conditions of newborn (770)	98	68	63	74	72	65	44	40	27	20	13
Infections specific to the perinatal period (771)	32	8	4	6	2	-	1	1	1	3	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)	1	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	1	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	64	15	6	5	2	7	-	3	-	1	1
Symptoms, signs, and ill-defined conditions (780-799)	1,571	1,684	1,186	652	334	221	130	91	65	48	26
Sudden infant death syndrome (798.0)	1,379	1,508	1,042	574	282	178	110	65	49	33	16
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	192	176	144	78	52	43	20	26	16	15	10
Accidents and adverse effects (E800-E949)	127	93	107	94	70	72	59	67	72	56	83
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	28	27	22	14	7	15	6	7	6	6	8
Accidental mechanical suffocation (E913)	40	17	24	36	31	14	20	18	9	5	14
Other accidental causes and adverse effects (E800-E910,E914-E949)	59	49	61	44	32	43	33	42	57	45	61
Homicide (E960-E969)	37	36	30	33	33	23	13	22	13	11	15
Child battering and other maltreatment (E967)	14	19	15	12	15	10	6	8	3	6	3
Other homicide (E960-E966,E968-E969)	23	17	15	21	18	13	7	14	10	5	12
All other causes (Residual)	222	176	111	112	92	71	66	43	37	24	40

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	22,361	2,193	5,845	1,360	840	453	365	284	234	11,574	1,195	739	551	14,059
Certain intestinal infections (008-009)	57	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	28	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	161	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral diseases (045-079)	84	-	1	1	1	-	2	1	1	7	8	3	2	20
Congenital syphilis (090)	10	1	1	2	1	-	-	-	-	5	-	2	1	8
Remainder of infectious and parasitic diseases (001-007, 010-032, 034-035, 037, 039-041, *042-*044, 080-088, 091-139)	134	1	-	2	-	-	-	-	-	3	3	1	1	8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	50	3	5	-	-	-	-	-	-	8	1	3	2	14
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	29	1	4	2	2	-	1	1	-	11	4	-	-	15
Diseases of thymus gland (254)	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	8	-	-	-	-	-	-	-	-	-	1	-	-	1
Diseases of blood and blood-forming organs (280-289)	126	1	2	3	3	-	2	1	1	13	3	2	-	18
Meningitis (320-322)	51	-	2	2	1	1	1	1	1	6	5	5	5	21
Other diseases of nervous system and sense organs (323-389)	277	-	2	1	2	1	1	-	-	7	7	6	4	24
Acute upper respiratory infections (460-465)	25	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	70	-	-	-	-	-	-	-	-	-	1	-	-	1
Pneumonia and influenza (480-487)	383	-	4	6	6	2	3	4	1	26	9	17	10	62
Pneumonia (480-486)	377	-	4	6	6	2	3	4	1	26	9	17	10	62
Influenza (487)	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	230	-	4	7	4	-	-	-	2	17	2	1	7	27
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	57	3	8	1	-	1	2	2	-	17	2	2	3	24
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	57	-	1	3	1	-	1	-	1	4	2	4	5	15
Remainder of diseases of digestive system (520-534,536-543,562-579)	106	-	-	-	-	-	-	-	-	7	3	-	-	19
Congenital anomalies (740-759)	4,387	365	1,124	369	247	143	133	104	76	2,581	390	196	125	3,292
Anencephalus and similar anomalies (740)	188	59	89	8	2	4	5	2	2	171	5	-	2	178
Spina bifida (741)	33	5	12	2	-	-	1	-	1	21	3	1	1	28
Congenital hydrocephalus (742.3)	84	6	17	5	2	2	-	1	-	33	7	4	1	45
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	145	13	21	10	8	2	3	2	2	61	14	10	4	89
Congenital anomalies of heart (745-746)	1,392	12	86	92	93	62	67	55	44	511	197	98	58	864
Other congenital anomalies of circulatory system (747)	264	2	24	27	24	11	10	11	12	121	41	19	9	190
Congenital anomalies of respiratory system (748)	752	93	364	108	38	14	12	5	2	636	25	15	8	694
Congenital anomalies of digestive system (749-751)	57	2	1	2	2	1	3	2	1	14	6	5	1	28
Congenital anomalies of genitourinary system (752-753)	325	50	195	33	11	1	3	2	1	295	8	3	4	310
Congenital anomalies of musculoskeletal system (754-756)	302	24	127	30	22	11	9	-	1	224	23	8	4	259
Down's syndrome (758.0)	55	7	8	2	1	2	1	-	-	21	-	5	1	27
Other chromosomal anomalies (758.1-758.9)	439	29	60	36	29	26	18	18	11	227	49	23	22	321
All other and unspecified congenital anomalies (744,757,759)	360	83	120	14	15	7	1	6	-	246	12	5	10	273
Certain conditions originating in the perinatal period (760-779)	10,387	1,738	4,589	901	502	269	196	140	137	8,472	632	371	217	9,692
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	103	22	30	11	5	1	1	-	-	71	11	5	2	89
Newborn affected by maternal complications of pregnancy (761)	826	344	429	27	8	3	-	-	2	813	3	3	-	819
Newborn affected by complications of placenta, cord, and membranes (762)	542	199	258	24	10	9	8	1	-	509	15	7	4	535
Newborn affected by other complications of labor and delivery (763)	38	12	12	4	2	1	2	-	1	34	2	-	1	37
Slow fetal growth and fetal malnutrition (764)	20	3	3	-	1	2	2	3	1	15	1	1	1	18
Disorders relating to short gestation and unspecified low birthweight (765)	2,106	622	1,313	84	16	9	3	3	5	2,055	14	6	5	2,080
Disorders relating to long gestation and high birthweight (766)	1	-	1	-	-	-	-	-	-	1	-	-	-	1
Birth trauma (767)	126	1	24	10	15	7	7	10	7	81	20	12	8	121
Intrauterine hypoxia and birth asphyxia (768)	410	55	131	34	31	19	18	10	6	304	38	23	9	374
Fetal distress in liveborn infant (768.2-768.4)	107	15	28	6	4	5	4	4	1	67	17	8	8	100
Birth asphyxia (768.5-768.9)	303	40	103	28	27	14	14	6	5	237	21	15	1	274
Respiratory distress syndrome (769)	2,232	56	836	349	216	101	67	55	47	1,727	213	92	52	2,084
Other respiratory conditions of newborn (770)	1,824	177	711	174	91	49	39	28	25	1,294	99	47	34	1,474
Infections specific to the perinatal period (771)	496	16	136	48	28	20	13	9	9	279	84	68	34	465
Neonatal hemorrhage (772)	139	9	25	24	18	12	8	4	6	106	21	8	3	138
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	23	3	7	3	1	2	1	-	-	17	3	-	-	20
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	6	-	2	3	1	-	-	-	-	6	-	-	-	6
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)	1,494	219	671	106	59	34	27	16	27	1,159	108	99	64	1,430
Symptoms, signs, and ill-defined conditions (780-799)	4,025	24	29	12	20	6	4	8	6	109	50	72	123	354
Sudden infant death syndrome (798.0)	3,432	5	4	3	10	2	2	2	3	31	37	54	106	228
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	593	19	25	9	10	4	2	6	3	78	13	18	17	126
Accidents and adverse effects (E800-E949)	542	6	8	4	4	-	2	2	-	26	8	11	9	54
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	91	1	1	-	1	-	1	-	-	4	2	1	1	8
Accidental mechanical suffocation (E913)	137	-	-	-	-	-	1	1	-	2	1	3	5	11
Other accidental causes and adverse effects (E800-E910,E914-E949)	314	5	7	4	3	-	-	1	-	20	5	7	3	35
Homicide (E960-E969)	165	20	5	3	2	-	-	-	-	30	-	2	6	38
Child battering and other maltreatment (E967)	57	2	-	-	-	-	-	-	-	2	-	1	1	4
Other homicide (E960-E966,E968-E969)	108	18	5	3	2	-	-	-	-	28	-	1	5	34
All other causes (Residual)	905	10	57	41	44	30	17	19	7	225	60	38	29	352

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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 ^a , male - All causes	2,026	1,810	1,297	940	584	450	329	259	231	176	200
Certain Intestinal infections (008-009)	37	8	6	3	-	-	1	-	-	1	1
Whooping cough (033)	1	-	1	-	-	-	-	-	1	-	-
Meningococcal infection (036)	3	6	2	6	1	2	1	3	2	-	2
Septicemia (038)	53	38	13	18	15	3	3	7	5	3	3
Viral diseases (045-079)	16	8	6	8	4	6	4	2	4	4	2
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)	23	21	16	18	11	6	7	10	6	3	5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5	3	2	4	4	4	4	2	1	2	5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	3	-	1	2	1	2	-	1	1	-	3
Diseases of thymus gland (254)	2	-	2	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	1	-	1	1	-	2	-	1	-	-	1
Diseases of blood and blood-forming organs (280-289)	11	2	2	1	3	3	4	1	1	3	2
Meningitis (320-322)	24	6	11	7	11	9	7	8	6	8	8
Other diseases of nervous system and sense organs (323-389)	34	29	36	28	23	20	26	17	14	13	13
Acute upper respiratory infections (460-465)	4	5	2	4	2	2	2	1	2	-	1
Bronchitis and bronchiolitis (466,490-491)	7	18	14	10	6	7	1	1	3	1	1
Pneumonia and influenza (480-487)	74	72	52	49	14	16	11	9	10	8	6
Pneumonia (480-486)	72	71	50	49	14	15	11	9	10	8	6
Influenza (487)	2	1	2	-	-	1	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	41	41	28	26	14	10	16	7	8	6	6
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	5	8	6	4	2	2	2	1	3	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	16	7	7	4	1	3	-	-	1	-	3
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	21	15	12	7	7	10	2	5	6	1	1
Congenital anomalies (740-759)	313	196	107	116	99	65	46	34	39	34	46
Anencephalus and similar anomalies (740)	3	1	3	1	2	-	-	-	-	-	-
Spina bifida (741)	1	1	2	1	-	-	1	-	-	1	-
Congenital hydrocephalus (742.3)	13	3	3	4	6	3	2	-	3	2	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	16	10	5	4	6	2	5	2	1	1	4
Congenital anomalies of heart (745-746)	148	92	43	64	51	37	14	20	17	17	25
Other congenital anomalies of circulatory system (747)	23	17	8	8	5	4	3	-	3	2	1
Congenital anomalies of respiratory system (748)	18	9	7	9	10	3	6	2	1	2	1
Congenital anomalies of digestive system (749-751)	11	3	1	1	5	2	1	3	1	1	2
Congenital anomalies of genitourinary system (752-753)	4	2	4	2	-	-	1	1	-	1	-
Congenital anomalies of musculoskeletal system (754-756)	9	10	5	4	1	3	3	1	3	3	1
Down's syndrome (758.0)	2	4	4	5	1	3	3	1	1	3	1
Other chromosomal anomalies (758.1-758.9)	46	27	9	8	3	2	4	1	5	-	4
All other and unspecified congenital anomalies (744,757,759)	19	17	13	5	9	6	3	3	4	1	7
Certain conditions originating in the perinatal period (760-779)	196	87	82	75	74	59	47	27	24	17	7
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	2	6	-	2	2	-	-	-	1	-
Newborn affected by maternal complications of pregnancy (761)	4	-	3	-	-	-	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	1	2	1	-	1	1	1	-	-	-	-
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)	10	3	1	3	5	2	1	-	1	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	3	1	-	1	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	12	9	3	1	2	4	2	1	1	1	-
Fetal distress in liveborn infant (768.2-768.4)	3	-	-	1	-	1	1	1	-	-	-
Birth asphyxia (768.5-768.9)	9	9	3	-	2	3	1	-	1	1	-
Respiratory distress syndrome (769)	56	15	18	11	19	8	13	2	5	-	1
Other respiratory conditions of newborn (770)	52	40	40	53	42	37	30	20	16	15	5
Infections specific to the perinatal period (771)	16	6	4	3	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)	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	38	8	4	3	2	5	-	3	-	-	1
Symptoms, signs, and ill-defined conditions (780-799)	935	1,059	741	418	182	130	74	53	34	30	15
Sudden infant death syndrome (788.0)	824	940	655	368	156	102	66	38	24	19	12
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	111	119	86	50	26	28	8	15	10	11	3
Accidents and adverse effects (E800-E949)	62	55	57	58	41	35	33	42	37	27	41
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	16	11	15	8	4	9	5	4	4	2	5
Accidental mechanical suffocation (E913)	18	11	12	24	20	3	10	13	5	2	8
Other accidental causes and adverse effects (E800-E910,E914-E949)	28	33	30	26	17	23	18	25	28	23	28
Homicide (E960-E969)	23	18	14	16	15	10	5	8	6	5	7
Child battering and other maltreatment (E967)	9	7	8	6	6	5	2	3	2	3	2
Other homicide (E960-E966,E968-E969)	14	11	6	10	9	5	3	5	4	2	5
All other causes (Residual)	115	107	76	57	54	44	33	19	17	10	21

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	17,294	1,997	4,626	1,034	529	417	269	170	180	9,222	931	562	394	11,109
Certain intestinal infections (008-009)	35	-	-	-	-	2	-	-	-	2	-	-	-	2
Whooping cough (033)	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	129	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral diseases (045-079)	55	-	-	-	-	-	-	-	-	-	10	1	1	12
Congenital syphilis (090)	9	-	2	-	-	2	1	-	-	5	1	2	1	9
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	140	-	1	2	-	-	-	-	-	3	3	3	1	10
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	57	-	2	-	1	-	-	1	-	4	1	2	-	7
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	27	3	3	3	-	-	-	-	-	9	4	1	-	14
Diseases of thymus gland (254)	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	7	-	-	-	-	1	-	-	-	1	1	2	-	4
Diseases of blood and blood-forming organs (280-289)	39	2	2	2	1	2	-	-	-	9	3	4	1	17
Meningitis (320-322)	103	-	-	-	-	1	-	1	-	3	4	6	2	15
Other diseases of nervous system and sense organs (323-389)	215	-	1	1	-	1	4	-	-	7	4	3	3	17
Acute upper respiratory infections (460-465)	9	-	-	-	-	-	-	-	-	-	1	-	1	2
Bronchitis and bronchiolitis (466,490-491)	33	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	253	1	2	3	2	3	1	2	-	14	8	9	7	38
Pneumonia (480-486)	247	1	2	3	2	3	1	2	-	14	8	9	7	38
Influenza (487)	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	154	2	3	3	1	-	-	-	-	9	2	2	3	16
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	31	1	9	-	-	-	-	-	-	10	3	2	-	15
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	43	-	-	-	1	-	-	-	1	3	4	1	2	10
Remainder of diseases of digestive system (520-534,536-543,562-579)	65	-	-	-	2	-	-	3	1	6	3	3	-	12
Congenital anomalies (740-759)	3,733	355	811	270	161	145	108	78	77	2,005	332	160	113	2,610
Anencephalus and similar anomalies (740)	272	106	125	9	6	8	6	2	2	264	1	2	1	268
Spina bifida (741)	40	5	9	2	1	-	-	2	-	20	3	1	2	28
Congenital hydrocephalus (742.3)	88	6	14	6	3	5	1	2	1	38	4	5	2	49
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	169	25	23	13	8	5	3	6	1	84	7	8	2	101
Congenital anomalies of heart (745-746)	1,167	15	63	56	53	66	41	34	38	366	161	70	53	650
Other congenital anomalies of circulatory system (747)	227	3	23	16	25	18	13	3	6	107	32	16	7	162
Congenital anomalies of respiratory system (748)	504	69	232	70	24	9	9	5	3	421	23	5	4	453
Congenital anomalies of digestive system (749-751)	54	4	3	4	-	2	1	-	-	14	6	1	-	21
Congenital anomalies of genitourinary system (752-753)	148	24	79	16	5	3	2	1	1	131	1	2	5	139
Congenital anomalies of musculoskeletal system (754-756)	241	18	91	38	9	2	3	3	5	169	22	12	6	209
Down's syndrome (758.0)	36	3	6	1	3	-	1	-	-	14	60	32	1	15
Other chromosomal anomalies (758.1-758.9)	467	22	44	27	13	22	21	15	17	181	60	32	22	295
All other and unspecified congenital anomalies (744,757,759)	318	55	99	12	11	5	6	5	3	196	12	6	8	222
Certain conditions originating in the perinatal period (760-779)	8,177	1,582	3,724	689	319	226	135	75	85	6,835	447	247	157	7,886
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	96	35	27	4	7	4	-	1	1	79	3	3	-	85
Newborn affected by maternal complications of pregnancy (761)	708	272	394	20	2	3	4	-	-	695	2	2	2	701
Newborn affected by complications of placenta, cord, and membranes (762)	442	183	197	24	9	11	2	-	2	428	7	1	2	436
Newborn affected by other complications of labor and delivery (763)	30	15	9	2	-	-	-	-	-	26	-	1	2	29
Slow fetal growth and fetal malnutrition (764)	10	2	3	1	-	-	-	-	1	7	2	-	-	9
Disorders relating to short gestation and unspecified low birthweight (765)	1,825	561	1,123	51	19	8	8	3	1	1,774	12	6	6	1,798
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	96	5	17	14	11	10	6	3	3	69	15	6	4	94
Intrauterine hypoxia and infant asphyxia (768)	315	45	92	34	13	19	11	5	5	224	34	16	5	279
Fetal distress in liveborn infant (768.2-768.4)	86	7	18	11	5	4	5	1	1	52	13	8	3	75
Birth asphyxia (768.5-768.9)	229	38	74	23	8	15	6	4	4	172	21	8	3	204
Respiratory distress syndrome (769)	1,399	41	540	244	109	81	48	26	21	1,110	113	53	26	1,302
Other respiratory conditions of newborn (770)	1,520	165	645	153	69	46	26	16	19	1,139	75	36	36	1,286
Infections specific to the perinatal period (771)	396	16	102	34	13	17	11	2	10	205	66	60	37	368
Neonatal hemorrhage (772)	124	6	19	20	22	6	5	3	5	86	23	9	6	124
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	14	1	1	-	3	1	-	1	2	9	2	1	1	13
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	4	3	-	-	-	-	-	-	-	3	-	-	-	3
Hemorrhagic disease of newborn (776.0)	2	-	-	-	1	-	-	-	-	1	-	-	-	1
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,196	232	555	88	41	20	14	15	15	980	93	53	30	1,156
Symptoms, signs, and ill-defined conditions (780-799)	2,602	21	22	17	4	7	6	3	6	86	42	67	70	265
Sudden infant death syndrome (798.0)	2,202	4	1	4	2	5	3	2	3	24	33	54	59	170
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	400	17	21	13	2	2	3	1	3	62	9	13	11	95
Accidents and adverse effects (E800-E949)	454	4	6	3	1	1	1	1	1	18	10	5	9	42
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	71	-	-	-	-	1	-	-	-	1	1	3	3	8
Accidental mechanical suffocation (E913)	111	-	2	-	-	-	-	-	-	2	3	1	3	9
Other accidental causes and adverse effects (E800-E910,E914-E949)	272	4	4	3	1	-	1	1	1	15	6	1	3	25
Homicide (E960-E969)	170	13	3	2	-	1	-	-	-	19	1	5	6	31
Child battering and other maltreatment (E967)	65	1	1	-	-	-	-	-	-	2	1	3	1	7
Other homicide (E960-E966,E968-E969)	105	12	2	2	-	1	-	-	-	17	-	2	5	24
All other causes (Residual)	716	13	35	38	22	13	6	8	174	47	37	17	25	716

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	1,553	1,212	880	630	490	363	292	229	200	173	163
Certain intestinal infections (008-009)	20	4	2	-	4	2	1	-	-	-	-
Whooping cough (033)	3	-	-	-	2	-	-	-	-	1	-
Meningococcal infection (036)	2	5	5	4	5	5	1	2	1	1	2
Septicemia (038)	52	21	15	12	5	9	3	4	3	4	1
Viral diseases (045-079)	9	10	3	4	5	1	4	2	-	4	1
Congenital syphilis (090)	-	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032, 034-035, 037, 038-041, *042-*044, 080-088, 091-139)	25	16	14	20	13	12	10	6	5	5	4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5	4	5	3	4	2	8	2	7	6	4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	2	3	2	1	2	-	-	-	-	2
Diseases of thymus gland (254)	1	1	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	1	-	-	2	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	2	2	3	3	3	3	4	-	1	3	1
Meningitis (320-322)	11	9	5	16	16	6	8	2	8	4	3
Other diseases of nervous system and sense organs (323-369)	21	28	27	16	20	24	12	17	16	10	7
Acute upper respiratory infections (460-465)	-	4	1	2	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	4	5	4	6	4	3	2	1	2	5	2
Pneumonia and influenza (480-487)	43	47	30	27	21	11	14	6	5	5	6
Pneumonia (480-486)	43	46	29	26	20	11	14	4	5	5	6
Influenza (487)	-	1	1	1	1	-	-	2	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	34	26	23	20	8	3	8	2	3	4	4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	5	1	2	1	-	-	1	1	3	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	11	4	5	3	3	4	1	-	-	-	2
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	16	10	6	5	1	2	3	3	1	3	3
Congenital anomalies (740-759)	312	195	134	95	98	63	68	47	40	42	29
Anencephalus and similar anomalies (740)	1	2	-	-	-	-	-	-	-	1	-
Spina bifida (741)	4	4	1	2	-	-	-	1	1	-	1
Congenital hydrocephalus (742.3)	14	4	2	6	3	-	2	1	3	1	3
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	16	7	5	10	5	5	6	5	4	2	3
Congenital anomalies of heart (745-746)	145	85	68	42	46	29	31	18	20	19	14
Other congenital anomalies of circulatory system (747)	23	8	9	3	6	5	4	2	2	2	1
Congenital anomalies of respiratory system (748)	12	10	5	7	4	2	4	2	2	2	2
Congenital anomalies of digestive system (749-751)	8	4	1	1	3	4	1	4	-	4	3
Congenital anomalies of genitourinary system (752-753)	2	3	2	-	-	-	1	1	1	-	-
Congenital anomalies of musculoskeletal system (754-756)	10	2	3	1	5	2	2	2	1	4	-
Down's syndrome (758.0)	1	3	3	5	1	9	2	2	2	2	2
Other chromosomal anomalies (758.1-758.9)	59	39	22	8	16	9	6	7	2	4	2
All other and unspecified congenital anomalies (744,757,759)	17	23	13	10	9	4	10	2	4	4	-
Certain conditions originating in the perinatal period (760-779)	158	63	48	48	43	43	22	28	15	12	11
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	4	2	1	1	-	2	-	1	-	-	-
Newborn affected by maternal complications of pregnancy (761)	1	2	2	1	-	1	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	2	-	-	1	-	-	-	-	-	1	-
Newborn affected by other complications of labor and delivery (763) ..	1	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	1	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	10	4	2	3	4	2	-	2	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	-	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	13	6	2	4	1	4	2	1	-	2	1
Fetal distress in liveborn infant (768.2-768.4)	4	2	2	1	1	1	1	1	-	1	1
Birth asphyxia (768.5-768.9)	9	6	-	3	1	3	2	-	-	1	-
Respiratory distress syndrome (769)	36	12	16	12	6	3	5	3	3	-	1
Other respiratory conditions of newborn (770)	46	28	23	21	30	28	14	20	11	5	8
Infections specific to the perinatal period (771)	16	2	-	3	1	-	-	1	-	3	1
Neonatal hemorrhage (772)	-	-	-	-	-	-	-	-	-	-	-
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)	1	-	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	1	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	26	7	2	2	-	2	-	-	-	1	-
Symptoms, signs, and ill-defined conditions (780-799)	636	625	445	234	152	91	56	38	31	18	11
Sudden infant death syndrome (798.0)	555	568	387	206	126	76	44	27	25	14	4
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	81	57	58	28	26	15	12	11	6	4	7
Accidents and adverse effects (E800-E949)	65	38	50	36	29	37	26	25	35	29	42
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	12	16	7	6	3	6	1	3	2	4	3
Accidental mechanical suffocation (E913)	22	6	12	12	11	11	10	5	4	3	6
Other accidental causes and adverse effects (E800-E910,E914-E949)	31	16	31	18	15	20	15	17	29	22	33
Homicide (E960-E969)	14	18	16	17	18	13	8	14	7	6	8
Child battering and other maltreatment (E967)	5	12	7	6	9	5	4	5	1	3	1
Other homicide (E960-E966,E968-E969)	9	6	9	11	9	8	4	9	6	3	7
All other causes (Residual)	107	69	35	55	38	27	33	24	20	14	19

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	25,794	2,812	6,390	1,587	939	628	480	344	287	13,467	1,471	866	624	16,428
Certain intestinal infections (008-009)	38	-	-	-	-	1	-	-	-	1	-	-	-	1
Whooping cough (033)	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	43	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	173	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral diseases (045-079)	89	-	-	-	1	-	-	1	-	2	12	4	1	19
Congenital syphilis (090)	4	1	-	1	-	-	-	-	-	2	-	1	-	3
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042,*044,080-088,091-139)	143	1	1	4	-	-	-	-	-	6	4	3	2	15
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	92	2	4	-	1	-	-	1	-	8	2	5	2	17
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	39	3	5	4	2	-	1	1	-	16	5	-	-	21
Diseases of thymus gland (254)	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	11	-	-	-	-	1	-	-	-	1	1	2	-	4
Diseases of blood and blood-forming organs (280-289)	48	-	2	3	2	2	2	1	-	12	5	3	1	21
Meningitis (320-322)	128	-	-	1	-	1	-	1	-	3	5	6	4	18
Other diseases of nervous system and sense organs (323-389)	363	-	3	2	2	1	5	-	-	13	7	9	6	35
Acute upper respiratory infections (460-465)	29	-	-	-	-	-	-	-	-	-	1	-	1	2
Bronchitis and bronchiolitis (466,490-491)	58	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	396	-	4	7	4	4	3	5	1	28	10	12	13	63
Pneumonia (480-486)	386	-	4	7	4	4	3	5	1	28	10	12	13	63
Influenza (487)	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	230	2	3	6	4	-	-	-	1	16	2	2	6	26
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	57	3	11	-	-	1	1	2	-	18	3	2	2	25
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	48	-	1	-	2	-	-	-	-	3	4	1	4	12
Remainder of diseases of digestive system (520-534,536-543,562-579)	96	-	1	2	-	1	-	1	-	5	6	4	1	16
Congenital anomalies (740-759)	6,312	615	1,549	506	318	230	196	146	116	3,676	542	273	178	4,669
Anencephalus and similar anomalies (740)	387	145	175	12	6	11	11	4	3	367	6	1	3	377
Spina bifida (741)	63	10	17	4	1	-	2	2	1	37	4	2	2	45
Congenital hydrocephalus (742.3)	119	9	25	7	4	6	1	2	-	54	8	7	1	70
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	244	34	37	19	13	6	5	5	3	122	17	16	6	161
Congenital anomalies of heart (745-746)	1,983	20	124	116	113	106	88	73	64	704	281	126	83	1,194
Other congenital anomalies of circulatory system (747)	354	5	33	29	31	22	21	11	13	165	49	29	8	251
Congenital anomalies of respiratory system (748)	954	121	455	140	52	17	16	7	4	812	36	14	10	872
Congenital anomalies of digestive system (749-751)	82	5	4	5	1	1	4	1	-	21	7	6	1	35
Congenital anomalies of genitourinary system (752-753)	388	60	231	39	16	3	4	2	-	355	6	4	8	373
Congenital anomalies of musculoskeletal system (754-756)	431	34	180	54	25	9	6	3	6	317	36	14	7	374
Down's syndrome (758.0)	72	10	11	1	2	1	1	-	-	26	-	3	2	31
Other chromosomal anomalies (758.1-758.9)	713	46	87	59	36	40	33	27	19	347	77	44	34	502
All other and unspecified congenital anomalies (744,757,759)	522	116	170	21	18	8	4	9	3	349	15	7	13	384
Certain conditions originating in the perinatal period (760-779)	11,181	2,117	4,696	979	528	335	239	155	146	9,195	712	392	227	10,526
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	104	30	29	7	10	2	-	-	1	79	10	5	1	95
Newborn affected by maternal complications of pregnancy (761)	987	435	495	30	6	4	3	-	1	974	4	4	2	984
Newborn affected by complications of placenta, cord, and membranes (762)	672	278	290	33	13	15	9	1	1	640	14	8	3	665
Newborn affected by other complications of labor and delivery (763)	41	13	14	4	2	1	1	-	1	36	2	-	1	39
Slow fetal growth and fetal malnutrition (764)	22	4	6	-	1	-	1	3	1	16	3	1	1	21
Disorders relating to short gestation and unspecified low birthweight (765)	1,981	666	1,157	62	19	11	6	5	3	1,929	11	9	7	1,956
Disorders relating to long gestation and high birthweight (766)	1	-	-	-	-	-	-	-	-	1	-	-	-	1
Birth trauma (767)	147	4	28	11	9	12	8	12	9	93	29	11	9	142
Intrauterine hypoxia and birth asphyxia (768)	466	64	131	47	33	25	25	11	7	343	48	22	9	422
Fetal distress in liveborn infant (768.2-768.4)	131	13	29	12	7	7	5	1	1	81	21	11	6	119
Birth asphyxia (768.5-768.9)	335	51	102	35	26	18	18	6	6	262	27	11	3	303
Respiratory distress syndrome (769)	2,384	58	885	384	214	124	84	61	51	1,861	221	102	57	2,241
Other respiratory conditions of newborn (770)	2,013	222	754	200	98	70	45	31	34	1,454	131	54	47	1,686
Infections specific to the perinatal period (771)	571	17	174	59	29	24	16	6	11	336	93	75	37	541
Neonatal hemorrhage (772)	168	12	25	26	26	13	8	4	5	119	34	10	5	168
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	22	3	5	1	3	1	1	-	2	16	2	1	1	20
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	8	2	1	3	1	-	-	-	-	7	-	-	-	7
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,594	309	701	112	64	33	32	21	19	1,291	110	90	47	1,538
Symptoms, signs, and ill-defined conditions (780-799)	4,323	30	29	13	12	7	7	7	11	116	54	89	124	383
Sudden infant death syndrome (798.0)	3,773	8	3	2	3	3	3	4	6	32	41	73	107	253
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	550	22	26	11	9	4	4	3	5	84	13	16	17	130
Accidents and adverse effects (E800-E949)	614	4	11	3	4	1	2	2	1	28	13	10	15	66
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	99	1	-	-	1	1	1	-	-	4	2	3	4	13
Accidental mechanical suffocation (E913)	139	-	2	-	-	-	-	1	-	3	4	-	6	13
Other accidental causes and adverse effects (E800-E910,E914-E949)	376	3	9	3	3	-	1	1	1	21	7	7	5	40
Homicide (E960-E969)	178	19	6	3	1	-	-	-	-	29	1	2	9	41
Child battering and other maltreatment (E967)	67	2	1	-	-	-	-	-	-	3	1	-	2	6
Other homicide (E960-E966,E968-E969)	111	17	5	3	1	-	-	-	-	26	-	2	7	35
All other causes (Residual)	1,089	15	64	53	58	43	24	21	11	289	82	46	28	445

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	2,280	1,985	1,437	999	708	519	392	303	276	235	232
Certain intestinal infections (008-009)	24	3	4	3	-	1	2	-	-	-	-
Whooping cough (033)	3	-	1	-	1	-	-	-	1	1	-
Meningococcal infection (036)	5	8	5	7	2	6	-	4	-	-	3
Septicemia (038)	59	33	16	15	16	9	3	7	8	5	2
Viral diseases (045-079)	16	12	6	11	5	2	6	2	2	6	2
Congenital syphilis (090)	1	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	24	24	15	14	13	7	11	7	5	4	4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	9	6	5	6	7	6	11	4	6	7	8
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2	1	2	1	2	4	-	1	-	-	5
Diseases of thymus gland (254)	2	1	2	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	1	1	1	1	1	2	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	9	2	3	1	1	4	3	-	-	2	2
Meningitis (320-322)	18	7	9	12	15	12	6	4	8	10	9
Other diseases of nervous system and sense organs (323-389)	35	38	48	31	31	31	32	24	22	19	17
Acute upper respiratory infections (460-465)	2	8	3	5	2	2	2	1	1	-	1
Bronchitis and bronchiolitis (466,490-491)	8	16	11	8	4	5	1	1	3	-	1
Pneumonia and influenza (480-487)	81	70	51	47	21	20	16	12	5	6	4
Pneumonia (480-486)	79	69	49	46	20	19	16	10	5	6	4
Influenza (487)	2	1	2	1	1	1	-	2	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	45	44	29	27	17	6	12	9	4	7	4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	4	9	4	4	2	1	1	2	3	2	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	15	5	7	5	-	2	-	-	-	-	1
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	27	11	8	4	6	9	4	2	5	2	2
Congenital anomalies (740-759)	462	286	172	159	148	99	87	63	52	58	57
Anencephalus and similar anomalies (740)	4	3	3	3	-	-	-	-	-	1	-
Spina bifida (741)	3	5	3	3	-	-	1	1	-	1	1
Congenital hydrocephalus (742.3)	16	4	5	7	5	2	3	-	2	3	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	21	13	6	9	9	6	8	4	2	3	2
Congenital anomalies of heart (745-746)	220	126	75	86	74	52	34	32	28	29	33
Other congenital anomalies of circulatory system (747)	37	19	11	4	10	7	6	2	3	3	1
Congenital anomalies of respiratory system (749)	21	15	7	13	10	2	8	2	1	1	2
Congenital anomalies of digestive system (749-751)	14	6	2	4	4	4	1	7	1	3	5
Congenital anomalies of genitourinary system (752-753)	2	5	5	1	-	-	1	-	1	1	-
Congenital anomalies of musculoskeletal system (754-756)	14	7	8	3	6	4	2	3	3	6	1
Down's syndrome (758.0)	3	6	7	9	2	4	5	2	-	2	1
Other chromosomal anomalies (758.1-758.9)	82	49	22	11	12	9	9	6	7	-	4
All other and unspecified congenital anomalies (744,757,759)	25	28	20	12	16	9	9	4	5	5	5
Certain conditions originating in the perinatal period (760-779)	194	90	64	63	66	51	43	28	24	21	11
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	2	1	1	1	2	-	-	-	1	-
Newborn affected by maternal complications of pregnancy (761)	2	-	-	1	-	-	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	2	1	1	-	1	1	-	-	-	1	-
Newborn affected by other complications of labor and delivery (763) ..	2	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	1	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	10	2	1	4	4	2	1	1	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	3	1	-	-	1	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	14	12	3	3	2	4	2	1	-	2	1
Fetal distress in liveborn infant (768.2-768.4)	3	2	1	1	-	1	1	-	-	1	1
Birth asphyxia (768.5-768.9)	11	12	1	2	2	2	1	-	-	1	-
Respiratory distress syndrome (769)	48	17	21	13	15	5	12	3	7	-	2
Other respiratory conditions of newborn (770)	57	42	30	38	40	34	28	21	16	14	7
Infections specific to the perinatal period (771)	18	3	1	2	1	-	-	1	1	2	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)	35	10	5	1	1	2	-	1	-	1	-
Symptoms, signs, and ill-defined conditions (780-799)	991	1,119	821	427	227	145	75	55	38	25	17
Sudden infant death syndrome (798.0)	887	1,011	744	385	200	124	69	41	32	17	10
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	104	108	77	42	27	21	6	14	6	8	7
Accidents and adverse effects (E800-E949)	76	57	61	57	39	39	37	36	54	38	54
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	15	19	13	8	5	9	3	3	3	6	2
Accidental mechanical suffocation (E913)	18	11	13	21	15	8	12	7	8	2	11
Other accidental causes and adverse effects (E800-E910,E914-E949)	43	27	35	28	19	22	22	26	43	30	41
Homicide (E960-E969)	22	18	16	16	19	11	6	11	5	7	6
Child battering and other maltreatment (E967)	10	10	7	6	10	6	3	4	1	3	1
Other homicide (E960-E966,E968-E969)	12	8	9	10	9	5	3	7	4	4	5
All other causes (Residual)	145	116	73	75	63	45	34	30	26	15	22

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	14,760	1,495	3,596	887	582	337	276	220	164	7,557	846	500	370	9,273
Certain intestinal infections (008-009)	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	22	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	101	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral diseases (045-079)	54	-	-	-	1	-	-	-	1	-	2	7	3	13
Congenital syphilis (090)	3	1	-	1	-	-	-	-	-	2	-	-	-	2
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	77	1	-	2	-	-	-	-	-	3	2	1	1	7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	45	2	4	-	-	-	-	-	-	6	1	3	2	12
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	24	1	3	2	2	-	1	1	-	10	4	-	-	14
Diseases of thymus gland (254)	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	6	-	-	-	-	-	-	-	-	-	1	-	-	1
Diseases of blood and blood-forming organs (280-289)	27	-	1	2	2	-	2	1	-	8	2	1	-	11
Meningitis (320-322)	74	-	1	1	1	-	1	-	-	2	2	2	2	8
Other diseases of nervous system and sense organs (323-369)	213	-	2	1	2	1	1	-	-	7	4	6	3	20
Acute upper respiratory infections (460-465)	21	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	41	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	246	-	3	5	3	1	2	3	1	18	6	9	7	40
Pneumonia (480-486)	241	-	3	5	3	1	2	3	1	18	6	9	7	40
Influenza (487)	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	138	-	2	6	3	-	-	-	1	12	2	-	4	18
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	35	2	4	-	-	1	1	2	-	10	1	-	2	13
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	33	-	1	2	1	-	-	1	-	2	4	1	3	7
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	59	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies (740-759)	3,437	321	900	284	192	116	109	84	60	2,066	301	155	95	2,617
Anencephalus and similar anomalies (740)	158	51	77	6	-	3	5	2	1	145	5	-	2	152
Spina bifida (741)	28	5	10	2	-	-	1	1	1	19	1	1	1	22
Congenital hydrocephalus (742.3)	56	5	14	3	1	2	-	1	-	26	4	3	-	33
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	113	13	18	8	6	2	3	1	2	53	12	9	4	78
Congenital anomalies of heart (745-746)	1,111	8	73	73	73	52	58	47	36	420	159	79	43	701
Other congenital anomalies of circulatory system (747)	193	2	15	18	16	10	9	8	10	88	29	16	5	138
Congenital anomalies of respiratory system (748)	567	70	271	80	33	11	8	4	2	479	21	10	8	518
Congenital anomalies of digestive system (749-751)	42	2	1	1	1	-	3	1	-	9	5	1	1	20
Congenital anomalies of genitourinary system (752-753)	274	43	167	28	11	1	2	1	-	253	6	3	3	265
Congenital anomalies of musculoskeletal system (754-756)	229	20	101	18	17	9	3	-	1	169	19	5	2	195
Down's syndrome (758.0)	44	7	7	-	-	1	-	-	-	16	-	3	1	20
Other chromosomal anomalies (758.1-758.9)	341	25	50	34	23	22	16	14	7	191	33	18	18	260
All other and unspecified congenital anomalies (744,757,759)	281	70	96	12	11	3	1	5	-	198	7	3	7	215
Certain conditions originating in the perinatal period (760-779)	6,339	1,134	2,609	544	330	188	143	104	92	5,144	430	240	137	5,951
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	56	13	14	5	5	1	-	-	-	38	7	4	1	50
Newborn affected by maternal complications of pregnancy (761)	521	240	250	15	6	3	-	-	1	515	2	2	-	519
Newborn affected by complications of placenta, cord, and membranes (762)	374	148	163	16	8	6	8	1	-	350	10	7	2	369
Newborn affected by other complications of labor and delivery (763) ..	26	6	9	2	2	1	1	-	1	22	2	-	1	25
Slow fetal growth and fetal malnutrition (764)	15	3	3	-	1	-	1	3	1	12	1	1	1	15
Disorders relating to short gestation and unspecified low birthweight (765)	1,091	355	645	42	10	6	2	2	2	1,064	6	4	4	1,078
Disorders relating to long gestation and high birthweight (766)	1	-	1	-	-	-	-	-	-	1	-	-	-	1
Birth trauma (767)	87	1	19	4	5	4	5	9	7	54	16	8	6	84
Intrauterine hypoxia and birth asphyxia (768)	256	36	75	24	21	10	16	7	4	193	27	11	6	237
Fetal distress in liveborn infant (768.2-768.4)	70	12	16	3	2	3	3	4	-	43	14	4	5	66
Birth asphyxia (768.5-768.9)	186	24	59	21	19	7	13	3	4	150	13	7	1	171
Respiratory distress syndrome (769)	1,474	36	529	226	141	71	50	41	34	1,128	150	68	41	1,387
Other respiratory conditions of newborn (770)	1,114	119	398	97	61	37	27	21	22	782	73	31	24	910
Infections specific to the perinatal period (771)	319	9	96	33	21	16	8	4	7	194	52	39	18	303
Neonatal hemorrhage (772)	90	8	12	15	14	10	5	3	2	69	17	3	1	90
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	13	3	4	1	-	1	1	-	-	10	1	-	-	11
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	5	-	1	3	1	-	-	-	-	5	-	-	-	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)	897	157	390	61	34	22	19	13	11	707	66	62	32	867
Symptoms, signs, and ill-defined conditions (780-799)	2,685	15	16	4	11	3	3	5	5	62	30	44	81	217
Sudden infant death syndrome (798.0)	2,361	5	3	1	3	1	1	2	3	19	23	34	69	145
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	324	10	13	3	8	2	2	3	2	43	7	10	12	72
Accidents and adverse effects (E800-E949)	334	1	6	2	3	-	1	1	-	14	4	7	8	33
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	54	1	-	-	1	-	1	-	-	3	1	1	1	6
Accidental mechanical suffocation (E913)	81	-	-	-	-	-	-	1	-	1	-	-	5	7
Other accidental causes and adverse effects (E800-E910,E914-E949)	199	-	6	2	2	-	-	-	-	10	2	6	2	20
Homicide (E960-E969)	91	11	3	3	1	-	-	-	-	18	-	-	4	22
Child battering and other maltreatment (E967)	34	1	-	-	-	-	-	-	-	1	-	-	1	2
Other homicide (E960-E966,E968-E969)	57	10	3	3	1	-	-	-	-	17	-	-	3	20
All other causes (Residual)	626	6	41	28	31	26	13	17	5	167	44	26	19	256

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	1,320	1,207	888	613	400	296	211	162	149	116	125
Certain intestinal infections (008-009)	14	2	4	3	-	-	1	-	-	-	-
Whooping cough (033)	-	5	2	5	-	2	-	2	1	-	1
Meningococcal infection (036)	3	20	9	9	12	3	2	5	5	2	2
Septicemia (038)	32										
Viral diseases (045-079)	11	3	5	7	3	2	3	1	2	2	2
Congenital syphilis (090)	1	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032, 034-035, 037, 039-041, *042-*044, 080-088, 091-139)	14	15	11	8	6	1	4	4	3	1	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5	3	2	4	3	4	4	-	-	2	4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	-	1	1	1	2	-	1	-	-	3
Diseases of thymus gland (254)	1	-	2	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	1	-	1	1	-	2	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	7	1	2	-	1	1	3	-	-	-	1
Meningitis (320-322)	13	4	7	4	8	8	2	4	4	6	6
Other diseases of nervous system and sense organs (323-369)	23	22	28	21	18	13	24	12	10	11	11
Acute upper respiratory infections (460-465)	2	5	2	3	2	2	2	1	1	-	1
Bronchitis and bronchiolitis (466,490-491)	6	13	8	5	3	4	-	-	2	-	-
Pneumonia and influenza (480-487)	53	44	38	28	7	12	7	6	4	4	3
Pneumonia (480-486)	51	43	37	28	7	11	7	6	4	4	3
Influenza (487)	2	1	1	-	-	1	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	24	26	19	14	12	6	7	4	3	4	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	4	5	4	2	1	1	1	1	3	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-556)	10	3	5	4	-	2	-	-	1	-	1
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	16	4	6	2	5	7	2	1	4	-	1
Congenital anomalies (740-759)	291	144	77	87	78	52	36	26	26	28	35
Anencephalus and similar anomalies (740)	3	1	1	1	-	-	-	-	-	-	-
Spina bifida (741)	7	1	2	1	-	-	1	-	-	1	-
Congenital hydrocephalus (742.3)	7	1	3	2	4	2	1	-	1	2	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	9	7	2	3	6	1	3	1	1	1	1
Congenital anomalies of heart (745-746)	111	66	31	53	42	30	12	16	12	15	22
Other congenital anomalies of circulatory system (747)	19	13	6	3	5	3	2	-	2	2	-
Congenital anomalies of respiratory system (748)	15	8	4	6	7	1	6	-	-	1	1
Congenital anomalies of digestive system (749-751)	8	3	1	1	2	2	-	3	-	-	2
Congenital anomalies of genitourinary system (752-753)	2	2	3	-	-	-	1	-	-	1	-
Congenital anomalies of musculoskeletal system (754-756)	8	6	5	2	1	3	1	1	3	3	1
Down's syndrome (758.0)	2	4	4	5	1	2	3	1	-	1	1
Other chromosomal anomalies (758.1-758.9)	34	20	6	5	2	2	4	1	5	-	2
All other and unspecified congenital anomalies (744,757,759)	13	12	9	5	8	6	2	3	2	1	5
Certain conditions originating in the perinatal period (760-779)	105	55	37	39	45	31	29	16	16	13	2
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	-	1	-	1	2	-	-	-	1	-
Newborn affected by maternal complications of pregnancy (761)	2	-	-	-	-	-	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	1	1	1	-	1	1	-	-	-	-	-
Newborn affected by other complications of labor and delivery (763) ..	1	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	1	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	4	2	-	2	2	2	1	-	-	-	-
Disorders relating to long gestation and high birthweight (766)	2	1	-	-	-	-	-	-	-	-	-
Birth trauma (767)	2	1	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	5	7	1	-	1	2	1	1	-	1	-
Fetal distress in liveborn infant (768.2-768.4)	1	-	-	-	-	1	1	-	-	-	-
Birth asphyxia (768.5-768.9)	4	7	1	-	1	1	-	-	-	1	-
Respiratory distress syndrome (769)	31	8	12	7	12	4	7	1	4	-	1
Other respiratory conditions of newborn (770)	29	29	17	28	26	19	20	13	11	11	1
Infections specific to the perinatal period (771)	10	2	1	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)	-	-	-	-	-	-	-	-	-	-	-
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	3	1	1	1	-	1	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	604	724	523	288	126	84	41	34	21	15	8
Sudden infant death syndrome (798.0)	549	649	479	259	113	71	39	25	17	9	6
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	55	75	44	29	13	13	2	9	4	6	2
Accidents and adverse effects (E800-E949)	41	36	36	35	23	20	20	23	27	17	23
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	7	9	10	4	3	5	3	2	2	2	1
Accidental mechanical suffocation (E913)	12	9	7	13	10	2	5	5	5	1	5
Other accidental causes and adverse effects (E800-E910,E914-E949)	22	18	19	18	10	13	12	16	20	14	17
Homicide (E960-E969)	12	8	8	7	10	7	3	5	2	4	3
Child battering and other maltreatment (E967)	5	4	4	4	5	4	1	1	1	2	1
Other homicide (E960-E966,E968-E969)	7	4	4	3	5	3	2	4	1	2	2
All other causes (Residual)	86	65	50	36	36	30	20	14	12	7	14

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	11,034	1,317	2,794	700	357	291	204	124	123	5,910	625	366	254	7,155
Certain intestinal infections (008-009)	14	-	-	-	-	1	-	-	-	1	-	-	-	1
Whooping cough (033)	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	21	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	72	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral diseases (045-079)	35	-	-	-	-	-	-	-	-	-	5	1	-	6
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)	66	-	1	2	-	-	-	-	-	3	2	2	1	8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	47	-	-	-	1	-	-	-	1	-	1	2	-	5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	15	2	2	2	-	-	-	-	-	6	1	-	-	7
Diseases of thymus gland (254)	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	5	-	-	-	-	1	-	-	-	1	-	2	-	3
Diseases of blood and blood-forming organs (280-289)	21	-	1	1	-	2	-	-	-	4	3	2	1	10
Meningitis (320-322)	54	-	-	-	-	-	-	1	-	1	3	4	2	10
Other diseases of nervous system and sense organs (323-389)	150	-	1	1	-	-	4	-	-	6	3	3	3	15
Acute upper respiratory infections (460-465)	8	-	-	-	-	-	-	-	-	-	1	-	1	2
Bronchitis and bronchiolitis (466,490-491)	17	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	150	-	1	2	1	3	1	2	-	10	4	3	6	23
Pneumonia (480-486)	145	-	1	2	1	3	1	2	-	10	4	3	6	23
Influenza (487)	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	92	2	1	-	1	-	-	-	-	4	-	2	2	8
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	22	1	7	-	-	-	-	-	-	8	2	2	-	12
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	15	-	-	-	1	-	-	-	-	1	3	-	1	5
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	37	-	-	-	-	1	-	-	-	1	2	2	-	5
Congenital anomalies (740-759)	2,875	294	649	222	126	114	87	62	56	1,610	241	118	83	2,052
Anencephalus and similar anomalies (740)	229	94	98	6	6	8	6	2	2	222	1	1	1	225
Spina bifida (741)	35	5	7	2	1	-	1	2	-	18	3	1	1	23
Congenital hydrocephalus (742.3)	63	4	11	4	3	4	1	1	-	28	4	4	1	37
Other congenital anomalies of central nervous system and eyes (742.0-742.2,742.4-742.9,743)	131	21	19	11	7	4	2	4	1	69	5	7	2	83
Congenital anomalies of heart (745-746)	182	12	51	43	40	54	30	26	28	284	122	47	40	493
Other congenital anomalies of circulatory system (747)	161	3	18	11	15	12	12	3	3	77	20	13	3	113
Congenital anomalies of respiratory system (748)	387	51	184	60	19	6	8	3	2	333	15	4	2	354
Congenital anomalies of digestive system (749-751)	40	3	3	4	-	1	1	-	-	12	2	1	-	15
Congenital anomalies of genitourinary system (752-753)	114	17	64	11	5	2	2	1	-	102	-	1	5	108
Congenital anomalies of musculoskeletal system (754-756)	202	14	79	36	8	-	3	3	5	148	17	9	5	179
Down's syndrome (758.0)	28	3	4	-	2	-	1	-	-	10	-	-	1	11
Other chromosomal anomalies (758.1-758.9)	372	21	37	25	13	18	17	13	12	156	44	26	16	242
All other and unspecified congenital anomalies (744,757,759)	241	46	74	9	7	5	3	4	3	151	8	4	6	169
Certain conditions originating in the perinatal period (760-779)	4,842	983	2,087	435	198	147	96	51	54	4,051	282	152	90	4,575
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	48	17	15	2	5	1	-	-	1	41	3	1	-	45
Newborn affected by maternal complications of pregnancy (761)	466	195	245	15	-	1	3	-	-	459	2	2	2	465
Newborn affected by complications of placenta, cord, and membranes (762)	298	130	127	17	5	9	1	-	1	290	4	1	1	296
Newborn affected by other complications of labor and delivery (763) ...	15	7	5	2	-	-	-	-	-	14	-	-	-	14
Slow fetal growth and fetal malnutrition (764)	7	1	3	-	-	-	-	-	-	4	2	-	-	6
Disorders relating to short gestation and unspecified low birthweight (765)	890	311	512	20	9	5	4	3	1	865	5	5	3	878
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	60	3	9	7	4	8	3	3	2	39	13	3	3	58
Intrauterine hypoxia and birth asphyxia (768)	210	28	56	23	12	15	9	4	3	150	21	11	3	185
Fetal distress in liveborn infant (768.2-768.4)	61	1	13	9	5	4	1	1	1	38	7	7	1	53
Birth asphyxia (768.5-768.9)	149	27	43	14	7	11	5	3	2	112	14	4	2	132
Respiratory distress syndrome (769)	910	22	356	158	73	53	34	20	17	733	71	34	16	854
Other respiratory conditions of newborn (770)	899	103	356	103	37	33	18	10	12	672	58	23	23	776
Infections specific to the perinatal period (771)	252	8	78	26	8	8	8	2	4	142	41	36	19	238
Neonatal hemorrhage (772)	78	4	13	11	12	3	3	1	3	50	17	7	4	78
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	9	-	1	-	3	-	-	-	2	6	1	1	1	9
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	3	2	-	-	-	-	-	-	-	2	-	-	-	2
Hemorrhagic disease of newborn (776.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	697	152	311	51	30	11	13	8	8	584	44	28	15	671
Symptoms, signs, and ill-defined conditions (780-799)	1,638	15	13	9	1	4	4	2	6	54	24	45	43	166
Sudden infant death syndrome (798.0)	1,412	3	-	1	-	2	2	2	3	13	18	39	38	108
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	226	12	13	8	1	2	2	-	3	41	6	6	5	58
Accidents and adverse effects (E800-E949)	280	3	5	1	1	1	1	1	1	14	9	3	7	33
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	45	-	-	-	-	1	-	-	-	1	1	2	3	7
Accidental mechanical suffocation (E913)	58	-	2	-	-	-	-	-	-	2	3	-	1	6
Other accidental causes and adverse effects (E800-E910,E914-E949)	177	3	3	1	1	-	1	1	1	11	5	1	3	20
Homicide (E960-E969)	87	8	3	-	-	-	-	-	-	11	1	2	5	19
Child battering and other maltreatment (E967)	33	1	1	-	-	-	-	-	-	2	1	2	1	4
Other homicide (E960-E966,E968-E969)	54	7	2	-	-	-	-	-	-	9	-	2	4	15
All other causes (Residual)	463	9	23	25	27	17	11	4	6	122	38	20	9	189

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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, female - All causes	960	778	549	386	308	223	181	141	127	119	107
Certain intestinal infections (008-009)	10	1	-	-	-	1	1	-	-	-	-
Whooping cough (033)	3	-	-	-	1	-	-	-	-	1	-
Meningococcal infection (036)	2	3	3	2	2	4	-	2	1	-	2
Septicemia (038)	27	13	7	6	4	6	1	2	3	3	-
Viral diseases (045-079)	5	9	1	4	2	-	3	1	-	4	-
Congenital syphilis (090)	-	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,060-068,091-139)	10	9	4	6	7	6	7	3	2	3	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	4	3	3	2	4	2	7	2	6	5	4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	1	1	-	1	2	-	-	-	-	2
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	1	1	3	-	-	-	2	1
Meningitis (320-322)	5	3	2	8	7	4	4	-	4	4	3
Other diseases of nervous system and sense organs (323-389)	12	16	20	10	13	18	8	12	12	8	6
Acute upper respiratory infections (460-465)	-	3	1	-	-	-	-	-	-	-	1
Bronchitis and bronchiolitis (466,490-491)	2	3	3	3	1	1	1	1	1	-	1
Pneumonia and influenza (480-487)	28	26	13	19	14	8	9	6	1	2	1
Pneumonia (480-486)	28	26	12	18	13	8	9	4	1	2	1
Influenza (487)	-	-	1	1	1	-	-	2	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	21	18	10	13	5	-	5	5	1	3	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	4	-	2	1	-	-	1	-	2	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-559)	5	2	2	1	-	-	-	-	-	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	11	7	2	2	1	2	2	1	1	2	1
Congenital anomalies (740-759)	231	142	95	72	70	47	51	37	26	30	22
Anencephalus and similar anomalies (740)	1	2	-	-	-	-	-	-	-	1	-
Spina bifida (741)	3	4	1	2	-	-	-	1	-	1	1
Congenital hydrocephalus (742.3)	9	3	2	5	1	-	2	-	1	1	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	12	6	4	6	3	5	5	3	1	2	1
Congenital anomalies of heart (745-746)	109	60	44	33	32	22	22	16	16	14	11
Other congenital anomalies of circulatory system (747)	18	6	5	1	5	4	4	2	1	1	1
Congenital anomalies of respiratory system (748)	6	7	3	7	3	2	2	2	1	-	1
Congenital anomalies of digestive system (749-751)	-	3	1	-	2	1	1	4	-	3	3
Congenital anomalies of genitourinary system (752-753)	-	2	2	-	-	-	-	-	1	-	-
Congenital anomalies of musculoskeletal system (754-756)	6	1	3	1	5	1	1	2	-	3	-
Down's syndrome (758.0)	1	3	3	4	2	2	2	1	-	1	-
Other chromosomal anomalies (758.1-758.9)	48	29	16	6	10	7	5	5	2	2	2
All other and unspecified congenital anomalies (744,757,759)	12	16	11	7	8	3	7	1	3	4	-
Certain conditions originating in the perinatal period (760-779)	89	35	27	24	21	20	14	12	8	8	9
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	-	2	-	1	-	-	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	-	-	-	1	-	-	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	1	-	-	-	-	-	-	-	-	1	-
Newborn affected by other complications of labor and delivery (763)	1	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	1	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	6	-	1	2	2	-	-	1	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	1	-	-	-	-	-	-
Birth trauma (767)	1	-	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	9	5	2	3	1	2	1	-	-	1	1
Fetal distress in liveborn infant (768.2-768.4)	7	5	2	1	1	1	1	-	-	1	1
Birth asphyxia (768.5-768.9)	2	-	-	2	1	-	-	-	-	-	-
Respiratory distress syndrome (769)	17	9	9	6	3	1	5	2	3	-	1
Other respiratory conditions of newborn (770)	28	13	13	10	14	15	8	8	5	3	6
Infections specific to the perinatal period (771)	8	1	-	-	-	-	-	1	-	2	1
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)	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)	17	5	2	-	-	1	-	-	-	1	-
Symptoms, signs, and ill-defined conditions (780-799)	387	395	298	139	101	61	34	21	17	10	9
Sudden infant death syndrome (798.0)	398	362	265	126	87	59	30	16	15	8	4
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	49	33	33	13	14	8	4	5	2	2	5
Accidents and adverse effects (E800-E949)	35	21	25	22	16	19	17	13	27	21	31
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	8	10	3	4	2	4	-	1	1	4	1
Accidental mechanical suffocation (E913)	6	2	6	8	5	6	7	2	3	1	6
Other accidental causes and adverse effects (E800-E910,E914-E949)	21	9	16	10	9	9	10	10	23	16	24
Homicide (E960-E969)	10	10	8	9	5	4	3	6	3	3	3
Child battering and other maltreatment (E967)	5	6	3	2	5	2	2	3	-	1	-
Other homicide (E960-E966,E968-E969)	5	4	5	7	4	2	1	3	3	2	3
All other causes (Residual)	59	51	23	39	27	15	14	16	14	8	8

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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, both sexes - All causes	12,527	1,253	3,847	735	391	213	135	97	107	6,778	564	393	286	8,021
Certain intestinal infections (008-009)	49	-	-	-	-	1	-	-	-	1	-	-	-	1
Whooping cough (033)	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	12	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	110	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral diseases (045-079)	40	-	1	1	-	-	1	-	1	4	6	-	2	12
Congenital syphilis (090)	15	-	3	1	1	2	1	-	-	8	1	3	-	14
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	124	-	-	-	-	-	-	-	-	-	2	1	-	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	15	1	3	-	-	-	-	-	-	4	-	-	-	4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	15	1	2	-	-	-	-	-	-	3	3	1	-	7
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	4	-	-	-	-	-	-	-	-	-	1	-	-	1
Diseases of blood and blood-forming organs (280-289)	33	-	-	1	2	-	-	-	-	4	-	3	-	7
Meningitis (320-322)	87	-	-	1	-	1	1	1	1	5	3	4	3	15
Other diseases of nervous system and sense organs (323-389)	109	-	-	-	-	-	-	-	-	-	4	-	-	4
Acute upper respiratory infections (460-465)	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	37	-	-	-	-	-	-	-	-	-	1	-	-	1
Pneumonia and influenza (480-487)	210	1	2	1	4	1	1	1	-	11	7	8	4	30
Pneumonia (480-486)	208	1	2	1	4	1	1	1	-	11	7	8	4	30
Influenza (487)	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	139	-	4	4	1	-	-	-	1	10	2	1	4	17
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	27	1	4	1	-	-	1	-	-	7	2	2	1	12
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	51	-	-	-	-	1	1	-	2	4	2	4	3	13
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	69	-	-	1	1	1	-	3	2	8	3	2	1	14
Congenital anomalies (740-759)	1,498	106	323	116	75	47	38	26	28	759	140	69	49	1,017
Anencephalus and similar anomalies (740)	56	18	28	3	2	-	-	-	-	51	1	-	-	52
Spina bifida (741)	7	-	3	-	-	-	-	-	-	3	2	-	-	5
Congenital hydrocephalus (742.3)	44	2	5	3	1	1	-	1	1	14	3	1	2	20
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	54	3	4	3	2	1	1	2	-	16	4	2	-	22
Congenital anomalies of heart (745-746)	479	7	21	27	30	19	18	13	15	150	61	32	20	263
Other congenital anomalies of circulatory system (747)	124	-	14	12	17	6	2	3	5	59	20	6	8	93
Congenital anomalies of respiratory system (748)	261	36	122	33	9	6	4	2	1	213	8	6	2	229
Congenital anomalies of digestive system (749-751)	26	1	1	1	1	2	-	1	1	7	5	-	-	12
Congenital anomalies of genitourinary system (752-753)	77	13	36	10	3	1	1	1	1	63	3	1	1	65
Congenital anomalies of musculoskeletal system (754-756)	92	6	32	14	3	4	5	-	-	64	6	5	3	78
Down's syndrome (758.0)	18	-	2	2	2	1	-	-	-	7	2	2	-	9
Other chromosomal anomalies (758.1-758.9)	135	3	13	4	4	4	5	2	4	39	23	9	8	79
All other and unspecified congenital anomalies (744,757,759)	125	17	43	4	4	2	2	1	4	73	5	4	5	87
Certain conditions originating in the perinatal period (760-779)	6,907	1,102	3,453	562	273	146	82	57	68	5,743	332	213	132	6,420
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	87	26	25	7	2	3	1	2	-	66	3	2	1	72
Newborn affected by maternal complications of pregnancy (761)	516	165	315	16	3	2	1	-	1	503	1	1	-	505
Newborn affected by complications of placenta, cord, and membranes (762)	288	94	157	13	5	4	1	-	-	274	8	-	2	284
Newborn affected by other complications of labor and delivery (763) ..	24	12	7	1	-	-	1	-	-	21	-	1	2	24
Slow fetal growth and fetal malnutrition (764)	7	1	-	1	-	2	1	-	1	6	-	-	-	8
Disorders relating to short gestation and unspecified low birthweight (765)	1,867	488	1,235	67	16	5	5	1	3	1,820	15	3	4	1,842
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	70	1	12	12	16	5	4	1	1	52	6	7	3	68
Intrauterine hypoxia and birth asphyxia (768)	227	26	86	18	10	12	3	4	2	161	18	17	5	201
Fetal distress in liveborn infant (768.2-768.4)	50	7	14	4	1	1	1	-	-	28	7	5	4	44
Birth asphyxia (768.5-768.9)	177	19	72	14	9	11	2	4	2	133	11	12	1	157
Respiratory distress syndrome (769)	1,159	37	465	196	107	54	25	19	15	918	93	40	18	1,069
Other respiratory conditions of newborn (770)	1,238	110	568	118	58	23	20	11	10	918	38	26	21	1,003
Infections specific to the perinatal period (771)	300	15	61	21	10	12	7	5	7	138	51	32	3	272
Neonatal hemorrhage (772)	89	3	19	16	13	5	5	3	6	70	9	6	3	88
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	15	1	3	2	1	2	-	1	-	10	3	-	-	13
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	2	1	1	-	-	-	-	-	-	2	-	-	-	2
Hemorrhagic disease of newborn (776.0)	3	-	-	-	1	-	-	-	1	2	-	-	-	2
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	1,015	122	499	74	31	17	8	10	21	782	87	59	41	969
Symptoms, signs, and ill-defined conditions (780-799)	2,017	15	21	15	11	4	3	4	-	73	30	43	63	209
Sudden infant death syndrome (798.0)	1,617	1	2	5	8	3	2	-	-	21	24	31	52	128
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	400	14	19	10	3	1	1	4	-	52	6	12	11	81
Accidents and adverse effects (E800-E949)	335	6	3	4	1	-	1	1	-	16	2	6	2	26
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	57	-	1	-	-	-	-	-	-	1	-	1	-	2
Accidental mechanical suffocation (E913)	96	-	-	-	-	-	1	-	-	1	-	4	1	6
Other accidental causes and adverse effects (E800-E910,E914-E949)	182	6	2	4	1	-	-	1	-	14	2	1	1	18
Homicide (E960-E969)	142	13	2	2	1	1	-	-	-	19	-	5	3	27
Child battering and other maltreatment (E967)	49	1	2	2	-	-	-	-	-	1	-	4	-	5
Other homicide (E960-E966,E968-E969)	93	12	2	2	1	1	-	-	-	18	-	1	3	22
All other causes (Residual)	476	7	26	25	21	8	5	4	3	99	23	28	17	167

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	1,149	901	645	510	316	257	205	163	142	106	112
Certain intestinal infections (008-009)	31	8	3	-	3	1	-	-	-	1	1
Whooping cough (033)	1	-	-	-	1	-	-	-	-	-	-
Meningococcal infection (036)	-	2	2	2	1	-	2	1	-	1	1
Septicemia (038)	45	26	11	13	3	2	3	4	-	2	1
Viral diseases (045-079)	8	4	1	1	3	4	2	2	1	2	-
Congenital syphilis (090)	-	1	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	22	12	15	21	11	10	6	9	6	4	5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	1	2	1	1	-	1	-	2	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	2	1	2	2	-	-	-	-	1	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	1	-	-	1	-	-	1
Diseases of blood and blood-forming organs (280-289)	4	2	2	1	2	2	5	1	2	4	1
Meningitis (320-322)	17	6	6	9	9	3	8	6	5	1	2
Other diseases of nervous system and sense organs (323-389)	18	16	15	10	9	11	6	8	7	2	3
Acute upper respiratory infections (460-465)	1	1	-	1	-	-	-	-	1	-	-
Bronchitis and bronchiolitis (466,490-491)	2	6	6	6	5	5	1	-	2	1	2
Pneumonia and influenza (480-487)	34	42	26	25	13	5	7	3	10	7	8
Pneumonia (480-486)	34	41	25	25	13	5	7	3	10	7	8
Influenza (487)	-	1	1	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	29	21	21	15	4	7	11	5	3	2	4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2	4	3	2	-	1	1	-	-	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	12	6	5	2	4	5	1	-	-	-	3
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	10	12	9	8	2	3	1	5	2	2	1
Congenital anomalies (740-759)	135	88	60	45	38	23	23	15	23	15	16
Anencephalus and similar anomalies (740)	-	-	2	-	2	-	-	-	-	-	-
Spina bifida (741)	1	-	-	-	-	-	-	1	-	-	-
Congenital hydrocephalus (742.3)	8	3	-	2	3	1	1	1	4	-	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	10	2	4	3	1	1	2	2	3	-	4
Congenital anomalies of heart (745-746)	65	43	30	17	17	10	10	4	7	7	6
Other congenital anomalies of circulatory system (747)	7	6	6	6	1	2	1	-	1	-	1
Congenital anomalies of respiratory system (748)	8	4	4	3	4	3	2	2	1	-	1
Congenital anomalies of digestive system (749-751)	4	1	-	1	3	2	-	-	1	2	-
Congenital anomalies of genitourinary system (752-753)	4	-	1	2	-	-	-	2	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	3	4	-	2	-	-	3	-	1	1	-
Down's syndrome (758.0)	-	1	-	1	-	2	-	1	1	3	-
Other chromosomal anomalies (758.1-758.9)	18	13	8	5	5	1	1	2	1	2	1
All other and unspecified congenital anomalies (744,757,759)	7	11	5	3	2	1	3	1	3	-	2
Certain conditions originating in the perinatal period (760-779)	152	52	55	59	47	46	24	24	15	7	6
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	4	2	6	-	1	2	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	3	2	5	-	-	1	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	1	1	-	1	-	-	1	-	-	-	-
Newborn affected by other complications of labor and delivery (763) ..	-	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	1	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	10	4	2	2	4	1	-	1	1	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	-	-	1	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	11	3	1	2	1	3	2	1	1	1	-
Fetal distress in liveborn infant (768.2-768.4)	4	-	-	1	-	-	-	1	-	-	-
Birth asphyxia (768.5-768.9)	7	3	1	1	1	3	2	-	1	1	-
Respiratory distress syndrome (769)	41	7	8	10	10	6	6	1	1	-	-
Other respiratory conditions of newborn (770)	37	23	28	35	29	28	14	19	11	6	5
Infections specific to the perinatal period (771)	14	5	3	4	1	-	1	-	-	-	-
Neonatal hemorrhage (772)	-	-	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)	1	-	-	-	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	28	5	1	4	1	5	-	1	-	-	1
Symptoms, signs, and ill-defined conditions (780-799)	497	488	319	207	91	68	51	30	27	23	7
Sudden infant death syndrome (798.0)	420	426	259	174	68	48	37	19	17	16	5
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	77	62	60	33	23	20	14	11	10	7	2
Accidents and adverse effects (E800-E949)	46	33	38	30	29	30	17	27	17	17	25
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	10	7	8	6	2	6	3	4	3	-	6
Accidental mechanical suffocation (E913)	21	6	10	13	15	5	4	10	1	3	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	15	20	20	11	12	19	10	13	13	14	17
Homicide (E960-E969)	15	14	13	16	13	8	7	9	8	4	8
Child battering and other maltreatment (E967)	4	6	8	6	5	1	3	4	2	3	2
Other homicide (E960-E966,E968-E969)	11	8	5	10	8	7	4	5	6	1	6
All other causes (Residual)	65	55	31	34	26	23	28	13	10	9	15

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	6,842	642	2,120	425	232	101	79	55	59	3,713	300	216	158	4,387
Certain intestinal infections (008-009)	31	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	54	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral diseases (045-079)	24	-	1	1	-	-	1	-	1	4	1	-	1	6
Congenital syphilis (090)	7	-	1	1	1	-	-	-	-	3	-	2	1	6
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	53	-	-	-	-	-	-	-	-	-	1	-	-	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5	1	1	-	-	-	-	-	-	2	-	-	-	2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	5	-	1	-	-	-	-	-	-	1	-	-	-	1
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	19	-	-	-	1	-	-	-	1	2	-	1	-	3
Meningitis (320-322)	44	-	-	1	-	-	1	1	1	4	3	3	3	12
Other diseases of nervous system and sense organs (323-389)	54	-	-	-	-	-	-	-	-	-	2	-	-	3
Acute upper respiratory infections (460-465)	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	24	-	-	-	-	-	-	-	-	-	1	-	-	1
Pneumonia and influenza (480-487)	121	-	1	1	3	1	1	1	1	8	3	4	3	18
Pneumonia (480-486)	120	-	1	1	3	1	1	1	1	8	3	4	3	18
Influenza (487)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	81	-	2	1	1	-	-	-	1	5	-	1	3	9
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	20	1	3	1	-	-	1	-	-	6	1	2	1	10
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	23	-	-	-	-	-	1	-	1	2	1	3	2	8
Remainder of diseases of digestive system (520-534,536-543,562-579)	44	-	-	1	1	-	-	-	1	3	2	1	1	7
Congenital anomalies (740-759)	789	55	192	73	43	20	20	13	12	428	71	36	25	560
Anencephalus and similar anomalies (740)	22	7	9	-	2	-	-	-	-	18	-	-	-	18
Spina bifida (741)	4	-	1	-	-	-	-	-	-	1	-	-	-	3
Congenital hydrocephalus (742.3)	24	1	3	1	1	-	-	-	-	6	3	1	1	11
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	22	-	1	1	1	-	-	1	4	2	1	-	-	7
Congenital anomalies of heart (745-746)	230	4	12	17	17	8	8	5	6	77	30	16	10	133
Other congenital anomalies of circulatory system (747)	66	-	9	7	8	1	1	3	2	31	10	3	4	48
Congenital anomalies of respiratory system (748)	160	20	80	25	4	3	3	-	-	135	3	5	-	143
Congenital anomalies of digestive system (749-751)	13	-	-	1	1	-	-	1	1	5	1	-	-	6
Congenital anomalies of genitourinary system (752-753)	47	7	24	5	-	-	1	1	-	38	2	-	1	41
Congenital anomalies of musculoskeletal system (754-756)	59	2	22	12	3	2	5	-	-	46	2	2	2	52
Down's syndrome (758.0)	10	-	1	1	1	1	-	-	-	4	-	2	4	6
Other chromosomal anomalies (758.1-758.9)	67	2	7	2	4	2	2	1	3	23	14	2	2	45
All other and unspecified congenital anomalies (744,757,759)	65	12	23	1	2	-	-	1	-	40	2	4	3	47
Certain conditions originating in the perinatal period (760-779)	3,778	559	1,887	324	161	74	48	34	40	3,127	184	124	68	3,503
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	42	8	14	5	-	-	1	1	-	29	3	1	1	34
Newborn affected by maternal complications of pregnancy (761)	291	96	174	11	2	-	-	-	1	284	1	1	-	286
Newborn affected by complications of placenta, cord, and membranes (762)	155	47	89	7	2	2	-	-	-	147	5	-	1	153
Newborn affected by other complications of labor and delivery (763)	10	5	3	1	-	-	1	-	-	10	-	-	-	10
Slow fetal growth and fetal malnutrition (764)	4	-	-	-	-	2	1	-	-	3	-	-	-	3
Disorders relating to short gestation and unspecified low birthweight (765)	972	254	642	39	6	3	1	1	3	949	8	2	1	960
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	37	-	4	6	10	3	1	1	-	25	4	4	2	35
Intrauterine hypoxia and birth asphyxia (768)	135	12	52	9	9	8	2	3	1	96	8	12	3	119
Fetal distress in liveborn infant (768.2-768.4)	30	2	10	2	1	1	1	-	-	17	4	3	2	27
Birth asphyxia (768.5-768.9)	105	10	42	7	8	7	1	3	1	79	5	8	-	92
Respiratory distress syndrome (769)	697	20	289	112	71	28	14	13	12	559	57	22	9	647
Other respiratory conditions of newborn (770)	659	53	298	72	29	12	12	6	3	485	22	14	8	529
Infections specific to the perinatal period (771)	167	7	39	14	5	4	5	5	1	80	30	27	15	152
Neonatal hemorrhage (772)	46	1	13	7	4	2	3	1	4	35	3	5	2	45
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	10	-	3	2	1	1	-	-	-	7	2	-	-	9
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)	1	-	-	-	-	-	-	-	1	1	-	-	-	1
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	551	56	266	39	22	9	7	3	14	416	41	36	26	519
Symptoms, signs, and ill-defined conditions (780-799)	1,160	9	13	8	8	2	1	3	-	44	14	22	37	117
Sudden infant death syndrome (798.0)	917	-	1	2	6	1	1	-	-	11	11	17	32	71
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	243	9	12	6	2	1	-	3	-	33	3	5	5	46
Accidents and adverse effects (E800-E949)	179	5	2	2	1	-	1	1	-	12	2	4	1	19
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	34	-	1	-	-	-	-	-	-	1	-	-	-	1
Accidental mechanical suffocation (E913)	49	-	-	-	-	-	1	-	-	1	-	3	-	4
Other accidental causes and adverse effects (E800-E910,E914-E949)	96	5	1	2	1	-	-	1	-	10	2	1	1	14
Homicide (E960-E969)	69	8	2	-	1	-	-	-	-	11	-	2	2	15
Child battering and other maltreatment (E967)	21	1	-	-	-	-	-	-	-	1	-	1	-	2
Other homicide (E960-E966,E968-E969)	48	7	2	-	1	-	-	-	-	10	-	1	2	13
All other causes (Residual)	246	4	14	11	11	4	4	2	1	51	14	11	10	86

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	611	520	359	288	155	141	102	85	73	58	63
Certain intestinal infections (008-009)	22	5	2	-	-	-	-	-	-	1	1
Whooping cough (033)	1	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	1	-	1	1	-	1	1	-	-	1
Septicemia (038)	20	18	3	7	2	-	1	2	-	1	-
Viral diseases (045-079)	4	3	-	1	1	4	1	1	1	2	-
Congenital syphilis (090)	-	1	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042,*044,080-088,091-139)	7	5	5	9	5	5	3	6	3	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	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	1	-	-	1
Diseases of blood and blood-forming organs (280-289)	4	1	-	-	2	2	1	1	1	3	1
Meningitis (320-322)	11	1	4	2	3	1	5	4	1	1	2
Other diseases of nervous system and sense organs (323-389)	10	5	8	5	3	7	2	4	3	2	2
Acute upper respiratory infections (460-465)	1	-	-	1	-	-	-	-	1	-	-
Bronchitis and bronchiolitis (466,490-491)	-	5	5	3	3	3	1	-	1	1	1
Pneumonia and influenza (480-487)	20	25	12	18	6	3	3	3	6	4	3
Pneumonia (480-486)	20	25	11	18	6	3	3	3	6	4	3
Influenza (487)	-	-	1	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	16	13	8	10	2	4	8	3	3	2	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	3	2	2	-	1	1	-	-	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	6	4	2	-	1	1	-	-	-	-	1
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	5	9	6	5	2	3	-	4	2	1	-
Congenital anomalies (740-759)	67	42	29	25	16	12	8	6	10	5	9
Anencephalus and similar anomalies (740)	-	-	2	-	2	-	-	-	-	-	-
Spina bifida (741)	1	-	-	-	-	-	-	-	-	-	-
Congenital hydrocephalus (742.3)	4	2	-	2	1	1	-	-	2	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	6	1	3	-	-	1	1	1	-	-	2
Congenital anomalies of heart (745-746)	31	21	12	9	6	6	2	2	3	2	3
Other congenital anomalies of circulatory system (747)	4	4	2	4	-	1	1	-	1	-	1
Congenital anomalies of respiratory system (748)	3	1	3	3	3	2	-	2	-	-	-
Congenital anomalies of digestive system (749-751)	3	-	-	-	2	-	-	-	1	1	-
Congenital anomalies of genitourinary system (752-753)	2	-	1	2	-	-	-	1	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	-	3	-	2	-	-	2	-	-	-	-
Down's syndrome (758.0)	-	-	-	-	-	1	-	-	1	2	-
Other chromosomal anomalies (758.1-758.9)	8	6	3	3	1	-	-	-	-	-	1
All other and unspecified congenital anomalies (744,757,759)	5	4	3	-	1	-	1	-	2	-	2
Certain conditions originating in the perinatal period (760-779)	85	27	35	35	26	26	16	9	8	4	4
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	-	2	5	-	1	-	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	2	-	3	-	-	-	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	-	1	-	-	-	-	1	-	-	-	-
Newborn affected by other complications of labor and delivery (763) ...	-	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	1	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	6	1	1	1	2	-	-	-	1	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	-	-	1	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	7	2	1	1	1	2	1	-	1	-	-
Fetal distress in liveborn infant (768.2-768.4)	2	-	-	1	-	-	-	-	-	-	-
Birth asphyxia (768.5-768.9)	5	2	1	-	1	2	1	-	1	-	-
Respiratory distress syndrome (769)	23	4	1	4	7	4	6	-	1	-	-
Other respiratory conditions of newborn (770)	20	10	19	24	14	16	8	7	5	4	3
Infections specific to the perinatal period (771)	6	4	3	2	-	-	-	-	-	-	-
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)	19	3	1	2	1	4	-	1	-	-	1
Symptoms, signs, and ill-defined conditions (780-799)	277	289	193	118	46	40	30	16	13	15	6
Sudden infant death syndrome (798.0)	228	248	155	99	33	26	24	11	7	10	5
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	49	41	38	19	13	14	6	5	6	5	1
Accidents and adverse effects (E800-E949)	18	17	17	19	17	14	8	16	9	10	15
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	8	2	4	4	1	4	2	2	2	-	4
Accidental mechanical suffocation (E913)	5	2	5	11	10	1	1	7	-	1	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	5	13	8	4	6	9	5	7	7	9	9
Homicide (E960-E969)	11	8	6	8	5	2	2	3	4	1	4
Child battering and other maltreatment (E967)	4	2	4	2	1	-	1	2	1	1	1
Other homicide (E960-E966,E968-E969)	7	6	2	6	4	2	1	1	3	-	3
All other causes (Residual)	23	38	22	18	16	13	11	5	5	3	6

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	5,685	611	1,727	310	159	112	56	42	48	3,065	264	177	128	3,634
Certain intestinal infections (008-009)	18	-	-	-	-	1	-	-	-	1	-	-	-	1
Whooping cough (039)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	56	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral diseases (045-079)	16	-	-	-	-	-	-	-	-	-	5	-	1	6
Congenital syphilis (090)	8	-	2	-	-	2	1	-	-	5	1	1	1	8
Remainder of infectious and parasitic diseases (001-007, 010-032, 034-035, 037, 039-041, *042.*044, 080-088, 091-139)	71	-	-	-	-	-	-	-	-	-	1	1	-	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	10	-	2	-	-	-	-	-	-	2	-	-	-	2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	10	1	1	-	-	-	-	-	-	2	3	1	-	6
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	2	-	-	-	-	-	-	-	-	-	1	-	-	1
Diseases of blood and blood-forming organs (280-289)	14	-	-	1	1	-	-	-	-	2	-	2	-	4
Meningitis (320-322)	43	-	-	-	-	1	-	-	-	1	1	1	-	3
Other diseases of nervous system and sense organs (323-389)	55	-	-	-	-	-	-	-	-	-	1	-	-	1
Acute upper respiratory infections (460-465)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	13	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	89	1	1	-	1	-	-	-	-	3	4	4	1	12
Pneumonia (480-486)	88	1	1	-	1	-	-	-	-	3	4	4	1	12
Influenza (487)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	58	-	2	3	-	-	-	-	-	5	2	-	1	8
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	7	-	1	-	-	-	-	-	-	1	1	-	-	2
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	28	-	-	-	-	1	-	-	1	2	1	1	1	5
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	25	-	-	-	-	1	-	3	1	5	1	1	-	7
Congenital anomalies (740-759)	709	51	131	43	32	27	18	13	16	331	69	33	24	457
Anencephalus and similar anomalies (740)	34	11	19	3	-	-	-	-	-	33	-	1	-	34
Spina bifida (741)	3	-	2	-	-	-	-	-	-	2	-	-	-	2
Congenital hydrocephalus (742.3)	20	1	2	2	-	1	-	1	1	8	-	-	1	9
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	32	3	3	2	1	1	1	1	-	12	2	1	-	15
Congenital anomalies of heart (745-746)	249	3	9	10	13	11	10	8	9	73	31	16	10	130
Other congenital anomalies of circulatory system (747)	58	-	5	5	9	5	1	-	3	28	10	3	4	45
Congenital anomalies of respiratory system (748)	101	16	42	8	5	3	1	2	1	78	5	1	2	86
Congenital anomalies of digestive system (749-751)	13	1	-	-	-	1	-	-	-	2	4	-	-	6
Congenital anomalies of genitourinary system (752-753)	30	6	12	5	-	1	-	-	1	25	1	1	-	27
Congenital anomalies of musculoskeletal system (754-756)	33	4	10	2	-	2	-	-	-	18	4	3	1	26
Down's syndrome (758.0)	8	-	1	1	1	-	-	-	-	3	-	-	-	3
Other chromosomal anomalies (758.1-758.9)	68	1	6	2	-	2	3	1	1	16	9	5	4	34
All other and unspecified congenital anomalies (744,757,759)	60	5	20	3	3	-	2	-	-	33	3	2	2	40
Certain conditions originating in the perinatal period (760-779)	3,129	543	1,566	238	112	72	34	23	28	2,616	148	89	64	2,917
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	45	18	11	2	2	3	-	1	-	37	-	1	-	38
Newborn affected by maternal complications of pregnancy (761)	225	69	141	5	1	2	1	-	-	219	-	-	-	219
Newborn affected by complications of placenta, cord, and membranes (762)	133	47	68	6	3	2	1	-	-	127	3	-	1	131
Newborn affected by other complications of labor and delivery (763) ..	14	7	4	-	-	-	-	-	-	11	-	1	2	14
Slow fetal growth and fetal malnutrition (764)	3	1	-	1	-	-	-	-	1	3	-	-	-	3
Disorders relating to short gestation and unspecified low birthweight (765)	895	234	593	28	10	2	4	-	-	871	7	1	3	882
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	33	1	8	6	6	2	3	-	1	27	2	3	1	33
Intrauterine hypoxia and birth asphyxia (768)	92	14	34	9	1	4	1	1	1	65	10	5	2	82
Fetal distress in liveborn infant (768.2-768.4)	20	5	4	2	-	-	-	-	-	11	4	1	1	17
Birth asphyxia (768.5-768.9)	72	9	30	7	1	4	1	1	1	54	6	4	1	65
Respiratory distress syndrome (769)	462	17	176	84	36	26	11	6	3	359	36	18	9	422
Other respiratory conditions of newborn (770)	579	57	270	46	29	11	8	5	7	433	16	12	13	474
Infections specific to the perinatal period (771)	133	8	22	7	5	8	2	-	6	58	21	24	17	120
Neonatal hemorrhage (772)	43	2	6	9	9	3	2	2	2	35	6	1	1	43
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	5	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)	2	-	-	-	1	-	-	-	-	1	-	-	-	1
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	464	66	233	35	9	8	1	7	7	366	46	23	15	450
Symptoms, signs, and ill-defined conditions (780-799)	857	6	8	7	3	2	2	1	-	29	16	21	26	92
Sudden infant death syndrome (798.0)	700	1	1	3	2	2	1	-	-	10	13	14	20	57
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	157	5	7	4	1	-	1	1	-	19	3	7	6	35
Accidents and adverse effects (E800-E949)	156	1	1	2	-	-	-	-	-	4	-	2	1	7
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	23	-	-	-	-	-	-	-	-	-	-	1	-	1
Accidental mechanical suffocation (E913)	47	-	-	-	-	-	-	-	-	-	-	1	1	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	86	1	1	2	-	-	-	-	-	4	-	-	-	4
Homicide (E960-E969)	73	5	-	2	-	1	-	-	-	8	-	3	1	12
Child battering and other maltreatment (E967)	28	-	-	-	-	-	-	-	-	-	-	3	-	3
Other homicide (E960-E966,E968-E969)	45	5	-	2	-	1	-	-	-	8	-	-	1	9
All other causes (Residual)	230	3	12	14	10	4	1	2	2	48	9	17	7	81

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Table 2-16. Infant Deaths From 61 Selected Causes, by Age, Race, and Sex: United States, 1989—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	538	381	286	222	161	116	103	78	69	48	49
Certain intestinal infections (008-009)	9	3	1	--	3	1	--	--	--	--	--
Whooping cough (033)	--	--	--	--	1	--	--	--	--	--	--
Meningococcal infection (036)	--	1	2	1	--	--	1	--	--	1	--
Septicemia (038)	25	8	8	6	1	2	2	2	--	1	1
Viral diseases (045-079)	4	1	1	--	2	--	1	1	--	--	--
Congenital syphilis (090)	--	--	--	--	--	--	--	--	--	--	--
Remainder of infectious and parasitic diseases (001-007, 010-032, 034-036, 039-041, *042-*044, 080-088, 091-139)	15	7	10	12	6	5	3	3	3	2	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	--	1	2	1	--	--	1	--	1	1	--
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	--	1	2	1	--	--	--	--	--	--	--
Diseases of thymus gland (254)	--	--	--	--	--	--	--	--	--	--	--
Cystic fibrosis (277.0)	--	--	--	--	1	--	--	--	--	--	--
Diseases of blood and blood-forming organs (280-289)	--	1	2	1	--	--	4	--	1	1	--
Meningitis (320-322)	6	5	2	7	9	2	3	2	4	--	--
Other diseases of nervous system and sense organs (323-389)	8	11	7	5	6	4	4	4	--	--	1
Acute upper respiratory infections (460-465)	--	1	--	--	--	--	--	--	--	--	--
Bronchitis and bronchiolitis (466,490-491)	2	1	1	3	2	2	--	--	1	--	1
Pneumonia and influenza (480-487)	14	17	14	7	7	2	4	--	4	3	5
Pneumonia (480-486)	14	16	14	7	7	2	4	--	4	3	5
Influenza (487)	--	1	--	--	--	--	--	--	--	--	--
Remainder of diseases of respiratory system (470-478,492-519)	13	8	13	5	2	3	3	2	--	--	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	1	1	--	--	--	--	--	--	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	6	2	3	2	3	4	1	--	--	--	2
Remainder of diseases of digestive system (520-534,536-543,562-579) ..	5	3	3	3	--	--	1	1	--	1	1
Congenital anomalies (740-759)	68	46	31	20	22	11	15	9	13	10	7
Anencephalus and similar anomalies (740)	--	--	--	--	--	--	--	--	--	--	--
Spina bifida (741)	4	1	--	--	2	--	--	1	2	--	1
Congenital hydrocephalus (742.0)	--	--	--	--	--	--	--	--	--	--	--
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	4	1	1	3	1	--	1	1	3	--	2
Congenital anomalies of heart (745-746)	34	22	18	8	11	4	8	2	4	5	3
Other congenital anomalies of circulatory system (747)	3	2	4	2	1	1	--	--	--	--	--
Congenital anomalies of respiratory system (748)	5	3	1	--	1	1	2	--	1	--	1
Congenital anomalies of digestive system (749-751)	1	1	--	1	1	2	--	--	--	1	--
Congenital anomalies of genitourinary system (752-753)	2	--	--	--	--	--	--	1	--	--	--
Congenital anomalies of musculoskeletal system (754-756)	3	1	--	--	--	--	1	--	1	1	--
Down's syndrome (758.0)	--	1	--	1	--	1	--	1	--	1	--
Other chromosomal anomalies (758.1-758.9)	10	7	5	2	4	1	1	2	--	2	--
All other and unspecified congenital anomalies (744,757,759)	2	7	2	3	1	2	1	1	1	--	--
Certain conditions originating in the perinatal period (760-779)	67	25	20	24	21	20	8	15	7	3	2
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	4	--	1	--	--	2	--	--	--	--	--
Newborn affected by maternal complications of pregnancy (761)	1	2	2	--	--	1	--	--	--	--	--
Newborn affected by complications of placenta, cord, and membranes (762)	1	--	--	1	--	--	--	--	--	--	--
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)	4	3	1	1	2	1	--	1	--	--	--
Disorders relating to long gestation and high birthweight (766)	--	--	--	--	--	--	--	--	--	--	--
Birth trauma (767)	--	--	--	--	--	--	--	--	--	--	--
Intrauterine hypoxia and birth asphyxia (768)	4	1	--	1	--	1	1	1	--	1	--
Fetal distress in liveborn infant (768.2-768.4)	2	--	--	--	--	--	--	1	--	--	--
Birth asphyxia (768.5-768.9)	2	1	--	1	--	1	1	--	--	1	--
Respiratory distress syndrome (769)	18	3	7	6	3	2	--	1	--	--	--
Other respiratory conditions of newborn (770)	17	13	9	11	15	12	6	12	6	2	2
Infections specific to the perinatal period (771)	8	1	--	2	1	--	1	--	--	--	--
Neonatal hemorrhage (772)	--	--	--	--	--	--	--	--	--	--	--
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)	1	--	--	--	--	--	--	--	--	--	--
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	9	2	--	2	--	1	--	--	--	--	--
Symptoms, signs, and ill-defined conditions (780-799)	220	199	126	89	45	28	21	14	14	8	1
Sudden infant death syndrome (798.0)	192	178	104	75	35	22	13	8	10	6	--
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	28	21	22	14	10	6	8	6	4	2	1
Accidents and adverse effects (E800-E949)	28	16	21	11	12	16	9	11	8	7	10
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	2	5	4	2	1	2	1	2	1	--	2
Accidental mechanical suffocation (E913)	16	4	5	2	5	4	3	3	1	2	--
Other accidental causes and adverse effects (E800-E910,E914-E949)	10	7	12	7	6	10	5	6	6	5	8
Homicide (E960-E969)	4	6	7	8	8	6	5	6	4	3	4
Child battering and other maltreatment (E967)	--	4	4	4	4	1	2	2	1	2	1
Other homicide (E960-E966,E968-E969)	4	2	3	4	4	5	3	4	3	1	3
All other causes (Residual)	42	17	9	16	10	10	17	8	5	6	9

1 Includes races other than white and black.

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989

(Page 1 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 1997 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			
All causes	39,655	25,168	16,428	8,740	8,021	14,487	9,366	5,121	4,506	755	257	245	243	118	135	134
Certain intestinal infections (008-009)	92	2	1	1	1	90	37	53	48	-	-	-	-	-	-	-
Whooping cough (033)	9	-	-	-	-	9	7	2	2	-	-	-	-	-	-	-
Meningococcal infection (036)	58	-	-	-	-	58	43	15	12	-	-	-	-	-	-	-
Septicemia (038)	290	...	...	...	...	290	173	117	110	5	...	...	...	1	4	4
Viral diseases (045-079)	139	32	19	13	12	107	70	37	28	1	-	-	-	-	1	1
Congenital syphilis (090)	19	17	3	14	14	2	1	1	1	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	274	18	15	3	3	256	128	128	121	2	-	-	-	1	1	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	107	21	17	4	4	86	75	11	11	1	-	-	-	1	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	56	29	21	8	7	27	18	9	8	1	-	-	-	-	1	1
Diseases of thymus gland (254)	6	-	-	-	-	6	5	1	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	15	5	4	1	1	10	7	3	3	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	90	35	21	14	7	55	27	28	26	1	-	-	-	-	1	1
Meningitis (320-322)	229	36	18	18	15	193	110	83	72	4	-	-	-	-	4	4
Other diseases of nervous system and sense organs (323-389) ..	492	41	35	6	4	451	328	123	105	5	-	-	-	2	3	3
Acute upper respiratory infections (460-465)	34	2	2	-	-	32	27	5	4	1	-	-	-	1	-	-
Bronchitis and bronchiolitis (466,490-491)	103	1	-	1	1	102	58	44	36	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	636	100	63	37	30	536	333	203	180	8	2	1	1	2	3	3
Pneumonia (480-486)	624	100	63	37	30	524	323	201	178	8	2	1	1	2	3	3
Influenza (487)	12	-	-	-	-	12	10	2	2	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	384	43	26	17	17	341	204	137	122	5	-	1	1	2	2	2
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	88	39	25	14	12	49	32	17	15	1	-	-	-	1	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	100	25	12	13	13	75	36	39	38	1	1	-	-	-	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	171	31	16	15	14	140	80	60	55	4	1	2	2	1	-	-
Congenital anomalies (740-759)	8,120	5,902	4,669	1,233	1,017	2,218	1,643	575	481	175	81	42	41	30	22	22
Anencephalus and similar anomalies (740)	460	446	377	69	52	14	10	4	4	7	3	4	4	-	-	-
Spina bifida (741)	73	52	45	7	5	21	18	3	2	1	1	-	-	-	-	-
Congenital hydrocephalus (742.3)	172	94	70	24	20	78	49	29	24	3	1	-	-	2	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	314	190	161	29	22	124	83	41	32	3	-	1	1	1	1	1
Congenital anomalies of heart (745-746)	2,559	1,514	1,194	320	263	1,045	789	256	216	65	29	10	10	16	10	10
Other congenital anomalies of circulatory system (747)	491	352	251	101	93	139	103	36	31	21	8	7	7	4	2	2
Congenital anomalies of respiratory system (748)	1,256	1,137	872	265	229	119	82	37	32	20	11	6	5	1	2	2
Congenital anomalies of digestive system (749-751)	111	47	35	12	12	64	47	17	14	3	2	-	-	1	-	-
Congenital anomalies of genitourinary system (752-753)	473	449	378	76	68	24	15	9	9	6	2	2	2	-	1	1
Congenital anomalies of musculoskeletal system (754-756)	543	468	374	94	78	75	57	18	14	14	6	7	7	1	-	-
Down's syndrome (758.0)	93	42	31	11	9	51	41	10	9	-	1	1	1	-	3	3
Other chromosomal anomalies (758.1-758.9)	897	616	502	114	79	281	211	70	56	15	10	1	1	1	3	3
All other and unspecified congenital anomalies (744,757,759) ..	678	495	384	111	87	183	138	45	38	13	4	3	3	3	3	3
Certain conditions originating in the perinatal period (760-779)	18,564	17,378	10,526	6,852	6,420	1,186	655	531	487	364	162	184	183	3	15	14
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	199	174	95	79	72	25	9	16	15	1	1	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	1,534	1,520	984	536	505	14	3	11	11	34	14	20	20	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	984	973	665	308	284	11	7	4	4	15	4	11	10	-	-	-
Newborn affected by other complications of labor and delivery (763)	68	66	39	27	24	2	2	-	-	4	1	3	3	-	-	-
Slow fetal growth and fetal malnutrition (764)	30	27	21	6	6	3	1	2	1	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	3,931	3,878	1,956	1,922	1,842	53	25	28	25	66	32	34	34	-	-	-
Disorders relating to long gestation and high birthweight (766)	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	222	215	142	73	68	7	5	2	2	1	-	1	1	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	725	653	422	231	201	72	44	28	26	15	7	7	7	-	1	1
Fetal distress in liveborn infant (768.2-768.4)	193	175	119	56	44	18	12	6	6	5	-	4	4	-	1	1
Birth asphyxia (768.5-768.9)	532	478	303	175	157	54	32	22	20	10	7	3	3	-	-	-
Respiratory distress syndrome (769)	3,631	3,386	2,241	1,145	1,069	245	143	102	90	96	48	42	42	1	5	5
Other respiratory conditions of newborn (770)	3,344	2,760	1,686	1,074	1,003	584	327	257	235	64	24	34	34	2	4	3
Infections specific to the perinatal period (771)	892	833	541	292	272	59	30	29	28	24	11	9	9	-	4	4
Neonatal hemorrhage (772)	263	262	168	94	88	1	-	1	1	7	2	5	5	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	37	33	20	13	13	4	2	2	2	2	-	2	2	-	-	-
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	10	9	7	2	2	1	1	-	-	-	-	-	-	-	-	-
Hemorrhagic disease of newborn (776.0)	3	2	-	2	2	1	-	1	1	-	-	-	-	-	-	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,690	2,586	1,538	1,048	969	104	56	48	46	35	18	16	16	-	1	1
Symptoms, signs, and ill-defined conditions (780-799)	6,627	6,119	383	236	209	6,008	3,940	2,068	1,808	124	5	8	8	56	55	55
Sudden infant death syndrome (798.0)	5,634	398	253	145	128	5,236	3,520	1,716	1,489	103	4	5	5	50	44	44
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	993	221	130	91	81	772	420	352	319	21	1	3	3	6	11	11
Accidents and adverse effects (E800-E949)	996	96	66	30	26	900	548	352	309	19	-	1	1	9	9	9
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	162	16	13	3	2	146	86	60	55	2	-	-	-	1	1	1
Accidental mechanical suffocation (E913)	248	20	13	7	6	228	126	102	90	7	-	-	-	4	3	3
Other accidental causes and adverse effects (E800-E910,E914-E949)	586	60	40	20	18	526	336	190	164	10	-	1	1	4	5	5
Homicide (E960-E969)	335	69	41	28	27	266	137	129	115	6	-	2	2	2	2	2
Child battering and other maltreatment (E967)	122	11	6	5	5	111	61	50	44	1	-	-	-	1	-	-
Other homicide (E960-E966,E968-E969)	213	58	35	23	22	155	76	79	71	5	-	2	2	1	2	2
All other causes (Residual)	1,621	627	445	182	167	994	644	350	309	27	5	4	4	6	12	12

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	107	28	22	3	26	31	2	620	308	63	28	187	62	27
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Septicemia (038) .....	-	...	...	...	-	-	-	4	...	...	...	4	3	1
Viral diseases (045-079)	2	1	-	-	-	1	-	5	-	-	-	2	3	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)	-	-	-	-	-	-	-	5	1	-	-	2	2	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	-	-	-	-	-	-	-	4	2	-	-	2	-	-
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	-	-	-	-	-
Meningitis (320-322)	2	-	-	-	-	2	-	1	-	-	-	1	-	-
Other diseases of nervous system and sense organs (323-389) ..	3	-	-	-	3	-	-	11	-	1	-	8	2	1
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	2	1	-	-	1	-	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	2	-	-	-	1	1	-
Pneumonia and influenza (480-487)	2	1	1	-	-	-	-	13	1	-	-	10	2	-
Pneumonia (480-486)	2	1	1	-	-	-	-	13	1	-	-	10	2	-
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	-	-	-	-	-	-	-	5	1	-	-	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	-	-	-	-	-	-	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Congenital anomalies (740-759)	20	9	4	-	5	2	1	146	95	15	5	27	9	3
Anencephalus and similar anomalies (740)	1	1	-	-	-	-	-	8	7	1	-	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	2	1	1	1	-	-	-
Congenital hydrocephalus (742.3)	1	-	1	-	-	-	-	3	2	-	-	-	1	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	-	-	-	1	1	-	8	4	-	-	3	1	1
Congenital anomalies of heart (745-746)	7	1	2	-	3	1	1	58	30	6	3	18	4	1
Other congenital anomalies of circulatory system (747)	1	1	-	-	-	-	-	5	1	1	-	2	1	-
Congenital anomalies of respiratory system (748)	1	1	-	-	-	-	-	27	24	3	1	-	-	-
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	1	1	-	-	-	-	-	7	6	1	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	1	1	-	-	-	-	-	7	5	1	-	1	-	-
Down's syndrome (758.0)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Other chromosomal anomalies (758.1-758.9)	2	1	-	-	1	-	-	11	8	1	-	1	1	1
All other and unspecified congenital anomalies (744,757,759) ..	3	2	1	-	-	-	-	9	7	-	-	1	1	-
Certain conditions originating in the perinatal period (760-779)	37	17	16	3	-	4	-	244	190	40	23	8	6	5
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	-	-	-	-	-	-	-	6	4	1	1	-	1	1
Newborn affected by maternal complications of pregnancy (761)	1	-	1	-	-	-	-	21	18	2	2	1	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	4	2	2	-	-	-	-	13	12	1	1	-	-	-
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)	7	3	4	2	-	-	-	40	33	7	5	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	1	-	-	-	-	-	3	2	1	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	2	1	1	-	-	-	-	9	7	1	1	1	-	-
Fetal distress in liveborn infant (768.2-768.4)	2	1	1	-	-	-	-	2	2	-	-	-	-	-
Birth asphyxia (768.5-768.9)	-	-	-	-	-	-	-	7	5	1	1	1	-	-
Respiratory distress syndrome (769)	4	3	1	-	-	-	-	29	23	5	2	-	1	1
Other respiratory conditions of newborn (770)	10	3	3	1	-	4	-	72	49	14	6	6	3	2
Infections specific to the perinatal period (771)	3	3	-	-	-	-	-	9	8	1	-	-	-	-
Neonatal hemorrhage (772)	1	1	-	-	-	-	-	7	5	2	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)	4	-	4	-	-	-	-	35	29	5	4	-	1	1
Symptoms, signs, and ill-defined conditions (780-799)	29	-	-	-	13	16	1	116	6	3	-	84	23	11
Sudden infant death syndrome (798.0)	26	-	-	-	12	14	1	109	2	3	-	82	22	11
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	3	-	-	-	1	2	-	7	4	-	-	2	1	-
Accidents and adverse effects (E800-E949)	6	-	-	-	3	3	-	28	2	3	-	17	6	1
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	4	1	1	-	1	1	-
Accidental mechanical suffocation (E913)	5	-	-	-	2	3	-	9	-	1	-	7	1	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	1	-	-	-	1	-	-	15	1	1	-	9	4	1
Homicide (E960-E969)	-	-	-	-	-	-	-	8	-	-	-	5	3	2
Child battering and other maltreatment (E967)	-	-	-	-	-	-	-	2	-	-	-	1	1	1
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	6	-	-	-	4	2	1
All other causes (Residual)	4	-	1	-	2	1	-	22	6	1	-	11	4	2

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	Total	Black	White	All other	
			Total	Black		Total	Black						Total	Black
All causes	366	139	77	75	88	62	62	4,869	2,201	760	538	1,370	538	394
Certain intestinal infections (008-009)	2	-	-	-	-	2	2	18	-	-	-	9	9	6
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	2	-	-	-	2	-	-	20	-	-	-	15	5	4
Septicemia (038)	6	-	-	-	3	3	3	17	-	-	-	13	4	1
Viral diseases (045-079)	2	-	-	-	1	1	1	15	1	-	-	7	7	5
Congenital syphilis (090)	-	-	-	-	-	-	-	2	1	1	1	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	2	1	-	-	-	1	1	39	4	-	-	17	18	15
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	-	-	-	-	-	-	-	12	1	-	-	11	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1	-	1	1	-	-	-	7	3	-	-	3	1	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Diseases of blood and blood-forming organs (280-289)	1	-	-	-	-	1	1	10	4	3	-	3	-	-
Meningitis (320-322)	2	-	-	-	1	1	1	42	6	2	1	20	14	12
Other diseases of nervous system and sense organs (323-389) ..	3	-	-	-	-	3	3	62	3	-	-	46	13	6
Acute upper respiratory infections (460-465)	1	-	-	-	-	-	-	4	1	-	-	3	-	-
Bronchitis and bronchiolitis (466,490-491)	1	-	-	-	1	-	-	16	-	-	-	11	5	2
Pneumonia and influenza (480-487)	8	-	-	-	7	1	1	113	16	5	2	64	28	18
Pneumonia (480-486)	8	-	-	-	7	1	1	110	16	5	2	61	28	18
Influenza (487)	-	-	-	-	-	-	-	3	-	-	-	3	-	-
Remainder of diseases of respiratory system (470-478,492-519)	3	-	-	-	1	2	2	72	6	3	3	44	19	15
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	-	-	-	-	-	-	6	1	2	2	2	1	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	-	-	-	-	-	-	-	8	-	1	1	4	3	3
Remainder of diseases of digestive system (520-534,536-543,562-579)	1	-	-	-	-	1	1	21	6	1	1	9	5	4
Congenital anomalies (740-759)	82	52	13	13	12	5	5	1,077	618	156	80	237	66	47
Anencephalus and similar anomalies (740)	5	4	-	-	-	1	1	85	73	10	1	2	-	-
Spina bifida (741)	-	-	-	-	-	-	-	11	6	-	-	5	-	-
Congenital hydrocephalus (742.3)	5	2	1	1	2	-	-	16	6	4	3	4	2	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	5	4	-	-	-	1	1	55	30	7	4	12	6	3
Congenital anomalies of heart (745-746)	20	13	3	3	3	1	1	318	144	36	17	115	23	18
Other congenital anomalies of circulatory system (747)	6	1	2	2	2	1	1	61	31	7	7	18	5	4
Congenital anomalies of respiratory system (748)	16	13	2	2	1	-	-	130	90	26	15	10	4	4
Congenital anomalies of digestive system (749-751)	1	-	-	-	1	-	-	16	6	2	2	5	3	2
Congenital anomalies of genitourinary system (752-753)	6	4	2	2	-	-	-	56	46	6	4	4	-	-
Congenital anomalies of musculoskeletal system (754-756)	6	4	1	1	1	-	-	79	49	20	11	6	4	3
Down's syndrome (758.0)	1	-	-	-	1	-	-	11	4	2	1	5	-	-
Other chromosomal anomalies (758.1-758.9)	5	3	1	1	-	1	1	142	75	23	8	30	14	7
All other and unspecified congenital anomalies (744,757,759) ..	6	4	1	1	1	-	-	97	58	13	7	21	5	4
Certain conditions originating in the perinatal period (760-779)	144	78	56	54	7	3	3	2,105	1,398	542	413	103	62	52
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	3	-	3	2	-	-	-	30	14	9	8	2	5	5
Newborn affected by maternal complications of pregnancy (761)	13	7	6	6	-	-	-	154	117	33	22	-	4	4
Newborn affected by complications of placenta, cord, and membranes (762)	10	6	3	3	1	-	-	113	86	25	20	1	1	1
Newborn affected by other complications of labor and delivery (763)	-	-	-	-	-	-	-	9	7	2	1	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	8	6	1	1	1	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	15	7	7	7	-	1	1	305	201	95	72	7	2	1
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	-	1	1	-	-	-	29	19	8	7	2	-	-
Intrauterine hypoxia and birth asphyxia (768)	10	6	3	3	1	-	-	106	70	24	13	8	4	4
Fetal distress in liveborn infant (768.2-768.4)	4	3	-	-	1	-	-	32	19	9	5	2	2	2
Birth asphyxia (768.5-768.9)	6	3	3	3	-	-	-	74	51	15	8	6	2	2
Respiratory distress syndrome (769)	32	24	8	8	-	-	-	400	280	89	65	21	10	6
Other respiratory conditions of newborn (770)	29	17	9	8	1	2	2	415	231	96	80	54	34	29
Infections specific to the perinatal period (771)	12	5	5	5	2	-	-	95	69	23	19	3	-	-
Neonatal hemorrhage (772)	1	1	-	-	-	-	-	28	19	9	6	-	-	-
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)	17	4	11	11	2	-	-	413	279	128	99	4	2	2
Symptoms, signs, and ill-defined conditions (780-799)	64	4	4	4	34	22	22	899	57	22	18	604	216	164
Sudden infant death syndrome (798.0)	47	2	4	4	25	16	16	719	33	11	10	493	182	134
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	17	2	-	-	9	6	6	180	24	11	8	111	34	30
Accidents and adverse effects (E800-E949)	22	1	1	1	13	7	7	99	12	5	4	56	26	22
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	6	1	-	-	1	4	4	9	1	-	-	5	3	1
Accidental mechanical suffocation (E913)	6	-	-	-	5	1	1	22	1	-	-	12	9	8
Other accidental causes and adverse effects (E800-E910,E914-E949)	10	-	1	1	7	2	2	68	10	5	4	39	14	13
Homicide (E960-E969)	5	-	1	1	1	3	3	35	7	1	-	17	10	7
Child battering and other maltreatment (E967)	3	-	-	-	-	3	3	12	1	-	-	8	3	2
Other homicide (E960-E966,E968-E969)	2	-	1	1	1	-	-	23	6	1	-	9	7	5
All other causes (Residual)	15	3	1	1	5	6	6	168	56	16	12	71	25	11

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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		White	All other		White	All other	
			Total	Black		Total	Black				Total	Black			
All causes	461	233	39	32	172	17	13	433	220	95	90	78	40	40	
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	1	-	-	-	1	-	-	
Whooping cough (033)	-	-	-	-	-	-	-	1	-	-	-	1	-	-	
Meningococcal infection (036)	-	-	-	-	-	-	-	2	-	-	-	2	-	-	
Septicemia (038)	3	...	...	...	3	-	-	5	...	...	...	2	3	3
Viral diseases (045-079)	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)	7	-	-	-	7	-	-	5	1	-	-	2	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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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)	4	2	1	1	1	-	-	2	1	-	-	1	-	-	
Other diseases of nervous system and sense organs (323-389) ..	9	1	1	-	7	-	-	5	1	-	-	2	2	2	
Acute upper respiratory infections (460-465)	2	-	-	-	2	-	-	-	-	-	-	-	-	-	
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	1	-	-	-	1	-	-	
Pneumonia and influenza (480-487)	4	1	-	-	3	-	-	6	2	-	-	2	2	2	
Pneumonia (480-486)	4	1	-	-	3	-	-	6	2	-	-	2	2	2	
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Remainder of diseases of respiratory system (470-478,492-519)	2	-	-	-	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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Remainder of diseases of digestive system (520-534,536-543,562-579)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Congenital anomalies (740-759)	106	68	4	2	31	3	3	78	51	9	8	14	4	4	
Anencephalus and similar anomalies (740)	3	3	-	-	-	-	-	3	3	-	-	-	-	-	
Spina bifida (741)	2	1	-	-	1	-	-	1	1	-	-	-	-	-	
Congenital hydrocephalus (742.3)	6	4	-	-	2	-	-	3	1	-	-	1	1	1	
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	4	3	-	-	1	-	-	3	2	-	-	-	1	1	
Congenital anomalies of heart (745-746)	39	22	-	-	16	1	1	33	18	3	3	10	2	2	
Other congenital anomalies of circulatory system (747)	5	4	-	-	1	-	-	2	1	-	-	1	-	-	
Congenital anomalies of respiratory system (748)	20	18	2	1	-	-	-	9	6	3	2	-	-	-	
Congenital anomalies of digestive system (749-751)	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
Congenital anomalies of genitourinary system (752-753)	3	1	1	1	1	1	1	3	2	1	1	-	-	-	
Congenital anomalies of musculoskeletal system (754-756)	7	4	1	-	2	-	-	8	5	2	2	1	-	-	
Down's syndrome (758.0)	1	-	-	-	1	-	-	3	3	-	-	-	-	-	
Other chromosomal anomalies (758.1-758.9)	10	5	-	-	4	1	1	5	4	-	-	1	-	-	
All other and unspecified congenital anomalies (744,757,759) ..	5	3	-	-	2	-	-	5	5	-	-	-	-	-	
Certain conditions originating in the perinatal period (760-779)	179	140	28	25	10	1	1	246	148	84	81	9	5	5	
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	-	1	1	-	-	-	3	1	2	2	-	-	-	
Newborn affected by maternal complications of pregnancy (761)	13	11	2	1	-	-	-	26	16	10	10	-	-	-	
Newborn affected by complications of placenta, cord, and membranes (762)	19	16	3	3	-	-	-	20	9	10	10	-	1	1	
Newborn affected by other complications of labor and delivery (763)	-	-	-	-	-	-	-	2	1	1	1	-	-	-	
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Disorders relating to short gestation and unspecified low birthweight (765)	33	26	6	6	1	-	-	48	32	14	14	2	-	-	
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Birth trauma (767)	4	4	-	-	-	-	-	1	-	1	1	-	-	-	
Intrauterine hypoxia and birth asphyxia (768)	6	6	-	-	-	-	-	12	7	4	3	-	1	1	
Fetal distress in liveborn infant (768.2-768.4)	1	1	-	-	-	-	-	3	1	2	1	-	-	-	
Birth asphyxia (768.5-768.9)	5	5	-	-	-	-	-	9	6	2	2	-	1	1	
Respiratory distress syndrome (769)	26	22	3	2	1	-	-	38	23	11	10	1	3	3	
Other respiratory conditions of newborn (770)	55	36	11	10	8	-	-	40	23	11	11	6	-	-	
Infections specific to the perinatal period (771)	4	3	-	-	1	1	1	9	5	4	4	-	-	-	
Neonatal hemorrhage (772)	1	1	-	-	-	-	-	3	3	-	-	-	-	-	
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)	17	15	2	2	-	-	-	44	28	16	15	-	-	-	
Symptoms, signs, and ill-defined conditions (780-799)	100	11	1	1	80	8	7	56	8	2	1	28	18	18	
Sudden infant death syndrome (798.0)	98	9	1	1	80	8	7	12	1	-	-	7	4	4	
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	2	2	-	-	-	-	-	44	7	2	1	21	14	14	
Accidents and adverse effects (E800-E949)	8	-	-	-	6	2	-	5	-	-	-	2	3	3	
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
Accidental mechanical suffocation (E913)	-	-	-	-	-	-	-	2	-	-	-	1	1	1	
Other accidental causes and adverse effects (E800-E910,E914-E949)	7	-	-	-	5	2	-	3	-	-	-	1	2	2	
Homicide (E960-E969)	8	1	1	1	5	1	1	4	1	-	-	2	1	1	
Child battering and other maltreatment (E967)	6	-	-	-	5	1	1	-	-	-	-	-	-	-	
Other homicide (E960-E966,E968-E969)	2	1	1	1	1	-	-	4	1	-	-	2	1	1	
All other causes (Residual)	25	9	2	2	12	2	1	12	6	-	-	6	-	-	

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—Con.

(Page 5 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	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			
All causes	127	58	34	33	18	17	17	270	14	174	174	12	70	70
Certain intestinal infections (008-009)	1	-	-	-	-	1	1	1	-	-	-	-	1	1
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Septicemia (038)	1	-	-	-	-	1	1	1	-	-	-	-	1	1
Viral diseases (045-079)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	8	-	-	-	1	7	7
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)	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)	1	-	-	-	1	-	-	3	-	-	-	-	3	3
Other diseases of nervous system and sense organs (323-389) ..	-	-	-	-	-	-	-	1	-	-	-	-	1	1
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	-	-	-	-	-	-	-	2	-	-	-	1	1	1
Pneumonia (480-486)	-	-	-	-	-	-	-	2	-	-	-	1	1	1
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	3	1	-	-	-	2	2	3	-	-	-	-	3	3
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)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies (740-759)	27	16	3	2	6	2	2	26	2	16	16	3	5	5
Anencephalus and similar anomalies (740)	4	4	-	-	-	-	-	2	1	1	1	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital hydrocephalus (742.3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	2	-	-	-	-	-	2	-	1	1	1	-	-
Congenital anomalies of heart (745-746)	4	1	-	-	2	1	1	8	-	2	2	2	4	4
Other congenital anomalies of circulatory system (747)	-	-	-	-	-	-	-	1	-	1	1	-	-	-
Congenital anomalies of respiratory system (748)	3	3	-	-	-	-	-	4	-	3	3	-	1	1
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	6	4	2	2	-	-	-	2	-	2	2	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	1	1	-	-	-	-	-	4	1	3	3	-	-	-
Down's syndrome (758.0)	-	-	-	-	-	-	-	1	-	1	1	-	-	-
Other chromosomal anomalies (758.1-758.9)	4	1	-	-	2	1	1	1	-	1	1	-	-	-
All other and unspecified congenital anomalies (744,757,759) ..	3	-	1	-	2	-	-	1	-	1	1	-	-	-
Certain conditions originating in the perinatal period (760-779)	68	38	28	28	-	2	2	173	12	149	149	2	10	10
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	-	-	-	-	-	-	-	2	-	2	2	-	-	-
Newborn affected by maternal complications of pregnancy (761)	6	4	2	2	-	-	-	8	-	8	8	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	1	-	1	1	-	-	-	13	2	11	11	-	-	-
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)	29	11	17	17	-	1	1	56	2	54	54	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	-	-	-	-	-	-	-	5	1	4	4	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	2	1	1	1	-	-	-	7	-	7	7	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth asphyxia (768.5-768.9)	2	1	1	1	-	-	-	7	-	7	7	-	-	-
Respiratory distress syndrome (769)	11	9	2	2	-	-	-	22	2	18	18	-	2	2
Other respiratory conditions of newborn (770)	9	8	1	1	-	-	-	31	3	20	20	1	7	7
Infections specific to the perinatal period (771)	4	2	2	2	-	-	-	6	-	5	5	1	-	-
Neonatal hemorrhage (772)	-	-	-	-	-	-	-	5	1	4	4	-	-	-
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)	6	3	2	2	-	1	1	18	1	16	16	-	1	1
Symptoms, signs, and ill-defined conditions (780-799)	12	-	1	1	8	3	3	30	-	4	4	1	25	25
Sudden infant death syndrome (798.0)	12	-	1	1	8	3	3	19	-	2	2	1	16	16
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	-	-	-	-	-	-	-	11	-	2	2	-	9	9
Accidents and adverse effects (E800-E949)	3	-	-	-	-	3	3	8	-	1	1	1	6	6
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	-	-	-	-	1	1	1	-	-	-	-	1	1
Accidental mechanical suffocation (E913)	1	-	-	-	-	1	1	2	-	1	1	-	1	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	1	-	-	-	-	1	1	5	-	-	-	1	4	4
Homicide (E960-E969)	2	-	-	-	1	1	1	3	-	1	1	1	1	1
Child battering and other maltreatment (E967)	2	-	-	-	1	1	1	-	-	-	-	-	-	-
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	3	-	1	1	1	1	1
All other causes (Residual)	5	1	2	2	1	1	1	6	-	1	1	1	4	4

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—Con.

(Page 6 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	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			
All causes	1,900	738	515	507	406	241	235	1,358	393	494	488	231	240	237
Certain intestinal infections (008-009)	9	-	-	-	5	4	4	3	-	-	-	1	2	2
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	1	-	-	-	-	1	1	1	-	-	-	1	-	-
Septicemia (038)	13	-	-	-	9	4	4	7	-	-	-	4	3	3
Viral diseases (045-079)	4	-	1	1	2	1	1	6	3	3	3	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)	32	-	-	-	8	24	24	6	1	-	-	1	4	4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	3	1	-	-	2	-	-	3	1	1	1	-	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)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Cystic fibrosis (277.0)	3	1	-	-	2	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	11	1	-	-	4	6	5	3	-	-	-	-	3	3
Meningitis (320-322)	5	-	1	1	2	2	2	14	-	1	1	6	7	7
Other diseases of nervous system and sense organs (323-389) ..	23	-	-	-	16	7	6	13	3	-	-	5	5	5
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	3	-	-	-	1	2	2
Bronchitis and bronchiolitis (466,490-491)	3	-	-	-	1	2	2	3	-	-	-	2	1	1
Pneumonia and influenza (480-487)	21	2	1	1	12	6	6	29	-	5	5	13	11	11
Pneumonia (480-486)	21	2	1	1	12	6	6	28	-	5	5	13	10	10
Influenza (487)	-	-	-	-	-	-	-	1	-	-	-	-	1	1
Remainder of diseases of respiratory system (470-478,492-519)	20	2	2	2	8	8	8	14	1	-	-	6	7	7
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	4	2	-	-	1	1	1	2	-	1	1	-	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	7	-	1	1	3	3	3	4	-	2	2	-	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	7	-	-	-	4	3	3	12	-	1	1	3	8	8
Congenital anomalies (740-759)	404	189	77	75	98	40	39	213	114	42	41	35	22	21
Anencephalus and similar anomalies (740)	39	30	5	5	3	1	1	9	7	2	2	-	-	-
Spina bifida (741)	4	2	1	1	1	1	1	1	1	-	-	-	-	-
Congenital hydrocephalus (742.3)	12	2	4	4	2	4	4	4	-	-	-	2	2	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	10	4	1	1	5	-	-	8	4	2	2	1	1	1
Congenital anomalies of heart (745-746)	113	39	15	15	44	15	15	74	34	15	14	19	6	5
Other congenital anomalies of circulatory system (747)	23	7	7	7	7	2	2	15	5	3	3	6	1	1
Congenital anomalies of respiratory system (748)	59	37	15	15	7	-	-	36	19	12	12	1	4	4
Congenital anomalies of digestive system (749-751)	2	1	-	-	1	-	-	3	1	-	-	-	2	2
Congenital anomalies of genitourinary system (752-753)	30	20	7	7	2	1	1	15	8	3	3	-	1	1
Congenital anomalies of musculoskeletal system (754-756)	20	9	9	8	1	1	1	10	8	1	1	-	1	1
Down's syndrome (758.0)	9	3	-	-	1	5	5	3	2	-	-	4	2	2
Other chromosomal anomalies (758.1-758.9)	42	13	7	7	15	7	6	24	15	3	3	4	1	1
All other and unspecified congenital anomalies (744,757,759) ...	41	22	6	6	10	3	3	11	6	1	1	2	2	2
Certain conditions originating in the perinatal period (760-779)	946	501	399	394	20	26	26	716	254	415	411	12	35	35
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	15	5	8	8	-	2	2	5	2	2	2	-	1	1
Newborn affected by maternal complications of pregnancy (761)	65	30	35	35	-	-	-	52	23	26	25	-	3	3
Newborn affected by complications of placenta, cord, and membranes (762)	42	23	18	18	-	1	1	20	10	10	10	-	-	-
Newborn affected by other complications of labor and delivery (763)	3	2	1	1	-	-	-	6	2	4	4	-	-	-
Slow fetal growth and fetal malnutrition (764)	1	1	-	-	-	-	-	2	-	2	2	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	257	129	126	125	1	1	1	149	39	108	106	1	1	1
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	13	9	4	4	-	-	-	12	7	5	5	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	37	17	16	16	2	2	2	28	10	18	18	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	9	4	4	4	1	-	-	8	4	4	4	-	-	-
Birth asphyxia (768.5-768.9)	28	13	12	12	1	2	2	20	6	14	14	-	-	-
Respiratory distress syndrome (769)	163	97	55	55	6	6	6	156	67	76	75	5	8	8
Other respiratory conditions of newborn (770)	133	56	57	55	9	11	11	140	42	81	81	5	12	12
Infections specific to the perinatal period (771)	63	32	28	28	2	1	1	34	13	19	19	-	2	2
Neonatal hemorrhage (772)	14	11	3	3	-	-	-	14	6	8	8	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	4	3	1	1	-	-	-	3	-	2	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	86	47	45	-	2	2	95	33	54	54	1	7	7
Symptoms, signs, and ill-defined conditions (780-799)	232	12	13	13	137	70	69	208	10	13	12	99	86	85
Sudden infant death syndrome (798.0)	212	7	10	10	128	67	66	194	8	9	8	96	81	80
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	20	5	3	3	9	3	3	14	2	4	4	3	5	5
Accidents and adverse effects (E800-E949)	51	4	2	2	35	10	8	34	1	-	-	16	17	17
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3	1	-	-	2	-	-	8	1	-	-	5	2	2
Accidental mechanical suffocation (E913)	16	1	-	-	10	5	5	5	-	-	-	2	3	3
Other accidental causes and adverse effects (E800-E910,E914-E949)	32	2	2	2	23	5	3	21	-	-	-	9	12	12
Homicide (E960-E969)	19	2	1	1	8	8	8	6	-	1	1	-	5	4
Child battering and other maltreatment (E967)	9	-	1	1	4	4	4	1	-	-	-	-	1	1
Other homicide (E960-E966,E968-E969)	10	2	-	-	4	4	4	5	-	1	1	-	4	3
All other causes (Residual)	78	21	15	14	27	15	15	56	6	9	9	23	18	18

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	160	12	70	4	16	62	4	154	93	7	1	51	3	-
Certain intestinal infections (008-009)	2	-	-	-	-	2	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	2	-	-	-	1	1	-	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)	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	-	-	-	1	-	-
Meningitis (320-322)	3	-	1	-	-	2	-	3	-	-	-	3	-	-
Other diseases of nervous system and sense organs (323-389) ..	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	2	-	-	-	-	2	1	2	-	-	-	2	-	-
Pneumonia (480-486)	2	-	-	-	-	2	1	2	-	-	-	2	-	-
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	4	-	-	-	-	4	-	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	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	3	-	1	-	1	1	-	3	-	-	-	3	-	-
Congenital anomalies (740-759)	28	-	17	-	3	8	-	42	32	1	1	9	-	-
Anencephalus and similar anomalies (740)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	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)	2	-	1	-	-	1	-	2	2	-	-	-	-	-
Congenital anomalies of heart (745-746)	13	-	7	-	2	4	-	14	10	-	-	4	-	-
Other congenital anomalies of circulatory system (747)	1	-	-	-	-	1	-	5	5	-	-	-	-	-
Congenital anomalies of respiratory system (748)	2	-	1	-	-	1	-	3	3	-	-	-	-	-
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	-	-	-	-	-	-	-	3	3	-	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	-	-	-	-	-	-	-	3	3	-	-	-	-	-
Down's syndrome (758.0)	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Other chromosomal anomalies (758.1-758.9)	4	-	4	-	-	-	-	5	1	1	1	3	-	-
All other and unspecified congenital anomalies (744,757,759) ..	5	-	3	-	1	1	-	3	3	-	-	-	-	-
Certain conditions originating in the perinatal period (760-779)	64	12	45	3	2	5	-	60	54	6	-	-	-	-
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	8	2	6	-	-	-	-	7	7	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	3	-	3	1	-	-	-	5	5	-	-	-	-	-
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)	20	5	15	2	-	-	-	8	6	2	-	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	3	1	2	-	-	-	-	2	2	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Birth asphyxia (768.5-768.9)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Respiratory distress syndrome (769)	15	3	10	-	-	2	-	9	8	1	-	-	-	-
Other respiratory conditions of newborn (770)	8	-	4	-	2	2	-	13	11	2	-	-	-	-
Infections specific to the perinatal period (771)	-	-	-	-	-	-	-	4	4	-	-	-	-	-
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)	6	1	4	-	-	1	-	10	9	1	-	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	33	-	3	-	4	26	-	19	-	-	-	18	1	-
Sudden infant death syndrome (798.0)	22	-	1	-	3	18	2	18	-	-	-	17	1	-
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	11	-	2	-	1	8	-	1	-	-	-	1	-	-
Accidents and adverse effects (E800-E949)	7	-	-	-	1	6	1	7	-	-	-	6	1	-
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Accidental mechanical suffocation (E913)	3	-	-	-	-	3	-	-	-	-	-	-	-	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	4	-	-	-	1	3	1	6	-	-	-	5	1	-
Homicide (E960-E969)	2	-	-	-	1	1	-	1	1	-	-	-	-	-
Child battering and other maltreatment (E967)	2	-	-	-	1	1	-	-	-	-	-	-	-	-
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
All other causes (Residual)	5	-	1	1	2	2	-	9	4	-	-	4	1	-

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—Con.
 (Page 9 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	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			
All causes	323	191	23	17	100	9	6	341	153	30	25	127	31	27
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	3	...	...	...	3	-	-	3	...	...	...	3	-	-
Viral diseases (045-079)	-	-	-	-	-	-	-	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)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2	1	-	-	1	-	-	7	1	-	-	6	-	-
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	-	-
Meningitis (320-322)	1	-	-	-	1	-	-	2	-	1	1	1	-	-
Other diseases of nervous system and sense organs (323-389)	1	-	-	-	1	-	-	10	-	-	-	7	3	3
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	1	-	-	-	-	1	1
Bronchitis and bronchiolitis (466,490-491)	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	-	-	-	-	-	-	-	12	1	-	-	7	4	4
Pneumonia (480-486)	-	-	-	-	-	-	-	12	1	-	-	7	4	4
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	3	1	-	-	2	-	-	2	-	-	-	1	1	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2	1	-	-	1	-	-	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)	2	-	-	-	2	-	-	1	-	-	-	1	-	-
Congenital anomalies (740-759)	95	72	6	4	16	1	-	91	60	7	7	22	2	2
Anencephalus and similar anomalies (740)	8	8	-	-	-	-	-	7	6	1	1	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Congenital hydrocephalus (742.3)	1	1	-	-	-	-	-	3	1	-	-	2	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	1	1	-	-	-	-	-	6	5	-	-	1	-	-
Congenital anomalies of heart (745-746)	31	16	3	2	12	-	-	29	16	1	1	11	1	1
Other congenital anomalies of circulatory system (747)	7	5	1	1	1	-	-	8	3	2	2	3	-	-
Congenital anomalies of respiratory system (748)	10	9	-	-	-	1	-	8	6	1	1	1	-	-
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	14	13	1	1	-	-	-	5	4	1	1	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	3	3	-	-	-	-	-	8	7	-	-	1	-	-
Down's syndrome (758.0)	-	-	-	-	-	-	-	2	1	-	-	-	1	1
Other chromosomal anomalies (758.1-758.9)	14	11	1	-	2	-	-	11	8	1	1	2	-	-
All other and unspecified congenital anomalies (744,757,759)	6	5	-	-	1	-	-	3	2	-	-	1	-	-
Certain conditions originating in the perinatal period (760-779)	131	109	17	13	4	1	1	103	78	20	15	5	-	-
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	1	-	-	-	-	-	1	1	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	17	15	2	2	-	-	-	15	13	2	2	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	9	7	2	2	-	-	-	8	5	2	1	1	-	-
Newborn affected by other complications of labor and delivery (763)	1	1	-	-	-	-	-	1	-	-	-	1	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	1	-	1	1	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	30	25	4	4	-	1	1	19	13	6	4	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	-	-	-	-	-	-	-	3	2	1	1	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	3	3	-	-	-	-	-	4	3	1	-	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Birth asphyxia (768.5-768.9)	3	3	-	-	-	-	-	3	2	1	-	-	-	-
Respiratory distress syndrome (769)	23	20	1	1	2	-	-	11	9	1	1	1	-	-
Other respiratory conditions of newborn (770)	20	13	5	1	2	-	-	15	11	2	1	2	-	-
Infections specific to the perinatal period (771)	8	8	-	-	-	-	-	6	4	2	2	-	-	-
Neonatal hemorrhage (772)	1	1	-	-	-	-	-	3	3	-	-	-	-	-
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	15	3	3	-	-	-	16	14	2	2	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	64	1	-	-	57	6	4	62	2	-	-	47	13	11
Sudden infant death syndrome (798.0)	62	1	-	-	55	6	4	61	2	-	-	47	12	10
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	2	-	-	-	2	-	-	1	-	-	-	-	1	1
Accidents and adverse effects (E800-E949)	4	-	-	-	3	1	1	15	2	-	-	9	4	3
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	2	-	-	-	1	1	1	2	1	-	-	-	1	-
Accidental mechanical suffocation (E913)	-	-	-	-	-	-	-	5	-	-	-	5	-	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	2	-	-	-	2	-	-	8	1	-	-	4	3	3
Homicide (E960-E969)	2	-	-	-	2	-	-	3	1	-	-	2	-	-
Child battering and other maltreatment (E967)	1	-	-	-	1	-	-	1	-	-	-	1	-	-
Other homicide (E960-E966,E968-E969)	1	-	-	-	1	-	-	2	1	-	-	1	-	-
All other causes (Residual)	9	5	-	-	4	-	-	20	6	2	2	10	2	1

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	494	229	54	53	170	41	39	832	228	301	298	124	179	179
Certain intestinal infections (008-009)	2	-	-	-	1	1	1	1	-	-	-	-	1	1
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	1	-	-	-	1	-	-	3	-	-	-	2	1	1
Septicemia (038)	2	...	...	...	1	1	1	12	...	...	...	6	6	6
Viral diseases (045-079)	4	-	1	1	3	-	-	8	1	-	-	3	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)	4	-	-	-	3	1	1	3	-	-	-	1	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)	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	1	-	1	1	-	-	-
Diseases of blood and blood-forming organs (280-289)	-	-	-	-	-	-	-	3	-	-	-	2	1	1
Meningitis (320-322)	4	1	-	-	3	-	-	8	1	1	1	1	5	5
Other diseases of nervous system and sense organs (323-389) ..	3	-	-	-	2	1	1	8	-	-	-	3	5	5
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	2	-	-	-	2	-	-	3	-	-	-	2	1	1
Pneumonia and influenza (480-487)	4	-	-	-	3	1	1	26	1	2	2	6	17	17
Pneumonia (480-486)	4	-	-	-	3	1	1	26	1	2	2	6	17	17
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	7	-	-	-	6	1	1	10	-	1	1	6	3	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	1	-	-	-	-	-	5	1	1	1	-	3	3
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3	-	-	-	2	1	1	2	-	2	2	-	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	4	-	-	-	3	1	1	5	-	1	1	1	3	3
Congenital anomalies (740-759)	136	90	15	15	23	8	8	161	70	40	39	26	25	25
Anencephalus and similar anomalies (740)	9	7	2	2	-	-	-	11	8	3	3	-	-	-
Spina bifida (741)	3	2	-	-	1	-	-	-	-	-	-	-	-	-
Congenital hydrocephalus (742.3)	4	2	-	-	-	2	2	7	2	-	-	3	2	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	2	-	-	-	-	-	5	1	1	1	1	2	2
Congenital anomalies of heart (745-746)	43	27	4	4	9	3	3	62	20	15	15	15	12	12
Other congenital anomalies of circulatory system (747)	12	8	-	-	4	-	-	5	1	2	2	1	1	1
Congenital anomalies of respiratory system (748)	25	21	3	3	1	-	-	15	10	3	3	-	2	2
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	6	1	2	2	2	1	1
Congenital anomalies of genitourinary system (752-753)	10	7	2	2	1	1	1	7	5	2	2	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	4	3	1	1	-	-	-	8	7	1	1	-	-	-
Down's syndrome (758.0)	2	1	-	-	1	-	-	1	1	-	-	-	-	-
Other chromosomal anomalies (758.1-758.9)	11	3	3	3	3	2	2	15	7	3	3	2	3	3
All other and unspecified congenital anomalies (744,757,759) ..	11	7	-	-	4	-	-	19	7	8	7	2	2	2
Certain conditions originating in the perinatal period (760-779)	171	122	37	36	7	5	4	409	146	242	240	8	13	13
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	1	1	1	-	-	-	3	1	1	1	-	1	1
Newborn affected by maternal complications of pregnancy (761)	12	3	9	9	-	-	-	31	17	13	13	-	1	1
Newborn affected by complications of placenta, cord, and membranes (762)	12	8	4	4	-	-	-	16	7	9	9	-	-	-
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)	47	33	13	13	1	-	-	83	27	53	52	-	3	3
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	2	2	-	-	-	-	-	4	2	2	2	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	7	4	1	1	1	1	1	14	6	6	6	-	2	2
Fetal distress in liveborn infant (768.2-768.4)	3	2	1	1	-	-	-	3	2	1	1	-	-	-
Birth asphyxia (768.5-768.9)	4	2	-	-	1	1	1	11	4	5	5	-	2	2
Respiratory distress syndrome (769)	38	30	3	3	3	2	1	82	29	50	50	1	2	2
Other respiratory conditions of newborn (770)	23	19	3	3	1	-	-	92	24	58	58	6	4	4
Infections specific to the perinatal period (771)	4	4	-	-	-	-	-	27	13	13	13	1	-	-
Neonatal hemorrhage (772)	3	2	-	-	-	1	1	3	3	-	-	-	-	-
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)	21	16	3	2	1	1	1	53	16	37	36	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	99	7	1	1	77	14	13	96	1	3	3	41	51	51
Sudden infant death syndrome (798.0)	96	6	1	1	76	13	12	91	1	2	2	41	47	47
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	3	1	-	-	1	1	1	5	-	1	1	-	4	4
Accidents and adverse effects (E800-E949)	18	3	-	-	12	3	3	28	2	-	-	3	23	23
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	6	2	-	-	3	1	1	5	-	-	-	-	5	5
Accidental mechanical suffocation (E913)	4	1	-	-	2	1	1	4	-	-	-	2	2	2
Other accidental causes and adverse effects (E800-E910,E914-E949)	8	-	-	-	7	1	1	19	2	-	-	1	16	16
Homicide (E960-E969)	1	-	-	-	1	-	-	4	2	-	-	1	1	1
Child battering and other maltreatment (E967)	1	-	-	-	1	-	-	2	1	-	-	1	1	1
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	2	1	-	-	1	-	-
All other causes (Residual)	25	5	-	-	17	3	3	34	3	7	7	10	14	14

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	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	129	85	4	-	39	1	-	809	253	256	249	163	137	132
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	1	-	-	-	-	1	1
Meningococcal infection (036)	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Septicemia (038)	1	...	...	...	1	-	-	8	...	...	...	5	3	3
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-*044,080-086,091-139)	-	-	-	-	-	-	-	6	1	1	1	2	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)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	-	-	-	-	-	-	-	3	3	-	-	-	-	-
Meningitis (320-322)	-	-	-	-	-	-	-	6	-	-	-	3	3	3
Other diseases of nervous system and sense organs (323-369) ..	-	-	-	-	-	-	-	13	-	-	-	10	3	3
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	2	-	-	-	2	-	-	10	2	-	-	2	6	6
Pneumonia (480-486)	2	-	-	-	2	-	-	9	2	-	-	2	5	5
Influenza (487)	-	-	-	-	-	-	-	1	-	-	-	-	1	1
Remainder of diseases of respiratory system (470-478,492-519)	3	1	-	-	2	-	-	5	-	1	1	3	1	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	-	-	-	-	-	-	3	1	1	1	-	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	1	1	-	-	-	-	-	6	3	-	-	2	1	1
Remainder of diseases of digestive system (520-534,536-543,562-579)	1	-	-	-	1	-	-	2	-	-	-	-	2	2
Congenital anomalies (740-759)	37	31	2	-	3	1	-	136	61	27	25	32	16	14
Anencephalus and similar anomalies (740)	1	1	-	-	-	-	-	3	3	-	-	-	-	-
Spina bifida (741)	2	2	-	-	-	-	-	2	-	-	-	1	1	-
Congenital hydrocephalus (742.3)	1	1	-	-	-	-	-	3	1	-	-	2	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	1	1	-	-	-	-	-	6	1	-	-	2	3	3
Congenital anomalies of heart (745-746)	14	9	1	-	3	1	-	50	20	9	9	13	8	7
Other congenital anomalies of circulatory system (747)	-	-	-	-	-	-	-	9	4	3	3	2	-	-
Congenital anomalies of respiratory system (748)	8	8	-	-	-	-	-	15	8	6	6	-	1	1
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	1	1	-	-	-	-	-	5	2	3	3	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	5	4	1	-	-	-	-	8	4	1	1	2	1	1
Down's syndrome (758.0)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Other chromosomal anomalies (758.1-758.9)	2	2	-	-	-	-	-	21	11	3	2	6	1	1
All other and unspecified congenital anomalies (744,757,759) ..	2	2	-	-	-	-	-	12	5	2	1	4	1	1
Certain conditions originating in the perinatal period (760-779)	44	40	1	-	3	-	-	408	171	209	205	11	17	16
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	-	-	-	-	-	-	-	4	1	2	2	-	1	1
Newborn affected by maternal complications of pregnancy (761)	2	2	-	-	-	-	-	18	12	6	6	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	4	4	-	-	-	-	-	21	11	10	10	-	-	-
Newborn affected by other complications of labor and delivery (763)	-	-	-	-	-	-	-	2	-	2	2	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	6	6	-	-	-	-	-	126	46	78	76	1	1	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	-	-	-	-	-	-	-	7	2	5	5	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	1	1	-	-	-	-	-	10	2	5	4	1	2	2
Fetal distress in liveborn infant (768.2-768.4)	-	-	-	-	-	-	-	2	1	-	-	-	1	1
Birth asphyxia (768.5-768.9)	1	1	-	-	-	-	-	8	1	5	4	1	1	1
Respiratory distress syndrome (769)	14	14	-	-	-	-	-	61	32	27	27	1	1	1
Other respiratory conditions of newborn (770)	6	4	-	-	2	-	-	66	27	26	26	5	8	8
Infections specific to the perinatal period (771)	5	4	1	-	-	-	-	16	7	9	9	-	-	-
Neonatal hemorrhage (772)	2	2	-	-	-	-	-	5	2	3	3	-	-	-
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)	-	-	-	-	-	-	-	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)	4	3	-	-	1	-	-	71	29	35	34	3	4	4
Symptoms, signs, and ill-defined conditions (780-799)	20	3	-	-	17	-	-	140	3	8	8	69	60	58
Sudden infant death syndrome (798.0)	18	1	-	-	17	-	-	116	1	5	5	64	46	44
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	2	2	-	-	-	-	-	24	2	3	3	5	14	14
Accidents and adverse effects (E800-E949)	7	-	-	-	7	-	-	18	1	1	1	10	6	6
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	2	-	-	-	2	-	-	5	1	-	-	3	1	1
Accidental mechanical suffocation (E913)	3	-	-	-	3	-	-	5	-	1	1	1	3	3
Other accidental causes and adverse effects (E800-E910,E914-E949)	2	-	-	-	2	-	-	8	-	-	-	6	2	2
Homicide (E960-E969)	2	2	-	-	-	-	-	5	-	-	-	1	4	4
Child battering and other maltreatment (E967)	1	1	-	-	-	-	-	1	-	-	-	-	1	1
Other homicide (E960-E966,E968-E969)	1	1	-	-	-	-	-	4	-	-	-	1	3	3
All other causes (Residual)	9	6	1	-	2	-	-	34	6	7	6	10	11	11

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—Con.
(Page 12 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	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	704	376	108	100	173	47	38	1,646	606	465	453	344	231	220
Certain Intestinal infections (008-009)	1	-	-	-	1	-	-	3	-	-	-	-	3	3
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	1	-	-	-	1	-	-	1	-	-	-	-	1	1
Septicemia (038)	5	-	-	-	4	1	1	17	-	-	-	11	6	6
Viral diseases (045-079)	1	-	-	-	1	-	-	6	1	-	-	2	3	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)	4	-	-	-	3	1	1	6	-	-	-	2	4	4
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	1	-	-	1	1	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	2	-	-	-	-	1	1
Diseases of blood and blood-forming organs (280-289)	2	-	-	-	1	1	1	2	-	-	-	-	1	1
Meningitis (320-322)	-	-	-	-	-	-	-	2	-	-	-	-	2	2
Other diseases of nervous system and sense organs (323-389) ..	6	1	-	-	4	1	-	14	1	-	-	9	4	3
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Bronchitis and bronchiolitis (466,490-491)	2	-	-	-	2	-	-	2	-	-	-	1	1	1
Pneumonia and influenza (480-487)	2	-	-	-	2	-	-	17	1	1	1	9	6	6
Pneumonia (480-486)	2	-	-	-	2	-	-	17	1	1	1	9	6	6
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	2	-	-	-	1	1	1	17	-	1	1	9	7	7
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	-	-	-	1	-	-	5	-	-	-	4	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	-	-	-	-	-	-	-	4	-	-	-	1	3	3
Remainder of diseases of digestive system (520-534,536-543,562-579)	4	-	-	-	3	1	1	7	-	-	-	2	5	4
Congenital anomalies (740-759)	141	100	7	5	26	8	6	277	158	46	39	55	18	17
Anencephalus and similar anomalies (740)	6	6	-	-	-	-	-	15	11	4	3	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
Congenital hydrocephalus (742.3)	-	-	-	-	-	-	-	5	3	-	-	2	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	4	3	-	-	1	-	-	15	5	2	2	6	2	2
Congenital anomalies of heart (745-746)	50	29	1	1	16	4	3	74	36	12	9	21	5	4
Other congenital anomalies of circulatory system (747)	3	3	-	-	-	-	-	16	11	2	2	1	2	2
Congenital anomalies of respiratory system (748)	23	19	1	1	3	-	-	30	22	5	5	3	-	-
Congenital anomalies of digestive system (749-751)	3	-	1	1	2	-	-	3	1	-	-	2	-	-
Congenital anomalies of genitourinary system (752-753)	10	9	1	-	-	-	-	26	18	5	5	1	2	2
Congenital anomalies of musculoskeletal system (754-756)	10	5	2	1	2	1	-	24	15	3	3	5	1	1
Down's syndrome (758.0)	-	-	-	-	-	-	-	5	1	1	1	2	1	1
Other chromosomal anomalies (758.1-758.9)	21	17	1	1	1	2	2	32	19	3	2	6	4	4
All other and unspecified congenital anomalies (744,757,759) ..	11	9	-	-	1	1	1	30	14	9	7	6	1	1
Certain conditions originating in the perinatal period (760-779)	374	253	98	92	20	3	2	891	422	404	400	28	37	36
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	1	-	-	-	-	-	7	2	4	4	1	-	-
Newborn affected by maternal complications of pregnancy (761)	40	30	10	10	-	-	-	88	58	30	30	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	33	27	6	6	-	-	-	26	15	11	11	-	-	-
Newborn affected by other complications of labor and delivery (763)	1	-	1	1	-	-	-	4	1	2	2	1	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	91	58	33	30	-	-	-	236	91	144	144	1	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	3	2	1	1	-	-	-	11	4	6	6	-	1	1
Intrauterine hypoxia and birth asphyxia (768)	11	5	3	3	2	1	1	29	13	14	14	2	-	-
Fetal distress in liveborn infant (768.2-768.4)	1	1	-	-	-	-	-	6	2	4	4	-	-	-
Birth asphyxia (768.5-768.9)	10	4	3	3	2	1	1	23	11	10	10	2	-	-
Respiratory distress syndrome (769)	61	45	15	13	1	-	-	204	107	78	77	9	10	10
Other respiratory conditions of newborn (770)	69	39	18	18	11	1	-	160	76	49	48	12	23	22
Infections specific to the perinatal period (771)	18	15	1	-	2	-	-	29	13	13	13	1	2	2
Neonatal hemorrhage (772)	3	2	1	1	-	-	-	8	4	4	4	-	-	-
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)	-	-	-	-	-	-	-	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)	41	28	8	8	4	1	1	86	36	48	46	1	1	1
Symptoms, signs, and ill-defined conditions (780-799)	114	9	-	-	86	19	16	260	8	7	6	155	90	84
Sudden infant death syndrome (798.0)	77	4	-	-	61	12	9	255	8	7	6	154	86	80
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	37	5	-	-	25	7	7	5	-	-	-	1	4	4
Accidents and adverse effects (E800-E949)	7	-	-	-	4	3	3	47	2	2	2	25	18	18
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	6	-	-	-	3	3	3
Accidental mechanical suffocation (E913)	-	-	-	-	-	-	-	15	-	1	1	5	9	9
Other accidental causes and adverse effects (E800-E910,E914-E949)	7	-	-	-	4	3	3	26	2	1	1	17	6	6
Homicide (E960-E969)	3	-	-	-	1	2	1	10	2	-	-	5	3	3
Child battering and other maltreatment (E967)	-	-	-	-	-	-	-	5	1	-	-	4	-	-
Other homicide (E960-E966,E968-E969)	3	-	-	-	1	2	1	5	1	-	-	1	3	3
All other causes (Residual)	30	13	2	2	9	6	5	54	10	4	4	23	17	16

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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		
All causes	478	235	43	33	151	49	22	500	133	177	176	57	133	128	
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	1	-	-	-	1	-	-	
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Septicemia (038)	4	...	...	...	2	2	1	8	...	...	...	3	5	5
Viral diseases (045-079)	-	-	-	-	-	-	-	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)	2	-	-	-	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)	1	-	-	-	1	-	-	1	-	-	-	1	-	-	
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Diseases of blood and blood-forming organs (280-289)	1	-	1	1	-	-	-	1	-	-	-	-	1	1	
Meningitis (320-322)	-	-	-	-	-	-	-	5	-	-	-	-	5	5	
Other diseases of nervous system and sense organs (323-389) ..	6	-	-	-	5	1	-	5	-	-	-	-	5	5	
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
Bronchitis and bronchiolitis (466,490-491)	2	-	-	-	2	-	-	-	-	-	-	-	-	-	
Pneumonia and influenza (480-487)	1	-	-	-	1	-	-	13	1	-	-	4	8	8	
Pneumonia (480-486)	1	-	-	-	1	-	-	13	1	-	-	4	8	8	
Influenza (487)	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
Remainder of diseases of respiratory system (470-478,492-519)	2	-	-	-	1	1	-	11	-	1	1	4	6	6	
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	-	-	-	-	-	-	4	-	1	1	1	2	2	
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	-	-	-	-	-	-	-	1	1	-	-	-	-	-	
Remainder of diseases of digestive system (520-534,536-543,562-579)	2	1	-	-	-	1	1	2	-	-	-	-	2	2	
Congenital anomalies (740-759)	128	79	9	6	32	8	4	88	42	31	31	9	6	5	
Anencephalus and similar anomalies (740)	11	11	-	-	-	-	-	6	3	3	3	-	-	-	
Spina bifida (741)	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
Congenital hydrocephalus (742.3)	3	1	1	1	-	1	-	2	-	1	1	-	1	1	
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	1	-	-	1	-	-	2	-	1	1	-	1	1	
Congenital anomalies of heart (745-746)	43	22	2	1	15	4	3	29	11	11	11	4	3	2	
Other congenital anomalies of circulatory system (747)	4	4	-	-	-	-	-	11	7	4	4	-	-	-	
Congenital anomalies of respiratory system (748)	28	19	4	3	5	-	-	16	12	4	4	-	-	-	
Congenital anomalies of digestive system (749-751)	2	2	-	-	2	-	-	1	-	-	-	-	1	1	
Congenital anomalies of genitourinary system (752-753)	2	2	-	-	-	-	-	6	3	3	3	-	-	-	
Congenital anomalies of musculoskeletal system (754-756)	7	7	-	-	-	-	-	3	3	-	-	-	-	-	
Down's syndrome (758.0)	1	-	-	-	-	1	-	-	-	-	-	-	-	-	
Other chromosomal anomalies (758.1-758.9)	12	4	-	-	7	1	1	4	1	2	2	1	-	-	
All other and unspecified congenital anomalies (744,757,759) ..	12	8	2	1	1	1	-	8	2	2	2	4	-	-	
Certain conditions originating in the perinatal period (760-779)	179	140	27	21	8	4	2	226	81	131	130	4	10	9	
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	7	4	2	2	-	1	1	2	2	-	-	-	-	-	
Newborn affected by maternal complications of pregnancy (761)	31	27	4	3	-	-	-	13	7	6	6	-	-	-	
Newborn affected by complications of placenta, cord, and membranes (762)	19	17	2	2	-	-	-	8	2	6	6	-	-	-	
Newborn affected by other complications of labor and delivery (763)	1	1	-	-	-	-	-	1	-	1	1	-	-	-	
Slow fetal growth and fetal malnutrition (764)	1	-	1	1	-	-	-	1	-	-	-	-	1	-	
Disorders relating to short gestation and unspecified low birthweight (765)	17	11	5	5	-	1	-	54	14	39	39	-	1	1	
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Birth trauma (767)	-	-	-	-	-	-	-	1	-	1	1	-	-	-	
Intrauterine hypoxia and birth asphyxia (768)	6	3	2	-	1	-	-	7	2	3	3	1	1	1	
Fetal distress in liveborn infant (768.2-768.4)	-	-	-	-	-	-	-	1	-	-	-	-	1	1	
Birth asphyxia (768.5-768.9)	6	3	2	-	1	-	-	6	2	3	3	1	-	-	
Respiratory distress syndrome (769)	35	29	5	4	1	-	-	56	20	33	33	2	1	1	
Other respiratory conditions of newborn (770)	31	22	4	3	4	1	-	39	14	18	18	1	6	6	
Infections specific to the perinatal period (771)	12	10	1	1	-	1	1	12	6	6	5	-	-	-	
Neonatal hemorrhage (772)	4	4	-	-	-	-	-	3	2	1	1	-	-	-	
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	-	-	-	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)	14	12	1	-	1	-	-	28	12	16	16	-	-	-	
Symptoms, signs, and ill-defined conditions (780-799)	112	6	5	4	76	25	10	84	4	6	6	22	52	50	
Sudden infant death syndrome (798.0)	107	4	5	4	73	25	10	73	3	6	6	19	45	44	
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	5	2	-	-	3	-	-	11	1	-	-	3	7	6	
Accidents and adverse effects (E800-E949)	9	1	-	-	7	1	1	13	1	-	-	2	10	10	
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	4	-	-	-	4	-	-	7	-	-	-	1	6	6	
Accidental mechanical suffocation (E913)	2	1	-	-	1	-	-	2	1	-	-	-	1	1	
Other accidental causes and adverse effects (E800-E910,E914-E949)	3	-	-	-	2	1	1	4	-	-	-	1	3	3	
Homicide (E960-E969)	3	-	-	-	2	1	1	7	2	1	1	-	4	4	
Child battering and other maltreatment (E967)	2	-	-	-	2	-	-	1	-	-	-	-	1	1	
Other homicide (E960-E966,E968-E969)	1	-	-	-	1	1	1	6	2	1	1	-	3	3	
All other causes (Residual)	25	8	1	1	13	3	2	26	-	6	6	4	16	15	

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—Con.

(Page 14 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	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	771	339	123	120	202	107	103	132	52	13	-	46	21	-
Certain intestinal infections (008-009)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Whooping cough (033)	1	-	-	-	-	1	1	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	3	-	-	-	3	-	-	-	-	-	-	-	-	-
Viral diseases (045-079)	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)	4	-	-	-	2	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	1	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	3	1	-	-	2	-	-	-	-	-	-	-	-	-
Meningitis (320-322)	7	2	1	1	3	1	1	1	1	1	-	-	-	-
Other diseases of nervous system and sense organs (323-389) ..	9	1	-	-	6	2	2	2	2	-	-	-	-	-
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	5	-	-	-	1	4	3	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	9	-	-	-	4	5	5	1	-	-	-	1	-	-
Pneumonia (480-486)	9	-	-	-	4	5	5	1	-	-	-	1	-	-
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	8	-	-	-	6	2	2	-	-	-	-	-	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,550)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2	-	1	1	1	-	-	-	-	-	-	-	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Congenital anomalies (740-759)	167	101	17	16	37	12	11	33	21	2	-	8	2	-
Anencephalus and similar anomalies (740)	8	6	-	-	-	2	2	-	-	-	-	-	-	-
Spina bifida (741)	4	2	1	1	1	-	-	-	-	-	-	-	-	-
Congenital hydrocephalus (742.3)	7	3	-	-	3	1	1	-	-	-	-	-	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	8	4	-	-	3	1	1	2	1	-	-	-	1	-
Congenital anomalies of heart (745-746)	53	28	5	5	18	2	2	12	8	-	-	3	1	-
Other congenital anomalies of circulatory system (747)	12	10	-	-	2	-	-	2	1	1	-	-	-	-
Congenital anomalies of respiratory system (748)	25	22	2	2	1	-	-	6	5	1	-	-	-	-
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	11	8	-	-	1	2	2	1	1	-	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	10	4	4	4	2	-	-	3	3	-	-	-	-	-
Down's syndrome (758.0)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Other chromosomal anomalies (758.1-758.9)	17	6	4	3	4	3	2	2	-	-	-	2	-	-
All other and unspecified congenital anomalies (744,757,759) ..	12	8	1	1	2	1	1	2	1	-	-	1	-	-
Certain conditions originating in the perinatal period (760-779)	326	211	93	91	11	11	11	40	27	10	-	2	1	-
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	3	1	1	1	-	1	1	1	-	-	-	-	1	-
Newborn affected by maternal complications of pregnancy (761)	34	19	12	12	1	2	2	7	6	1	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	19	14	5	5	-	-	-	1	-	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)	56	28	28	27	-	-	-	6	6	-	-	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	3	3	-	-	-	-	-	2	2	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	13	12	-	-	1	-	-	3	2	1	-	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	3	3	-	-	-	-	-	2	1	1	-	-	-	-
Birth asphyxia (768.5-768.9)	10	9	-	-	1	-	-	1	1	-	-	-	-	-
Respiratory distress syndrome (769)	93	67	22	22	-	4	4	4	2	1	-	1	-	-
Other respiratory conditions of newborn (770)	53	32	12	12	5	4	4	11	7	3	-	-	-	-
Infections specific to the perinatal period (771)	20	16	2	2	2	-	-	3	1	2	-	-	-	-
Neonatal hemorrhage (772)	3	2	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)	27	16	9	9	2	-	-	2	1	1	-	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	155	9	6	6	91	49	47	43	2	-	-	29	12	-
Sudden infant death syndrome (798.0)	149	9	5	5	88	47	45	37	2	-	-	25	10	-
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	6	-	1	1	3	2	2	6	-	-	-	4	2	-
Accidents and adverse effects (E800-E949)	18	1	-	-	9	8	8	6	-	-	-	3	3	-
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	2	1	-	-	1	-	-	-	-	-	-	-	-	-
Accidental mechanical suffocation (E913)	8	-	-	-	1	7	7	-	-	-	-	-	-	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	8	-	-	-	7	1	1	6	-	-	-	3	3	-
Homicide (E960-E969)	10	2	1	1	3	4	4	1	-	-	-	1	-	-
Child battering and other maltreatment (E967)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Other homicide (E960-E966,E968-E969)	9	2	1	1	2	4	4	1	-	-	-	1	-	-
All other causes (Residual)	32	9	3	3	16	4	4	5	-	-	-	2	3	-

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	192	87	21	16	69	15	10	159	59	17	15	62	21	20
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038) .....	-	...	...	...	-	-	-	2	...	...	...	1	1	1
Viral diseases (045-079)	-	-	-	-	-	-	-	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)	-	-	-	-	-	-	-	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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis (320-322)	1	-	-	-	1	-	-	2	-	-	-	2	-	-
Other diseases of nervous system and sense organs (323-389) ..	4	-	-	-	4	-	-	1	-	-	-	1	-	-
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	1	-	-	-	1	-	1
Pneumonia and influenza (480-487)	3	-	-	-	1	2	1	8	1	-	-	5	2	2
Pneumonia (480-486)	3	-	-	-	1	2	1	8	1	-	-	5	2	2
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	-	-	-	-	-	-	-	4	-	-	-	3	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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	2	-	-	-	2	-	-	2	-	-	-	2	-	-
Congenital anomalies (740-759)	47	31	3	1	11	2	-	35	21	6	6	6	2	2
Anencephalus and similar anomalies (740)	3	3	-	-	-	-	-	2	2	-	-	-	-	-
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	-	-	-	-	-	3	1	1	1	1	-	-
Congenital anomalies of heart (745-746)	20	10	2	1	6	2	-	7	3	-	-	3	1	1
Other congenital anomalies of circulatory system (747)	1	1	-	-	-	-	-	1	-	1	1	-	-	-
Congenital anomalies of respiratory system (748)	8	5	1	-	2	-	-	10	6	3	3	1	-	-
Congenital anomalies of digestive system (749-751)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	3	3	-	-	-	-	-	3	1	1	1	1	-	-
Congenital anomalies of musculoskeletal system (754-756)	5	5	-	-	-	-	-	2	2	-	-	-	-	-
Down's syndrome (758.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other chromosomal anomalies (758.1-758.9)	4	3	-	-	1	-	-	4	4	-	-	-	-	-
All other and unspecified congenital anomalies (744,757,759) ...	1	-	-	-	1	-	-	2	1	-	-	-	1	1
Certain conditions originating in the perinatal period (760-779)	76	52	15	14	9	-	-	51	34	10	8	4	3	3
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	5	3	1	1	1	-	-	-	-	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	13	9	4	4	-	-	-	9	9	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	6	4	1	1	1	-	-	4	4	-	-	-	-	-
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)	7	4	3	3	-	-	-	5	3	2	2	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	-	-	-	-	-	-	-	1	-	1	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	3	3	-	-	-	-	-	1	-	-	-	1	-	-
Fetal distress in liveborn infant (768.2-768.4)	2	2	-	-	-	-	-	1	-	-	-	1	-	-
Birth asphyxia (768.5-768.9)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory distress syndrome (769)	6	5	-	-	1	-	-	13	10	3	3	-	-	-
Other respiratory conditions of newborn (770)	12	6	2	1	4	-	-	8	3	-	-	3	2	2
Infections specific to the perinatal period (771)	4	3	1	1	-	-	-	4	2	1	1	1	1	1
Neonatal hemorrhage (772)	2	1	1	1	-	-	-	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)	18	14	2	2	2	-	-	4	2	2	1	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	45	2	3	1	33	7	5	43	1	-	-	33	9	9
Sudden infant death syndrome (798.0)	41	2	2	-	31	6	5	42	1	-	-	32	9	9
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	4	-	1	1	2	1	-	1	-	-	-	1	-	-
Accidents and adverse effects (E800-E949)	3	-	-	-	2	1	1	3	-	-	-	2	1	1
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	2	-	-	-	1	1	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Homicide (E960-E969)	3	-	-	-	2	1	1	-	-	-	-	-	-	-
Child battering and other maltreatment (E967)	3	-	-	-	2	1	1	-	-	-	-	-	-	-
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other causes (Residual)	7	2	-	-	3	2	2	2	2	-	-	-	-	-

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—Con.

(Page 16 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 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	142	89	-	-	52	1	1	1,135	454	297	281	197	187	183
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	3	1	-	-	-	2	2
Whooping cough (033)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	3	-	-	-	2	-	-
Septicemia (038)	2	-	-	-	2	-	-	8	2	-	-	1	6	6
Viral diseases (045-079)	-	-	-	-	-	-	-	3	-	-	-	-	-	-
Congenital syphilis (090)	-	-	-	-	-	-	-	4	1	2	2	1	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	-	-	-	-	-	-	-	15	-	-	-	3	12	12
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)	-	-	-	-	-	-	-	3	-	-	-	2	1	1
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	-	-	-	-	-	-	-	3	-	1	1	-	2	2
Meningitis (320-322)	-	-	-	-	-	-	-	8	-	4	4	3	1	1
Other diseases of nervous system and sense organs (323-389) ..	2	1	-	-	1	-	-	18	-	-	-	14	4	4
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	-	-	-	-	-	-	-	9	-	-	-	4	5	5
Pneumonia (480-486)	-	-	-	-	-	-	-	9	-	-	-	4	5	5
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	3	-	-	-	3	-	-	10	-	1	1	5	4	3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	1	-	-	-	-	-	1	-	-	-	-	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	-	-	-	-	-	-	-	4	-	-	-	1	3	3
Remainder of diseases of digestive system (520-534,536-543,562-579)	-	-	-	-	-	-	-	4	1	-	-	1	2	2
Congenital anomalies (740-759)	36	25	-	-	10	1	1	211	103	35	31	48	25	23
Anencephalus and similar anomalies (740)	1	1	-	-	-	-	-	11	9	2	-	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Congenital hydrocephalus (742.3)	2	1	-	-	1	-	-	5	1	-	-	2	2	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	2	-	-	-	-	-	6	1	-	-	2	3	3
Congenital anomalies of heart (745-746)	6	3	-	-	2	1	1	72	29	9	8	24	10	9
Other congenital anomalies of circulatory system (747)	1	1	-	-	-	-	-	23	9	7	7	4	3	3
Congenital anomalies of respiratory system (748)	4	4	-	-	-	-	-	25	16	8	7	1	-	-
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	5	1	1	1	2	1	1
Congenital anomalies of genitourinary system (752-753)	4	4	-	-	-	-	-	6	6	-	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	5	3	-	-	2	-	-	14	10	2	2	1	1	1
Down's syndrome (758.0)	-	-	-	-	-	-	-	4	1	-	-	3	-	-
Other chromosomal anomalies (758.1-758.9)	6	3	-	-	3	-	-	19	11	1	1	5	2	2
All other and unspecified congenital anomalies (744,757,759) ..	5	3	-	-	2	-	-	20	8	5	5	4	3	3
Certain conditions originating in the perinatal period (760-779)	62	58	-	-	4	-	-	594	327	232	222	17	18	18
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	1	-	-	-	-	-	3	-	2	2	1	-	-
Newborn affected by maternal complications of pregnancy (761)	14	14	-	-	-	-	-	59	32	27	27	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	3	3	-	-	-	-	-	14	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)	13	13	-	-	-	-	-	127	70	56	55	1	-	-
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	-	-	-	-	-	26	19	5	4	2	-	-
Fetal distress in liveborn infant (768.2-768.4)	-	-	-	-	-	-	-	10	8	2	2	-	-	-
Birth asphyxia (768.5-768.9)	1	1	-	-	-	-	-	16	11	3	2	2	-	-
Respiratory distress syndrome (769)	11	11	-	-	-	-	-	142	70	61	58	4	7	7
Other respiratory conditions of newborn (770)	9	5	-	-	4	-	-	101	59	27	27	6	9	9
Infections specific to the perinatal period (771)	4	4	-	-	-	-	-	26	13	10	9	2	1	1
Neonatal hemorrhage (772)	-	-	-	-	-	-	-	9	6	3	3	-	-	-
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)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
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	5	-	-	-	-	-	78	43	33	29	1	1	1
Symptoms, signs, and ill-defined conditions (780-799)	28	1	-	-	27	-	-	153	6	12	12	60	75	74
Sudden infant death syndrome (798.0)	27	1	-	-	26	-	-	72	3	2	2	35	32	32
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	1	-	-	-	1	-	-	81	3	10	10	25	43	42
Accidents and adverse effects (E800-E949)	3	-	-	-	3	-	-	24	-	-	-	13	11	11
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	4	-	-	-	4	-	-
Accidental mechanical suffocation (E913)	-	-	-	-	-	-	-	5	-	-	-	1	4	4
Other accidental causes and adverse effects (E800-E910,E914-E949)	3	-	-	-	3	-	-	15	-	-	-	8	7	7
Homicide (E960-E969)	-	-	-	-	-	-	-	9	-	-	-	2	7	7
Child battering and other maltreatment (E967)	-	-	-	-	-	-	-	7	-	-	-	1	6	6
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	2	-	-	-	1	1	1
All other causes (Residual)	4	3	-	-	1	-	-	48	13	10	8	18	7	7

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	233	113	33	6	60	27	5	3,094	1,257	833	803	574	430	402
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	10	-	1	1	3	6	6
Whooping cough (033)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	3	-	-	-	2	1	1
Septicemia (038)	-	-	-	-	-	-	-	30	-	-	-	15	15	15
Viral diseases (045-079)	-	-	-	-	-	-	-	7	-	1	1	6	-	-
Congenital syphilis (090)	-	-	-	-	-	-	-	3	-	2	2	-	1	1
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-089,091-139)	1	-	-	-	1	-	-	44	-	-	-	28	16	16
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	3	1	-	-	2	-	-	7	-	-	-	6	1	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	-	-	-	-	-	-	-	4	2	2	1	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Diseases of blood and blood-forming organs (280-289)	-	-	-	-	-	-	-	7	-	2	2	3	2	1
Meningitis (320-322)	4	-	-	-	3	1	-	13	2	-	-	9	2	2
Other diseases of nervous system and sense organs (323-389) ..	3	-	-	-	2	1	-	38	6	-	-	18	14	13
Acute upper respiratory infections (460-465)	2	-	-	-	1	1	-	3	-	-	-	3	-	-
Bronchitis and bronchiolitis (466,490-491)	2	-	-	-	1	1	-	13	-	1	1	5	7	7
Pneumonia and influenza (480-487)	5	2	1	1	2	-	-	55	5	8	7	25	17	17
Pneumonia (480-486)	5	2	1	1	2	-	-	55	5	8	7	25	17	17
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	1	-	-	-	1	-	-	34	2	3	3	13	16	14
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	-	-	-	-	1	-	7	3	1	1	2	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2	-	-	-	1	1	1	6	-	1	1	3	2	2
Remainder of diseases of digestive system (520-534,536-543,562-579)	-	-	-	-	-	-	-	14	-	2	2	7	5	5
Congenital anomalies (740-759)	51	33	7	3	5	6	1	531	282	100	89	102	47	37
Anencephalus and similar anomalies (740)	1	1	-	-	-	-	-	25	19	5	5	1	-	-
Spina bifida (741)	-	-	-	-	-	-	-	2	1	-	-	-	1	1
Congenital hydrocephalus (742.3)	2	1	1	1	-	-	-	8	5	-	-	2	1	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	-	1	-	-	1	-	13	9	1	1	2	1	1
Congenital anomalies of heart (745-746)	17	13	1	-	2	1	-	173	63	32	27	44	34	28
Other congenital anomalies of circulatory system (747)	5	3	-	-	-	2	1	38	23	7	7	7	1	-
Congenital anomalies of respiratory system (748)	7	6	1	-	-	-	-	78	45	27	25	4	2	1
Congenital anomalies of digestive system (749-751)	1	1	-	-	-	-	-	8	3	-	-	5	-	-
Congenital anomalies of genitourinary system (752-753)	1	1	-	-	-	-	-	27	22	3	3	1	1	1
Congenital anomalies of musculoskeletal system (754-756)	2	2	-	-	-	-	-	35	24	5	4	5	1	1
Down's syndrome (758.0)	-	-	-	-	-	-	-	9	4	1	1	4	-	-
Other chromosomal anomalies (758.1-758.9)	7	4	-	-	2	1	-	57	29	6	3	19	3	1
All other and unspecified congenital anomalies (744,757,759) ..	7	2	3	2	1	1	-	58	35	13	13	8	2	2
Certain conditions originating in the perinatal period (760-779)	99	70	23	1	4	2	-	1,610	864	654	638	47	45	43
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	3	1	2	1	-	-	-	19	10	8	8	-	1	1
Newborn affected by maternal complications of pregnancy (761)	10	10	-	-	-	-	-	79	52	27	27	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	15	10	5	-	-	-	-	57	40	16	16	-	1	1
Newborn affected by other complications of labor and delivery (763)	1	1	-	-	-	-	-	6	1	5	5	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	5	4	-	-	-	1	1
Disorders relating to short gestation and unspecified low birthweight (765)	19	15	4	-	-	-	-	326	162	155	154	6	3	3
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	1	-	-	-	-	-	13	8	5	5	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	2	-	2	-	-	-	-	70	41	19	19	3	7	6
Fetal distress in liveborn infant (768.2-768.4)	1	-	1	-	-	-	-	15	10	4	4	-	1	1
Birth asphyxia (768.5-768.9)	1	-	1	-	-	-	-	55	31	15	15	3	6	5
Respiratory distress syndrome (769)	17	12	3	-	1	1	-	280	144	118	114	11	7	6
Other respiratory conditions of newborn (770)	17	8	5	-	3	1	-	247	141	72	69	18	16	16
Infections specific to the perinatal period (771)	3	2	1	-	-	-	-	58	28	25	25	2	3	3
Neonatal hemorrhage (772)	-	-	-	-	-	-	-	24	14	10	10	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	1	-	-	-	-	-	2	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)	10	9	1	-	-	-	-	424	218	193	185	7	6	6
Symptoms, signs, and ill-defined conditions (780-799)	37	2	1	-	25	9	2	449	42	34	33	199	174	165
Sudden infant death syndrome (798.0)	36	1	1	-	25	9	2	209	13	6	6	118	72	68
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	1	1	-	-	-	-	-	240	29	28	27	81	102	97
Accidents and adverse effects (E800-E949)	7	-	-	-	4	3	-	54	6	2	2	27	19	18
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	7	-	1	1	4	2	2
Accidental mechanical suffocation (E913)	1	-	-	-	1	-	-	5	-	-	-	4	1	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	6	-	-	-	3	3	-	42	6	1	1	19	16	15
Homicide (E960-E969)	8	-	1	1	5	2	1	26	10	4	4	4	8	8
Child battering and other maltreatment (E967)	7	-	1	1	5	1	-	3	2	-	-	-	1	1
Other homicide (E960-E966,E968-E969)	1	-	-	-	1	1	1	23	8	4	4	4	7	7
All other causes (Residual)	9	5	-	-	4	-	-	124	33	15	15	45	31	29

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	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	1,156	379	396	380	212	169	157	77	37	8	-	25	7	1
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	1	-	-	-	-	1	1	-	-	-	-	-	-	-
Septicemia (038)	7	...	...	...	2	5	5	...	...	...	...	...	...	...
Viral diseases (045-079)	5	-	2	2	3	3	3	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)	3	-	-	-	2	1	-	1	-	-	-	1	-	-
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)	3	1	-	-	2	2	2	-	-	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	1	-	1	1	-	-	-	-	-	-	-	-	-	-
Meningitis (320-322)	5	-	-	-	3	2	2	-	-	-	-	-	-	-
Other diseases of nervous system and sense organs (323-389) ..	13	1	-	-	8	4	4	2	-	-	-	2	-	-
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	2	-	-	-	1	1	1	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	14	2	2	2	6	4	3	-	-	-	-	-	-	-
Pneumonia (480-486)	14	2	2	2	6	4	3	-	-	-	-	-	-	-
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	9	-	1	1	4	4	4	-	-	-	-	-	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	4	1	-	-	3	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2	-	-	-	2	2	2	-	-	-	-	-	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	5	-	2	2	1	2	2	-	-	-	-	-	-	-
Congenital anomalies (740-759)	204	89	57	56	39	19	18	29	17	1	-	10	1	-
Anencephalus and similar anomalies (740)	8	5	3	3	-	-	-	-	-	-	-	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital hydrocephalus (742.3)	2	-	1	1	1	-	-	-	-	-	-	-	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	11	6	1	1	2	2	1	1	-	-	-	1	-	-
Congenital anomalies of heart (745-746)	65	22	14	14	19	10	10	9	5	-	-	4	-	-
Other congenital anomalies of circulatory system (747)	9	4	2	2	2	1	1	4	2	-	-	2	-	-
Congenital anomalies of respiratory system (748)	32	15	14	13	1	2	2	4	3	-	-	1	-	-
Congenital anomalies of digestive system (749-751)	5	1	2	2	2	-	-	1	-	-	-	1	-	-
Congenital anomalies of genitourinary system (752-753)	12	7	5	5	-	-	-	1	1	-	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	23	10	8	8	4	1	1	3	2	-	-	1	-	-
Down's syndrome (758.0)	2	-	-	-	2	-	-	1	1	-	-	-	-	-
Other chromosomal anomalies (758.1-758.9)	20	11	3	3	5	1	1	3	2	1	-	-	-	-
All other and unspecified congenital anomalies (744,757,759) ..	15	8	4	4	1	2	2	2	1	-	-	1	-	-
Certain conditions originating in the perinatal period (760-779)	601	259	312	297	9	21	17	23	16	7	-	-	-	-
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	6	1	5	4	-	-	-	-	-	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	70	35	35	33	-	-	-	5	3	2	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	33	13	20	19	-	-	-	1	1	-	-	-	-	-
Newborn affected by other complications of labor and delivery (763)	1	-	1	1	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	2	1	1	1	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	131	48	82	80	-	1	1	2	-	2	-	-	-	-
Disorders relating to long gestation and high birthweight (766)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	19	8	11	10	-	-	-	-	-	-	-	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	4	2	2	2	-	-	-	-	-	-	-	-	-	-
Birth asphyxia (768.5-768.9)	15	6	9	8	-	-	-	-	-	-	-	-	-	-
Respiratory distress syndrome (769)	113	56	44	42	5	8	6	6	4	2	-	-	-	-
Other respiratory conditions of newborn (770)	119	46	63	59	2	8	6	6	5	1	-	-	-	-
Infections specific to the perinatal period (771)	23	13	8	8	1	1	1	1	1	-	-	-	-	-
Neonatal hemorrhage (772)	4	2	2	2	-	-	-	-	-	-	-	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	3	-	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)	74	33	37	35	1	3	3	2	2	-	-	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	178	8	6	6	94	70	65	10	2	-	-	5	3	-
Sudden infant death syndrome (798.0)	169	6	4	4	92	67	62	10	2	-	-	5	3	-
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	9	2	2	2	2	3	3	-	-	-	-	-	-	-
Accidents and adverse effects (E800-E949)	35	1	2	2	20	12	12	2	-	-	-	1	1	-
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	3	-	-	-	2	1	1	-	-	-	-	-	-	-
Accidental mechanical suffocation (E913)	7	-	1	1	2	4	4	1	-	-	-	1	-	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	25	1	1	1	16	7	7	1	-	-	-	-	1	-
Homicide (E960-E969)	7	-	3	3	1	3	3	-	-	-	-	-	-	-
Child battering and other maltreatment (E967)	2	-	-	-	2	2	2	-	-	-	-	-	-	-
Other homicide (E960-E966,E968-E969)	5	-	3	3	1	1	1	-	-	-	-	-	-	-
All other causes (Residual)	52	17	7	7	13	15	15	8	1	-	-	5	2	1

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	1,624	739	294	291	409	182	180	405	181	53	35	113	58	35
Certain intestinal infections (008-009)	5	-	-	-	2	3	3	2	-	-	-	1	1	1
Whooping cough (033)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	1	-	-	-	1	-	-	1	-	-	-	1	-	-
Septicemia (038)	9	-	-	-	4	5	5	5	-	-	-	3	2	2
Viral diseases (045-079)	4	-	1	1	1	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)	4	-	-	-	3	1	1	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	6	2	-	-	4	-	-	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)	4	3	-	-	-	1	1	-	-	-	-	-	-	-
Meningitis (320-322)	7	-	1	1	4	2	2	3	-	-	-	2	1	1
Other diseases of nervous system and sense organs (323-389)	18	1	1	1	14	2	1	6	-	1	1	4	1	-
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466,490-491)	6	-	-	-	2	4	4	1	-	-	-	-	1	1
Pneumonia and influenza (480-487)	19	3	-	-	12	4	4	17	-	1	-	10	6	4
Pneumonia (480-486)	18	3	-	-	11	4	4	16	-	1	-	9	6	4
Influenza (487)	1	-	-	-	1	-	-	1	-	-	-	1	-	-
Remainder of diseases of respiratory system (470-478,492-519)	25	1	1	1	13	10	10	4	-	-	-	3	1	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2	-	1	1	1	-	-	-	-	-	-	-	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	4	-	1	1	3	-	-	1	-	-	-	-	1	-
Congenital anomalies (740-759)	328	206	34	33	73	15	15	78	52	5	2	20	1	-
Anencephalus and similar anomalies (740)	22	19	3	2	-	-	-	4	3	1	-	-	-	-
Spina bifida (741)	4	3	-	-	1	-	-	-	-	-	-	-	-	-
Congenital hydrocephalus (742.3)	9	4	1	1	4	-	-	4	1	2	1	-	1	-
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	12	7	-	-	5	-	-	1	-	-	-	-	1	-
Congenital anomalies of heart (745-746)	100	49	10	10	32	9	9	26	14	-	-	12	-	-
Other congenital anomalies of circulatory system (747)	16	10	4	4	1	1	1	8	6	-	-	2	-	-
Congenital anomalies of respiratory system (748)	54	45	5	5	2	2	2	11	7	2	1	2	-	-
Congenital anomalies of digestive system (749-751)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	18	17	-	-	1	-	-	4	4	-	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	25	17	3	3	5	-	-	7	7	-	-	-	-	-
Down's syndrome (758.0)	4	1	-	-	3	-	-	1	-	-	-	1	-	-
Other chromosomal anomalies (758.1-758.9)	40	20	6	6	12	2	2	6	5	-	-	1	-	-
All other and unspecified congenital anomalies (744,757,759)	23	14	2	2	6	1	1	6	5	-	-	1	-	-
Certain conditions originating in the perinatal period (760-779)	774	474	243	241	36	21	21	173	118	40	31	12	3	3
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	4	2	2	2	-	-	-	-	-	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	81	47	34	34	-	-	-	6	3	3	3	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	50	36	13	13	1	-	-	8	6	2	2	-	-	-
Newborn affected by other complications of labor and delivery (763)	4	4	-	-	-	-	-	2	2	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	150	78	70	70	1	1	1	17	14	2	2	1	-	-
Disorders relating to long gestation and high birthweight (766)	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	4	3	1	1	-	-	-	5	2	2	2	1	-	-
Intrauterine hypoxia and birth asphyxia (768)	35	21	10	10	3	1	1	7	6	1	-	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	13	8	3	3	2	-	-	2	1	1	-	-	-	-
Birth asphyxia (768.5-768.9)	22	13	7	7	1	1	1	5	5	-	-	-	-	-
Respiratory distress syndrome (769)	160	109	35	35	13	3	3	42	34	7	4	1	-	-
Other respiratory conditions of newborn (770)	145	79	34	33	17	15	15	29	9	9	5	9	2	2
Infections specific to the perinatal period (771)	38	24	13	13	-	1	1	14	10	3	3	-	1	1
Neonatal hemorrhage (772)	17	12	5	5	-	-	-	4	4	-	-	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	4	3	-	-	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)	82	56	26	25	-	-	-	38	27	11	10	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	303	26	3	3	185	89	88	83	4	4	-	42	33	21
Sudden infant death syndrome (798.0)	238	13	2	2	154	69	68	76	4	3	-	39	30	20
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	65	13	1	1	31	20	20	7	-	1	-	3	3	1
Accidents and adverse effects (E800-E949)	34	2	2	2	23	7	7	6	-	-	-	3	3	1
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	6	-	-	-	6	-	-	1	-	-	-	-	1	-
Accidental mechanical suffocation (E913)	7	-	-	-	4	3	3	2	-	-	-	1	1	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	21	2	2	2	13	4	4	3	-	-	-	2	1	-
Homicide (E960-E969)	16	2	-	-	7	7	7	5	-	-	-	3	2	-
Child battering and other maltreatment (E967)	8	-	-	-	5	3	3	1	-	-	-	-	1	-
Other homicide (E960-E966,E968-E969)	8	2	-	-	2	4	4	4	-	-	-	3	1	-
All other causes (Residual)	48	18	6	6	16	8	8	18	7	2	1	7	2	1

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	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	368	194	14	10	135	25	12	1,714	792	391	375	319	212	204
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	3	-	-	-	-	3	3
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	1	-	-	-	1	-	-	1	-	-	-	1	-	-
Septicemia (038)	3	...	...	...	3	-	-	12	...	...	...	6	6	6
Viral diseases (045-079)	3	1	1	-	1	-	-	4	1	-	-	3	-	-
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)	-	-	-	-	-	-	-	10	1	1	1	5	3	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	-	-	-	1	-	-	4	-	-	-	4	-	-
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)	-	-	-	-	-	-	-	3	-	-	-	3	-	-
Meningitis (320-322)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Other diseases of nervous system and sense organs (323-389) ..	4	-	-	-	4	-	-	3	3	1	1	17	10	10
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Pneumonia and influenza (480-487)	5	1	-	-	4	-	-	27	3	2	2	11	11	11
Pneumonia (480-486)	5	1	-	-	4	-	-	24	3	2	2	8	11	11
Influenza (487)	-	-	-	-	-	-	-	3	-	-	-	3	-	-
Remainder of diseases of respiratory system (470-478,492-519)	3	-	-	-	1	2	-	9	3	-	-	6	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
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	-	-	3	-	1	1	2	-	-
Congenital anomalies (740-759)	75	49	3	1	21	2	1	345	221	41	35	58	25	23
Anencephalus and similar anomalies (740)	3	2	1	-	-	-	-	14	10	4	4	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
Congenital hydrocephalus (742.3)	1	1	-	-	-	-	-	4	2	1	1	-	1	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	3	3	-	-	-	-	-	9	5	1	-	3	-	-
Congenital anomalies of heart (745-746)	19	9	-	-	8	2	1	105	50	9	7	31	15	13
Other congenital anomalies of circulatory system (747)	9	7	1	-	1	-	-	17	7	2	2	4	4	4
Congenital anomalies of respiratory system (748)	14	14	-	-	-	-	-	64	50	10	10	3	1	1
Congenital anomalies of digestive system (749-751)	2	-	-	-	2	-	-	9	6	1	1	2	-	-
Congenital anomalies of genitourinary system (752-753)	3	3	-	-	-	-	-	18	18	-	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	4	3	1	1	-	-	-	28	23	2	2	2	1	1
Down's syndrome (758.0)	3	-	-	-	3	-	-	2	-	2	2	-	-	-
Other chromosomal anomalies (758.1-758.9)	8	4	-	-	4	-	-	45	29	7	4	7	2	2
All other and unspecified congenital anomalies (744,757,759)	6	3	-	-	3	-	-	28	19	2	2	6	1	1
Certain conditions originating in the perinatal period (760-779)	156	132	10	9	12	2	-	903	517	326	316	39	21	21
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	4	3	1	-	-	-	-	9	4	4	4	1	-	-
Newborn affected by maternal complications of pregnancy (761)	11	9	2	2	-	-	-	91	64	27	26	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	21	18	2	2	1	-	-	53	34	19	19	-	-	-
Newborn affected by other complications of labor and delivery (763)	2	2	-	-	-	-	-	2	-	2	1	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	28	26	2	2	-	-	-	210	104	104	103	-	2	2
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	4	4	-	-	-	-	-	15	14	-	-	1	-	-
Intrauterine hypoxia and birth asphyxia (768)	9	8	-	-	1	-	-	34	21	12	11	1	-	-
Fetal distress in liveborn infant (768.2-768.4)	3	3	-	-	-	-	-	12	9	2	1	1	-	-
Birth asphyxia (768.5-768.9)	6	5	-	-	1	-	-	22	12	10	10	-	-	-
Respiratory distress syndrome (769)	36	30	2	2	3	1	-	168	108	51	47	8	1	1
Other respiratory conditions of newborn (770)	22	14	1	1	6	1	-	150	69	43	43	23	15	15
Infections specific to the perinatal period (771)	1	1	-	-	-	-	-	32	20	10	10	1	1	1
Neonatal hemorrhage (772)	-	-	-	-	-	-	-	9	6	3	3	-	-	-
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	17	-	-	1	-	-	130	73	51	49	4	2	2
Symptoms, signs, and ill-defined conditions (780-799)	100	3	-	-	80	17	11	237	16	10	10	113	98	94
Sudden infant death syndrome (798.0)	98	3	-	-	78	17	11	228	13	9	9	111	95	91
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	2	-	-	-	2	-	-	9	3	1	1	2	3	3
Accidents and adverse effects (E800-E949)	3	1	-	-	2	-	-	22	1	1	1	11	9	8
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	1	-	-	-	-	-	2	-	-	-	1	1	1
Accidental mechanical suffocation (E913)	-	-	-	-	-	-	-	9	1	-	-	3	5	5
Other accidental causes and adverse effects (E800-E910,E914-E949)	2	-	-	-	2	-	-	11	-	1	1	7	3	2
Homicide (E960-E969)	-	-	-	-	-	-	-	13	1	-	-	6	6	5
Child battering and other maltreatment (E967)	-	-	-	-	-	-	-	4	-	-	-	3	1	-
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	9	1	-	-	3	5	5
All other causes (Residual)	13	7	-	-	4	2	-	75	23	6	6	27	19	19

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	151	100	15	13	28	8	7	733	200	267	266	112	154	153
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	-	-	-	-	-	-	-	5	-	-	-	2	3	3
Viral diseases (045-079)	-	-	-	-	-	-	-	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)	1	1	-	-	-	-	-	6	-	-	-	1	5	5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	-	-	-	-	-	-	-	2	-	1	1	1	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Diseases of blood and blood-forming organs (280-289)	-	-	-	-	-	-	-	3	-	-	-	-	3	3
Meningitis (320-322)	-	-	-	-	-	-	-	3	-	1	1	1	1	1
Other diseases of nervous system and sense organs (323-389) ..	3	-	-	-	3	-	-	7	1	1	1	2	3	3
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	1	-	-	-	-	1	1
Bronchitis and bronchiolitis (466,490-491)	4	-	-	-	3	1	1	2	-	-	-	1	1	1
Pneumonia and influenza (480-487)	3	1	-	-	1	1	1	13	2	1	1	4	6	6
Pneumonia (480-486)	3	1	-	-	1	1	1	13	2	1	1	4	6	6
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	-	-	-	-	-	-	-	11	1	-	-	3	7	7
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	1	-	-	-	-	1	1	2	-	-	-	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	-	-	6	-	1	1	2	3	3
Congenital anomalies (740-759)	33	27	2	1	4	-	-	143	64	40	40	21	18	18
Anencephalus and similar anomalies (740)	1	1	-	-	-	-	-	2	1	1	1	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
Congenital hydrocephalus (742.3)	-	-	-	-	-	-	-	8	3	1	1	2	2	2
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	-	-	-	-	-	-	-	4	2	-	-	-	2	2
Congenital anomalies of heart (745-746)	5	1	1	1	3	-	-	34	15	5	5	9	5	5
Other congenital anomalies of circulatory system (747)	1	1	-	-	-	-	-	11	5	3	3	-	3	3
Congenital anomalies of respiratory system (748)	4	4	-	-	-	-	-	28	14	12	12	-	2	2
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	5	5	-	-	-	-	-	7	5	2	2	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	2	2	-	-	-	-	-	10	1	6	6	3	-	-
Down's syndrome (758.0)	-	-	-	-	-	-	-	4	1	1	1	1	1	1
Other chromosomal anomalies (758.1-758.9)	10	9	1	-	-	-	-	20	8	5	5	6	1	1
All other and unspecified congenital anomalies (744,757,759) ..	5	4	-	-	1	-	-	13	7	4	4	-	2	2
Certain conditions originating in the perinatal period (760-779)	81	64	13	12	3	1	1	360	124	209	208	10	17	17
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	2	1	1	-	-	-	-	6	3	3	3	-	-	-
Newborn affected by maternal complications of pregnancy (761)	11	11	-	-	-	-	-	35	16	19	19	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	10	9	1	1	-	-	-	9	4	5	5	-	-	-
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)	7	6	1	1	-	-	-	94	23	70	69	-	1	1
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	-	-	-	-	-	-	-	2	2	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	-	-	-	-	-	-	-	9	3	5	5	-	1	1
Fetal distress in liveborn infant (768.2-768.4)	-	-	-	-	-	-	-	2	1	1	1	-	-	-
Birth asphyxia (768.5-768.9)	-	-	-	-	-	-	-	7	2	4	4	-	1	1
Respiratory distress syndrome (769)	21	19	2	2	-	-	-	71	27	38	38	4	2	2
Other respiratory conditions of newborn (770)	13	7	3	3	2	1	1	59	16	32	32	5	6	6
Infections specific to the perinatal period (771)	10	6	4	4	-	-	-	15	6	6	6	1	2	2
Neonatal hemorrhage (772)	-	-	-	-	-	-	-	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)	6	4	1	1	1	-	-	57	22	30	30	-	5	5
Symptoms, signs, and ill-defined conditions (780-799)	10	4	-	-	6	-	-	104	1	6	6	42	55	54
Sudden infant death syndrome (798.0)	4	-	-	-	4	-	-	101	1	6	6	42	52	51
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	6	4	-	-	2	-	-	3	-	-	-	-	3	3
Accidents and adverse effects (E800-E949)	7	2	-	-	2	3	2	27	2	1	1	8	16	16
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	12	-	1	1	2	9	9
Accidental mechanical suffocation (E913)	4	1	-	-	-	3	2	1	-	-	-	-	1	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	3	1	-	-	2	-	-	14	2	-	-	6	6	6
Homicide (E960-E969)	1	-	-	-	1	-	-	2	-	2	2	-	-	-
Child battering and other maltreatment (E967)	-	-	-	-	-	-	-	2	-	2	2	-	-	-
Other homicide (E960-E966,E968-E969)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
All other causes (Residual)	5	1	-	-	3	1	1	31	4	4	4	9	14	14

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	106	34	17	-	30	25	1	790	279	221	220	180	110	107
Certain intestinal infections (008-009)	1	-	-	-	1	-	-	3	-	-	-	-	3	3
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Septicemia (039)	-	-	-	-	-	-	-	13	-	-	-	9	4	4
Viral diseases (045-079)	-	-	-	-	-	-	-	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	-	-	-	3	1	1
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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	-	-	-	-	-	-	-	2	-	-	-	1	1	1
Menigitis (320-322)	-	-	-	-	-	-	-	3	-	-	-	1	2	2
Other diseases of nervous system and sense organs (323-389)	1	-	-	-	1	-	-	6	-	-	-	2	4	4
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	1	-	-	-	1	-	-
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	2	-	-	-	-	2	2
Pneumonia and influenza (480-487)	3	-	-	-	-	3	-	14	2	-	-	7	5	4
Pneumonia (480-486)	3	-	-	-	-	3	-	14	2	-	-	7	5	4
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	-	-	-	-	-	-	-	6	-	-	-	4	2	2
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)	-	-	-	-	-	-	-	2	-	-	-	1	1	1
Remainder of diseases of digestive system (520-534,536-543,562-579)	-	-	-	-	-	-	-	2	-	1	1	1	-	-
Congenital anomalies (740-759)	22	13	3	-	5	1	-	127	74	22	21	19	12	12
Anencephalus and similar anomalies (740)	2	2	-	-	-	-	-	11	9	2	2	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Congenital hydrocephalus (742.3)	1	-	1	-	-	-	-	1	-	-	-	-	1	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	2	1	-	-	1	-	-	5	1	-	-	2	2	2
Congenital anomalies of heart (745-746)	3	1	-	-	1	1	-	41	19	5	5	12	5	5
Other congenital anomalies of circulatory system (747)	1	-	1	-	-	-	-	7	2	4	4	1	-	-
Congenital anomalies of respiratory system (748)	7	6	-	-	1	-	-	24	19	5	5	-	-	-
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	4	-	-	-	2	2	2
Congenital anomalies of genitourinary system (752-753)	2	2	-	-	-	-	-	8	5	3	3	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	-	-	-	-	-	-	-	11	8	1	1	-	2	2
Down's syndrome (758.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other chromosomal anomalies (758.1-758.9)	3	1	-	-	2	-	-	7	5	-	-	2	-	-
All other and unspecified congenital anomalies (744,757,759)	1	-	1	-	-	-	-	7	5	2	1	-	-	-
Certain conditions originating in the perinatal period (760-779)	34	19	11	-	3	1	-	394	180	190	190	18	6	6
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	-	-	-	-	-	-	-	3	2	-	-	1	-	-
Newborn affected by maternal complications of pregnancy (761)	4	4	-	-	-	-	-	17	13	4	4	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	1	1	-	-	-	-	-	19	12	7	7	-	-	-
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)	7	3	4	-	-	-	-	83	33	50	50	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	8	5	3	3	-	-	-
Birth trauma (767)	-	-	-	-	-	-	-	9	5	3	3	1	-	-
Intrauterine hypoxia and birth asphyxia (768)	3	1	2	-	-	-	-	3	1	1	1	1	-	-
Fetal distress in liveborn infant (768.2-768.4)	2	1	1	-	-	-	-	6	4	2	2	-	-	-
Birth asphyxia (768.5-768.9)	1	-	1	-	-	-	-	61	37	18	18	5	1	1
Respiratory distress syndrome (769)	1	1	-	-	-	-	-	90	28	48	48	10	4	4
Other respiratory conditions of newborn (770)	9	6	-	-	3	-	-	24	14	10	10	-	-	-
Infections specific to the perinatal period (771)	5	3	1	-	1	-	-	9	4	5	5	-	-	-
Neonatal hemorrhage (772)	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	-	-	-	-	-	-	-	2	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)	2	-	2	-	-	-	-	68	25	41	41	1	1	1
Symptoms, signs, and ill-defined conditions (780-799)	33	1	3	-	13	16	1	145	8	4	4	85	48	48
Sudden infant death syndrome (798.0)	30	1	2	-	13	14	1	139	8	4	4	82	45	45
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	3	-	1	-	-	2	-	6	-	-	-	3	3	3
Accidents and adverse effects (E800-E949)	4	-	-	-	3	1	-	20	-	-	-	11	9	8
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	1	-	-	-	1	-	-	8	-	-	-	5	3	3
Accidental mechanical suffocation (E913)	-	-	-	-	-	-	-	2	-	-	-	1	1	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	3	-	-	-	2	1	-	10	-	-	-	5	5	5
Homicide (E960-E969)	2	-	-	-	-	2	-	5	-	1	1	1	3	3
Child battering and other maltreatment (E967)	1	-	-	-	-	1	-	3	-	-	-	1	2	2
Other homicide (E960-E966,E968-E969)	1	-	-	-	-	1	-	2	-	1	1	-	1	1
All other causes (Residual)	5	1	-	-	3	1	-	35	12	2	2	14	7	6

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—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	Texas							Utah							
	Infant, All races	Neonatal				Postneonatal			Infant, All races	Neonatal			Postneonatal		
		White	All other		White	All other		White		Total	Black	White	All other		
			Total	Black		Total	Black						Total	Black	
All causes	2,817	1,237	493	464	806	281	264	285	142	16	5	113	14	1	
Certain intestinal infections (008-009)	4	-	-	-	3	1	1	-	-	-	-	-	-	-	
Whooping cough (033)	3	-	-	-	3	-	-	-	-	-	-	-	-	-	
Meningococcal infection (036)	2	-	-	-	1	1	1	1	-	-	-	-	-	-	
Septicemia (038)	35	-	-	-	25	10	9	-	-	-	-	-	-	-	
Viral diseases (045-079)	11	1	1	1	7	2	2	2	-	-	-	-	1	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)	15	1	-	-	8	6	5	1	-	-	-	1	-	-	
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	7	-	1	1	4	2	2	3	1	-	-	2	-	-	
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	4	-	1	1	1	2	2	3	2	-	-	1	-	-	
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cystic fibrosis (277.0)	2	-	-	-	1	1	1	-	-	-	-	-	-	-	
Diseases of blood and blood-forming organs (280-289)	3	1	1	1	-	1	1	5	3	1	-	1	-	-	
Meningitis (320-322)	27	2	1	1	15	9	7	1	-	-	-	1	-	-	
Other diseases of nervous system and sense organs (323-389) ..	45	3	-	-	37	5	4	3	1	-	-	1	1	1	
Acute upper respiratory infections (460-465)	2	-	-	-	1	1	-	-	-	-	-	-	-	-	
Bronchitis and bronchiolitis (466,490-491)	10	-	-	-	8	2	2	1	-	-	-	1	-	-	
Pneumonia and influenza (480-487)	59	3	2	2	45	9	9	5	3	-	-	1	1	1	
Pneumonia (480-486)	59	3	2	2	45	9	9	5	3	-	-	1	1	1	
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Remainder of diseases of respiratory system (470-478,492-519)	26	3	-	-	13	10	10	-	-	-	-	-	-	-	
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	8	5	2	1	1	-	-	-	-	-	-	-	-	-	
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	19	4	1	1	7	7	7	-	-	-	-	-	-	-	
Remainder of diseases of digestive system (520-534,536-543,562-579)	17	3	-	-	9	5	5	-	-	-	-	-	-	-	
Congenital anomalies (740-759)	650	384	97	82	135	34	29	75	53	4	-	15	3	-	
Anencephalus and similar anomalies (740)	40	35	3	3	2	-	-	1	1	-	-	-	-	-	
Spina bifida (741)	9	6	-	-	3	-	-	1	1	-	-	-	-	-	
Congenital hydrocephalus (742.3)	15	7	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)	39	22	2	2	12	3	3	1	1	-	-	-	-	-	
Congenital anomalies of heart (745-746)	197	102	22	17	58	15	11	28	23	-	-	5	-	-	
Other congenital anomalies of circulatory system (747)	33	17	7	5	7	2	2	3	2	1	-	-	-	-	
Congenital anomalies of respiratory system (748)	116	71	35	30	7	3	3	11	8	1	-	2	-	-	
Congenital anomalies of digestive system (749-751)	10	2	1	1	5	2	2	1	-	-	-	1	-	-	
Congenital anomalies of genitourinary system (752-753)	36	29	5	4	2	-	-	4	4	-	-	-	-	-	
Congenital anomalies of musculoskeletal system (754-756)	27	22	2	2	3	-	-	4	2	-	-	1	1	-	
Down's syndrome (758.0)	6	3	-	-	3	-	-	1	-	-	-	-	-	-	
Other chromosomal anomalies (758.1-758.9)	68	37	8	6	19	4	3	13	8	-	-	4	1	-	
All other and unspecified congenital anomalies (744,757,759) ..	54	31	11	11	9	3	3	5	2	2	-	1	-	-	
Certain conditions originating in the perinatal period (760-779)	1,197	756	360	348	49	32	30	78	64	10	5	3	1	-	
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	10	4	5	5	1	-	-	4	2	2	2	-	-	-	
Newborn affected by maternal complications of pregnancy (761)	52	31	20	19	-	1	1	8	8	-	-	-	-	-	
Newborn affected by complications of placenta, cord, and membranes (762)	61	48	13	12	-	-	-	13	10	3	1	-	-	-	
Newborn affected by other complications of labor and delivery (763)	5	5	-	-	-	-	-	-	-	-	-	-	-	-	
Slow fetal growth and fetal malnutrition (764)	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Disorders relating to short gestation and unspecified low birthweight (765)	236	125	107	104	1	3	3	9	9	-	-	-	-	-	
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Birth trauma (767)	14	10	3	3	1	-	-	2	2	-	-	-	-	-	
Intrauterine hypoxia and birth asphyxia (768)	40	22	15	13	3	-	-	1	1	-	-	-	-	-	
Fetal distress in liveborn infant (768.2-768.4)	9	6	2	1	1	-	-	-	-	-	-	-	-	-	
Birth asphyxia (768.5-768.9)	31	16	13	12	2	-	-	1	1	-	-	-	-	-	
Respiratory distress syndrome (769)	280	192	71	70	11	6	6	13	13	-	-	-	-	-	
Other respiratory conditions of newborn (770)	253	152	62	61	22	17	16	14	9	2	1	2	1	-	
Infections specific to the perinatal period (771)	71	50	15	15	4	2	2	5	3	1	-	1	-	-	
Neonatal hemorrhage (772)	16	15	1	1	-	-	-	1	1	-	-	-	-	-	
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	3	2	1	1	-	-	-	1	1	-	-	-	-	-	
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
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)	151	96	47	44	6	2	1	7	5	2	1	-	-	-	
Symptoms, signs, and ill-defined conditions (780-799)	405	27	9	9	281	88	86	83	6	1	-	70	6	5	
Sudden infant death syndrome (798.0)	367	23	5	5	257	82	80	77	5	-	-	67	-	-	
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	38	4	4	4	24	6	6	6	1	1	-	3	1	-	
Accidents and adverse effects (E800-E949)	93	5	1	1	66	21	20	6	2	-	-	4	-	-	
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	23	1	-	-	14	8	8	-	-	-	-	-	-	-	
Accidental mechanical suffocation (E913)	22	3	1	1	15	3	2	-	-	-	-	-	-	-	
Other accidental causes and adverse effects (E800-E910,E914-E949)	48	1	-	-	37	10	10	6	2	-	-	4	-	-	
Homicide (E960-E969)	21	1	1	1	11	8	8	2	-	-	-	2	-	-	
Child battering and other maltreatment (E967)	5	-	-	-	2	3	3	2	-	-	-	2	-	-	
Other homicide (E960-E966,E968-E969)	16	1	1	1	9	5	5	-	-	-	-	-	-	-	
All other causes (Residual)	151	37	15	14	75	24	23	16	7	-	-	8	1	-	

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—Con.

(Page 24 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	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			
All causes	59	41	-	-	18	-	-	969	370	317	307	149	133	129
Certain Intestinal infections (008-009)	-	-	-	-	-	-	-	4	-	-	-	1	3	3
Whooping cough (033)	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Meningococcal infection (036)	-	-	-	-	-	-	-	7	-	-	-	-	7	6
Septicemia (036)	5	1	-	-	4	-	-	6	1	-	-	3	2	2
Viral diseases (045-079)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital syphilis (090)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	-	-	-	-	-	-	-	7	1	1	1	2	3	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	-	-	-	-	-	-	-	3	1	-	-	2	-	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	-	-	-	-	-	-	-	2	-	2	2	-	-	-
Diseases of thymus gland (254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cystic fibrosis (277.0)	-	-	-	-	-	-	-	1	-	1	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	-	-	-	-	-	-	-	3	-	-	-	1	2	2
Menigitis (320-322)	-	-	-	-	-	-	-	9	1	-	-	5	3	3
Other diseases of nervous system and sense organs (323-389) ..	-	-	-	-	-	-	-	3	-	-	-	2	1	1
Acute upper respiratory infections (460-465)	-	-	-	-	-	-	-	3	-	-	-	2	1	1
Bronchitis and bronchiolitis (466,490-491)	-	-	-	-	-	-	-	10	-	-	-	4	6	6
Pneumonia and influenza (480-487)	-	-	-	-	-	-	-	10	-	-	-	4	6	6
Pneumonia (480-486)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	-	-	-	-	-	-	-	2	-	-	-	1	1	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	-	-	-	-	-	-	-	4	1	1	1	1	1	1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	-	-	-	-	-	-	-	2	-	2	2	-	-	-
Remainder of diseases of digestive system (520-534,536-543,562-579)	1	-	-	-	1	-	-	4	1	-	-	2	1	1
Congenital anomalies (740-759)	13	8	-	-	5	-	-	181	98	42	38	29	12	12
Anencephalus and similar anomalies (740)	-	-	-	-	-	-	-	10	7	3	2	-	-	-
Spina bifida (741)	-	-	-	-	-	-	-	2	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)	-	-	-	-	-	-	-	5	3	1	1	-	1	1
Congenital anomalies of heart (745-746)	5	3	-	-	2	-	-	60	28	10	9	17	5	5
Other congenital anomalies of circulatory system (747)	1	-	-	-	1	-	-	10	5	3	3	1	1	1
Congenital anomalies of respiratory system (748)	4	3	-	-	1	-	-	40	24	13	12	1	2	2
Congenital anomalies of digestive system (749-751)	-	-	-	-	-	-	-	3	-	1	1	1	1	1
Congenital anomalies of genitourinary system (752-753)	-	-	-	-	-	-	-	9	6	3	3	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	-	-	-	-	-	-	-	12	9	2	2	1	-	-
Down's syndrome (758.0)	-	-	-	-	-	-	-	2	1	-	-	1	-	-
Other chromosomal anomalies (758.1-758.9)	1	1	-	-	-	-	-	15	8	3	3	4	-	-
All other and unspecified congenital anomalies (744,757,759) ..	2	1	-	-	1	-	-	12	6	1	-	3	2	2
Certain conditions originating in the perinatal period (760-779)	33	31	-	-	2	-	-	529	251	255	250	12	11	11
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	1	-	-	-	-	-	2	1	1	1	-	-	-
Newborn affected by maternal complications of pregnancy (761)	6	6	-	-	-	-	-	42	21	20	19	1	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	4	4	-	-	-	-	-	16	7	9	8	-	-	-
Newborn affected by other complications of labor and delivery (763)	-	-	-	-	-	-	-	2	1	1	1	-	-	-
Slow fetal growth and fetal malnutrition (764)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	2	2	-	-	-	-	-	177	76	100	99	-	1	1
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	7	3	4	4	-	-	-
Birth trauma (767)	-	-	-	-	-	-	-	18	9	7	7	1	1	1
Intrauterine hypoxia and birth asphyxia (768)	2	1	-	-	1	-	-	1	1	1	1	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	1	1	-	-	-	-	-	17	9	6	6	1	1	1
Birth asphyxia (768.5-768.9)	6	6	-	-	1	-	-	62	41	17	17	3	1	1
Respiratory distress syndrome (769)	7	6	-	-	1	-	-	74	36	28	28	6	4	4
Other respiratory conditions of newborn (770)	1	1	-	-	-	-	-	30	13	15	14	-	2	2
Infections specific to the perinatal period (771)	-	-	-	-	-	-	-	7	3	4	4	-	-	-
Neonatal hemorrhage (772)	-	-	-	-	-	-	-	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)	4	4	-	-	-	-	-	91	40	48	47	1	2	2
Symptoms, signs, and ill-defined conditions (780-799)	5	-	-	-	5	-	-	117	7	4	4	60	46	44
Sudden infant death syndrome (788.0)	5	-	-	-	5	-	-	106	5	1	1	55	45	43
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	-	-	-	-	-	-	-	11	2	3	3	5	1	1
Accidents and adverse effects (E800-E949)	1	1	-	-	-	-	-	23	-	2	2	7	14	13
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	6	-	-	-	3	3	3
Accidental mechanical suffocation (E913)	-	-	-	-	-	-	-	7	-	-	-	4	3	3
Other accidental causes and adverse effects (E800-E910,E914-E949)	1	1	-	-	-	-	-	10	-	2	2	-	8	7
Homicide (E960-E969)	-	-	-	-	-	-	-	5	1	2	2	-	2	2
Child battering and other maltreatment (E967)	-	-	-	-	-	-	-	1	-	-	-	-	1	1
Other homicide (E960-E966,E968-E969)	-	-	-	-	-	-	-	4	1	2	2	-	1	1
All other causes (Residual)	1	-	-	-	1	-	-	46	7	5	5	16	16	18

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—Con.
(Page 25 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	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			
All causes	691	326	55	37	247	63	26	209	134	5	5	64	6	6
Certain intestinal infections (008-009)	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	3	-	-	-	2	1	-	1	-	-	-	1	-	-
Septicemia (038)	2	-	-	-	2	-	-	1	-	-	-	1	-	-
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)	4	-	-	-	2	2	2	1	-	-	-	1	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	1	-	-	-	-	-	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)	2	1	-	-	-	1	1	2	1	-	-	-	1	1
Meningitis (320-322)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Other diseases of nervous system and sense organs (323-389) ..	11	1	-	-	10	-	-	1	-	-	-	1	-	1
Acute upper respiratory infections (460-465)	1	-	-	-	1	-	-	1	-	-	-	1	-	-
Bronchitis and bronchiolitis (466,490-491)	1	-	-	-	1	-	-	1	-	-	-	1	-	-
Pneumonia and influenza (480-487)	4	-	-	-	3	1	-	2	1	1	1	1	-	-
Pneumonia (480-486)	4	-	-	-	3	1	-	2	1	1	1	1	-	-
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478,492-519)	3	-	-	-	3	-	-	3	1	-	-	2	-	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2	-	-	-	2	-	-	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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies (740-759)	149	97	12	10	31	9	3	58	39	1	1	17	1	1
Anencephalus and similar anomalies (740)	3	3	-	-	-	-	-	3	3	-	-	-	-	-
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)	7	5	1	-	-	1	-	2	2	-	-	-	-	-
Congenital anomalies of heart (745-746)	45	27	5	5	12	1	-	20	7	-	-	12	1	1
Other congenital anomalies of circulatory system (747)	6	3	1	1	2	-	-	4	3	-	-	1	-	-
Congenital anomalies of respiratory system (748)	35	18	2	1	10	5	3	5	4	-	-	1	-	-
Congenital anomalies of digestive system (749-751)	3	1	-	-	1	1	-	2	1	-	-	1	-	-
Congenital anomalies of genitourinary system (752-753)	10	9	1	1	-	-	-	7	6	1	1	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	10	10	-	-	-	-	-	2	2	-	-	-	-	-
Down's syndrome (758.0)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Other chromosomal anomalies (758.1-758.9)	15	12	1	1	2	-	-	6	6	-	-	-	-	-
All other and unspecified congenital anomalies (744,757,759) ..	13	7	1	1	4	1	-	7	5	-	-	2	-	-
Certain conditions originating in the perinatal period (760-779)	252	202	39	26	9	2	2	86	81	3	3	2	-	-
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	1	1	-	-	-	-	-	3	2	1	1	-	-	-
Newborn affected by maternal complications of pregnancy (761)	27	18	9	8	-	-	-	13	13	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	22	19	2	2	1	-	-	6	6	-	-	-	-	-
Newborn affected by other complications of labor and delivery (763)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Slow fetal growth and fetal malnutrition (764)	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	39	32	7	6	-	-	-	13	13	-	-	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	20	18	2	-	-	-	-	2	2	-	-	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	7	7	-	-	-	-	-	1	1	-	-	-	-	-
Birth asphyxia (768.5-768.9)	13	11	2	-	-	-	-	1	1	-	-	-	-	-
Respiratory distress syndrome (769)	46	36	7	4	3	-	-	18	18	-	-	-	-	-
Other respiratory conditions of newborn (770)	34	26	4	3	2	2	2	13	11	-	-	2	-	-
Infections specific to the perinatal period (771)	14	9	5	-	-	-	-	2	2	-	-	-	-	-
Neonatal hemorrhage (772)	1	1	-	-	-	-	-	3	3	-	-	-	-	-
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)	40	34	3	3	3	-	-	13	11	2	2	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	199	8	2	1	152	37	13	30	5	-	-	23	2	2
Sudden infant death syndrome (798.0)	196	8	2	1	151	35	13	27	3	-	-	22	2	2
Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)	3	-	-	-	1	2	-	3	2	-	-	1	-	-
Accidents and adverse effects (E800-E949)	19	4	-	-	9	6	3	8	-	-	-	7	1	1
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Accidental mechanical suffocation (E913)	5	2	-	-	1	2	1	1	-	-	-	1	-	-
Other accidental causes and adverse effects (E800-E910,E914-E949)	14	2	-	-	8	4	2	5	-	-	-	4	1	1
Homicide (E960-E969)	5	-	-	-	5	-	-	-	-	-	-	-	-	-
Child battering and other maltreatment (E967)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other homicide (E960-E966,E968-E969)	5	-	-	-	5	-	-	-	-	-	-	-	-	-
All other causes (Residual)	26	12	2	-	11	1	-	9	3	-	-	6	-	-

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Table 2-17. Infant, Neonatal, and Postneonatal Deaths From 61 Selected Causes, by Race: United States and Each State, 1989—Con.

(Page 26 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	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	652	317	74	61	197	64	55	65	34	2	-	29	-	-
Certain intestinal infections (008-009)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection (036)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	1	-	-	-	-	-	-	1	-	-	-	1	-	-
Viral diseases (045-079)	6	1	-	-	5	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	4	-	-	-	2	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)	3	-	-	-	3	-	-	-	-	-	-	-	-	-
Diseases of blood and blood-forming organs (280-289)	4	-	-	-	2	2	2	2	-	-	-	2	-	-
Meningitis (320-322)	11	1	-	-	8	2	2	1	-	-	-	1	-	-
Other diseases of nervous system and sense organs (323-389)	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Acute upper respiratory infections (460-465)	2	-	-	-	1	1	1	-	-	-	-	-	-	-
Bronchitis and bronchiolitis (466, 490-491)	9	2	-	-	6	1	1	-	-	-	-	-	-	-
Pneumonia and influenza (480-487)	9	2	-	-	6	1	1	-	-	-	-	-	-	-
Pneumonia (480-486)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (487)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of respiratory system (470-478, 492-519)	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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remainder of diseases of digestive system (520-534, 536-543, 562-579)	1	-	-	-	-	1	1	-	-	-	-	-	-	-
Congenital anomalies (740-759)	174	117	13	6	33	11	8	14	11	-	-	3	-	-
Anencephalus and similar anomalies (740)	9	7	-	-	2	-	-	-	-	-	-	-	-	-
Spina bifida (741)	2	1	1	-	1	-	-	-	-	-	-	-	-	-
Congenital hydrocephalus (742.3)	4	3	-	-	1	1	1	-	-	-	-	-	-	-
Other congenital anomalies of central nervous system and eye (742.0-742.2, 742.4-742.5, 743)	8	2	1	1	4	1	1	-	-	-	-	-	-	-
Congenital anomalies of heart (745-746)	55	36	1	-	14	4	3	7	5	-	-	2	-	-
Other congenital anomalies of circulatory system (747)	9	4	-	-	4	1	1	-	-	-	-	-	-	-
Congenital anomalies of respiratory system (748)	31	25	5	4	1	-	-	-	-	-	-	-	-	-
Congenital anomalies of digestive system (749-751)	5	3	-	-	2	1	-	-	-	-	-	-	-	-
Congenital anomalies of genitourinary system (752-753)	13	11	1	-	1	-	-	1	1	-	-	-	-	-
Congenital anomalies of musculoskeletal system (754-756)	9	8	1	-	-	-	-	1	1	-	-	-	-	-
Down's syndrome (758.0)	19	12	1	-	5	1	1	3	3	-	-	-	-	-
Other chromosomal anomalies (758.1-758.9)	10	6	2	1	1	1	-	2	1	-	-	1	-	-
All other and unspecified congenital anomalies (744, 757, 759)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain conditions originating in the perinatal period (760-779)	249	177	55	49	10	7	7	26	22	2	-	2	-	-
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	4	3	-	-	-	1	1	1	1	-	-	-	-	-
Newborn affected by maternal complications of pregnancy (761)	35	29	6	6	-	-	-	1	1	-	-	-	-	-
Newborn affected by complications of placenta, cord, and membranes (762)	26	19	7	6	-	-	-	5	5	-	-	-	-	-
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)	54	33	21	21	-	-	-	4	3	1	-	-	-	-
Disorders relating to long gestation and high birthweight (766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma (767)	4	3	-	-	-	1	1	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia (768)	12	9	1	1	1	1	1	-	-	-	-	-	-	-
Fetal distress in liveborn infant (768.2-768.4)	2	1	-	-	1	-	-	-	-	-	-	-	-	-
Birth asphyxia (768.5-768.9)	10	8	1	1	-	1	1	-	-	-	-	-	-	-
Respiratory distress syndrome (769)	45	32	10	8	3	-	-	3	2	1	-	-	-	-
Other respiratory conditions of newborn (770)	33	24	6	4	2	1	1	6	4	-	-	2	-	-
Infections specific to the perinatal period (771)	14	10	1	1	2	1	1	-	-	-	-	-	-	-
Neonatal hemorrhage (772)	2	2	-	-	-	-	-	1	1	-	-	-	-	-
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1	-	-	-	-	1	1	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)	19	13	3	2	2	1	1	2	2	-	-	-	-	-
Symptoms, signs, and ill-defined conditions (780-799)	118	9	2	2	84	23	20	13	-	-	-	13	-	-
Sudden infant death syndrome (798.0)	116	8	2	2	83	23	20	12	-	-	-	12	-	-
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	2	1	-	-	1	-	-	1	-	-	-	1	-	-
Accidents and adverse effects (E800-E949)	16	1	-	-	12	3	3	3	-	-	-	3	-	-
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)	4	-	-	-	4	-	-	-	-	-	-	-	-	-
Other accidental causes and adverse effects (E800-E910, E914-E949)	11	1	-	-	7	3	3	2	-	-	-	2	-	-
Homicide (E960-E969)	12	1	1	1	7	3	3	2	-	-	-	2	-	-
Child battering and other maltreatment (E967)	3	-	-	-	3	-	-	-	-	-	-	-	-	-
Other homicide (E960-E966, E968-E969)	9	1	1	1	4	3	3	2	-	-	-	2	-	-
All other causes (Residual)	31	8	3	3	12	8	7	3	1	-	-	2	-	-

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Table 2-18. Infant Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1989—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 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	134	75	38	56	73	21	17	206	36	38	24	60	28	33	9	12	30	156	31	66
Alabama	-	1	-	-	-	1	-	-	-	-	-	14	1	-	1	-	-	-	-	1
Alaska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
Arkansas	-	-	-	-	-	2	-	-	-	-	-	-	4	-	-	-	-	-	-	-
California	1	-	-	-	-	-	1	1	1	3	-	-	-	-	-	6	-	2	-	-
Colorado	-	-	-	2	-	-	-	-	7	-	1	-	-	10	2	-	-	-	4	-
Connecticut	-	-	-	-	-	-	-	-	7	1	-	-	-	-	-	-	-	-	-	10
Delaware	-	-	-	-	-	-	-	6	1	-	-	-	-	-	-	-	-	7	-	-
District of Columbia	-	-	-	-	-	-	-	168	1	-	1	-	-	-	-	-	-	1	-	2
Florida	1	2	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Georgia	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Idaho	-	27	-	-	-	-	-	-	-	2	-	-	3	-	-	1	-	-	-	-
Illinois	20	-	1	-	3	-	-	-	-	8	-	-	-	-	-	-	-	-	-	1
Indiana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	14	-	-	1	-	2	-	-	-	-	1	-	4	-	4	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-	13	-	1	-	-	-	-	-
Kentucky	1	22	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	2	-	-	10	-	-	-	-	1	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Massachusetts	2	-	-	-	-	1	10	-	-	-	1	-	-	-	-	-	29	-	-	-
Michigan	1	4	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1
Minnesota	-	1	2	1	-	5	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missouri	82	-	4	47	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	24	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	6	-	2	-	-	-	-	-	-	-	-	-	-	2
New Jersey	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	7
New Mexico	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	1	-	-	-	1	2	1	-	-	-	-	-	-	-	43	-	-
North Carolina	-	-	-	-	-	1	-	3	-	-	-	-	-	-	-	-	-	1	-	1
North Dakota	-	-	-	-	-	-	-	-	-	-	14	-	-	6	-	-	-	-	-	-
Ohio	-	15	-	-	37	-	-	1	-	10	-	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	4	-	6	1	2	-	2	1	-	-	-	-	99	-	11
Pennsylvania	-	-	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
South Dakota	-	-	4	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-
Tennessee	-	1	-	-	20	1	-	-	-	1	-	33	1	-	-	-	-	1	-	-
Texas	1	1	-	-	-	2	-	-	-	1	-	1	-	-	-	-	-	1	20	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	4	-	-	1	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Virginia	1	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	1	-	3
Washington	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-
West Virginia	1	-	-	-	10	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	8	1	2	-	-	-	-	-	-	5	4	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-

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Table 2-19. Infant Deaths by Specified Hispanic Origin and Race for Non-Hispanic Origin: 47 Reporting States and the District of Columbia, 1989

[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	755	7	2	2	1	-	2	740	372	365	8
Alaska	107	1	1	-	-	-	-	104	51	5	2
Arizona	620	171	159	2	2	1	7	449	335	52	-
Arkansas	366	1	-	-	-	-	1	350	220	129	15
California	4,869	1,616	1,156	13	7	148	292	3,180	1,946	892	73
Colorado	461	89	31	2	-	2	54	371	318	44	1
Connecticut	433	22	8	9	-	1	4	112	81	30	299
Delaware	127	4	-	2	-	1	1	114	67	46	9
District of Columbia	270	5	1	1	-	1	2	259	23	236	6
Florida	1,900	250	60	30	43	36	81	1,638	948	677	12
Georgia	1,358	12	6	2	-	-	4	1,341	608	724	5
Hawaii	160	25	2	10	1	-	12	135	27	7	-
Idaho	154	17	14	1	1	-	1	136	129	1	1
Illinois	2,235	221	138	54	3	3	23	1,932	1,037	874	82
Indiana	855	16	15	1	-	-	-	821	650	168	18
Iowa	323	6	6	-	-	-	-	316	285	23	1
Kansas	341	13	8	1	1	-	3	305	247	50	23
Kentucky	494	2	1	-	-	-	1	472	388	81	20
Maine	129	1	-	-	-	-	1	107	104	-	21
Maryland	809	16	5	2	-	4	5	648	342	297	145
Massachusetts	704	65	1	50	1	10	3	629	485	128	10
Michigan	1,646	36	18	5	1	-	12	1,558	863	672	52
Minnesota	478	13	9	2	-	-	2	461	372	53	4
Mississippi	500	1	1	-	-	-	-	479	182	291	20
Missouri	771	4	3	-	-	-	1	762	534	221	5
Montana	132	7	3	-	-	-	4	115	83	-	10
Nebraska	192	9	9	-	-	-	-	182	146	26	1
Nevada	159	13	10	1	1	-	1	146	108	35	-
New Jersey	1,135	160	2	81	9	28	40	950	496	437	25
New Mexico	233	97	9	-	-	-	88	136	76	11	-
New York	3,094	439	11	165	2	32	229	2,349	1,261	1,037	306
North Carolina	1,156	13	9	-	1	2	1	1,135	577	532	8
North Dakota	77	1	1	-	-	-	-	71	56	1	5
Ohio	1,624	27	8	13	-	1	5	1,585	1,114	467	12
Oregon	368	26	22	1	-	-	3	341	303	22	1
Pennsylvania	1,714	67	2	47	2	1	15	1,642	1,048	570	5
Rhode Island	151	9	1	1	-	1	6	139	117	19	3
South Carolina	733	5	2	1	1	-	1	723	304	417	5
South Dakota	106	1	1	-	-	-	-	104	63	1	1
Tennessee	790	5	-	1	-	-	4	694	444	246	91
Texas	2,817	893	811	7	1	23	51	1,883	1,129	710	41
Utah	285	17	10	1	-	5	1	268	240	5	-
Vermont	59	-	-	-	-	-	-	49	49	-	10
Virginia	969	28	5	5	-	9	9	716	398	308	225
Washington	691	52	23	1	-	2	26	606	501	55	33
West Virginia	209	-	-	-	-	-	-	203	192	11	6
Wisconsin	652	17	13	2	1	1	-	635	498	116	-
Wyoming	65	6	3	-	-	-	3	59	57	-	-

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.

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Table 2-20. Infant, Neonatal, and Postneonatal Deaths and Mortality Rates, by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 43 Reporting States and the District of Columbia, 1989

[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	35,914	4,431	2,581	499	79	1,272	30,535	18,936	10,438	948
Neonatal	22,690	2,798	1,620	305	57	816	19,112	11,913	6,579	780
Postneonatal	13,224	1,633	961	194	22	456	11,423	7,023	3,859	168
Rate										
Infant	9.8	8.5	7.9	9.6	7.4	9.6	9.8	7.9	18.5	...
Neonatal	6.2	5.4	5.0	5.9	5.3	6.1	6.2	5.0	11.6	...
Postneonatal	3.6	3.1	2.9	3.7	2.1	3.4	3.7	2.9	6.8	...

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.

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Table 2-21. Infant Deaths from 61 Selected Causes, by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 43 Reporting States and the District of Columbia, 1989

[Numbers after causes 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	35,914	4,431	2,581	499	79	297	975	30,535	18,936	10,438	948
Certain intestinal infections (008-009)	84	12	4	-	-	3	5	67	24	39	5
Whooping cough (033)	7	3	3	-	-	-	-	4	3	1	-
Meningococcal infection (036)	50	14	8	2	-	-	4	35	21	11	1
Septicemia (038)	251	36	21	3	-	2	10	212	119	88	3
Viral diseases (045-079)	123	14	8	1	-	-	5	106	67	29	3
Congenital syphilis (090)	19	3	1	2	-	-	-	15	1	14	1
Remainder of infectious and parasitic diseases (001-007, 010-032, 034-035, 037, 039-041, *042-*044, 080-088, 091-139)	252	56	19	19	-	1	17	192	79	107	4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	98	12	8	2	-	-	2	84	69	15	2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	54	5	2	-	1	-	2	49	34	13	-
Diseases of thymus gland (254)	5	-	-	-	-	-	-	5	4	-	-
Cystic fibrosis (277.0)	13	2	1	-	-	1	-	10	7	3	1
Diseases of blood and blood-forming organs (280-289)	82	9	5	-	-	-	4	71	33	30	2
Meningitis (320-322)	207	33	23	2	-	1	7	172	84	74	2
Other diseases of nervous system and sense organs (323-389)	446	54	32	7	-	4	11	388	279	91	4
Acute upper respiratory infections (460-465)	32	5	4	-	-	1	-	26	21	4	1
Bronchitis and bronchiolitis (466,490-491)	91	10	6	-	-	2	2	79	40	31	2
Pneumonia and influenza (480-487)	564	84	57	6	1	3	17	474	281	167	6
Pneumonia (480-486)	554	83	56	6	1	3	17	465	273	166	6
Influenza (487)	10	1	1	-	-	-	-	9	8	1	-
Remainder of diseases of respiratory system (470-478,492-519)	359	51	31	4	1	6	9	301	163	124	7
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	74	9	8	-	-	-	1	65	43	18	-
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	90	18	12	2	-	1	3	67	26	40	5
Remainder of diseases of digestive system (520-534,536-543,562-579)	158	18	13	3	-	1	1	139	74	61	1
Congenital anomalies (740-759)	7,417	1,045	655	78	20	96	196	6,219	4,682	1,259	153
Anencephalus and similar anomalies (740)	427	102	76	7	-	4	15	314	252	48	11
Spina bifida (741)	68	15	11	-	-	3	1	52	45	5	1
Congenital hydrocephalus (742.3)	152	21	10	1	1	1	8	130	84	39	1
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	292	55	38	3	3	5	6	232	173	44	5
Congenital anomalies of heart (745-746)	2,317	310	188	18	5	36	63	1,966	1,483	395	41
Other congenital anomalies of circulatory system (747)	455	57	33	6	1	8	9	389	270	106	9
Congenital anomalies of respiratory system (748)	1,158	118	72	7	4	5	30	1,014	756	221	26
Congenital anomalies of digestive system (749-751)	101	13	7	2	-	-	4	85	63	19	3
Congenital anomalies of genitourinary system (752-753)	436	50	35	1	2	4	8	377	304	66	9
Congenital anomalies of musculoskeletal system (754-756)	493	50	31	8	1	4	6	427	326	81	16
Down's syndrome (758.0)	85	12	5	3	-	-	4	71	51	17	2
Other chromosomal anomalies (758.1-758.9)	819	142	93	12	2	13	22	666	507	117	11
All other and unspecified congenital anomalies (744,757,759)	614	100	56	10	1	13	20	496	368	101	18
Certain conditions originating in the perinatal period (760-779)	16,656	1,982	1,105	245	39	119	474	14,069	7,997	5,659	605
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	184	17	6	3	-	2	6	156	77	72	11
Newborn affected by maternal complications of pregnancy (761)	1,386	131	71	14	2	9	35	1,201	742	433	54
Newborn affected by complications of placenta, cord, and membranes (762)	890	88	62	9	-	5	12	782	524	237	20
Newborn affected by other complications of labor and delivery (763)	59	3	1	-	-	2	-	53	32	18	3
Slow fetal growth and fetal malnutrition (764)	29	5	1	1	-	2	1	23	15	7	1
Disorders relating to short gestation and unspecified low birthweight (765)	3,460	380	181	60	12	17	110	2,927	1,348	1,512	153
Disorders relating to long gestation and high birthweight (766)	1	-	-	-	-	-	-	1	1	-	-
Birth trauma (767)	197	28	17	3	-	4	4	165	105	55	4
Intrauterine hypoxia and birth asphyxia (768)	693	80	48	11	4	-	17	561	347	185	22
Fetal distress in liveborn infant (768.2-768.4)	182	20	9	5	1	-	5	156	104	42	6
Birth asphyxia (768.5-768.9)	481	60	39	6	3	-	12	405	243	143	16
Respiratory distress syndrome (769)	3,314	437	258	56	5	25	93	2,798	1,736	988	79
Other respiratory conditions of newborn (770)	3,021	361	205	42	5	29	80	2,556	1,446	1,026	104
Infections specific to the perinatal period (771)	782	97	57	5	3	7	25	662	408	235	23
Neonatal hemorrhage (772)	241	37	24	3	1	1	8	195	112	77	9
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	35	4	1	-	1	-	2	30	16	14	1
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)	9	4	2	-	-	1	1	5	4	1	-
Hemorrhagic disease of newborn (776.0)	3	-	-	-	-	-	-	2	-	2	1
All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)	2,382	310	171	38	6	15	80	1,952	1,084	797	120
Symptoms, signs, and ill-defined conditions (780-799)	6,097	636	362	84	9	36	145	5,370	3,374	1,757	91
Sudden infant death syndrome (798.0)	5,202	491	309	48	7	24	103	4,649	3,022	1,423	62
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	895	145	53	36	2	12	42	721	352	334	29
Accidents and adverse effects (E800-E949)	906	103	68	10	5	4	16	791	476	276	12
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	145	18	13	1	-	2	2	126	74	47	1
Accidental mechanical suffocation (E913)	224	18	11	3	1	1	2	205	113	82	1
Other accidental causes and adverse effects (E800-E910,E914-E949)	537	67	44	6	4	1	12	460	289	147	10
Homicide (E960-E969)	311	35	20	5	2	-	8	262	123	126	14
Child battering and other maltreatment (E967)	117	18	9	4	-	-	5	98	48	45	1
Other homicide (E960-E966,E968-E969)	194	17	11	1	2	-	3	164	75	81	13
All other causes (Residual)	1,468	182	105	24	1	16	36	1,263	812	401	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.

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Table 2-22. Infant Mortality Rates for 61 Selected Causes, by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 43 Reporting States and the District of Columbia, 1989

[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	980.3	849.2	791.4	962.1	740.5	955.6	984.7	795.0	1,847.6
Certain intestinal infections (008-009)	2.3	*	*	*	*	*	2.2	1.0	6.9
Whooping cough (033)	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)	1.4	*	*	*	*	*	1.1	.9	*
Septicemia (038)	6.9	6.9	6.4	*	*	*	6.8	5.0	15.6
Viral diseases (045-079)	3.4	*	*	*	*	*	3.4	2.8	5.1
Congenital syphilis (090)	*	*	*	*	*	*	*	*	*
Remainder of infectious and parasitic diseases (001-007, 010-032,034-035,037,039-041,*042-*044,080-088,091-139)	6.9	10.7	*	*	*	*	6.2	3.3	18.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2.7	*	*	*	*	*	2.7	2.9	*
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	1.5	*	*	*	*	*	1.6	1.4	*
Diseases of thymus gland (254)	*	*	*	*	*	*	*	*	*
Cystic fibrosis (277.0)	*	*	*	*	*	*	*	*	*
Diseases of blood and blood-forming organs (280-289)	2.2	*	*	*	*	*	2.3	1.4	5.3
Meningitis (320-322)	5.6	6.3	7.1	*	*	*	5.5	3.5	13.1
Other diseases of nervous system and sense organs (323-389)	12.2	10.3	9.8	*	*	*	12.5	11.7	16.1
Acute upper respiratory infections (460-465) .....	.9	*	*	*	*	*	.8	.9	*
Bronchitis and bronchiolitis (466,490-491)	2.5	*	*	*	*	*	2.5	1.7	5.5
Pneumonia and influenza (480-487)	15.4	16.1	17.5	*	*	15.0	15.3	11.8	29.6
Pneumonia (480-486)	15.1	15.9	17.2	*	*	15.0	15.0	11.5	29.4
Influenza (487)	*	*	*	*	*	*	*	*	*
Remainder of diseases of respiratory system (470-478,492-519)	9.8	9.8	9.5	*	*	*	9.7	6.8	21.9
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	2.0	*	*	*	*	*	2.1	1.8	*
Gastritis,duodenitis, and noninfective enteritis and colitis (535,555-558)	2.5	*	*	*	*	*	2.2	1.1	7.1
Remainder of diseases of digestive system (520-534,536-543,562-579)	4.3	*	*	*	*	*	4.5	3.1	10.8
Congenital anomalies (740-759)	202.4	200.3	200.8	150.4	187.5	219.4	200.5	196.6	222.8
Anencephalus and similar anomalies (740)	11.7	19.5	23.3	*	*	*	10.1	10.6	8.5
Spina bifida (741)	1.9	*	*	*	*	*	1.7	1.9	*
Congenital hydrocephalus (742.3)	4.1	4.0	*	*	*	*	4.2	3.5	6.9
Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	8.0	10.5	11.7	*	*	*	7.5	7.3	7.8
Congenital anomalies of heart (745-746)	63.2	59.4	57.6	*	*	74.4	63.4	62.3	69.9
Other congenital anomalies of circulatory system (747)	12.4	10.9	10.1	*	*	*	12.5	11.3	18.8
Congenital anomalies of respiratory system (748)	31.6	22.6	22.1	*	*	26.3	32.7	31.7	39.1
Congenital anomalies of digestive system (749-751)	2.8	*	*	*	*	*	2.7	2.6	*
Congenital anomalies of genitourinary system (752-753)	11.9	9.6	10.7	*	*	*	12.2	12.8	11.7
Congenital anomalies of musculoskeletal system (754-756)	13.5	9.6	9.5	*	*	*	13.8	13.7	14.3
Down's syndrome (758.0)	2.3	*	*	*	*	*	2.3	2.1	*
Other chromosomal anomalies (758.1-758.9)	22.4	27.2	28.5	*	*	26.3	21.5	21.3	20.7
All other and unspecified congenital anomalies (744,757,759)	16.8	19.2	17.2	*	*	24.8	16.0	15.4	17.9
Certain conditions originating in the perinatal period (760-779)	454.6	379.8	338.8	472.4	365.5	445.5	453.7	335.7	1,001.7
Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)	5.0	*	*	*	*	*	5.0	3.2	12.7
Newborn affected by maternal complications of pregnancy (761)	37.8	25.1	21.8	*	*	33.1	38.7	31.2	76.6
Newborn affected by complications of placenta, cord, and membranes (762)	24.3	16.9	19.0	*	*	*	25.2	22.0	41.9
Newborn affected by other complications of labor and delivery (763)	1.6	*	*	*	*	*	1.7	1.3	*
Slow fetal growth and fetal malnutrition (764) .....	.8	*	*	*	*	*	.7	*	*
Disorders relating to short gestation and unspecified low birthweight (765)	94.4	72.8	55.5	115.7	*	95.4	94.4	56.6	267.6
Disorders relating to long gestation and high birthweight (766)	*	*	*	*	*	*	*	*	*
Birth trauma (767)	5.4	5.4	*	*	*	*	5.3	4.4	9.7
Intrauterine hypoxia and birth asphyxia (768)	18.1	15.3	14.7	*	*	*	18.1	14.6	32.7
Fetal distress in liveborn infant (768.2-768.4)	5.0	3.8	*	*	*	*	5.0	4.4	7.4
Birth asphyxia (768.5-768.9)	13.1	11.5	12.0	*	*	*	13.1	10.2	25.3
Respiratory distress syndrome (769)	90.5	83.7	79.1	108.0	*	88.6	90.2	72.9	174.9
Other respiratory conditions of newborn (770)	82.5	69.2	62.9	81.0	*	81.9	82.4	60.7	181.6
Infections specific to the perinatal period (771)	21.3	18.6	17.5	*	*	24.0	21.3	17.1	41.6
Neonatal hemorrhage (772)	6.6	7.1	7.4	*	*	*	6.3	4.7	13.6
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)	1.0	*	*	*	*	*	1.0	*	*
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)	65.0	59.4	52.4	73.3	*	71.4	62.9	45.5	141.1
Symptoms, signs, and ill-defined conditions (780-799)	166.4	121.9	111.0	161.9	*	136.0	173.2	141.6	311.0
Sudden infant death syndrome (798.0)	142.0	94.1	94.7	92.5	*	95.4	149.9	126.9	251.9
Symptoms, signs, and all other ill-defined conditions (780-797, 798.1-799)	24.4	27.8	16.3	69.4	*	40.6	23.2	14.8	59.1
Accidents and adverse effects (E800-E949)	24.7	19.7	20.8	*	*	15.0	25.5	20.0	48.9
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)	4.0	*	*	*	*	*	4.1	3.1	8.3
Accidental mechanical suffocation (E913)	6.1	*	*	*	*	*	6.6	4.7	14.5
Other accidental causes and adverse effects (E800-E910,E914-E949)	14.7	12.8	13.5	*	*	*	14.8	12.1	26.0
Homicide (E960-E969)	8.5	6.7	6.1	*	*	*	8.4	5.2	22.3
Child battering and other maltreatment (E967)	3.2	*	*	*	*	*	3.2	2.0	8.0
Other homicide (E960-E966,E968-E969)	5.3	*	*	*	*	*	5.3	3.1	14.3
All other causes (Residual)	40.1	34.9	32.2	46.3	*	39.1	40.7	34.1	71.0

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.

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Table 2-23. 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 43 Reporting States and the District of Columbia, 1989

[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)	119	33	4	15	-	14	81	21	60	5
Male	53	16	2	7	-	7	34	9	25	3
Female	66	17	2	8	-	7	47	12	35	2
Human immunodeficiency virus infection with specified conditions (*042)	112	30	4	12	-	14	77	20	57	5
Male	51	14	2	5	-	7	34	9	25	3
Female	61	16	2	7	-	7	43	11	32	2
Human immunodeficiency virus infection causing other specified conditions (*043)	1	1	-	1	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-
Female	1	1	-	1	-	-	-	-	-	-
Other human immunodeficiency virus infection (*044)	6	2	-	2	-	-	4	1	3	-
Male	2	2	-	-	-	-	-	-	-	-
Female	4	-	-	-	-	-	4	1	3	-
Rate										
Human immunodeficiency virus infection (*042-*044)	3.2	6.3	*	*	*	*	2.6	0.9	10.6	...
Male	2.8	*	*	*	*	*	2.1	*	8.7	...
Female	3.7	*	*	*	*	*	3.1	*	12.6	...
Human immunodeficiency virus infection with specified conditions (*042)	3.1	5.7	*	*	*	*	2.5	.8	10.1	...
Male	2.7	*	*	*	*	*	2.1	*	8.7	...
Female	3.4	*	*	*	*	*	2.8	*	11.5	...
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.

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Table 2-24. Infant Deaths and Mortality Rates for Human Immunodeficiency Virus Infection and 3-Digit Subcategories, by Race and Sex: United States, 1989

[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)	120	54	66	52	27	25	68	27	41
Human immunodeficiency virus infection with specified conditions (*042)	113	52	61	48	25	23	65	27	38
Human immunodeficiency virus infection causing other specified conditions (*043)	1	-	1	1	-	1	-	-	-
Other human immunodeficiency virus infection (*044)	6	2	4	3	2	1	3	-	3
	Rate								
Human immunodeficiency virus infection (*042-*044)	3.0	2.6	3.3	1.6	1.6	1.6	10.1	7.9	12.4
Human immunodeficiency virus infection with specified conditions (*042)	2.8	2.5	3.1	1.5	1.5	1.5	9.7	7.9	11.5
Human immunodeficiency virus infection causing other specified conditions (*043) .....	.	.	.	.	.	.	.	.	.
Other human immunodeficiency virus infection (*044)

¹ Includes races other than white and black.

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Table 3-1. Fetal Deaths by Period of Gestation and State of Occurrence: United States and Each State, 1989

[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														Not stated
				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	
United States	61,295	± 30,786	± 30,509	643	6,207	12,197	6,345	3,609	6,963	4,509	3,802	4,244	1,279	4,172	1,359	853	1,020	4,093
Alabama	636	21	615	-	-	-	-	21	178	109	89	76	26	82	19	8	24	4
Alaska	55	1	54	-	-	-	-	1	17	6	7	7	2	5	1	3	1	5
Arizona	381	10	371	-	-	-	1	9	71	51	52	58	16	64	26	15	14	4
Arkansas	264	5	259	-	-	-	-	5	54	34	38	48	10	41	12	12	6	4
California	3,922	70	3,852	-	1	2	2	65	569	494	451	533	177	575	167	118	149	619
Colorado ²	396	9	387	1	-	-	1	7	92	58	59	46	15	59	23	11	22	2
Connecticut	375	12	363	1	-	-	-	11	69	35	34	41	8	32	10	5	3	126
Delaware	86	1	85	-	-	-	-	1	11	16	13	9	6	8	5	2	2	13
District of Columbia	274	4	270	-	-	-	-	4	48	34	25	42	11	26	6	6	6	66
Florida	1,656	27	1,629	-	-	-	2	25	361	249	237	237	85	222	48	44	43	103
Georgia	8,211	6,969	1,242	174	1,428	2,789	1,422	682	441	199	141	162	41	137	41	28	40	486
Hawaii	1,500	1,364	136	26	270	553	310	92	51	22	17	17	5	13	5	2	4	113
Idaho	106	3	103	-	-	-	-	3	26	17	13	18	5	11	5	5	3	-
Illinois	1,469	53	1,416	-	1	-	3	49	272	206	205	237	76	196	55	51	48	70
Indiana	627	10	617	-	-	-	1	9	112	93	73	99	22	105	31	27	30	25
Iowa	255	5	250	-	-	-	2	3	51	48	28	33	15	34	15	6	13	7
Kansas	245	6	239	-	-	-	1	5	55	44	29	31	11	38	8	3	17	3
Kentucky	442	21	421	-	-	-	1	20	101	67	56	57	14	68	19	17	11	11
Louisiana	633	20	613	-	-	1	2	17	96	98	77	82	22	78	26	14	18	102
Maine	100	3	97	-	1	-	1	1	17	14	15	11	2	9	4	5	2	18
Maryland ⁴	476	13	463	-	-	-	-	13	61	51	39	37	13	44	8	8	8	194
Massachusetts	564	11	553	1	-	-	-	10	148	65	67	93	19	85	41	19	14	2
Michigan	889	39	850	-	-	-	4	35	222	133	109	122	48	126	32	24	24	10
Minnesota	441	21	420	-	-	1	1	19	86	42	46	56	18	54	19	10	14	75
Mississippi	421	14	407	-	-	-	2	12	118	70	65	56	15	42	19	11	9	2
Missouri	525	9	516	-	-	-	2	7	117	82	73	63	26	78	32	16	20	9
Montana	75	2	73	-	-	-	-	2	15	8	14	10	5	12	3	2	2	2
Nebraska	161	2	159	-	-	-	-	2	25	26	20	25	11	22	5	3	7	15
Nevada	186	12	174	-	-	-	1	11	41	30	24	24	8	22	10	3	8	4
New Hampshire	112	2	110	-	-	-	-	2	31	10	15	13	11	11	7	5	6	1
New Jersey	953	43	910	-	-	-	5	38	150	97	96	93	18	74	31	21	22	308
New Mexico	118	3	115	-	-	-	-	3	15	12	15	22	3	22	11	5	5	5
New York	16,082	13,117	2,965	229	2,670	5,432	2,820	1,280	995	506	331	354	109	324	123	66	79	764
New York excluding New York City	11,169	9,926	1,243	180	2,111	4,231	2,180	756	411	196	134	142	54	142	55	35	35	507
New York City	4,913	3,191	1,722	49	559	1,201	640	524	584	310	197	212	55	182	68	31	44	257
North Carolina	906	21	885	-	-	-	-	21	215	157	126	115	37	121	52	20	30	12
North Dakota	75	1	74	-	-	-	-	1	8	13	13	11	1	16	7	2	1	2
Ohio	1,170	24	1,146	-	-	-	2	22	236	190	167	160	52	184	53	45	51	8
Oklahoma	390	6	384	-	-	-	-	6	47	27	38	39	12	40	8	8	13	152
Oregon	236	4	232	-	-	-	-	4	50	33	31	32	14	37	10	4	16	5
Pennsylvania	1,942	435	1,507	-	3	3	15	414	481	201	145	200	61	188	68	40	37	86
Rhode Island	1,199	1,070	129	15	236	495	233	73	37	19	19	15	4	25	6	-	3	19
South Carolina	614	32	582	1	-	-	3	28	151	95	83	94	19	74	27	12	15	12
South Dakota	76	1	75	-	-	-	-	1	14	10	9	13	2	15	3	4	5	-
Tennessee	464	10	454	-	-	-	1	9	40	61	74	107	25	79	32	9	21	6
Texas	2,166	67	2,099	-	-	-	7	60	371	327	257	349	85	346	122	62	90	90
Utah	236	9	227	-	-	-	-	9	52	35	27	36	10	35	16	10	4	2
Vermont	49	3	46	-	-	-	-	3	18	6	4	4	2	6	3	1	1	1
Virginia	8,039	7,183	856	195	1,597	2,921	1,500	476	329	130	78	100	33	99	38	21	21	501
Washington	381	6	375	-	-	-	-	6	72	63	58	47	19	57	15	8	13	23
West Virginia	180	-	180	-	-	-	-	-	35	31	28	25	7	31	9	8	6	-
Wisconsin	485	11	474	-	-	-	-	11	86	83	65	71	19	92	18	22	16	2
Wyoming	51	1	50	-	-	-	-	1	5	2	7	14	4	8	5	2	3	-

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.
⁴ Underreporting of fetal deaths may have occurred; see Technical Appendix.

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Table 3-2. Fetal Deaths, Fetal Mortality Rates and Ratios by Race, United States: 1942-89

[Fetal deaths for 1969-89 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												
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												
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.

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Table 3-3. Fetal Deaths and Fetal Mortality Rates, by Marital Status, Age and Race of Mother: Total of 42 Reporting States and the District of Columbia, 1989.

[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	18,520	10,612	6,836	7.6	6.3	11.1
Under 15 years	121	3	115	16.6	*	17.0
15-19 years	2,892	680	2,066	9.1	7.1	10.1
20-24 years	4,991	2,524	2,204	7.6	6.2	10.1
25-29 years	5,084	3,458	1,321	6.7	5.8	11.5
30-34 years	3,503	2,540	748	7.1	6.2	14.1
35-39 years	1,579	1,162	303	9.4	8.5	16.9
40 years and over	350	245	79	13.9	12.3	23.9
White	12,130	8,709	2,752	6.4	5.9	8.7
Under 15 years	36	3	31	15.2	*	15.8
15-19 years	1,564	603	886	7.7	7.0	8.4
20-24 years	3,078	2,067	861	6.2	5.8	7.7
25-29 years	3,571	2,829	539	5.7	5.3	9.2
30-34 years	2,492	2,060	291	6.0	5.6	10.7
35-39 years	1,143	952	110	8.2	7.9	11.5
40 years and over	246	195	34	12.2	11.5	17.6
Black	5,833	1,565	3,899	13.3	11.6	14.2
Under 15 years	84	-	83	17.8	*	17.9
15-19 years	1,270	64	1,137	12.3	10.1	12.4
20-24 years	1,772	387	1,281	12.4	10.3	13.2
25-29 years	1,357	519	745	13.0	11.1	14.6
30-34 years	891	391	436	15.3	12.8	18.7
35-39 years	372	165	176	18.7	15.1	24.3
40 years and over	87	39	41	26.1	19.7	37.2

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.

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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: 1989
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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	30,469	11,460	16,706	3,799	4,236	1,279	4,165	1,356	852	1,019	2,303	7.5
White	20,520	7,213	11,860	2,453	2,894	908	3,105	1,044	655	801	1,447	6.4
Black	8,938	3,922	4,236	1,228	1,184	317	896	266	166	179	780	13.1
Urban places	18,879	7,142	10,136	2,405	2,593	768	2,479	801	493	597	1,601	7.8
White	11,358	3,923	6,506	1,363	1,604	494	1,690	577	345	433	929	6.4
Black	6,862	2,999	3,243	963	889	241	687	196	128	139	620	12.9
Balance of area	11,590	4,318	6,570	1,394	1,643	511	1,686	555	359	422	702	7.1
White	9,162	3,290	5,354	1,090	1,290	414	1,415	467	310	368	518	6.4
Black	2,076	923	993	265	295	76	209	70	38	40	160	13.8
Metropolitan counties	23,818	8,988	12,877	2,977	3,278	973	3,215	1,030	641	763	1,953	7.4
White	15,596	5,493	8,922	1,861	2,183	671	2,356	782	486	583	1,181	6.3
Black	7,451	3,243	3,493	1,033	967	263	736	213	130	151	715	13.0
Urban places	17,355	6,567	9,290	2,208	2,374	702	2,280	731	450	545	1,498	7.8
White	10,301	3,561	5,863	1,240	1,440	444	1,541	518	313	387	857	6.4
Black	6,433	2,799	3,038	896	837	225	641	185	119	135	596	12.9
Balance of area	6,463	2,421	3,587	769	904	271	935	299	191	218	455	6.7
White	5,295	1,932	3,039	621	743	227	815	264	173	196	324	6.1
Black	1,018	444	455	137	130	38	95	28	11	16	119	13.8
Nonmetropolitan counties	6,651	2,472	3,829	822	958	306	950	326	211	256	350	7.7
White	4,924	1,720	2,938	592	711	237	749	262	169	218	266	6.8
Black	1,467	679	743	195	217	54	160	53	36	28	65	13.7
Urban places	1,524	575	846	197	219	66	199	70	43	52	103	7.9
White	1,057	362	623	123	164	50	149	59	32	46	72	6.8
Black	429	209	223	67	52	16	46	9	4	4	24	13.6
Balance of area	5,127	1,897	2,983	625	739	240	751	256	168	204	247	7.6
White	3,867	1,358	2,315	469	547	187	600	203	137	172	194	6.8
Black	1,058	479	538	128	165	38	114	42	27	24	41	13.8
New England	1,287	464	678	152	178	46	169	70	34	29	145	6.4
White	1,063	360	586	130	147	41	149	62	32	25	117	5.9
Black	199	100	73	17	24	4	18	5	2	3	26	12.2
Metropolitan counties	1,121	392	591	132	163	38	148	57	29	24	138	6.5
White	901	291	500	111	132	33	128	49	27	20	110	6.0
Black	197	98	73	17	24	4	18	5	2	3	26	12.3
Nonmetropolitan counties	166	72	87	20	15	8	21	13	5	5	7	5.9
White	162	69	86	19	15	8	21	13	5	5	7	5.9
Black	2	2	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	5,399	2,429	2,490	577	649	188	589	221	127	139	480	9.2
White	3,507	1,488	1,713	359	433	125	417	166	107	106	306	7.7
Black	1,789	898	721	209	198	59	156	50	18	31	170	15.7
Metropolitan counties	4,864	2,197	2,239	533	581	168	527	196	107	127	428	9.3
White	2,990	1,262	1,472	317	368	107	356	142	88	94	256	7.6
Black	1,773	893	712	208	195	57	155	49	17	31	168	15.7
Nonmetropolitan counties	535	232	251	44	68	20	62	25	20	12	52	8.3
White	517	226	241	41	65	18	61	24	19	12	50	8.3
Black	16	5	9	1	3	2	1	1	1	-	2	-
East North Central	4,545	1,652	2,775	625	694	218	704	192	173	169	118	6.9
White	3,213	1,101	2,041	429	485	157	554	147	129	140	71	6.0
Black	1,277	530	701	192	201	54	144	44	40	26	46	11.0
Metropolitan counties	3,759	1,408	2,252	527	577	176	565	150	135	122	99	7.0
White	2,467	874	1,538	336	372	117	422	106	91	94	55	6.0
Black	1,247	517	687	187	197	54	140	43	40	26	43	11.0
Nonmetropolitan counties	786	244	523	98	117	42	139	42	38	47	19	6.2
White	746	227	503	93	113	40	132	41	38	46	16	6.1
Black	30	13	14	5	4	-	4	1	-	-	3	13.3
West North Central	1,687	591	986	214	230	84	253	88	43	74	110	6.3
White	1,378	461	820	169	189	70	217	81	35	59	97	5.8
Black	239	108	122	39	32	9	25	4	5	8	9	11.2
Metropolitan counties	952	356	525	112	125	46	142	47	21	32	71	5.9
White	716	253	404	72	97	37	119	41	15	23	59	5.2
Black	210	94	107	38	26	8	20	4	4	7	9	10.9
Nonmetropolitan counties	735	235	461	102	105	38	111	41	22	42	39	6.8
White	662	208	416	97	92	33	98	40	20	36	38	6.5
Black	29	14	15	1	6	1	5	-	1	1	-	13.4
South Atlantic	6,169	2,607	3,150	766	817	251	762	235	148	171	412	9.0
White	3,200	1,262	1,788	374	444	136	468	147	98	121	150	6.7
Black	2,884	1,315	1,313	384	363	110	276	84	47	49	266	14.5
Metropolitan counties	4,356	1,810	2,185	544	566	173	530	155	102	115	361	8.6
White	2,205	855	1,225	256	300	94	327	100	67	83	125	6.4
Black	2,091	933	928	282	260	78	190	53	32	33	230	14.2
Nonmetropolitan counties	1,813	797	965	222	251	78	232	80	46	56	51	9.9
White	995	407	563	118	144	42	141	47	31	40	25	7.8
Black	793	392	385	102	103	32	86	31	15	16	26	15.2

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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: 1989—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. 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	1,887	746	1,118	277	290	81	270	91	44	65	23	8.1
White	1,071	364	693	146	174	57	184	65	28	39	14	6.4
Black	802	379	414	128	114	24	82	25	16	25	9	12.2
Metropolitan counties	947	381	558	142	144	38	132	52	17	33	8	7.4
White	526	187	334	74	86	25	86	35	6	17	5	5.9
Black	415	192	220	67	58	13	45	16	6	15	3	11.1
Nonmetropolitan counties	940	365	560	135	146	43	138	39	27	32	15	8.9
White	545	177	359	72	88	32	98	30	17	22	9	7.1
Black	387	187	194	61	56	11	37	9	10	10	6	13.8
West South Central	3,346	1,052	1,949	415	520	127	500	165	95	127	345	7.2
White	2,276	705	1,373	257	351	87	376	133	66	103	198	6.2
Black	973	325	521	146	156	37	107	28	25	22	127	11.1
Metropolitan counties	2,569	831	1,508	328	395	96	390	124	71	104	230	7.2
White	1,734	555	1,057	195	268	64	294	102	53	81	122	6.2
Black	764	258	407	123	116	30	82	19	16	21	99	11.4
Nonmetropolitan counties	777	221	441	87	125	31	110	41	24	23	115	7.0
White	542	150	316	62	83	23	82	31	13	22	76	6.2
Black	209	67	114	23	40	7	25	9	9	1	28	10.3
Mountain	1,501	533	950	214	220	68	234	98	54	62	18	6.3
White	1,281	452	815	175	191	61	200	84	51	53	14	6.0
Black	101	45	56	19	13	2	12	6	1	3	-	12.4
Metropolitan counties	997	370	620	148	143	42	147	65	36	39	7	6.2
White	860	308	545	126	128	38	126	58	35	34	7	5.9
Black	90	42	48	18	9	2	11	4	1	3	-	12.2
Nonmetropolitan counties	504	163	330	66	77	26	87	33	18	23	11	6.4
White	421	144	270	49	63	23	74	26	16	19	7	6.3
Black	11	3	8	1	4	-	1	2	-	-	-	*
Pacific	4,648	1,386	2,610	559	638	216	684	196	134	183	652	6.4
White	3,531	1,020	2,031	414	480	174	540	159	109	155	480	6.0
Black	874	222	315	94	83	18	76	20	12	12	137	12.5
Metropolitan counties	4,253	1,243	2,399	511	584	196	634	184	123	167	611	6.5
White	3,197	908	1,847	374	432	156	498	149	99	139	442	6.0
Black	664	216	311	93	82	17	75	20	12	12	137	12.5
Nonmetropolitan counties	395	143	211	48	54	20	50	12	11	16	41	6.2
White	334	112	184	40	48	18	42	10	10	16	38	6.2
Black	10	6	4	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.

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Table 3-5. Fetal Mortality Rates by Race: United States, Each Division and State, 1986-89

[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	1989				1989				1988				1987				1986			
	Race of mother ¹				Race of fetus ²				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	
			Total	Black			Total	Black			Total	Black			Total	Black			Total	Black
United States	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	7.7	6.7	11.1	12.5
Geographic divisions:																				
New England	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	6.4	6.0	10.1	11.4
Middle Atlantic	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	9.0	8.1	12.2	13.3
East North Central	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	6.8	6.0	10.2	10.6
West North Central	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	6.3	6.0	8.6	10.0
South Atlantic	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	9.4	7.5	13.5	14.1
East South Central	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	9.2	7.2	14.1	14.4
West South Central	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	7.4	6.6	10.2	11.0
Mountain	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	6.6	6.4	7.9	10.4
Pacific	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	6.8	6.4	8.1	11.2
New England:																				
Maine	5.6	5.7	*	*	5.6	5.5	*	*	6.7	6.1	*	*	5.7	5.6	*	*	5.9	5.9	*	*
New Hampshire	6.9	6.7	*	*	6.9	6.6	*	*	6.0	5.9	*	*	6.2	6.1	*	*	5.2	5.2	*	*
Vermont	5.0	5.1	*	*	5.0	5.1	*	*	5.9	6.0	*	*	6.1	6.2	*	*	5.4	5.4	*	*
Massachusetts	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	6.7	6.4	9.2	10.8
Rhode Island	8.4	8.0	*	*	8.4	8.1	10.2	*	6.8	6.5	*	*	6.3	5.9	*	*	7.9	7.5	*	*
Connecticut	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	6.3	5.4	11.8	12.3
Middle Atlantic:																				
New York	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	9.6	8.6	12.4	13.6
New Jersey	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	8.0	7.0	11.3	12.3
Pennsylvania	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	8.8	8.0	12.6	13.5
East North Central:																				
Ohio	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	7.1	6.6	10.0	10.0
Indiana	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	7.5	6.8	12.8	13.4
Illinois	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	7.5	6.3	11.2	11.4
Michigan	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	5.3	4.7	7.6	8.1
Wisconsin	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	6.4	5.8	10.8	13.3
West North Central:																				
Minnesota	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	6.0	6.1	5.2	*
Iowa	6.3	6.0	13.0	*	6.3	5.9	13.9	15.6	6.6	6.6	*	*	6.4	6.2	*	*	6.0	5.8	*	*
Missouri	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	6.2	5.6	9.5	10.0
North Dakota	6.1	6.3	*	*	6.1	6.5	*	*	6.7	5.9	*	*	5.9	5.9	*	*	6.8	6.4	*	*
South Dakota ³	6.4	5.6	*	*	6.4	5.6	9.5	*	6.5	6.1	*	*	6.5	5.8	9.8	*	6.3	6.2	*	*
Nebraska	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	7.3	6.8	12.8	14.8
Kansas	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	6.2	5.9	8.3	10.3
South Atlantic:																				
Delaware	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	8.0	6.3	12.8	13.1
Maryland	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	8.2	6.5	11.6	12.3
District of Columbia	13.5	*	14.8	16.0	13.5	*	14.7	15.9	12.6	*	13.0	14.0	12.0	*	12.4	13.5	12.5	*	13.9	14.5
Virginia	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	10.7	9.1	14.9	16.1
West Virginia	8.5	8.4	*	*	8.5	8.4	*	*	7.4	7.1	*	*	7.9	7.6	*	*	7.9	8.1	*	*
North Carolina	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	8.6	7.1	12.0	12.5
South Carolina	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	10.0	7.3	14.0	14.2
Georgia	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	11.1	8.8	15.3	15.6
Florida	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	8.4	6.7	13.4	13.8
East South Central:																				
Kentucky	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	7.9	7.3	13.5	14.1
Tennessee ³	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	7.0	6.0	10.4	10.6
Alabama	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	11.1	8.7	15.6	16.0
Mississippi	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	11.3	7.3	15.8	15.7
West South Central:																				
Arkansas	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	8.0	7.1	11.1	11.2
Louisiana	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	8.3	6.2	11.4	11.9
Oklahoma	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	7.7	7.5	8.5	11.0
Texas	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	7.0	6.5	9.7	10.3
Mountain:																				
Montana	7.1	6.4	*	*	7.1	6.5	*	*	7.6	7.0	*	*	7.7	7.7	*	*	7.4	6.7	12.3	*
Idaho	7.1	7.1	*	*	7.1	7.1	*	*	6.2	6.1	*	*	6.2	6.0	*	*	6.7	6.6	*	*
Wyoming	7.6	7.1	*	*	7.6	7.1	*	*	6.9	7.3	*	*	7.4	7.0	*	*	6.8	6.8	*	*
Colorado	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	7.8	7.6	9.4	11.5
New Mexico ³	4.2	3.9	5.5	*	4.2	3.9	5.5	*	5.7	5.3	7.3	*	4.6	4.5	5.2	*	4.3	4.3	4.4	*
Arizona	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	*	6.1	5.8	7.7	9.5
Utah	6.1	6.2	*	*	6.1	6.1	*	*	5.0	5.0	*	*	6.9	6.9	*	*	6.3	6.2	*	*
Nevada	8.5	7.6	13.9																	

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Table 3-6. Fetal Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1989—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	59	34	19	15	26	6	3	109	14	13	18	24	23	11	7	4	20	64	9	45
Alabama	-	-	-	-	-	1	-	-	-	-	-	4	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Arizona	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-	-	-	-	-
Arkansas	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-
California	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	3	-
Connecticut	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	11
Delaware	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	1
District of Columbia	-	-	-	-	1	-	-	90	-	-	-	-	-	-	-	-	-	-	-	1
Florida	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1
Georgia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Illinois	13	13	-	-	4	-	-	-	-	-	-	-	6	-	-	1	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
Iowa	13	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-
Kentucky	3	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	1	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	1
Maine	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Maryland ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	17	-	-	3
Michigan	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota	1	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missouri	19	1	-	12	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
New Mexico ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	36	-	-
North Carolina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2
North Dakota	-	-	-	-	-	-	-	-	-	-	12	-	-	4	-	-	-	-	-	-
Ohio	2	7	-	-	9	-	-	-	-	4	-	-	-	-	-	-	-	1	-	2
Oklahoma	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Oregon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	-	4	-	1	-	-	-	-	-	-	-	22	1	6
Rhode Island	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
South Dakota ²	-	-	2	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	1
Tennessee ²	-	-	-	-	8	-	-	-	-	-	-	13	1	-	-	-	-	-	-	-
Texas	1	1	-	-	-	1	-	-	-	-	-	-	-	2	-	1	-	-	2	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	6
Virginia	-	-	-	-	1	-	-	11	-	1	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
West Virginia	-	-	-	-	2	-	-	1	-	-	-	-	2	-	-	-	-	-	-	-
Wisconsin	3	-	4	-	-	-	-	-	-	2	3	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-

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Table 3-6. Fetal Deaths by State of Occurrence Distributed According to Resident Status: United States and Each State, 1989—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 nonresidents 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	14	2	22	20	10	33	5	24	3	5	12	4	6	48	24	29	16	4	40
Alabama	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Arkansas	-	-	-	5	3	1	-	-	-	-	1	-	-	-	-	-	-	-	-
California	-	-	-	1	3	1	-	-	-	-	-	2	-	1	1	-	-	-	5
Colorado	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Delaware	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	1	-	1	1	-	-	-	-	-	-	-	20	-	1	-	-	-
Florida	-	-	1	-	1	1	-	-	-	-	2	-	-	-	-	-	-	-	4
Georgia	1	-	-	-	-	1	-	16	-	1	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Idaho	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
Illinois	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-
Indiana	-	-	1	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1
Kansas	-	-	-	5	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Kentucky	-	-	5	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland ¹	-	-	-	-	-	3	-	-	-	-	-	-	-	6	-	5	-	-	-
Massachusetts	-	-	-	1	-	-	5	-	-	-	-	-	-	-	-	-	-	-	1
Michigan	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	11	-	2
Mississippi	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-
New Jersey	-	-	-	-	-	8	-	-	-	-	-	-	-	2	-	-	-	-	1
New Mexico ²	-	-	-	1	-	6	-	-	-	-	2	1	-	-	-	-	-	-	3
New York	-	-	-	-	-	6	-	6	-	2	-	-	-	6	-	-	-	-	-
North Carolina .....	...	...	-	-	-	-	-	-	1	2	-	-	-	6	-	-	-	-	-
North Dakota	-	...	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Ohio	-	-	...	-	-	2	-	-	-	-	-	-	-	1	1	7	-	-	-
Oklahoma	-	-	-	...	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	...	-	-	1	-	-	-	-	-	1	15	3	-	-	-
Pennsylvania	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	...	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota ²	-	-	-	-	-	1	-	-	...	-	-	-	-	-	-	-	-	-	-
Tennessee ²	1	-	-	-	-	-	-	-	-	...	-	-	-	5	-	1	-	-	-
Texas	1	-	-	5	-	-	-	-	-	-	...	-	-	-	-	-	-	-	15
Utah	-	-	-	-	-	-	-	-	-	-	-	...	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	...	-	-	-	-	-	-
Virginia	8	-	-	-	-	-	-	-	-	-	-	-	-	...	1	12	-	-	-
Washington	-	-	-	-	2	-	-	-	-	-	-	-	-	-	...	-	-	-	-
West Virginia	-	-	6	-	-	4	-	-	-	-	-	-	-	4	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...	-

¹ Underreporting of fetal deaths may have occurred; see Technical Appendix.
² Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

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Table 3-7. Fetal Deaths by Month and Race of Mother: United States and Each State, 1989

(Page 1 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.
United States	30,469	2,531	2,196	2,557	2,551	2,595	2,650	2,699	2,740	2,572	2,581	2,409	2,388
White	20,520	1,725	1,484	1,730	1,739	1,723	1,779	1,796	1,805	1,747	1,773	1,616	1,603
Black	8,938	726	637	741	728	783	799	807	853	741	711	707	705
Alabama	632	69	44	55	64	49	47	53	63	40	59	46	43
White	303	38	20	29	29	23	19	24	35	21	29	22	14
Black	328	30	24	26	35	26	28	29	28	19	30	24	29
Alaska	53	7	5	3	5	-	5	5	4	6	3	6	4
White	28	3	1	-	5	-	2	3	2	3	2	5	2
Black	6	2	-	-	-	-	-	2	-	-	-	-	1
Arizona	366	29	31	20	29	36	36	32	29	29	31	28	36
White	306	23	26	16	28	34	29	29	25	23	21	25	27
Black	26	4	2	2	-	1	4	2	2	1	3	1	4
Arkansas	267	26	19	16	15	21	26	22	26	23	25	27	21
White	166	16	9	6	11	17	17	15	17	15	16	14	13
Black	92	10	10	9	2	4	8	7	8	8	9	12	5
California	3,850	328	258	318	326	347	334	330	351	315	317	310	316
White	2,916	256	200	231	248	270	260	246	270	235	242	221	237
Black	623	44	41	52	54	60	52	56	52	52	44	57	59
Colorado	382	26	24	31	31	38	32	46	32	31	41	23	27
White	328	24	21	25	27	36	27	41	28	30	33	15	21
Black	36	2	3	4	-	-	4	3	4	1	7	4	4
Connecticut	363	30	32	39	23	35	28	35	23	29	29	29	31
White	274	25	25	29	19	24	19	28	16	24	24	20	21
Black	84	3	6	9	4	11	9	7	7	5	4	9	10
Delaware	81	4	12	13	6	6	2	7	9	2	10	5	5
White	52	1	7	9	5	4	2	6	7	1	5	1	4
Black	28	3	5	3	1	2	-	1	2	1	5	4	1
District of Columbia	161	8	15	11	12	13	19	15	10	17	12	10	19
White	11	-	2	2	1	2	3	-	-	-	1	-	-
Black	150	8	13	9	11	11	16	15	10	17	11	10	19
Florida	1,617	129	118	157	152	122	140	127	153	120	134	140	125
White	975	77	78	103	98	76	88	72	90	63	73	80	77
Black	619	52	38	53	53	39	51	52	63	56	55	59	48
Georgia	1,222	113	73	100	102	108	103	104	127	89	104	97	102
White	524	65	35	46	42	46	36	46	47	42	35	41	43
Black	693	48	38	53	59	62	67	58	80	47	68	54	59
Hawaii	134	13	14	6	6	15	8	14	10	16	12	9	11
White	45	5	5	2	3	7	2	5	2	5	5	2	2
Black	6	-	-	-	-	-	-	1	1	3	1	-	-
Idaho	113	11	5	7	5	12	11	10	10	11	9	11	11
White	109	10	5	7	5	12	11	9	10	11	8	11	10
Black	1	1	-	-	-	-	-	-	-	-	-	-	-
Illinois	1,452	145	108	133	112	140	121	130	131	103	127	110	92
White	887	89	65	85	63	85	72	77	83	63	82	67	56
Black	545	52	41	45	46	54	48	53	47	38	43	43	35
Indiana	628	57	44	58	46	53	62	49	55	62	49	39	54
White	521	49	36	51	42	41	53	40	45	52	37	33	42
Black	104	8	6	6	4	11	9	9	10	10	12	5	12
Iowa	248	29	17	23	10	15	20	21	22	23	25	20	23
White	226	27	17	19	10	13	19	18	20	21	22	18	22
Black	15	2	-	3	-	-	1	1	1	1	3	2	-
Kansas	238	12	17	23	18	15	21	21	17	25	22	27	20
White	192	11	15	18	15	11	17	17	13	20	18	21	16
Black	43	1	2	5	2	4	4	4	3	5	4	6	3
Kentucky	427	35	28	28	37	41	46	38	42	39	37	28	28
White	357	25	26	23	34	32	41	30	35	35	29	23	24
Black	67	10	2	5	3	9	4	8	5	4	8	5	4
Louisiana	611	37	52	53	42	59	57	65	65	56	50	33	42
White	257	14	18	25	21	23	28	31	22	19	26	16	14
Black	349	23	33	27	20	36	29	34	42	37	24	17	27
Maine	99	14	7	6	12	10	12	6	6	12	6	6	2
White	98	14	7	6	12	10	12	6	6	11	6	6	2
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland ²	552	18	18	38	49	58	64	54	50	52	50	53	48
White	251	5	7	15	26	25	24	23	23	26	30	19	28
Black	290	11	11	23	22	31	39	29	27	26	20	32	19
Massachusetts	534	47	46	44	52	40	40	50	35	46	54	40	40
White	424	32	40	38	39	30	34	41	27	35	46	32	30
Black	94	13	6	6	10	9	5	8	7	10	8	6	6
Michigan	858	69	53	82	67	69	67	85	78	82	75	71	60
White	568	52	31	51	44	42	44	52	55	55	49	50	43
Black	280	16	22	30	22	26	23	32	22	27	24	20	16
Minnesota	415	39	21	34	38	47	33	33	23	32	40	38	37
White	354	36	16	29	35	33	30	28	18	28	37	31	33
Black	36	-	2	4	-	8	3	5	1	2	2	5	4
Mississippi	414	40	26	36	21	33	27	35	48	28	36	46	38
White	126	10	7	10	8	9	6	14	17	5	16	13	11
Black	284	29	19	26	13	24	21	21	29	23	19	33	27

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Table 3-7. Fetal Deaths by Month and Race of Mother: United States and Each State, 1989—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	503	48	35	39	46	44	49	41	38	32	44	37	50
White	369	34	28	27	36	32	35	35	26	23	34	21	38
Black	127	14	5	10	9	12	14	6	12	9	10	14	12
Montana	84	13	5	7	6	5	6	11	12	9	6	2	2
White	66	13	3	7	5	5	4	8	9	6	4	1	1
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	153	12	9	10	12	12	15	13	14	14	8	15	19
White	131	12	7	9	10	10	11	10	13	12	7	13	17
Black	15	-	1	1	1	1	3	2	1	1	1	1	2
Nevada	168	17	11	16	18	11	16	14	14	12	14	13	12
White	128	12	10	11	14	8	10	13	12	10	10	8	10
Black	32	4	1	4	4	2	3	-	2	1	4	5	2
New Hampshire	123	13	9	6	10	7	9	10	8	12	15	12	12
White	118	13	9	6	9	6	7	10	8	11	15	12	12
Black	3	-	-	-	1	1	1	-	-	-	-	-	-
New Jersey	956	70	89	91	92	70	84	82	78	74	79	70	77
White	600	46	53	58	57	48	54	44	48	43	60	43	46
Black	332	22	36	31	33	20	30	35	29	28	18	23	27
New Mexico ²	115	4	10	7	13	10	8	10	11	8	11	9	14
White	88	4	7	5	10	8	7	6	4	8	11	7	11
Black	4	-	1	1	-	-	-	-	1	-	-	-	1
New York	2,952	226	228	238	253	246	266	273	259	268	259	228	208
White	1,804	139	143	158	155	136	167	166	141	153	158	154	134
Black	1,086	85	81	78	94	99	93	97	113	110	93	71	72
North Carolina	880	77	67	58	77	76	80	70	79	88	72	62	74
White	457	35	37	33	33	42	42	30	43	53	39	30	40
Black	401	41	29	23	41	31	36	38	34	35	33	30	30
North Dakota	59	2	2	6	7	7	7	10	5	3	3	5	2
White	54	2	2	5	6	7	5	10	5	3	2	5	2
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	1,131	104	84	101	83	93	81	101	104	100	101	97	82
White	866	75	67	78	62	66	65	71	77	79	86	73	67
Black	259	29	15	23	21	26	16	27	27	21	15	24	15
Oklahoma	393	36	32	36	31	30	42	38	35	30	19	35	29
White	270	17	20	24	21	20	32	26	28	20	16	27	19
Black	81	14	5	9	7	6	7	7	5	8	1	6	6
Oregon	221	18	16	17	17	21	32	24	21	18	17	13	7
White	204	16	15	16	16	21	26	22	21	16	15	13	7
Black	8	-	-	-	-	-	4	1	-	2	1	-	-
Pennsylvania	1,491	121	116	145	136	113	123	118	133	118	117	120	131
White	1,103	86	86	110	90	81	80	85	96	87	92	98	102
Black	371	24	27	34	44	30	43	33	35	31	21	21	28
Rhode Island	125	9	9	12	9	12	9	10	17	15	7	6	10
White	106	8	8	12	8	11	8	9	16	10	6	5	5
Black	18	1	1	1	1	1	1	1	1	4	1	1	5
South Carolina	600	52	39	52	68	55	60	45	52	46	42	43	46
White	217	15	8	21	27	17	22	18	17	23	13	18	18
Black	379	37	31	31	41	38	37	26	35	23	29	25	26
South Dakota ³	71	5	7	5	7	8	6	7	2	8	6	6	4
White	52	4	6	3	5	5	4	6	2	6	2	6	3
Black	3	-	-	1	-	-	1	-	-	-	1	-	-
Tennessee ²	414	36	27	32	33	35	47	36	42	36	32	30	28
White	285	20	19	21	23	25	30	26	34	27	23	22	15
Black	123	15	7	11	10	9	16	10	8	8	9	8	12
Texas	2,075	154	156	162	152	176	185	198	174	190	173	178	177
White	1,583	116	120	118	114	137	146	140	128	152	137	139	136
Black	451	36	32	42	35	37	36	54	44	32	32	37	34
Utah	220	14	12	12	29	23	14	22	22	18	15	16	23
White	209	13	12	11	27	22	13	21	22	18	12	15	23
Black	2	-	-	1	1	-	-	-	-	-	-	-	-
Vermont	43	4	2	5	4	2	1	4	5	4	4	5	3
White	43	4	2	5	4	2	1	4	5	4	4	5	3
Black	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	866	69	65	77	53	72	58	79	93	78	84	65	73
White	534	45	40	45	35	42	37	50	53	53	54	40	40
Black	314	23	25	29	16	29	21	25	39	22	30	22	33
Washington	390	29	30	28	45	33	31	39	32	37	36	30	20
White	338	26	25	24	38	28	29	37	27	31	29	24	20
Black	31	3	3	2	4	1	2	2	3	4	3	4	-
West Virginia	190	24	13	14	24	12	13	16	17	22	14	11	10
White	179	23	12	14	24	11	12	15	14	21	12	11	10
Black	10	1	1	-	-	1	1	1	3	-	2	-	-
Wisconsin	476	34	34	42	40	38	42	33	50	41	43	44	35
White	371	27	24	30	35	26	32	26	40	32	37	35	27
Black	89	5	10	10	4	10	9	5	10	8	3	7	8
Wyoming	53	5	2	5	6	2	5	8	4	3	3	5	5
White	47	3	2	4	5	2	5	7	3	3	3	5	5
Black	-	-	-	-	-	-	-	-	-	-	-	-	-

¹ Totals for geographic areas include races other than white and black.

² Underreporting of fetal deaths may have occurred; see Technical Appendix.

³ Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

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Table 3-8. Fetal Deaths by Sex, Total-Birth Order, and Age and Race of Mother: United States, 1989

[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	30,469	9,275	7,153	5,017	3,101	1,776	908	518	704	2,017
Under 15 years	168	134	19	3	-	-	-	-	-	12
15-19 years	4,388	2,591	1,000	359	104	37	12	2	-	283
20-24 years	8,007	2,835	2,137	1,251	707	357	125	66	45	484
25-29 years	8,443	2,151	2,113	1,550	954	545	285	152	147	546
30-34 years	6,023	1,077	1,321	1,212	821	486	277	164	228	437
35-39 years	2,794	401	481	550	417	290	148	94	203	210
40-44 years	607	80	78	91	92	59	55	36	76	40
45-49 years	39	6	4	1	6	2	6	4	5	5
Male	16,077	4,993	3,714	2,569	1,698	914	466	297	347	1,079
Under 15 years	92	81	6	-	-	-	-	-	-	5
15-19 years	2,397	1,444	523	192	59	20	6	1	-	152
20-24 years	4,165	1,458	1,088	634	412	185	63	40	24	261
25-29 years	4,429	1,163	1,086	794	509	291	144	87	74	281
30-34 years	3,149	578	694	636	425	247	136	97	113	223
35-39 years	1,501	222	268	266	246	148	81	48	95	127
40-44 years	322	44	47	47	44	22	32	22	38	26
45-49 years	22	3	2	-	3	1	4	2	3	4
Female	14,392	4,282	3,439	2,448	1,403	862	442	221	357	938
Under 15 years	76	53	13	3	-	-	-	-	-	7
15-19 years	1,991	1,147	477	167	45	17	6	1	-	131
20-24 years	3,842	1,377	1,049	617	295	172	82	26	21	223
25-29 years	4,014	988	1,027	756	445	254	141	65	73	265
30-34 years	2,874	499	627	576	396	239	141	67	115	214
35-39 years	1,293	179	213	284	171	142	67	46	108	83
40-44 years	285	36	31	44	48	37	23	14	38	14
45-49 years	17	3	2	1	3	1	2	2	2	1
White	20,520	6,508	5,012	3,391	2,002	1,046	540	310	399	1,312
Under 15 years	58	43	5	2	-	-	-	-	-	8
15-19 years	2,526	1,617	515	169	38	20	5	2	-	160
20-24 years	5,157	1,998	1,446	759	374	166	60	29	18	307
25-29 years	5,950	1,649	1,612	1,092	637	307	160	86	60	347
30-34 years	4,308	824	1,009	884	569	311	178	98	129	306
35-39 years	2,057	310	366	424	308	197	96	67	138	151
40-44 years	434	63	56	60	71	45	37	24	49	29
45-49 years	30	4	3	1	5	-	4	4	5	4
Male	10,734	3,465	2,564	1,739	1,061	542	270	179	206	708
Under 15 years	26	22	1	-	-	-	-	-	-	3
15-19 years	1,351	885	253	89	25	12	3	1	-	83
20-24 years	2,647	1,014	732	382	211	89	27	14	12	166
25-29 years	3,109	890	815	570	335	161	80	54	30	174
30-34 years	2,253	440	522	466	275	163	91	58	71	167
35-39 years	1,098	173	206	203	178	99	46	36	64	93
40-44 years	233	38	33	29	35	18	21	14	26	19
45-49 years	17	3	2	-	2	-	2	2	3	3
Female	9,786	3,043	2,448	1,652	941	504	270	131	193	604
Under 15 years	32	21	4	2	-	-	-	-	-	5
15-19 years	1,175	732	262	80	13	8	2	1	-	77
20-24 years	2,510	984	714	377	163	77	33	15	6	141
25-29 years	2,841	759	797	522	302	146	80	32	30	173
30-34 years	2,055	384	487	418	294	148	87	40	58	139
35-39 years	959	137	160	221	130	98	50	31	74	58
40-44 years	201	25	23	31	36	27	16	10	23	10
45-49 years	13	1	1	1	3	-	2	2	2	1
Black	8,938	2,461	1,911	1,447	1,011	662	325	189	263	669
Under 15 years	109	90	14	1	-	-	-	-	-	4
15-19 years	1,769	914	466	183	63	17	7	-	-	119
20-24 years	2,622	753	633	455	316	179	63	36	22	165
25-29 years	2,219	419	436	412	301	210	111	58	80	192
30-34 years	1,488	199	256	283	222	166	87	61	89	125
35-39 years	591	72	89	90	91	79	39	23	54	54
40-44 years	134	12	17	23	18	10	16	11	18	9
45-49 years	6	2	-	-	-	1	2	-	-	1
Male	4,826	1,369	1,035	745	588	338	174	108	122	347
Under 15 years	66	59	5	-	-	-	-	-	-	2
15-19 years	984	520	258	97	33	8	3	-	-	65
20-24 years	1,409	408	328	237	190	90	36	25	10	85
25-29 years	1,187	231	237	204	166	117	58	30	41	103
30-34 years	783	106	149	150	135	78	38	35	39	53
35-39 years	329	42	49	44	56	43	27	11	25	32
40-44 years	64	3	9	13	8	1	10	7	7	6
45-49 years	4	-	-	-	-	1	2	-	-	1
Female	4,112	1,092	876	702	423	324	151	81	141	322
Under 15 years	43	31	9	1	-	-	-	-	-	2
15-19 years	785	394	208	86	30	9	4	-	-	54
20-24 years	1,213	345	305	218	126	89	27	11	12	80
25-29 years	1,032	188	199	208	135	93	53	28	39	89
30-34 years	705	93	107	133	87	88	49	26	50	72
35-39 years	262	30	40	46	35	36	12	12	29	22
40-44 years	70	9	8	10	10	9	6	4	11	3
45-49 years	2	2	-	-	-	-	-	-	-	-

¹ Includes races other than white and black.

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Table 3-9. Fetal Deaths by Total-Birth Order and Race of Mother: United States and Each State, 1989

(Page 1 of 3)

[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	30,469	9,275	7,153	5,017	3,101	1,776	908	518	704	2,017
White	20,520	6,508	5,012	3,391	2,002	1,046	540	310	399	1,312
Black	8,938	2,461	1,911	1,447	1,011	662	325	189	263	669
Alabama	632	235	161	99	62	33	15	12	8	7
White	303	122	80	49	25	15	4	3	1	4
Black	328	113	80	50	37	18	11	9	7	3
Alaska	53	14	9	11	2	3	5	2	4	3
White	28	11	4	7	1	3	1	1	1	1
Black	6	2	2	1	-	-	-	1	-	-
Arizona	366	114	85	53	50	32	14	7	7	4
White	306	97	75	44	38	26	10	5	7	4
Black	26	6	5	6	6	2	-	1	-	-
Arkansas	267	95	69	47	22	8	12	4	3	7
White	166	65	39	30	15	2	7	1	1	6
Black	92	26	29	14	7	6	5	2	2	1
California	3,850	1,223	823	562	365	238	115	59	121	344
White	2,916	948	631	414	287	185	84	51	81	235
Black	623	169	122	86	61	34	26	5	26	94
Colorado	382	99	91	82	48	27	10	8	10	7
White	328	91	78	70	35	23	9	7	9	6
Black	36	5	9	8	9	3	1	-	1	-
Connecticut	363	74	41	45	30	12	5	5	5	146
White	274	52	30	30	22	11	5	4	4	116
Black	84	20	10	14	8	1	-	1	1	29
Delaware	81	13	25	15	10	5	3	-	1	9
White	52	5	18	10	8	2	3	-	-	6
Black	28	8	6	5	2	3	-	-	1	3
District of Columbia	161	46	32	25	23	10	6	2	6	11
White	11	4	1	2	3	1	-	2	-	-
Black	150	42	31	23	20	9	6	2	6	11
Florida	1,617	498	367	260	137	94	38	23	20	180
White	975	319	252	165	72	34	16	16	6	95
Black	619	175	107	92	62	58	20	7	13	85
Georgia	1,222	362	324	231	121	74	37	19	23	31
White	524	172	151	98	45	24	15	3	3	13
Black	693	186	173	132	76	50	22	16	20	18
Hawaii	134	39	32	24	12	11	5	5	5	1
White	45	15	11	8	5	2	1	3	-	-
Black	6	3	1	1	1	-	-	-	-	-
Idaho	113	33	28	18	11	7	8	3	2	3
White	109	31	27	18	11	6	8	3	2	3
Black	1	1	-	-	-	-	-	-	-	-
Illinois	1,452	433	357	236	171	70	52	26	16	91
White	887	284	237	147	105	34	21	12	4	43
Black	545	142	113	85	65	36	30	14	12	48
Indiana	628	209	163	100	59	43	6	10	15	23
White	521	179	138	74	50	34	5	8	11	22
Black	104	29	25	25	9	8	1	2	4	1
Iowa	248	80	59	43	36	10	7	2	6	5
White	226	72	55	39	32	9	6	2	6	5
Black	15	8	2	1	4	-	-	-	-	-
Kansas	238	78	60	36	27	14	7	5	7	4
White	192	63	50	30	22	8	6	4	5	4
Black	43	14	10	5	4	6	1	1	2	-
Kentucky	427	155	108	65	48	14	9	2	4	22
White	357	125	95	57	37	11	6	2	3	21
Black	67	29	12	8	10	3	3	-	1	1
Louisiana	611	223	147	108	54	28	13	10	10	18
White	257	110	68	36	22	9	5	4	-	3
Black	349	111	77	71	32	19	8	6	10	15
Maine	99	25	24	14	12	3	2	3	2	14
White	98	24	24	14	12	3	2	3	2	14
Black	-	-	-	-	-	-	-	-	-	-
Maryland ²	552	165	107	86	59	34	17	7	11	66
White	251	77	52	42	22	20	5	4	2	27
Black	290	82	54	41	37	14	11	3	9	39
Massachusetts	534	170	136	97	53	34	13	6	17	8
White	424	138	116	70	42	28	7	6	10	7
Black	94	26	17	22	10	6	5	-	7	1
Michigan	858	260	208	148	97	63	31	18	13	20
White	568	169	145	109	62	40	16	9	6	12
Black	280	89	58	38	34	23	14	9	7	8
Minnesota	415	110	111	68	39	21	16	8	9	33
White	354	101	95	60	31	16	10	4	6	31
Black	36	6	11	4	5	1	2	4	1	2

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Table 3-9. Fetal Deaths by Total-Birth Order and Race of Mother: United States and Each State, 1989—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	414	131	105	62	49	28	13	11	4	11
White	126	44	37	21	15	3	2	-	1	3
Black	284	84	67	41	34	25	11	11	3	8
Missouri	503	175	112	98	51	24	19	9	9	6
White	369	127	86	77	36	17	11	7	5	3
Black	127	47	23	20	14	7	7	2	4	3
Montana	84	21	24	16	7	5	5	2	3	1
White	66	17	21	10	6	5	4	-	2	1
Black	-	-	-	-	-	-	-	-	-	-
Nebraska	153	50	38	22	18	9	7	2	2	5
White	131	42	33	20	15	7	6	2	1	5
Black	15	5	2	2	3	2	1	-	-	-
Nevada	168	45	35	32	20	14	7	2	5	8
White	128	34	30	24	16	7	5	1	4	7
Black	32	8	4	7	3	6	2	1	1	-
New Hampshire	123	43	32	24	14	5	3	1	1	-
White	118	42	30	24	12	5	3	1	1	-
Black	3	1	1	-	1	-	-	-	-	-
New Jersey	956	178	165	120	82	45	16	15	25	310
White	600	128	105	76	40	26	8	11	13	193
Black	332	43	53	39	40	19	8	4	12	114
New Mexico ²	115	31	28	19	16	8	4	1	3	5
White	88	25	22	13	15	5	1	-	2	4
Black	4	2	-	1	-	1	-	-	-	-
New York	2,952	791	646	489	319	204	115	80	103	205
White	1,804	515	424	308	167	96	64	43	56	131
Black	1,086	253	208	178	142	105	47	34	46	73
North Carolina	880	325	209	169	80	50	17	11	11	8
White	457	179	115	86	37	21	7	3	4	5
Black	401	140	88	78	40	28	10	8	6	3
North Dakota	59	20	20	7	7	3	-	-	1	1
White	54	19	20	5	7	1	-	-	1	1
Black	-	-	-	-	-	-	-	-	-	-
Ohio	1,131	338	281	188	112	66	43	18	23	62
White	866	281	214	153	81	44	26	11	12	44
Black	259	56	65	33	31	22	17	7	10	18
Oklahoma	393	108	79	50	19	16	4	3	6	108
White	270	75	61	38	14	10	3	-	4	65
Black	81	21	9	9	4	1	1	1	-	35
Oregon	221	63	47	38	34	15	6	3	10	5
White	204	61	42	38	30	12	6	3	8	4
Black	8	1	4	-	1	1	-	-	1	-
Pennsylvania	1,491	424	367	255	195	91	46	18	42	53
White	1,103	342	276	193	134	56	29	9	23	41
Black	371	74	87	62	57	35	16	9	19	12
Rhode Island	125	41	22	6	11	3	4	1	7	30
White	106	35	19	6	10	2	4	1	4	25
Black	18	5	3	-	1	1	-	-	3	5
South Carolina	600	197	169	106	54	33	12	8	10	11
White	217	82	69	31	19	6	4	2	3	1
Black	379	113	100	74	34	27	8	6	7	10
South Dakota ³	71	24	15	13	5	4	5	2	3	-
White	52	19	13	10	4	2	3	-	1	-
Black	3	2	1	-	-	-	-	-	-	-
Tennessee ³	414	139	124	65	42	16	11	8	6	3
White	285	103	89	38	27	12	7	5	2	2
Black	123	33	35	26	13	4	4	3	4	1
Texas	2,075	718	504	364	189	120	48	25	41	66
White	1,583	553	387	287	141	79	38	18	34	46
Black	451	152	103	69	45	39	10	7	6	20
Utah	220	44	43	48	26	16	10	8	10	15
White	209	40	42	45	26	15	8	8	10	15
Black	2	1	-	-	-	-	1	-	-	-
Vermont	43	14	11	4	6	2	3	-	2	1
White	43	14	11	4	6	2	3	-	2	1
Black	-	-	-	-	-	-	-	-	-	-
Virginia	866	288	234	136	89	47	26	14	11	21
White	534	187	152	83	48	20	15	8	6	15
Black	314	92	81	49	38	26	11	6	5	6
Washington	390	100	105	74	41	17	8	10	15	20
White	338	90	95	63	36	14	8	5	10	17
Black	31	8	6	6	3	1	-	4	1	2
West Virginia	190	68	49	33	18	5	8	5	2	2
White	179	63	48	32	15	5	7	5	2	2
Black	10	4	1	1	3	-	1	-	-	-

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Table 3-9. Fetal Deaths by Total-Birth Order and Race of Mother: United States and Each State, 1989—Con.

(Page 3 of 3)

[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	476	134	102	98	47	41	17	14	20	3
White	371	107	81	76	40	28	11	11	14	3
Black	89	24	16	20	5	12	4	3	5	-
Wyoming	53	12	20	8	2	1	5	1	4	-
White	47	10	18	7	2	-	5	1	4	-
Black	-	-	-	-	-	-	-	-	-	-

¹ Totals for geographic areas include races other than white and black.

² Underreporting of fetal deaths may have occurred; see Technical Appendix.

³ Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

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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: 1989

(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	30,469	168	4,388	8,007	8,443	6,023	2,794	607	39
White	20,520	58	2,526	5,157	5,950	4,308	2,057	434	30
Black	8,938	109	1,769	2,622	2,219	1,488	591	134	6
Male	16,077	92	2,397	4,165	4,429	3,149	1,501	322	22
White	10,734	26	1,351	2,647	3,109	2,253	1,098	233	17
Black	4,826	66	984	1,409	1,187	783	329	64	4
Female	14,392	76	1,991	3,842	4,014	2,874	1,293	285	17
White	9,786	32	1,175	2,510	2,841	2,055	959	201	13
Black	4,112	43	785	1,213	1,032	705	262	70	2
Alabama	632	5	108	220	155	94	40	10	-
White	303	-	53	89	94	45	21	1	-
Black	328	5	55	130	61	49	19	9	-
Alaska	53	-	6	14	18	7	7	1	-
White	28	-	4	8	7	5	4	-	-
Black	6	-	-	1	3	-	1	1	-
Arizona	366	1	47	97	105	73	38	5	-
White	306	1	34	83	87	65	31	5	-
Black	26	-	6	7	10	3	-	-	-
Arkansas	267	-	48	99	61	32	19	6	2
White	166	-	29	62	41	20	9	4	1
Black	92	-	18	36	18	10	7	2	1
California	3,850	14	451	969	1,069	801	427	110	9
White	2,916	9	331	740	808	599	337	85	7
Black	623	5	95	169	185	127	32	10	-
Colorado	382	-	54	85	110	77	43	12	1
White	328	-	46	68	93	71	38	11	1
Black	36	-	5	13	11	4	2	1	-
Connecticut	363	1	33	81	100	100	43	5	-
White	274	1	20	52	71	85	40	5	-
Black	84	-	13	29	29	14	1	-	-
Delaware	81	1	13	20	15	24	5	3	-
White	52	-	6	10	12	18	4	2	-
Black	28	1	6	10	3	6	1	1	-
District of Columbia	161	4	34	42	37	27	14	3	-
White	11	-	-	5	5	4	2	-	-
Black	150	4	34	42	32	23	12	3	-
Florida	1,617	12	247	458	410	323	141	23	3
White	975	6	120	270	261	216	88	13	1
Black	619	6	123	186	143	100	49	10	2
Georgia	1,222	17	233	387	294	203	76	12	-
White	524	4	77	170	139	91	36	7	-
Black	693	13	156	215	155	111	38	5	-
Hawaii	134	-	13	39	40	24	16	2	-
White	45	-	4	11	15	9	6	-	-
Black	6	-	2	3	1	-	-	-	-
Idaho	113	1	17	33	32	20	6	4	-
White	109	1	16	31	31	20	6	4	-
Black	1	-	-	1	-	-	-	-	-
Illinois	1,452	8	237	337	379	306	148	35	2
White	887	1	103	185	247	214	109	26	2
Black	545	7	134	150	126	84	36	8	-
Indiana	628	2	108	176	179	109	47	7	-
White	521	-	83	147	151	94	41	5	-
Black	104	2	25	29	26	14	6	2	-
Iowa	248	1	35	62	78	50	20	1	1
White	226	1	29	56	75	46	17	1	1
Black	15	-	6	5	1	1	2	-	-
Kansas	238	1	42	67	67	43	15	3	-
White	192	-	29	51	58	37	15	2	-
Black	43	1	13	15	8	5	-	1	-
Kentucky	427	-	82	134	119	55	33	4	-
White	357	-	67	108	103	47	28	4	-
Black	67	-	15	25	14	8	5	-	-
Louisiana	611	6	123	192	157	86	39	8	-
White	257	1	44	75	75	47	11	4	-
Black	349	5	79	116	80	37	28	4	-
Maine	99	-	11	20	32	23	12	1	-
White	98	-	11	20	32	23	11	1	-
Black	-	-	-	-	-	-	-	-	-
Maryland ²	552	6	66	133	148	135	56	7	1
White	251	1	21	54	68	68	32	6	1
Black	290	5	45	76	78	63	22	1	-

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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: 1989—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]

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	14.4	8.6	7.4	6.6	7.1	9.4	13.5	23.8
White	6.4	12.4	7.4	6.2	5.7	6.1	8.4	12.0	24.8
Black	13.1	16.3	11.6	12.0	13.1	15.5	17.7	25.0	*
Male	7.7	15.5	9.1	7.5	6.8	7.2	9.9	14.0	27.1
White	6.5	10.9	7.7	6.2	5.8	6.2	8.7	12.6	*
Black	13.9	19.4	12.6	12.7	13.8	16.0	19.6	23.4	*
Female	7.2	13.3	8.0	7.3	6.5	6.9	8.9	13.0	*
White	6.3	13.9	7.0	6.2	5.6	6.0	8.1	11.3	*
Black	12.3	13.2	10.5	11.3	12.4	14.9	15.8	26.5	*
Alabama	10.0	*	9.6	11.2	8.5	9.2	12.5	*	*
White	7.5	*	9.4	7.2	7.2	6.3	10.0	*	*
Black	14.9	*	10.0	18.1	12.4	16.9	*	*	*
Alaska	4.5	*	*	*	*	*	*	*	*
White	3.5	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
Arizona	5.4	*	5.2	5.0	5.1	5.6	8.5	*	*
White	5.3	*	4.7	5.1	4.9	5.7	8.0	*	*
Black	10.1	*	*	*	*	*	*	*	*
Arkansas	7.4	*	7.0	8.1	6.0	6.6	*	*	*
White	6.1	*	6.4	6.8	5.0	5.1	*	*	*
Black	10.8	*	*	12.1	*	*	*	*	*
California	6.7	*	7.0	6.5	6.1	6.5	8.6	12.6	*
White	6.2	*	6.4	6.0	5.6	6.0	8.5	12.3	*
Black	12.7	*	10.6	11.5	13.4	15.7	11.8	*	*
Colorado	7.2	*	9.1	6.6	6.6	6.3	9.3	*	*
White	6.7	*	8.9	5.9	6.0	6.2	8.8	*	*
Black	12.9	*	*	*	*	*	*	*	*
Connecticut	7.3	*	8.0	8.1	6.1	7.4	8.9	*	*
White	6.5	*	7.1	6.7	5.0	6.9	9.2	*	*
Black	12.9	*	*	14.0	14.8	*	*	*	*
Delaware	7.5	*	*	6.9	*	10.6	*	*	*
White	6.4	*	*	*	*	*	*	*	*
Black	10.9	*	*	*	*	*	*	*	*
District of Columbia	13.5	*	16.2	13.1	12.2	12.0	*	*	*
White	*	*	*	*	*	*	*	*	*
Black	16.0	*	17.6	15.0	13.2	15.3	*	*	*
Florida	8.3	*	9.3	8.7	6.8	8.3	10.1	10.9	*
White	6.7	*	7.7	7.1	5.4	6.9	7.8	*	*
Black	13.5	*	11.5	13.2	12.9	15.3	20.3	*	*
Georgia	11.0	*	12.7	11.5	9.1	10.5	11.8	*	*
White	7.5	*	8.4	8.6	6.3	6.6	8.0	*	*
Black	17.3	*	17.1	16.0	15.8	21.5	21.1	*	*
Hawaii	6.9	*	*	7.4	6.9	5.6	*	*	*
White	7.5	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
Idaho	7.1	*	*	6.9	6.4	6.6	*	*	*
White	7.1	*	*	6.8	6.4	6.8	*	*	*
Black	*	*	*	*	*	*	*	*	*
Illinois	7.6	*	9.7	7.2	6.3	7.2	10.3	16.7	*
White	6.2	*	8.0	5.7	5.1	6.1	9.3	15.6	*
Black	12.4	*	11.7	10.8	12.5	14.4	18.4	*	*
Indiana	7.5	*	9.1	7.0	6.7	7.2	10.4	*	*
White	7.0	*	8.8	6.7	6.2	6.8	9.9	*	*
Black	11.4	*	10.5	9.5	12.8	*	*	*	*
Iowa	6.3	*	8.7	5.8	5.6	6.3	8.3	*	*
White	6.0	*	8.0	5.5	5.6	5.9	*	*	*
Black	*	*	*	*	*	*	*	*	*
Kansas	6.1	*	9.3	6.2	5.2	5.4	*	*	*
White	5.5	*	8.1	5.4	5.0	5.0	*	*	*
Black	13.1	*	*	*	*	*	*	*	*
Kentucky	7.9	*	8.8	7.8	7.6	6.4	12.4	*	*
White	7.4	*	8.5	7.1	7.2	6.0	11.4	*	*
Black	13.0	*	*	14.4	*	*	*	*	*
Louisiana	8.3	*	10.1	8.6	7.4	7.0	9.8	*	*
White	6.1	*	8.5	6.2	5.5	5.8	*	*	*
Black	11.6	*	11.4	11.5	11.2	9.4	19.9	*	*
Maine	5.6	*	*	3.8	5.5	6.8	*	*	*
White	5.7	*	*	3.9	5.6	6.9	*	*	*
Black	*	*	*	*	*	*	*	*	*
Maryland ²	7.0	*	7.9	7.1	5.9	7.3	8.4	*	*
White	4.8	*	5.6	5.0	3.9	4.9	6.4	*	*
Black	12.0	*	9.9	10.2	11.6	16.6	16.5	*	*

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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: 1989—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	534	1	47	93	194	127	53	17	2
White	424	-	33	77	162	94	43	13	2
Black	94	1	12	15	26	29	8	3	-
Michigan	858	2	123	236	258	159	68	12	-
White	568	1	62	147	188	113	49	8	-
Black	280	1	60	87	67	43	19	3	-
Minnesota	415	-	45	85	142	92	42	9	-
White	354	-	32	69	127	84	35	7	-
Black	36	-	12	10	8	3	3	-	-
Mississippi	414	5	90	133	89	64	31	2	-
White	126	1	20	43	36	13	11	2	-
Black	284	4	69	88	53	50	20	-	-
Missouri	503	8	74	133	139	96	41	12	-
White	369	2	46	99	110	67	35	10	-
Black	127	6	27	34	26	26	6	2	-
Montana	84	1	8	26	22	19	6	2	-
White	66	1	8	18	19	12	6	2	-
Black	-	-	-	-	-	-	-	-	-
Nebraska	153	-	13	38	52	37	10	3	-
White	131	-	9	33	46	30	10	3	-
Black	15	-	2	3	4	6	-	-	-
Nevada	168	-	20	50	50	31	12	4	1
White	128	-	11	39	38	26	9	4	1
Black	32	-	7	9	10	3	3	-	-
New Hampshire	123	-	15	25	43	26	13	1	-
White	118	-	13	23	43	25	13	1	-
Black	3	-	2	1	-	-	-	-	-
New Jersey	956	5	115	194	305	227	87	23	-
White	600	2	47	106	193	168	69	15	-
Black	332	3	68	86	103	51	15	6	-
New Mexico ²	115	2	25	28	27	22	7	4	-
White	88	1	21	22	21	16	5	2	-
Black	4	-	2	-	1	-	1	-	-
New York	2,952	7	296	661	855	683	365	79	6
White	1,804	2	154	371	511	455	261	47	3
Black	1,086	5	140	278	322	217	93	28	3
North Carolina	880	4	173	258	238	140	55	12	-
White	457	1	72	117	144	82	36	5	-
Black	401	3	95	136	89	53	18	7	-
North Dakota	59	-	5	19	22	10	3	-	-
White	54	-	5	16	20	10	3	-	-
Black	-	-	-	-	-	-	-	-	-
Ohio	1,131	8	183	305	312	219	83	20	1
White	866	3	129	230	251	176	61	15	1
Black	259	5	54	73	61	41	20	5	-
Oklahoma	393	2	66	112	100	67	39	6	1
White	270	1	39	72	70	51	32	4	1
Black	81	1	18	25	23	8	6	-	-
Oregon	221	1	34	57	52	41	29	5	2
White	204	1	34	50	50	35	27	5	2
Black	8	-	-	3	1	3	1	-	-
Pennsylvania	1,491	6	197	382	392	332	155	27	-
White	1,103	3	115	277	302	259	128	19	-
Black	371	3	82	102	84	68	26	6	-
Rhode Island	125	-	9	40	27	30	15	4	-
White	106	-	7	35	24	24	13	3	-
Black	18	-	2	4	3	6	2	1	-
South Carolina	600	7	121	189	145	89	38	11	-
White	217	-	32	70	60	37	14	4	-
Black	379	7	88	119	84	51	23	7	-
South Dakota ³	71	1	6	21	27	11	4	1	-
White	52	1	5	14	23	8	-	1	-
Black	3	-	-	1	2	-	-	-	-
Tennessee ³	414	4	75	121	112	64	31	7	-
White	285	1	51	83	77	48	19	6	-
Black	123	3	23	35	35	14	12	1	-
Texas	2,075	9	324	581	567	392	161	38	3
White	1,583	5	234	446	444	294	125	32	3
Black	451	4	85	129	112	89	29	3	-
Utah	220	3	24	58	60	50	18	7	-
White	209	3	23	56	55	49	16	7	-
Black	2	-	-	-	1	-	1	-	-

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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: 1989—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	5.0	*	*	*	*	*	*	*	*
White	5.1	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*
Virginia	8.9	*	10.9	8.7	8.4	7.6	10.8	*	*
White	7.5	*	9.2	7.8	6.8	6.2	9.6	*	*
Black	13.3	*	13.2	10.8	14.5	15.5	*	*	*
Washington	5.1	*	7.5	3.9	5.4	4.4	6.7	*	*
White	5.1	*	7.9	3.9	5.2	4.3	6.6	*	*
Black	10.5	*	*	*	*	*	*	*	*
West Virginia	8.5	*	9.5	7.3	9.2	8.1	*	*	*
White	8.4	*	9.8	6.9	9.0	8.1	*	*	*
Black	*	*	*	*	*	*	*	*	*
Wisconsin	6.6	*	8.5	6.1	5.4	7.0	7.7	*	*
White	5.9	*	7.9	5.0	4.9	6.8	7.7	*	*
Black	12.7	*	11.0	11.6	13.4	*	*	*	*
Wyoming	7.6	*	*	*	*	*	*	*	*
White	7.1	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*

¹ Totals for geographic areas include races other than white and black.
² Underreporting of fetal deaths may have occurred; see Technical Appendix.
³ Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

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Table 3-11. Fetal Deaths by Place of Delivery, Gestation Group, and Race of Mother: United States and Each State, 1989

(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	30,469	30,021	425	11,460	11,284	171	16,706	16,540	161
White	20,520	20,242	265	7,213	7,101	110	11,860	11,751	106
Black	8,938	8,776	153	3,922	3,860	59	4,236	4,183	51
Alabama	632	615	17	296	286	10	332	326	6
White	303	293	10	134	127	7	168	165	3
Black	328	321	7	162	159	3	163	160	3
Alaska	53	52	-	24	24	-	25	25	-
White	28	28	-	10	10	-	16	16	-
Black	6	6	-	3	3	-	3	3	-
Arizona	366	361	5	120	118	2	243	240	3
White	306	301	5	102	100	2	201	198	3
Black	26	26	-	12	12	-	14	14	-
Arkansas	267	263	4	87	83	4	174	174	-
White	166	164	2	58	56	2	105	105	-
Black	92	90	2	28	26	2	61	61	-
California	3,850	3,810	40	1,071	1,063	8	2,161	2,148	13
White	2,916	2,888	28	798	792	6	1,667	1,656	11
Black	623	614	9	190	189	1	297	297	-
Colorado	382	377	5	145	144	1	235	232	3
White	328	323	5	120	119	1	206	203	3
Black	36	36	-	14	14	-	22	22	-
Connecticut	363	353	8	107	104	3	136	134	1
White	274	267	6	73	70	3	107	106	1
Black	84	81	2	32	32	-	27	26	-
Delaware	81	81	-	27	27	-	44	44	-
White	52	52	-	14	14	-	32	32	-
Black	28	28	-	13	13	-	11	11	-
District of Columbia	161	152	6	45	45	-	71	69	2
White	11	11	-	2	2	-	9	9	-
Black	150	141	6	43	43	-	62	60	2
Florida	1,617	1,590	27	605	592	13	911	901	10
White	975	956	19	351	341	10	588	582	6
Black	619	611	8	243	240	3	311	307	4
Georgia	1,222	1,204	18	629	620	9	581	572	9
White	524	518	6	240	237	3	281	278	3
Black	693	681	12	386	380	6	298	292	6
Hawaii	134	131	3	71	69	2	63	62	1
White	45	43	2	28	26	2	17	17	-
Black	6	6	-	4	4	-	2	2	-
Idaho	113	110	3	48	45	3	65	65	-
White	109	106	3	48	45	3	61	61	-
Black	1	1	-	-	-	-	1	1	-
Illinois	1,452	1,429	23	500	489	11	883	874	9
White	887	877	10	303	300	3	542	536	6
Black	545	532	13	190	182	8	329	326	3
Indiana	628	618	10	206	201	5	397	394	3
White	521	513	8	164	160	4	342	340	2
Black	104	102	2	39	38	1	55	54	1
Iowa	248	247	1	97	97	-	145	145	-
White	226	225	1	90	90	-	130	130	-
Black	15	15	-	5	5	-	10	10	-
Kansas	238	233	5	97	94	3	137	135	2
White	192	187	5	75	72	3	114	112	2
Black	43	43	-	20	20	-	22	22	-
Kentucky	427	426	1	167	166	1	250	250	-
White	357	356	1	128	127	1	219	219	-
Black	67	67	-	39	39	-	28	28	-
Louisiana	611	600	10	193	190	3	316	314	2
White	257	253	3	84	84	-	139	138	1
Black	349	342	7	108	105	3	175	174	1
Maine	99	98	-	31	31	-	50	49	-
White	98	97	-	31	31	-	50	49	-
Black	-	-	-	-	-	-	-	-	-
Maryland ⁴	552	538	10	147	144	2	198	198	-
White	251	244	4	63	62	1	102	102	-
Black	290	283	6	82	80	1	92	92	-
Massachusetts	534	531	3	209	208	1	320	318	2
White	424	421	3	151	150	1	269	267	2
Black	94	94	-	57	57	-	36	36	-
Michigan	858	848	9	359	353	6	488	484	3
White	568	563	5	217	215	2	348	345	3
Black	280	276	3	139	138	3	133	132	-

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Table 3-11. Fetal Deaths by Place of Delivery, Gestation Group, and Race of Mother: United States and Each State, 1989—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	415	405	9	123	117	6	220	216	3
White	354	346	7	99	95	4	191	187	3
Black	36	34	2	13	11	2	17	17	-
Mississippi	414	407	6	186	185	-	225	221	4
White	126	125	1	46	46	-	79	79	4
Black	284	278	5	138	137	-	144	140	4
Missouri	503	493	9	186	179	7	308	306	2
White	369	363	6	125	121	4	238	236	2
Black	127	123	3	61	58	3	64	64	-
Montana	84	84	-	30	30	-	52	52	-
White	66	66	-	26	26	-	38	38	-
Black	-	-	-	-	-	-	-	-	-
Nebraska	153	153	-	49	49	-	88	88	-
White	131	131	-	39	39	-	77	77	-
Black	15	15	-	8	8	-	7	7	-
Nevada	168	164	3	66	65	1	98	96	2
White	128	125	2	45	44	1	81	80	1
Black	32	31	1	18	18	-	14	13	1
New Hampshire	123	123	-	43	43	-	80	80	-
White	118	118	-	41	41	-	77	77	-
Black	3	3	-	2	2	-	1	1	-
New Jersey	956	940	16	276	274	2	372	369	3
White	600	589	11	156	155	1	253	250	3
Black	332	327	5	110	109	1	108	108	-
New Mexico ⁴	115	113	2	31	31	-	80	79	1
White	88	87	1	21	21	-	64	64	-
Black	4	3	1	1	1	-	3	2	1
New York	2,952	2,922	30	1,489	1,476	13	1,377	1,361	16
White	1,804	1,787	17	875	866	9	881	874	7
Black	1,086	1,073	13	584	580	4	465	456	9
North Carolina	880	871	9	372	368	4	497	493	4
White	457	454	3	175	174	1	276	274	2
Black	401	395	6	191	188	3	205	203	2
North Dakota	59	55	3	17	13	3	39	39	-
White	54	50	3	17	13	3	34	34	-
Black	-	-	-	-	-	-	-	-	-
Ohio	1,131	1,103	28	417	398	19	704	696	8
White	866	844	22	299	284	15	558	552	6
Black	259	253	6	115	111	4	143	141	2
Oklahoma	393	385	7	82	80	2	164	163	1
White	270	265	4	62	61	1	120	119	1
Black	81	78	3	14	13	1	26	26	-
Oregon	221	216	5	79	76	3	135	134	1
White	204	200	4	71	68	3	127	126	1
Black	8	8	-	4	4	-	4	4	-
Pennsylvania	1,491	1,472	18	664	657	7	741	732	9
White	1,103	1,087	15	457	451	6	579	571	8
Black	371	368	3	204	203	1	148	147	1
Rhode Island	125	124	-	53	53	-	72	71	-
White	106	105	-	43	43	-	63	62	-
Black	18	18	-	9	9	-	9	9	-
South Carolina	600	579	21	252	247	5	335	326	9
White	217	214	3	77	77	-	138	135	3
Black	379	361	18	174	169	5	194	188	6
South Dakota ⁵	71	70	1	22	21	1	49	49	-
White	52	51	1	16	15	1	36	36	-
Black	3	3	-	1	1	-	2	2	-
Tennessee ⁶	414	409	5	97	96	1	311	307	4
White	285	281	4	56	55	1	227	224	3
Black	123	122	1	40	40	-	79	78	1
Texas	2,075	2,043	32	690	681	9	1,295	1,278	17
White	1,583	1,560	23	501	496	5	1,009	996	13
Black	451	442	9	175	171	4	259	255	4
Utah	220	220	-	83	83	-	134	134	-
White	209	209	-	80	80	-	127	127	-
Black	2	2	-	-	-	-	2	2	-
Vermont	43	43	-	21	21	-	20	20	-
White	43	43	-	21	21	-	20	20	-
Black	-	-	-	-	-	-	-	-	-
Virginia	866	863	1	456	454	-	398	397	1
White	534	532	1	268	267	-	256	255	1
Black	314	313	-	181	180	-	132	132	-

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Table 3-11. Fetal Deaths by Place of Delivery, Gestation Group, and Race of Mother: United States and Each State, 1989—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	390	384	6	141	141	-	226	223	3
White	338	333	5	113	113	-	204	202	2
Black	31	31	-	21	21	-	9	9	-
West Virginia	190	188	2	74	74	-	115	113	2
White	179	177	2	72	72	-	106	104	2
Black	10	10	-	2	2	-	8	8	-
Wisconsin	476	472	4	170	169	1	303	301	2
White	371	367	4	118	117	1	251	249	2
Black	89	89	-	47	47	-	41	41	-
Wyoming	53	53	-	10	10	-	43	43	-
White	47	47	-	10	10	-	37	37	-
Black	-	-	-	-	-	-	-	-	-

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 Underreporting of fetal deaths may have occurred; see Technical Appendix.

⁵ Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

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Table 3-12. Fetal Deaths by Birth Weight, Plurality of Birth, Race of Mother, and Sex: Total of 49 Reporting States and the District of Columbia, 1989

[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	29,856	2,933	3,236	6,099	2,827	2,541	2,436	2,381	2,130	1,167	362	141	103	3,500
Fetal deaths in single deliveries	27,549	2,469	2,863	5,602	2,587	2,350	2,310	2,291	2,102	1,163	361	139	103	3,209
Fetal deaths in twin deliveries	2,220	443	355	487	235	182	124	90	28	4	1	2	-	269
Fetal deaths in other plural deliveries	87	21	18	10	5	9	2	-	-	-	-	-	-	22
Male	15,752	1,625	1,744	3,194	1,434	1,341	1,291	1,162	1,060	631	222	83	65	1,900
Fetal deaths in single deliveries	14,502	1,377	1,523	2,931	1,314	1,221	1,222	1,117	1,048	627	221	82	65	1,754
Fetal deaths in twin deliveries	1,209	239	210	259	118	115	69	45	12	4	1	1	-	136
Fetal deaths in other plural deliveries	41	9	11	4	2	5	-	-	-	-	-	-	-	10
Female	14,104	1,308	1,492	2,905	1,393	1,200	1,145	1,219	1,070	536	140	58	38	1,600
Fetal deaths in single deliveries	13,047	1,092	1,340	2,671	1,273	1,129	1,088	1,174	1,054	536	140	57	38	1,455
Fetal deaths in twin deliveries	1,011	204	145	228	117	67	55	45	16	-	-	1	-	133
Fetal deaths in other plural deliveries	46	12	7	6	3	4	2	-	-	-	-	-	-	12
White	20,261	2,007	1,982	3,891	1,870	1,693	1,697	1,756	1,649	950	291	102	77	2,296
Fetal deaths in single deliveries	18,519	1,644	1,725	3,531	1,682	1,542	1,598	1,676	1,623	946	290	100	77	2,085
Fetal deaths in twin deliveries	1,669	343	245	352	183	144	97	80	26	4	1	2	-	192
Fetal deaths in other plural deliveries	73	20	12	8	5	7	2	-	-	-	-	-	-	19
Male	10,594	1,085	1,063	2,003	964	881	895	852	801	510	186	58	50	1,246
Fetal deaths in single deliveries	9,671	895	910	1,820	867	790	841	812	790	506	185	57	50	1,148
Fetal deaths in twin deliveries	890	182	146	180	95	87	54	40	11	4	1	1	-	89
Fetal deaths in other plural deliveries	33	8	7	3	2	4	-	-	-	-	-	-	-	9
Female	9,667	922	919	1,888	906	812	802	904	848	440	105	44	27	1,050
Fetal deaths in single deliveries	8,848	749	815	1,711	815	752	757	864	833	440	105	43	27	937
Fetal deaths in twin deliveries	779	161	99	172	88	57	43	40	15	-	-	1	-	103
Fetal deaths in other plural deliveries	40	12	5	5	3	3	2	-	-	-	-	-	-	10
Black	8,589	842	1,174	2,010	852	755	649	533	391	182	51	36	22	1,092
Fetal deaths in single deliveries	8,082	751	1,061	1,884	810	723	625	526	391	182	51	36	22	1,020
Fetal deaths in twin deliveries	495	90	107	124	42	32	24	7	-	-	-	-	-	69
Fetal deaths in other plural deliveries	12	1	6	2	-	-	-	-	-	-	-	-	-	3
Male	4,642	497	636	1,093	409	412	355	266	215	104	26	22	13	594
Fetal deaths in single deliveries	4,346	445	570	1,020	390	387	340	261	215	104	26	22	13	553
Fetal deaths in twin deliveries	289	51	62	72	19	25	15	5	-	-	-	-	-	40
Fetal deaths in other plural deliveries	7	1	4	1	-	-	-	-	-	-	-	-	-	1
Female	3,947	345	538	917	443	343	294	267	176	78	25	14	9	498
Fetal deaths in single deliveries	3,736	306	491	864	420	336	285	265	176	78	25	14	9	467
Fetal deaths in twin deliveries	206	39	45	52	23	7	9	2	-	-	-	-	-	29
Fetal deaths in other plural deliveries	5	-	2	1	-	-	-	-	-	-	-	-	-	2

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.

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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 Reporting States and the District of Columbia, 1989

[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	29,856	6,860	4,406	3,722	4,154	1,257	4,087	1,330	838	1,001	2,201	7.5
Fetal deaths in single deliveries	27,549	6,114	4,045	3,421	3,840	1,146	3,858	1,276	817	974	2,058	7.1
Fetal deaths in twin deliveries	2,220	708	354	291	297	109	227	53	21	26	134	24.5
Fetal deaths in other plural deliveries	87	38	7	10	17	2	2	1	-	1	9	30.5
Male	15,752	3,881	2,273	1,883	2,207	659	2,114	670	420	461	1,184	7.7
Fetal deaths in single deliveries	14,502	3,464	2,098	1,703	2,040	598	1,995	647	409	446	1,102	7.2
Fetal deaths in twin deliveries	1,209	394	175	174	162	59	118	23	11	15	78	26.5
Fetal deaths in other plural deliveries	41	23	-	6	5	2	1	-	-	-	4	29.3
Female	14,104	2,979	2,133	1,839	1,947	598	1,973	660	418	540	1,017	7.2
Fetal deaths in single deliveries	13,047	2,650	1,947	1,718	1,800	548	1,863	629	408	528	956	6.9
Fetal deaths in twin deliveries	1,011	314	179	117	135	50	109	30	10	11	56	22.4
Fetal deaths in other plural deliveries	46	15	7	4	12	-	1	1	-	1	5	31.7
White	20,261	4,267	2,861	2,425	2,862	896	3,063	1,028	652	794	1,413	6.4
Fetal deaths in single deliveries	18,519	3,734	2,593	2,200	2,617	811	2,868	986	635	769	1,306	6.0
Fetal deaths in twin deliveries	1,669	501	261	217	230	84	193	41	17	24	101	23.8
Fetal deaths in other plural deliveries	73	32	7	8	15	1	2	1	-	1	6	28.9
Male	10,594	2,393	1,467	1,223	1,542	462	1,564	506	325	356	756	6.5
Fetal deaths in single deliveries	9,671	2,106	1,335	1,088	1,414	419	1,464	489	317	342	697	6.1
Fetal deaths in twin deliveries	890	268	132	130	124	42	99	17	8	14	56	25.2
Fetal deaths in other plural deliveries	33	19	-	5	4	1	1	-	-	-	3	26.6
Female	9,667	1,874	1,394	1,202	1,320	434	1,499	522	327	438	657	6.3
Fetal deaths in single deliveries	8,848	1,628	1,258	1,112	1,203	392	1,404	497	318	427	609	5.9
Fetal deaths in twin deliveries	779	233	129	87	106	42	94	24	9	10	45	22.3
Fetal deaths in other plural deliveries	40	13	7	3	11	-	1	1	-	1	3	31.2
Black	8,589	2,418	1,396	1,179	1,134	307	860	257	156	168	714	13.2
Fetal deaths in single deliveries	8,082	2,212	1,313	1,109	1,081	286	831	249	152	167	682	12.7
Fetal deaths in twin deliveries	495	200	83	68	52	21	29	8	4	1	29	28.2
Fetal deaths in other plural deliveries	12	6	-	2	1	-	-	-	-	-	3	-
Male	4,642	1,387	738	604	589	162	465	139	84	91	383	14.0
Fetal deaths in single deliveries	4,346	1,262	702	562	557	149	447	134	81	90	362	13.5
Fetal deaths in twin deliveries	289	121	36	41	31	13	18	5	3	1	20	32.8
Fetal deaths in other plural deliveries	7	4	-	1	1	-	-	-	-	-	1	-
Female	3,947	1,031	658	575	545	145	395	118	72	77	331	12.3
Fetal deaths in single deliveries	3,736	950	611	547	524	137	384	115	71	77	320	12.0
Fetal deaths in twin deliveries	206	79	47	27	21	8	11	3	1	-	9	23.5
Fetal deaths in other plural deliveries	5	2	-	1	-	-	-	-	-	-	2	-

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.

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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: 1989

(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												Not stated
		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	
United States	30,469	2,971	3,332	6,246	2,895	2,601	2,517	2,420	2,169	1,185	370	143	103	3,517
White	20,520	2,029	2,013	3,943	1,901	1,719	1,728	1,776	1,670	962	295	102	77	2,305
Black	8,938	857	1,239	2,104	887	789	699	552	408	188	55	38	22	1,100
Male	16,077	1,651	1,793	3,270	1,474	1,364	1,331	1,182	1,082	644	226	85	65	1,910
White	10,734	1,099	1,083	2,031	982	890	910	860	814	519	187	58	50	1,251
Black	4,826	509	665	1,140	431	426	380	278	224	108	29	24	13	599
Female	14,392	1,320	1,539	2,976	1,421	1,237	1,186	1,238	1,087	541	144	58	38	1,607
White	9,786	930	930	1,912	919	829	818	916	856	443	108	44	27	1,054
Black	4,112	348	574	964	456	363	319	274	184	80	26	14	9	501
Alabama	632	63	112	138	53	60	46	39	39	23	7	7	3	42
White	303	38	45	57	30	29	18	22	25	11	1	3	3	21
Black	328	25	67	80	23	31	28	17	14	12	6	4	-	21
Alaska	53	6	8	7	4	7	2	4	3	4	-	-	-	8
White	28	2	5	3	4	3	1	2	3	3	-	-	-	2
Black	6	2	-	1	-	1	-	1	-	-	-	-	-	1
Arizona	366	32	40	71	37	35	33	36	43	15	5	1	1	17
White	306	27	34	61	30	30	28	28	35	13	4	1	3	15
Black	26	3	4	5	4	3	1	4	1	-	-	-	-	1
Arkansas	267	18	27	58	28	23	29	31	15	16	4	-	-	18
White	166	16	16	35	17	14	19	19	8	12	2	-	-	11
Black	92	2	11	22	9	9	9	12	6	3	2	-	-	7
California	3,850	246	434	877	436	363	385	383	319	198	76	26	25	82
White	2,916	192	316	644	326	260	291	302	251	170	62	19	19	64
Black	623	35	89	164	76	70	63	48	33	17	7	5	6	10
Colorado	382	56	38	54	30	38	40	38	25	10	1	1	2	49
White	328	47	33	43	25	34	37	32	22	9	1	1	2	42
Black	36	6	3	6	5	2	3	3	2	1	-	-	-	5
Connecticut	363	59	48	63	35	24	29	31	16	10	3	-	1	44
White	274	46	32	43	30	17	20	27	14	10	3	-	-	32
Black	84	13	14	19	5	6	8	4	2	-	-	-	1	12
Delaware	81	6	7	16	9	7	6	5	2	4	2	-	-	17
White	52	5	4	6	6	3	5	4	2	4	2	-	-	11
Black	28	1	3	10	3	3	1	1	-	-	-	-	-	6
District of Columbia	161	7	17	41	21	15	10	10	6	1	1	-	-	32
White	11	1	-	3	5	1	-	-	-	-	-	-	-	3
Black	150	6	17	38	16	14	10	10	6	1	1	-	-	31
Florida	1,617	125	167	387	171	148	122	120	107	52	22	8	4	184
White	975	82	101	216	93	96	72	71	70	42	18	6	4	104
Black	619	42	64	163	77	51	46	47	34	9	4	2	-	80
Georgia	1,222	188	154	224	92	88	86	62	76	38	9	2	6	197
White	524	80	49	86	39	33	44	44	44	20	4	1	3	81
Black	693	107	103	138	53	55	42	22	32	17	5	1	3	115
Hawaii	134	36	9	12	7	7	3	4	3	1	1	-	-	49
White	45	15	1	4	3	4	-	2	-	3	-	-	-	15
Black	6	-	1	-	-	1	-	-	-	-	-	-	-	4
Idaho	113	19	9	28	12	6	10	6	9	3	-	1	-	10
White	109	19	9	27	10	6	9	6	9	3	-	1	-	10
Black	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Illinois	1,452	145	143	297	158	155	115	135	105	53	16	5	4	121
White	887	92	85	180	101	83	65	87	65	41	14	2	3	65
Black	545	52	57	111	55	70	48	40	38	12	2	3	1	56
Indiana	628	44	70	122	51	54	54	59	50	24	7	4	1	88
White	521	40	58	93	45	43	47	52	45	24	7	3	1	63
Black	104	4	12	28	5	11	7	7	5	-	-	1	-	24
Iowa	248	29	25	56	13	20	19	29	24	14	6	-	-	13
White	226	26	24	48	12	20	19	24	22	14	4	-	-	13
Black	15	2	1	6	-	-	-	4	1	1	1	-	-	-
Kansas	238	5	37	64	27	22	29	20	16	12	3	-	1	2
White	192	5	28	47	24	15	25	17	15	11	3	-	1	1
Black	43	-	8	16	2	7	4	3	1	-	-	-	-	1
Kentucky	427	45	47	99	45	42	36	34	39	15	3	1	1	20
White	357	38	37	80	42	33	30	28	37	13	3	1	1	14
Black	67	7	10	19	3	8	6	6	1	-	-	-	-	6
Louisiana	611	38	95	147	67	59	81	39	39	19	7	2	-	18
White	257	22	30	53	30	25	31	20	21	13	3	-	-	9
Black	349	15	65	93	35	34	50	19	17	6	4	2	-	9
Maine	99	5	8	19	6	5	7	3	3	4	4	-	-	35
White	98	5	8	19	6	5	7	3	3	4	4	-	-	34
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland ³	552	39	50	107	60	41	36	40	32	18	3	1	-	125
White	251	21	20	40	26	18	21	22	19	10	2	-	-	52
Black	290	18	30	65	32	21	15	18	11	7	1	1	-	71

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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: 1989—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											Not stated	
		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
Massachusetts	534	61	80	98	64	42	51	49	47	18	9	4	1	10
White	424	49	56	75	52	35	40	39	43	16	8	3	-	8
Black	94	11	23	20	7	7	11	7	3	1	1	1	1	2
Michigan	858	105	114	190	80	78	74	85	63	29	11	4	4	21
White	568	71	68	110	49	48	59	57	51	24	10	3	2	16
Black	280	34	45	78	31	26	15	26	12	5	1	1	1	5
Minnesota	415	33	44	51	23	35	33	34	24	16	2	3	-	117
White	354	24	34	47	22	30	29	29	21	15	-	3	-	100
Black	36	4	8	2	-	3	2	2	1	1	-	-	-	12
Mississippi	414	45	69	97	36	32	32	31	28	16	4	1	-	23
White	126	13	14	29	12	10	6	12	14	8	1	-	-	7
Black	284	32	54	67	24	22	25	19	13	8	3	1	-	16
Missouri	503	47	62	94	48	49	50	48	31	23	8	3	3	37
White	369	37	40	61	33	37	33	39	26	22	7	2	3	29
Black	127	10	22	33	15	10	15	8	3	1	1	1	-	8
Montana	84	5	8	23	9	7	5	8	4	4	1	2	-	8
White	66	5	8	17	4	7	3	7	4	3	-	2	-	6
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	153	18	18	26	14	16	18	12	15	10	-	-	-	6
White	131	15	15	22	12	13	16	11	14	9	-	-	-	4
Black	15	3	3	3	2	1	1	1	1	-	-	-	-	-
Nevada	168	6	13	35	16	15	10	13	6	6	2	1	-	45
White	128	4	10	27	12	11	8	11	5	5	2	-	-	33
Black	32	2	3	6	3	3	2	1	1	1	-	1	-	9
New Hampshire	123	15	14	20	15	10	12	13	10	7	3	1	-	3
White	118	15	14	19	14	9	12	12	9	7	3	1	-	3
Black	3	-	-	1	1	-	-	1	-	-	-	-	-	-
New Jersey	956	68	69	136	65	50	38	43	42	29	7	1	-	408
White	600	50	29	82	36	29	25	31	33	25	7	1	-	252
Black	332	17	38	47	28	20	13	11	9	2	-	-	-	147
New Mexico	115	6	1	27	18	12	10	11	18	5	4	-	-	3
White	88	3	1	22	12	7	9	10	14	4	3	-	-	3
Black	4	-	-	2	-	1	-	-	1	-	-	-	-	-
New York	2,952	305	307	597	225	222	190	156	179	81	34	16	6	634
White	1,804	191	160	314	131	121	113	101	133	55	29	12	3	441
Black	1,086	109	140	270	89	101	72	49	41	24	4	4	3	180
North Carolina	880	95	102	202	90	64	75	71	58	36	8	5	1	73
White	457	51	44	103	42	32	36	43	33	26	5	3	1	38
Black	401	43	56	97	44	30	35	27	22	9	3	2	-	33
North Dakota	59	7	2	7	7	8	3	2	9	2	-	-	1	11
White	54	7	2	7	7	5	3	2	8	2	-	-	-	11
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	1,131	112	129	235	112	109	76	98	98	60	10	6	6	80
White	866	81	89	169	79	88	61	81	82	50	10	5	5	66
Black	259	31	39	64	31	21	15	17	16	10	-	1	1	13
Oklahoma	393	27	23	92	41	32	34	23	26	8	6	1	1	79
White	270	18	17	64	29	21	25	14	25	4	2	1	1	49
Black	81	5	4	18	9	7	5	5	2	2	-	-	-	24
Oregon	221	21	26	45	19	17	15	29	18	7	4	2	1	17
White	204	20	24	40	18	17	13	29	16	7	3	1	1	15
Black	8	-	-	4	1	-	-	-	1	-	-	-	-	1
Pennsylvania	1,491	303	155	208	139	82	113	92	92	68	12	3	5	219
White	1,103	208	94	157	87	62	88	73	78	61	11	3	5	176
Black	371	91	61	50	50	20	23	17	12	7	-	-	-	40
Rhode Island	125	11	7	22	2	10	6	6	8	3	1	-	-	49
White	106	10	6	15	2	9	5	6	6	3	1	-	-	43
Black	18	1	-	7	-	1	-	-	2	-	-	-	-	6
South Carolina	600	54	104	147	53	45	51	51	37	12	8	2	1	35
White	217	20	30	48	21	19	16	23	17	6	5	2	1	9
Black	379	33	74	99	32	25	34	27	20	6	3	-	-	26
South Dakota	71	6	2	14	8	8	11	6	10	5	-	-	-	1
White	52	6	2	10	5	5	7	6	8	3	-	-	-	-
Black	3	-	-	-	-	1	-	-	2	-	-	-	-	-
Tennessee	414	1	1	118	63	52	54	45	43	18	5	-	1	13
White	285	1	1	73	36	34	43	30	35	16	4	-	1	11
Black	123	-	-	44	25	18	9	14	8	2	1	-	-	2
Texas	2,075	141	199	445	218	199	205	200	177	94	25	11	14	147
White	1,583	109	146	322	155	148	152	165	147	82	23	8	10	116
Black	451	31	50	111	59	46	50	30	25	12	2	3	4	28
Utah	220	31	24	35	21	22	13	20	20	16	3	1	-	14
White	209	31	24	33	19	22	13	18	18	16	3	-	-	12
Black	2	-	-	-	1	-	-	-	-	-	-	1	-	-

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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: 1989—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											Not stated	
		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
Vermont	43	7	5	9	-	4	3	5	4	-	-	-	-	6
White	43	7	5	9	-	4	3	5	4	-	-	-	-	6
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	866	117	99	141	50	50	57	51	44	27	4	4	3	219
White	534	72	57	82	27	29	36	33	37	22	3	2	2	132
Black	314	43	40	57	22	19	19	17	4	5	1	2	1	84
Washington	390	39	37	85	42	27	35	24	27	15	7	3	2	47
White	338	32	30	71	37	25	30	23	25	12	6	3	2	42
Black	31	5	6	11	1	-	4	1	1	2	-	-	-	-
West Virginia	190	20	23	45	11	18	18	22	12	7	4	2	-	8
White	179	20	22	42	11	16	16	20	11	7	4	2	-	8
Black	10	-	1	2	-	2	2	2	1	-	-	-	-	-
Wisconsin	476	51	46	107	37	59	39	40	45	25	7	7	3	10
White	371	37	32	78	28	47	31	35	40	22	7	6	2	6
Black	89	12	13	27	8	8	4	4	5	3	-	1	-	4
Wyoming	53	3	4	8	7	8	8	4	3	2	1	1	1	3
White	47	3	4	7	5	7	8	2	3	2	1	1	1	3
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 Underreporting of fetal deaths may have occurred; see Technical Appendix.
⁴ Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

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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: 1989

(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 *									
		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	30,469	6,956	4,504	3,799	4,236	1,279	4,165	1,356	852	1,019	2,303
White	20,520	4,310	2,903	2,453	2,894	908	3,105	1,044	655	801	1,447
Black	8,938	2,470	1,452	1,228	1,184	317	896	266	166	179	780
Male	16,077	3,939	2,328	1,920	2,244	669	2,156	683	426	472	1,240
White	10,734	2,418	1,496	1,236	1,555	467	1,585	516	326	360	775
Black	4,826	1,419	764	628	613	167	486	142	89	98	420
Female	14,392	3,017	2,176	1,879	1,992	610	2,009	673	426	547	1,063
White	9,786	1,892	1,407	1,217	1,339	441	1,520	528	329	441	672
Black	4,112	1,051	688	600	571	150	410	124	77	81	360
Alabama	632	182	114	89	78	27	83	20	10	25	4
White	303	82	52	36	42	15	44	11	6	14	1
Black	328	100	62	52	36	12	39	9	4	11	3
Alaska	53	17	7	6	7	2	5	1	3	1	4
White	28	6	4	4	3	1	3	1	3	1	2
Black	6	3	-	1	3	1	1	-	-	-	-
Arizona	366	71	49	52	55	16	63	26	16	15	3
White	306	60	42	45	44	16	49	19	15	13	3
Black	26	7	5	5	5	-	2	1	-	1	-
Arkansas	267	53	34	36	53	10	43	14	12	6	6
White	166	33	25	16	37	6	27	8	5	6	3
Black	92	20	8	19	15	2	13	6	6	-	3
California	3,850	575	496	447	533	177	574	165	117	148	618
White	2,916	439	359	322	400	142	447	136	95	125	451
Black	623	99	91	88	79	17	72	18	12	11	136
Colorado	382	89	56	58	45	15	60	23	11	23	2
White	328	72	48	47	42	13	54	20	11	19	2
Black	36	10	4	9	3	1	5	2	-	2	-
Connecticut	363	71	36	34	43	9	31	10	5	4	120
White	274	49	24	24	33	8	26	9	4	3	94
Black	84	21	11	10	8	1	5	1	1	1	25
Delaware	81	12	15	13	9	6	6	5	3	2	10
White	52	6	8	5	5	5	4	5	3	2	6
Black	28	6	7	5	4	1	1	-	-	-	4
District of Columbia	161	25	20	21	19	8	13	3	3	4	45
White	11	2	-	2	4	1	-	-	1	1	-
Black	150	23	20	19	15	7	13	3	2	3	45
Florida	1,617	359	246	237	235	83	221	48	44	43	101
White	975	218	133	138	147	50	152	38	30	33	36
Black	619	139	104	98	88	30	63	10	12	10	65
Georgia	1,222	438	191	140	160	40	136	40	27	38	12
White	524	159	81	47	79	20	66	26	15	28	3
Black	693	278	108	93	80	20	69	14	12	10	9
Hawaii	134	48	23	16	18	5	12	5	2	5	-
White	45	20	8	5	5	2	2	-	-	-	-
Black	6	3	1	1	1	-	-	-	-	-	-
Idaho	113	28	20	17	17	6	12	5	5	3	-
White	109	28	20	14	17	5	12	5	5	3	-
Black	1	-	-	1	-	-	-	-	-	-	-
Illinois	1,452	283	217	208	242	75	201	57	52	48	69
White	887	175	128	122	136	48	137	40	28	31	42
Black	545	104	86	85	102	25	63	16	22	16	26
Indiana	628	112	94	76	99	24	105	31	31	31	25
White	521	87	77	66	80	21	94	25	26	30	15
Black	104	24	15	10	19	3	11	6	5	1	10
Iowa	248	50	47	24	33	16	35	16	7	14	6
White	226	45	45	20	32	13	32	15	6	12	6
Black	15	3	2	3	1	2	2	1	-	1	-
Kansas	238	55	42	31	31	10	38	9	3	15	4
White	192	43	32	23	23	10	33	9	3	13	3
Black	43	11	9	8	7	-	5	-	-	2	1
Kentucky	427	102	65	60	60	15	69	20	14	12	10
White	357	74	54	55	50	14	62	19	10	9	10
Black	67	28	11	5	5	1	6	1	4	2	-
Louisiana	611	96	97	79	81	22	76	26	14	18	102
White	257	43	41	30	31	12	40	16	3	7	34
Black	349	52	56	49	50	10	36	9	10	11	66
Maine	99	17	14	15	12	2	9	5	5	2	18
White	98	17	14	15	12	2	9	5	5	2	17
Black	-	-	-	-	-	-	-	-	-	-	-
Maryland ^a	552	83	64	41	55	15	56	12	8	11	207
White	251	38	25	17	26	11	28	6	6	8	86
Black	290	45	37	23	29	4	27	5	2	2	116

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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: 1989—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	Period of gestation ²									Not stated
		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	
Virginia	866	328	128	79	102	33	101	38	22	23	12
White	534	183	85	43	64	19	69	29	14	18	10
Black	314	139	42	34	34	14	29	9	7	5	1
Washington	390	79	62	60	50	20	59	15	9	13	23
White	338	64	49	54	42	18	58	13	8	11	21
Black	31	13	8	3	3	-	1	1	-	1	1
West Virginia	190	39	35	25	27	7	33	9	9	5	1
White	179	38	34	23	25	6	32	8	8	4	1
Black	10	1	1	1	2	1	1	1	1	1	-
Wisconsin	476	88	82	64	74	18	91	18	21	17	3
White	371	57	61	48	63	13	81	15	17	14	2
Black	89	28	19	16	9	3	6	3	3	1	1
Wyoming	53	7	3	8	14	4	8	5	2	2	-
White	47	7	3	6	11	4	8	5	2	1	-
Black	-	-	-	-	-	-	-	-	-	-	-

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 Underreporting of fetal deaths may have occurred; see Technical Appendix.
⁴ Minimum reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

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Table 3-16. Fetal Deaths by Birth Weight, Period of Gestation, and Race of Mother: United States, 1989

[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											Not stated	
		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
All periods of gestation	30,469	2,971	3,332	6,246	2,895	2,601	2,517	2,420	2,169	1,185	370	143	103	3,517
White	20,520	2,029	2,013	3,943	1,901	1,719	1,728	1,776	1,670	962	295	102	77	2,305
Black	8,938	857	1,239	2,104	887	789	699	552	408	188	55	38	22	1,100
20-23 weeks	6,956	1,953	2,068	1,718	117	47	-	-	-	-	-	-	-	1,053
White	4,310	1,298	1,222	1,030	70	24	-	-	-	-	-	-	-	666
Black	2,470	611	799	637	44	20	-	-	-	-	-	-	-	359
24-27 weeks	4,504	580	740	2,172	394	101	57	17	-	-	-	-	-	443
White	2,903	421	476	1,386	233	53	33	11	-	-	-	-	-	290
Black	1,452	134	244	719	146	46	22	6	-	-	-	-	-	135
28-31 weeks	3,799	196	262	1,289	999	462	177	56	35	11	-	-	-	312
White	2,453	135	152	852	664	283	104	34	24	9	-	-	-	196
Black	1,228	55	102	398	300	169	69	21	9	2	-	-	-	103
32-35 weeks	4,236	80	88	498	837	1,075	806	378	132	58	18	8	7	251
White	2,894	56	63	333	567	734	563	270	83	40	15	5	3	162
Black	1,184	23	23	145	237	301	215	98	42	14	1	3	4	78
36 weeks	1,279	8	1	54	120	226	331	255	143	48	14	4	6	69
White	908	6	-	43	80	157	238	193	100	36	7	2	5	41
Black	317	1	1	10	34	58	80	54	35	11	7	2	1	23
37-39 weeks	4,165	20	7	103	181	415	687	1,013	886	396	115	52	30	260
White	3,105	18	6	62	135	283	492	742	704	321	88	39	22	193
Black	896	2	1	38	40	112	173	226	146	65	20	11	5	57
40 weeks	1,356	2	3	30	31	65	151	265	372	247	60	26	18	86
White	1,044	1	2	20	22	48	98	206	295	204	51	16	14	67
Black	266	-	1	8	8	17	46	52	65	35	6	9	3	16
41 weeks	852	-	1	8	14	32	63	138	260	191	67	22	10	46
White	655	-	1	4	9	24	40	105	192	161	57	17	7	38
Black	166	-	-	4	4	8	20	30	50	26	9	5	3	7
42 weeks and over	1,019	2	-	22	25	55	115	182	253	190	66	23	16	70
White	801	2	-	12	20	45	81	134	207	154	54	18	15	59
Black	179	-	-	9	5	10	28	36	41	28	7	5	1	9
Not stated	2,303	130	162	352	177	123	130	116	88	44	30	8	16	927
White	1,447	92	91	201	101	68	79	81	65	37	23	5	11	593
Black	780	31	68	136	69	48	46	29	20	7	5	3	5	313

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.

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Table 3-17. Fetal Deaths and Fetal Mortality Rates by Age of Mother and Specified Race or National Origin of Mother: United States, 1989

[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	30,469	20,520	8,938	302	68	27	43	138	410	29
Under 15 years	168	58	109	1	-	-	-	-	-	-
15-19 years	4,388	2,526	1,769	44	1	1	6	10	26	5
20-24 years	8,007	5,157	2,622	95	5	5	12	35	70	6
25-29 years	8,443	5,950	2,219	71	18	10	12	32	123	8
30-34 years	6,023	4,308	1,488	54	25	5	11	27	102	3
35-39 years	2,794	2,057	591	32	16	6	2	22	67	1
40-44 years	607	434	134	5	3	-	-	11	20	-
45-49 years	39	30	6	-	-	-	-	1	2	-
	Rate									
All ages	7.5	6.4	13.1	7.6	3.2	3.1	7.6	5.6	5.6	7.8
Under 15 years	14.4	12.4	16.3	*	*	*	*	*	*	*
15-19 years	8.6	7.4	11.6	5.8	*	*	*	*	5.6	*
20-24 years	7.4	6.2	12.0	7.2	*	*	*	7.7	4.7	*
25-29 years	6.6	5.7	13.1	6.8	*	*	*	4.4	4.8	*
30-34 years	7.1	6.1	15.5	9.5	3.1	*	*	3.7	5.4	*
35-39 years	9.4	8.4	17.7	14.6	*	*	*	6.3	8.7	*
40-44 years	13.5	12.0	25.0	*	*	*	*	*	13.6	*
45-49 years	23.8	24.8	*	*	*	*	*	*	*	*

¹ Includes fetal deaths to Aleuts and Eskimos.

² Includes fetal deaths to Part-Hawaiians.

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Table 3-18. Fetal Deaths by Month of Pregnancy Prenatal Care Began, Period of Gestation, and Age and Race of Mother: United States, 1989

(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	30,469	3,019	12,533	4,986	2,436	1,432	802	870	4,391
Under 15 years	168	51	26	17	14	13	8	8	31
15-19 years	4,388	692	1,144	705	523	330	193	184	617
20-24 years	8,007	886	2,923	1,377	720	461	258	272	1,110
25-29 years	8,443	674	3,946	1,364	590	321	179	170	1,199
30-34 years	6,023	433	2,955	981	344	185	93	134	898
35-39 years	2,794	217	1,290	434	198	85	55	75	440
40-44 years	607	63	237	103	47	28	16	26	87
45-49 years	39	3	12	5	-	9	-	1	9
White	20,520	1,386	9,478	3,470	1,518	875	492	559	2,742
Under 15 years	58	19	6	6	6	5	3	3	10
15-19 years	2,526	307	748	440	298	201	107	111	314
20-24 years	5,157	407	2,086	904	460	281	169	172	678
25-29 years	5,950	292	3,114	989	378	191	108	123	755
30-34 years	4,308	214	2,311	720	216	112	58	84	593
35-39 years	2,057	110	1,022	327	131	60	38	47	322
40-44 years	434	35	181	80	29	18	9	19	63
45-49 years	30	2	10	4	-	7	-	-	7
Black	8,938	1,560	2,676	1,336	817	492	281	276	1,500
Under 15 years	109	32	20	11	8	8	5	5	20
15-19 years	1,769	368	380	249	208	123	83	68	290
20-24 years	2,622	462	757	434	235	165	79	90	400
25-29 years	2,219	369	731	322	186	109	65	42	395
30-34 years	1,488	210	543	215	110	62	33	43	272
35-39 years	591	97	201	87	54	16	14	23	99
40-44 years	134	21	43	18	16	8	2	4	22
45-49 years	6	1	1	-	-	1	-	1	2
20-27 weeks of gestation									
All races ²	11,460	1,565	5,145	1,785	825	463	196	54	1,487
Under 15 years	85	27	17	9	7	9	4	-	12
15-19 years	1,772	373	531	287	205	117	29	7	223
20-24 years	2,948	489	1,173	469	239	143	50	16	369
25-29 years	3,178	344	1,602	493	193	103	31	15	397
30-34 years	2,258	197	1,205	342	114	56	15	8	321
35-39 years	1,014	107	530	142	56	25	5	7	142
40-44 years	194	28	83	41	11	8	2	1	20
45-49 years	11	-	4	2	-	2	-	-	3
White	7,213	645	3,703	1,161	465	250	66	34	889
Under 15 years	27	8	5	3	1	4	2	-	4
15-19 years	961	144	338	174	108	62	14	5	116
20-24 years	1,729	204	792	270	145	76	24	5	213
25-29 years	2,080	145	1,189	333	100	54	14	12	233
30-34 years	1,536	87	902	242	64	29	8	6	198
35-39 years	739	44	414	106	41	19	4	6	105
40-44 years	191	13	60	31	6	4	-	-	17
45-49 years	10	-	3	2	-	2	-	-	3
Black	3,922	879	1,306	578	334	197	66	16	546
Under 15 years	58	19	6	6	6	5	2	-	8
15-19 years	777	218	189	109	90	53	15	2	101
20-24 years	1,153	275	355	191	89	63	24	10	146
25-29 years	1,007	191	373	143	86	48	17	3	146
30-34 years	658	107	273	88	45	23	7	1	114
35-39 years	221	56	86	33	13	3	1	-	29
40-44 years	48	13	18	8	5	2	-	-	2
45-49 years	-	-	-	-	-	-	-	-	-
28-36 weeks of gestation									
All races ²	9,314	764	3,856	1,706	854	525	337	387	885
Under 15 years	47	13	5	5	3	4	4	6	7
15-19 years	1,419	190	351	236	196	129	94	91	132
20-24 years	2,529	218	959	490	248	166	100	129	219
25-29 years	2,571	177	1,204	490	198	107	71	74	250
30-34 years	1,763	111	880	327	131	64	37	52	161
35-39 years	779	41	371	131	61	40	24	23	88
40-44 years	193	13	82	27	17	10	7	11	26
45-49 years	13	1	4	-	-	5	-	1	2
White	6,255	351	2,901	1,181	532	312	196	234	548
Under 15 years	13	5	-	2	1	1	1	2	1
15-19 years	804	86	232	147	112	73	48	47	59
20-24 years	1,617	104	669	325	147	98	62	77	135
25-29 years	1,859	76	965	361	136	64	41	53	163
30-34 years	1,273	52	692	231	89	42	23	36	108
35-39 years	545	22	281	93	35	25	17	12	60
40-44 years	135	5	59	22	12	6	4	7	20
45-49 years	9	1	3	-	-	3	-	-	2
Black	2,729	402	822	452	289	196	129	139	300
Under 15 years	33	8	5	3	2	3	3	4	5
15-19 years	588	103	114	81	79	54	45	42	70
20-24 years	832	109	258	148	91	66	34	47	79
25-29 years	619	99	203	109	53	37	28	17	73
30-34 years	416	58	152	77	35	21	13	15	45
35-39 years	191	18	72	30	24	10	5	10	22
40-44 years	47	7	17	4	5	4	1	3	6
45-49 years	3	-	1	-	-	1	-	1	-

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Table 3-18. Fetal Deaths by Month of Pregnancy Prenatal Care Began, Period of Gestation, and Age and Race of Mother: United States, 1989—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	7,392	381	3,319	1,406	702	414	306	395	469
Under 15 years	18	4	2	3	4	-	-	1	4
15-19 years	864	65	237	169	111	73	63	79	67
20-24 years	1,938	106	735	397	217	143	103	121	116
25-29 years	2,080	79	1,082	364	184	104	71	75	121
30-34 years	1,546	66	825	293	92	63	38	66	103
35-39 years	760	43	367	146	75	19	25	40	45
40-44 years	176	16	68	32	19	10	6	13	12
45-49 years	10	2	3	2	-	2	-	-	1
White	5,605	225	2,720	1,075	489	293	215	271	317
Under 15 years	11	3	1	1	4	-	-	1	1
15-19 years	581	40	161	113	77	58	41	53	38
20-24 years	1,439	59	585	297	157	102	79	87	73
25-29 years	1,632	42	915	286	130	68	49	56	86
30-34 years	1,191	40	686	233	57	39	25	37	74
35-39 years	606	28	311	118	53	16	17	26	37
40-44 years	136	12	58	25	11	8	4	11	7
45-49 years	9	1	3	2	-	2	-	-	1
Black	1,507	140	496	276	175	92	80	109	139
Under 15 years	7	1	1	2	-	-	-	-	3
15-19 years	260	22	70	52	30	14	21	23	28
20-24 years	436	45	130	87	50	34	20	31	39
25-29 years	377	34	145	63	44	22	18	18	33
30-34 years	282	22	104	46	30	18	13	25	24
35-39 years	114	14	38	20	15	2	7	11	7
40-44 years	30	1	8	6	6	2	1	1	5
45-49 years	1	1	-	-	-	-	-	-	-

¹ Includes fetal deaths with period of gestation not stated.

² Includes races other than white and black.

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Table 3-19. Fetal Deaths by Specified Hispanic Origin of Mother and Race of Mother for Non-Hispanic Origin: 44 Reporting States, 1989

[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	632	1	-	1	-	-	-	627	301	325	4
Alaska	53	1	-	-	-	-	-	33	20	4	19
Arizona	366	101	93	1	-	1	6	257	202	26	8
Arkansas	267	4	1	-	-	-	3	257	157	92	6
California	3,850	1,424	1,039	7	5	152	221	2,311	1,453	569	115
Colorado	382	66	38	1	-	-	27	299	251	32	17
Connecticut	363	9	6	1	-	-	1	26	21	5	328
Delaware	81	22	2	4	-	-	16	51	32	19	8
Florida	1,617	251	33	29	62	53	74	1,308	752	534	58
Georgia	1,222	19	10	6	1	1	1	1,118	456	657	85
Hawaii	134	10	7	2	-	-	6	118	40	5	6
Idaho	113	7	6	-	-	-	1	100	97	1	6
Illinois	1,452	176	116	18	2	7	33	1,158	676	464	118
Indiana	628	12	3	3	1	-	5	542	452	87	74
Iowa	248	2	2	-	-	-	-	249	221	15	3
Kansas	238	11	9	1	1	-	-	211	167	41	16
Kentucky	427	1	1	-	-	-	-	408	340	65	18
Maine	99	-	-	-	-	-	-	76	75	-	23
Michigan	858	26	12	5	-	-	9	624	391	224	208
Minnesota	415	10	4	1	-	-	5	386	328	34	19
Mississippi	414	-	-	-	-	-	-	406	120	282	8
Missouri	503	5	2	-	-	-	3	486	356	123	12
Montana	84	2	1	-	-	-	1	72	55	-	10
Nebraska	153	4	2	1	1	-	-	140	119	14	9
Nevada	168	20	15	-	2	-	3	136	103	27	12
New Jersey	956	117	3	52	7	36	19	732	447	266	107
New Mexico	115	51	14	-	-	-	37	62	35	4	2
New York	2,952	449	22	219	3	146	59	1,993	1,088	856	510
North Carolina	880	15	4	3	1	2	5	850	438	391	15
North Dakota	59	-	-	-	-	-	-	47	42	-	12
Ohio	1,131	17	4	6	-	1	6	1,083	832	246	31
Oregon	221	15	6	-	-	1	8	203	189	7	3
Pennsylvania	1,491	44	1	24	-	4	15	1,403	1,040	347	44
South Carolina	600	2	1	-	-	-	1	572	211	357	26
South Dakota	71	-	-	-	-	-	-	70	51	3	1
Tennessee	414	4	-	4	-	-	-	396	273	119	14
Texas	2,075	681	602	2	2	34	41	1,364	884	441	30
Utah	220	15	9	-	-	-	6	203	193	2	2
Vermont	43	-	-	-	-	-	-	34	34	-	9
Virginia	866	16	3	1	1	4	7	539	322	207	311
Washington	390	30	14	-	-	-	16	283	246	20	77
West Virginia	190	2	2	-	-	-	-	176	166	9	12
Wisconsin	476	14	8	4	-	-	2	428	330	83	34
Wyoming	53	1	1	-	-	-	-	51	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.

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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 31 Reporting States, 1989

[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 births and fetal deaths in specified group]

Age of mother	All origins	Hispanic					Non-Hispanic			Not stated ³
		Total	Mexican	Puerto Rican	Cuban	Other Hispanic ¹	Total ²	White	Black	
Number										
All ages	20,466	2,922	2,010	111	77	724	16,802	10,825	5,311	742
Under 15 years	120	14	6	2	-	6	101	29	72	5
15-19 years	3,103	466	321	25	11	109	2,552	1,353	1,137	85
20-24 years	5,594	840	611	30	17	182	4,542	2,770	1,634	212
25-29 years	5,519	754	510	30	20	194	4,550	3,161	1,219	215
30-34 years	3,910	497	318	15	16	148	3,286	2,272	855	127
35-39 years	1,792	271	186	7	10	68	1,437	1,013	315	84
40-44 years	402	71	50	1	3	17	317	215	76	14
45-49 years	26	9	8	1	-	-	17	12	3	-
Rate⁴										
All ages	7.4	6.9	6.4	6.6	8.6	8.6	7.2	6.1	12.3	...
Under 15 years	14.2	*	*	*	*	*	15.0	15.6	15.4	...
15-19 years	8.5	6.7	6.0	7.1	*	9.0	8.6	7.4	11.1	...
20-24 years	7.3	6.2	5.9	5.2	*	7.4	7.3	6.1	11.7	...
25-29 years	6.4	6.3	5.9	6.8	5.7	7.7	6.2	5.3	11.7	...
30-34 years	7.1	7.4	6.6	*	*	9.8	6.8	5.8	15.0	...
35-39 years	9.3	10.5	10.1	*	*	11.4	8.7	7.6	18.4	...
40-44 years	13.8	14.3	14.0	*	*	*	13.3	11.6	25.3	...
45-49 years	23.6	*	*	*	*	*	*	*	*	...

¹ Includes Central and South American and other and unknown Hispanic.
² Includes races other than white and black.
³ Includes fetal deaths that occurred in States that did not report Hispanic origin on the report of fetal death.
⁴ Figures for origin not stated included in "All origins" but not distributed among origins.

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Table 4-1. Perinatal Mortality Rates for Three Definitions, by Race: United States, 1950-89

[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											
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											
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	27.9	25.3	41.1	---	33.5	29.9	51.4	---	31.7	28.4	48.2	---
1962	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.

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Table 4-2. Perinatal Deaths and Mortality Ratios and Rates for Three Definitions, by Race and Sex: United States, 1989

[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	38,868	9.6	9.6	55,637	13.8	13.7	51,265	12.7	12.6
Male	20,845	10.1	10.0	30,110	14.5	14.4	27,625	13.3	13.2
Female	18,023	9.1	9.1	25,527	12.9	12.9	23,640	12.0	11.9
White	26,230	8.2	8.2	36,948	11.6	11.5	33,987	10.6	10.6
Male	14,062	8.6	8.6	19,987	12.2	12.1	18,271	11.2	11.1
Female	12,168	7.8	7.8	16,961	10.9	10.8	15,716	10.1	10.0
Black	11,419	17.0	16.8	16,959	25.2	24.9	15,716	23.3	23.0
Male	6,149	18.0	17.9	9,215	27.0	26.6	8,541	25.0	24.6
Female	5,270	15.9	15.8	7,744	23.4	23.1	7,175	21.7	21.4

¹ Figures for gestational age not stated are distributed for fetal deaths; see Technical Appendix.

² Includes races other than white and black.

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Table 4-3. Perinatal Deaths and Mortality Ratios and Rates for Three Definitions, by Race, for Metropolitan and Nonmetropolitan Counties: United States, 1989

[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	38,868	9.6	9.6	55,637	13.8	13.7	51,265	12.7	12.6
White	26,230	8.2	8.2	36,948	11.6	11.5	33,987	10.6	10.6
Black	11,419	17.0	16.8	16,959	25.2	24.9	15,716	23.3	23.0
Metropolitan counties	30,728	9.7	9.6	43,980	13.8	13.7	40,519	12.7	12.6
White	20,105	8.1	8.1	28,306	11.5	11.4	26,045	10.5	10.5
Black	9,695	17.1	17.0	14,365	25.4	25.0	13,282	23.4	23.1
Nonmetropolitan counties	8,137	9.4	9.4	11,657	13.5	13.4	10,746	12.5	12.4
White	6,124	8.5	8.4	8,642	12.0	11.9	7,942	11.0	10.9
Black	1,724	16.2	16.0	2,594	24.3	24.0	2,434	22.8	22.5

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.

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Table 4-4. Perinatal Mortality Rates for Three Definitions, by Race: United States and Each State, 1986-89

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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				
	1989 ²	1989 ³	1988 ³	1987 ³	1986 ³	1989 ²	1989 ³	1988 ³	1987 ³	1986 ³	1989 ²	1989 ³	1988 ³	1987 ³	1986 ³
United States	9.6	9.6	9.7	10.0	10.3	13.7	13.7	13.7	14.1	14.3	12.6	12.6	12.7	13.0	13.2
White	8.2	8.3	8.4	8.7	9.1	11.5	11.6	11.7	12.1	12.5	10.6	10.7	10.8	11.1	11.5
All other	14.8	14.1	14.3	14.8	15.0	21.8	20.8	20.8	21.2	21.1	20.1	19.2	19.3	19.7	19.7
Black	16.8	16.2	16.5	16.9	17.0	24.9	24.0	24.1	24.4	24.1	23.0	22.3	22.4	22.7	22.5
Alabama	11.6	11.6	12.1	12.6	14.1	17.9	17.9	18.3	18.1	20.1	16.3	16.3	16.7	16.2	18.6
White	9.1	9.1	9.7	10.1	11.3	13.8	13.8	14.2	14.1	15.5	12.3	12.4	13.1	12.8	14.3
All other	16.3	16.1	16.3	17.3	19.4	25.5	25.2	25.5	25.5	28.6	23.4	23.2	23.3	22.5	26.5
Black	16.6	16.5	16.4	17.7	19.7	25.9	25.8	25.8	26.1	29.1	23.9	23.8	23.6	23.0	27.0
Alaska	5.8	5.8	7.2	7.2	10.8	8.8	8.8	11.1	11.5	13.7	8.0	8.0	9.9	9.9	12.2
White	5.1	5.2	5.8	6.5	9.8	7.0	7.1	8.8	9.7	11.8	6.5	6.5	7.7	8.7	10.8
All other	7.2	6.9	9.5	8.5	12.9	12.5	11.8	15.5	15.1	17.9	11.2	10.6	14.0	12.3	15.5
Black															
Arizona	8.1	8.1	8.6	9.1	8.7	10.9	10.9	12.2	12.5	11.5	9.9	9.9	11.1	11.5	10.7
White	7.9	8.0	8.2	8.5	8.4	10.7	10.7	11.8	11.8	11.2	9.7	9.7	10.7	10.9	10.3
All other	9.2	8.7	10.9	11.8	9.9	12.3	12.0	14.1	16.1	13.4	11.0	10.9	13.3	14.6	12.5
Black	15.7	13.5	18.8	17.3	13.5	21.1	19.5	24.2	23.0	18.6	20.3	18.8	22.6	22.0	17.9
Arkansas	9.6	9.6	10.5	9.5	10.7	13.4	13.4	14.7	13.5	13.7	12.1	12.1	13.2	12.3	12.5
White	7.8	7.9	8.5	8.2	9.3	11.2	11.3	11.7	11.9	12.3	10.0	10.1	10.6	10.8	11.0
All other	15.1	14.6	16.6	13.4	14.9	20.0	19.3	23.5	18.5	18.0	18.4	17.8	20.8	16.7	17.3
Black	14.6	14.3	17.5	13.7	15.2	19.6	19.2	24.6	19.0	18.4	17.9	17.6	21.8	17.2	17.7
California	8.7	8.7	8.7	9.0	9.1	11.9	11.9	11.8	12.3	12.3	10.9	10.9	10.8	11.3	11.2
White	8.0	8.2	8.3	8.6	8.7	11.0	11.2	11.1	11.6	11.8	10.0	10.2	10.2	10.5	10.6
All other	11.5	10.5	10.1	10.8	10.4	15.9	14.5	14.6	15.1	14.1	14.5	13.3	13.3	13.9	13.1
Black	16.8	15.1	14.7	15.5	15.3	23.7	21.1	21.6	22.2	21.3	21.7	19.4	19.5	20.5	19.7
Colorado	8.7	8.7	8.7	9.4	8.8	12.3	12.3	13.1	14.3	13.1	11.4	11.4	12.0	13.3	12.3
White	8.3	8.3	8.6	9.2	8.6	11.5	11.7	12.7	13.9	12.7	10.7	10.9	11.6	12.9	11.9
All other	13.3	11.8	9.7	11.7	11.5	20.8	18.1	16.8	17.8	16.7	18.8	16.4	15.9	16.8	15.9
Black	16.9	15.0	11.0	15.4	14.5	24.4	21.3	21.2	23.7	21.8	21.9	19.1	20.0	22.1	20.8
Connecticut	9.8	9.8	9.1	9.0	10.0	13.6	13.6	12.9	12.8	13.0	13.0	13.0	12.1	12.0	12.3
White	8.5	8.6	8.4	7.7	8.7	11.7	11.8	11.5	11.1	11.2	11.2	11.3	10.8	10.6	10.5
All other	16.7	15.6	13.4	16.7	17.4	24.3	22.4	20.6	22.5	23.8	23.1	21.3	19.2	20.6	22.8
Black	18.5	17.5	14.6	18.8	19.7	26.7	24.8	22.4	25.5	26.1	25.4	23.7	20.9	23.3	25.0
Delaware	12.0	12.0	11.7	12.9	12.5	16.0	16.0	14.8	16.0	16.7	14.8	14.8	14.1	15.3	15.5
White	10.4	10.3	8.7	10.5	10.3	13.6	13.5	11.8	12.4	13.7	12.4	12.2	11.1	11.9	12.3
All other	16.5	16.8	20.8	19.7	18.9	23.0	23.2	23.8	26.3	25.6	21.9	22.1	23.4	25.1	24.8
Black	16.9	17.3	21.8	21.1	19.1	23.8	24.1	25.1	28.1	26.2	22.6	22.9	24.7	26.8	25.3
District of Columbia	22.6	22.6	21.2	19.9	20.2	29.2	29.2	29.9	26.2	28.4	27.7	27.7	27.8	24.4	25.7
White	12.1	12.8	13.8	13.7	13.7	14.6	14.6	22.6	17.0	15.6	13.2	14.0	20.9	15.8	15.0
All other	24.4	24.2	22.6	21.8	22.0	32.0	31.7	31.2	28.1	30.9	30.3	30.0	29.1	26.1	27.7
Black	26.5	26.3	24.4	23.6	23.3	34.7	34.4	33.8	30.5	32.7	32.8	32.6	31.5	28.3	29.3
Florida	10.4	10.4	11.2	10.8	11.3	14.7	14.7	15.4	14.8	15.6	13.6	13.6	14.2	13.8	14.4
White	8.4	8.4	9.0	8.3	9.2	11.7	11.8	12.3	11.4	12.6	10.8	10.9	11.2	10.5	11.6
All other	16.4	15.9	17.5	18.1	17.3	23.9	23.2	24.1	24.7	24.3	22.1	21.5	22.8	23.1	22.8
Black	17.0	16.6	18.2	18.7	18.0	24.6	24.1	25.2	25.6	25.3	22.8	22.3	23.8	24.0	23.7
Georgia	11.8	11.8	12.3	12.9	12.9	18.9	18.9	19.4	20.2	19.5	17.5	17.5	18.2	19.0	18.3
White	8.5	8.6	9.1	10.4	10.0	13.1	13.2	14.1	16.2	15.2	11.9	12.0	13.2	15.1	14.1
All other	17.4	17.1	17.8	17.1	18.1	28.7	28.2	27.2	27.3	26.8	26.3	26.4	25.9	25.8	25.8
Black	18.0	17.7	18.2	17.6	18.5	29.5	29.0	28.9	27.9	27.8	27.5	27.2	27.1	26.8	26.3
Hawaii	6.4	6.4	8.4	8.5	11.0	11.1	11.1	14.1	12.4	16.0	10.0	10.0	13.2	11.7	15.3
White	4.7	5.8	9.1	7.4	10.4	9.5	10.9	15.6	13.1	14.9	9.3	10.6	15.3	12.7	14.5
All other	7.1	6.6	8.2	8.8	11.2	11.8	11.1	13.6	12.2	16.4	10.3	9.8	12.5	11.4	15.6
Black															
Idaho	8.9	8.9	6.6	8.6	9.7	13.3	13.3	9.9	12.4	13.4	11.9	11.9	9.1	11.2	12.3
White	8.6	8.7	6.7	8.4	9.5	13.1	13.2	9.7	12.1	13.2	11.7	11.8	9.0	10.9	12.1
All other	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Black															
Illinois	11.1	11.1	10.7	11.4	11.7	15.0	15.0	14.5	15.3	15.5	13.8	13.8	13.3	14.0	14.3
White	8.8	8.9	8.7	9.4	9.5	12.1	12.1	11.8	12.6	12.7	11.0	11.1	10.8	11.5	11.6
All other	17.6	17.0	16.5	17.3	18.8	23.5	22.9	22.4	23.3	24.8	21.7	21.1	20.8	21.3	22.8
Black	19.1	18.5	17.9	18.8	19.4	25.5	24.9	24.1	25.1	25.7	23.6	23.0	22.5	23.0	23.7
Indiana	10.3	10.3	10.0	10.8	11.6	13.9	13.9	13.7	14.2	15.0	12.9	12.9	12.6	13.3	13.8
White	9.5	9.5	9.0	9.4	10.4	12.7	12.8	12.5	12.3	13.4	11.7	11.7	11.5	11.4	12.4
All other	16.9	16.1	16.9	21.3	20.7	22.5	21.5	21.9	28.6	26.8	21.5	20.6	20.2	27.4	24.5
Black	18.1	17.7	18.6	20.6	21.9	24.0	23.3	23.7	28.2	28.1	22.9	22.3	22.1	27.0	25.7
Iowa	8.4	8.4	8.9	8.7	8.6	11.8	11.8	12.0	11.9	11.5	10.9	10.9	11.0	11.1	10.6
White	7.8	7.8	8.9	8.5	8.4	11.1	11.0	11.8	11.7	11.3	10.3	10.2	10.8	10.8	10.3
All other	20.2	18.5	*	12.8	12.5	26.6	25.3	15.8	17.2	17.0	24.3	23.3	14.7	16.7	15.9
Black	23.4	22.0	*	*	*	29.9	28.9	18.0	20.9	20.1	28.0	27.3	*	20.0	18.3
Kansas	7.3	7.3	8.1	9.1	8.5	10.8	10.8	10.7	12.0	11.2	9.8	9.8	10.0	11.2	10.3
White	6.8	6.9	7.3	8.4	8.1	9.9	10.0	9.6	10.8	10.7	9.0	9.1	9.1	10.0	9.7
All other	10.8	9.6	13.7	14.1	11.5	17.7	16.0	18.0	20.6	15.5	15.9	14.4	16.8	19.7	14.4
Black	12.6	11.4	15.4	16.2	14.1	20.7	19.0	21.0	24.9	19.4	18.6	17.2	19.7	23.8	18.0

SECTION 4 - PERINATAL MORTALITY - PAGE 5

Table 4-4. Perinatal Mortality Rates for Three Definitions, by Race: United States and Each State, 1986-89—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 ^a					Perinatal Definition II					Perinatal Definition III				
	1989 ^b	1989 ^c	1988 ^d	1987 ^e	1986 ^f	1989 ^b	1989 ^c	1988 ^d	1987 ^e	1986 ^f	1989 ^b	1989 ^c	1988 ^d	1987 ^e	1986 ^f
Kentucky	9.1	9.1	10.3	9.6	9.8	13.2	13.2	14.6	13.9	14.3	12.2	12.2	13.3	12.7	13.1
White	8.4	8.4	9.7	9.4	9.4	12.1	12.2	13.7	13.1	13.5	11.1	11.2	12.5	11.9	12.4
All other	14.7	14.2	15.4	11.9	12.9	22.3	21.4	22.1	21.0	20.8	21.6	20.7	20.5	19.8	19.3
Black	15.0	14.7	16.3	12.5	13.8	23.2	22.5	23.3	21.9	21.7	22.4	21.7	21.6	20.7	20.3
Louisiana	11.2	11.2	11.0	11.2	11.8	15.5	15.5	15.1	15.5	16.0	14.4	14.4	14.0	14.1	14.9
White	8.3	8.4	8.8	8.2	8.8	11.6	11.7	12.2	11.3	12.1	10.6	10.7	11.1	10.4	11.2
All other	15.1	14.9	14.0	15.4	16.0	20.8	20.6	19.0	21.1	21.6	19.4	19.2	17.8	19.2	20.1
Black	15.6	15.5	14.5	16.0	16.6	21.5	21.3	19.6	21.8	22.4	19.9	19.8	18.4	19.8	20.9
Maine	7.5	7.5	8.7	8.0	9.4	10.7	10.7	11.9	10.6	11.5	9.7	9.7	11.0	9.9	10.9
White	7.5	7.4	8.3	7.9	9.4	10.6	10.5	11.4	10.5	11.6	9.7	9.5	10.5	9.7	11.0
All other	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maryland	9.4	9.4	10.6	11.5	12.0	13.5	13.5	15.2	16.3	16.4	12.3	12.3	14.1	14.9	15.1
White	6.8	6.9	8.0	8.9	9.6	9.7	9.9	11.3	12.7	12.9	8.6	8.8	10.3	11.5	11.7
All other	14.3	13.7	15.4	16.5	16.6	20.6	19.7	22.5	22.9	23.2	19.4	18.6	20.9	21.3	21.7
Black	15.4	14.9	16.8	17.7	17.6	22.3	21.6	24.3	24.7	24.8	21.0	20.3	22.6	23.1	23.2
Massachusetts	7.9	7.9	8.2	7.9	9.1	11.1	11.1	11.6	10.9	12.5	10.2	10.2	10.9	10.2	11.6
White	7.2	7.4	7.7	7.3	8.5	10.0	10.1	10.8	10.0	11.6	9.1	9.3	10.0	9.3	10.8
All other	12.5	11.2	11.5	11.9	13.8	18.3	16.4	17.0	16.7	19.5	17.4	15.6	16.5	16.2	18.2
Black	15.3	13.6	15.2	14.5	16.8	23.0	20.6	22.5	20.4	24.2	22.0	19.8	21.9	19.6	22.5
Michigan	9.4	9.4	9.4	9.7	10.0	12.9	12.9	12.8	12.9	13.1	11.8	11.8	11.6	11.8	11.9
White	7.5	7.5	7.2	7.7	8.1	10.1	10.1	9.9	10.4	10.7	9.3	9.4	8.8	9.4	9.7
All other	16.4	15.9	17.8	17.7	17.9	23.0	22.3	24.0	22.8	23.0	20.8	20.1	22.2	21.3	21.0
Black	17.3	17.0	18.9	18.9	19.0	24.2	23.7	25.6	24.3	24.5	22.0	21.5	23.7	22.6	22.4
Minnesota	7.3	7.3	7.9	7.6	8.7	10.2	10.2	11.3	11.1	11.5	9.5	9.5	10.6	10.0	10.3
White	6.9	6.9	7.3	7.1	8.8	9.5	9.6	10.6	10.6	11.5	8.8	8.9	10.0	9.5	10.4
All other	11.4	10.6	12.7	11.8	7.3	17.4	15.8	17.1	17.0	11.0	16.1	14.7	16.7	15.8	9.3
Black	18.6	16.8	18.6	16.5	9.3	27.7	24.4	23.9	24.0	14.0	24.9	22.1	23.9	22.0	12.6
Mississippi	11.3	11.3	11.7	13.5	13.0	16.7	16.7	17.5	19.7	19.0	15.5	15.5	16.2	18.2	17.4
White	8.6	8.6	8.8	9.5	9.6	11.7	11.7	12.5	13.4	13.4	10.6	10.6	11.3	12.0	12.1
All other	14.1	14.0	14.7	18.0	16.7	21.9	21.8	22.8	26.6	25.2	20.7	20.6	21.3	24.9	23.4
Black	14.3	14.3	14.9	18.4	16.7	22.2	22.1	23.0	27.1	25.2	20.9	20.9	21.6	25.4	23.4
Missouri	8.7	8.7	9.5	9.1	9.5	12.3	12.3	13.0	13.2	13.0	11.1	11.1	12.0	12.1	11.9
White	8.0	8.0	8.6	8.1	8.6	11.0	11.1	11.6	11.6	11.5	10.0	10.0	10.6	10.6	10.5
All other	12.0	11.6	13.7	13.8	13.8	18.4	17.7	19.3	20.7	20.3	16.4	15.8	17.9	18.8	18.4
Black	12.2	12.1	14.3	14.5	14.5	19.1	18.8	20.3	21.6	21.4	16.9	16.7	18.8	19.6	19.5
Montana	8.8	8.8	9.0	8.4	9.6	12.7	12.7	12.1	12.2	12.9	11.4	11.4	11.4	11.1	11.8
White	7.7	8.0	9.0	8.4	8.9	11.5	11.8	12.1	12.1	12.0	10.3	10.6	11.3	11.0	10.9
All other	15.9	13.2	*	*	14.9	20.4	17.5	11.9	13.2	19.7	18.4	15.9	11.9	11.5	18.5
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nebraska	7.4	7.4	9.2	9.1	10.2	10.7	10.7	12.0	12.0	13.9	9.6	9.6	11.2	11.0	12.5
White	6.9	6.9	8.6	8.7	9.6	9.8	9.9	11.2	11.3	12.9	8.8	8.9	10.4	10.2	11.7
All other	13.4	11.8	15.9	13.4	17.4	21.3	18.7	20.5	19.8	24.5	18.8	16.5	18.6	18.8	21.5
Black	15.1	13.5	19.4	14.6	17.1	22.2	19.9	25.5	23.2	25.9	20.8	18.6	23.4	22.5	22.9
Nevada	8.1	8.1	7.8	9.0	8.1	12.3	12.3	11.4	12.4	12.5	11.5	11.5	11.0	11.6	11.4
White	7.8	7.7	7.0	8.6	8.1	11.1	11.0	10.1	11.5	12.1	10.5	10.4	9.8	10.8	11.0
All other	9.8	10.0	11.5	10.5	8.5	19.8	18.9	17.2	16.5	14.3	17.4	16.8	16.6	14.9	12.9
Black	12.5	13.6	17.0	15.0	*	25.3	25.6	23.9	21.6	18.1	22.0	22.7	23.4	19.4	15.7
New Hampshire	8.8	8.8	8.2	8.4	8.5	11.8	11.8	11.2	11.7	11.0	11.2	11.2	10.2	10.5	9.9
White	8.8	8.8	8.1	8.5	8.5	11.7	11.7	11.0	11.7	11.0	11.1	11.1	10.1	10.4	10.0
All other	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
New Jersey	9.7	9.7	10.2	10.4	10.4	13.9	13.9	14.5	14.6	14.5	13.0	13.0	13.3	13.6	13.3
White	8.1	8.1	8.2	8.7	8.9	11.2	11.3	11.7	11.9	12.4	10.5	10.5	10.7	11.0	11.4
All other	15.1	14.6	16.2	16.2	15.4	22.5	21.9	23.2	24.0	21.6	21.1	20.6	21.6	22.6	19.9
Black	16.9	16.3	17.4	17.2	16.9	25.2	24.6	25.4	25.7	23.9	23.7	23.2	23.7	24.3	22.1
New Mexico	7.2	7.2	8.9	7.4	7.7	9.5	9.5	11.8	9.7	9.7	8.4	8.4	10.6	8.9	8.9
White	6.8	6.9	8.7	7.1	7.7	8.9	9.0	11.4	9.1	9.7	7.8	7.8	10.3	8.4	8.9
All other	9.2	8.7	9.8	9.0	7.7	12.3	11.7	13.5	12.2	9.4	11.2	10.7	11.6	10.8	8.8
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
New York	10.8	10.8	11.1	11.4	11.3	17.1	17.1	16.6	16.8	16.8	16.0	16.0	15.4	15.8	15.8
White	9.1	9.2	9.2	9.8	10.0	14.1	14.2	13.8	14.4	15.0	13.2	13.4	12.8	13.5	14.0
All other	15.7	15.1	16.0	15.6	14.9	25.8	24.9	23.9	23.4	22.0	23.8	23.0	22.3	22.0	20.7
Black	17.9	17.3	18.1	17.3	16.4	29.4	28.3	27.1	26.1	24.2	27.2	26.2	25.4	24.7	22.8
North Carolina	11.3	11.3	11.9	11.8	11.8	16.1	16.1	16.4	16.5	16.2	15.0	15.0	15.3	15.3	15.2
White	8.5	8.6	9.3	9.6	9.6	11.9	12.0	12.8	13.4	13.2	11.0	11.1	11.7	12.5	12.3
All other	17.4	16.9	17.3	16.7	16.7	24.9	24.2	24.0	23.1	22.7	23.4	22.7	22.7	21.5	21.5
Black	17.9	17.6	18.1	17.5	17.5	25.7	25.3	25.2	24.1	23.8	24.2	23.8	23.9	22.5	22.6
North Dakota	7.9	7.9	8.2	7.8	7.9	10.8	10.8	12.3	10.7	10.8	9.8	9.8	10.7	10.2	10.4
White	7.5	7.7	7.8	7.7	7.8	10.6	10.9	11.5	10.7	10.5	9.6	9.8	10.0	10.3	10.1
All other	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	18.6	*	*	*	*	*	*	*

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Table 4-4. Perinatal Mortality Rates for Three Definitions, by Race: United States and Each State, 1986-89—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				
	1989 ²	1989 ³	1988 ³	1987 ³	1986 ³	1989 ²	1989 ³	1988 ³	1987 ³	1986 ³	1989 ²	1989 ³	1988 ³	1987 ³	1986 ³
Ohio	9.6	9.6	9.3	9.3	10.4	13.1	13.1	13.0	13.1	13.9	12.1	12.1	11.9	12.0	12.9
White	8.6	8.6	8.6	8.6	9.4	11.6	11.7	11.9	11.8	12.7	10.7	10.8	10.8	10.8	11.6
All other	14.8	14.2	12.8	12.8	15.2	20.7	19.9	18.5	19.6	20.6	19.1	18.5	17.0	18.0	19.4
Black	15.5	14.9	13.2	13.3	15.6	21.6	20.8	19.3	20.2	21.1	19.9	19.3	17.7	18.6	19.9
Oklahoma	9.3	9.3	9.2	10.0	10.2	13.1	13.1	12.4	13.5	13.9	12.0	12.0	11.5	12.5	12.8
White	8.5	8.9	9.1	9.4	9.7	11.9	12.3	12.3	12.6	13.5	10.9	11.2	11.4	11.5	12.4
All other	12.3	10.6	9.6	11.9	12.0	17.9	15.7	12.7	16.5	15.1	16.2	14.3	11.9	15.7	14.3
Black	15.4	14.2	12.4	16.6	16.6	22.5	21.0	16.7	23.6	21.0	20.7	19.4	15.9	22.8	20.3
Oregon	7.5	7.5	7.5	7.9	8.0	10.3	10.3	10.5	11.3	11.5	9.5	9.5	9.6	10.3	10.6
White	7.5	7.7	7.4	8.0	7.8	10.3	10.4	10.5	11.5	11.2	9.4	9.5	9.6	10.4	10.4
All other	7.3	5.8	8.1	6.5	10.7	10.7	9.5	10.2	8.4	14.7	10.0	8.9	9.6	7.8	13.7
Black	*	*	*	*	*	*	*	*	*	23.8	*	*	*	*	20.7
Pennsylvania	10.5	10.5	10.3	10.5	10.6	15.7	15.7	15.2	16.0	15.5	14.6	14.6	14.2	14.9	14.5
White	9.0	9.1	9.0	9.2	9.6	13.3	13.3	13.0	13.5	13.7	12.4	12.4	12.1	12.6	12.8
All other	17.9	17.2	16.5	17.3	15.8	27.6	26.5	25.6	28.4	24.9	25.5	24.6	23.9	26.1	23.2
Black	18.7	18.0	17.7	18.5	16.9	29.2	28.1	27.3	30.3	26.7	27.0	26.1	25.5	27.9	24.8
Rhode Island	11.4	11.4	8.2	8.4	9.2	16.1	16.1	12.9	12.3	14.3	14.9	14.9	11.9	11.3	13.1
White	11.3	11.4	7.6	7.9	9.1	15.6	15.9	12.0	11.6	13.6	14.5	14.7	11.0	10.4	12.5
All other	12.2	11.3	12.9	12.6	*	19.7	17.8	19.8	18.1	20.3	18.0	16.3	18.1	18.1	18.3
Black	18.1	16.3	*	*	*	27.8	24.7	20.4	20.5	24.8	26.0	23.2	18.7	20.5	22.7
South Carolina	12.7	12.7	12.6	13.1	13.4	18.4	18.4	18.7	18.8	18.7	17.1	17.1	17.5	17.6	17.2
White	8.8	8.8	10.2	9.9	10.3	12.0	12.0	14.6	14.0	14.2	11.0	11.0	13.8	12.9	13.1
All other	18.6	18.4	16.3	18.0	18.0	28.1	27.8	24.7	26.1	25.5	26.3	26.0	23.1	24.7	23.6
Black	18.9	18.7	16.4	18.3	18.2	28.5	28.3	24.9	26.4	25.8	26.7	26.4	23.3	25.0	23.9
South Dakota	7.7	7.7	9.0	8.7	10.9	10.9	10.9	11.9	11.4	13.4	9.7	9.7	11.0	10.4	12.1
White	6.7	6.8	8.7	8.3	9.9	9.3	9.4	12.0	10.3	12.3	8.5	8.5	11.0	9.7	11.2
All other	12.4	11.9	10.3	10.8	15.4	18.6	17.6	11.3	16.6	18.8	15.5	14.7	10.8	13.7	16.9
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tennessee	10.0	10.0	10.1	11.5	11.2	12.4	12.4	12.9	14.1	13.9	11.3	11.3	11.7	12.9	12.7
White	8.4	8.5	7.6	9.8	9.6	10.2	10.3	9.9	11.6	11.5	9.4	9.5	9.1	10.8	10.7
All other	14.8	14.4	17.4	16.8	16.1	19.2	18.7	21.9	21.7	21.4	17.1	16.6	19.8	19.4	19.2
Black	15.0	14.7	17.7	17.1	16.5	19.5	19.1	22.2	22.1	21.8	17.3	16.9	20.1	19.6	19.6
Texas	8.9	8.9	8.7	9.2	9.5	12.3	12.3	12.0	12.6	12.9	11.2	11.2	11.0	11.5	11.9
White	7.9	7.9	8.1	8.5	8.7	10.9	10.9	11.1	11.6	11.8	9.9	9.9	10.1	10.5	10.9
All other	14.2	13.7	11.8	12.9	13.9	19.7	18.9	16.7	17.8	18.6	18.1	17.5	15.4	16.4	17.4
Black	15.3	14.7	13.2	14.2	15.1	21.1	20.4	18.5	19.6	20.1	19.4	18.9	17.1	18.1	18.8
Utah	7.2	7.2	5.7	7.5	7.6	10.6	10.6	8.7	11.1	11.4	9.5	9.5	7.8	10.3	10.2
White	6.9	6.9	5.8	7.5	7.5	10.3	10.3	8.9	11.2	11.3	9.3	9.3	7.9	10.4	10.1
All other	11.5	10.7	*	*	10.1	14.7	13.7	*	9.8	12.5	13.1	12.4	*	12.0	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Vermont	6.3	6.3	6.6	8.2	9.6	9.8	9.8	10.1	11.2	12.8	8.9	8.9	9.3	10.3	11.6
White	6.4	6.4	6.7	8.3	9.4	9.9	10.0	10.2	11.4	12.7	9.0	9.0	9.4	10.4	11.5
All other	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Virginia	10.1	10.1	10.5	10.1	11.7	15.9	15.9	16.8	15.9	18.1	14.7	14.7	15.6	14.9	17.1
White	8.0	8.1	8.3	8.2	9.7	12.7	12.8	13.0	13.0	15.0	11.8	11.9	12.1	12.2	14.2
All other	15.7	15.2	16.3	15.1	17.0	24.5	23.7	26.7	23.9	26.2	22.8	22.0	24.8	22.4	24.9
Black	16.9	16.5	17.8	16.5	18.3	26.3	25.6	29.3	26.0	28.4	24.4	23.8	27.2	24.5	27.0
Washington	7.2	7.2	7.1	7.5	8.4	10.2	10.2	9.8	11.0	11.6	9.2	9.2	8.8	9.8	10.6
White	7.2	7.3	6.8	7.2	8.4	9.9	10.1	9.4	10.6	11.5	8.9	9.0	8.4	9.4	10.6
All other	7.7	7.1	8.5	9.4	8.3	12.1	10.8	12.3	13.6	12.6	11.0	10.0	11.4	12.0	11.1
Black	14.4	12.2	11.6	13.7	8.7	23.1	18.8	16.5	19.0	15.5	21.4	17.6	15.7	17.0	14.0
West Virginia	10.1	10.1	9.8	10.6	10.7	14.7	14.7	13.2	14.6	14.5	13.4	13.4	12.3	13.5	13.1
White	10.1	10.1	9.4	10.2	10.4	14.6	14.7	12.7	14.2	14.2	13.4	13.5	11.7	13.0	12.9
All other	*	*	*	*	*	*	*	23.6	22.8	20.4	*	*	22.7	22.8	*
Black	*	*	*	*	*	*	*	24.5	24.5	22.6	*	*	23.5	24.5	*
Wisconsin	8.7	8.7	8.1	8.2	9.0	12.0	12.0	10.9	11.2	12.0	11.0	11.0	10.2	10.5	11.2
White	8.1	8.2	7.6	7.6	8.4	10.9	10.9	9.8	10.3	11.0	10.0	10.0	9.1	9.6	10.2
All other	12.3	11.9	11.7	12.5	13.6	18.9	18.3	18.7	18.0	20.1	17.8	17.2	17.2	16.8	19.2
Black	13.5	13.2	13.6	14.3	17.2	21.4	20.9	22.2	21.2	24.5	20.2	19.8	20.6	19.6	24.0
Wyoming	10.8	10.8	7.9	11.0	9.8	12.8	12.8	11.2	13.4	12.5	12.2	12.2	10.5	12.9	11.4
White	10.2	10.2	8.2	10.7	10.1	12.3	12.3	11.5	13.2	12.9	11.7	11.7	10.9	12.6	11.7
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.

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Table 4-5. Perinatal Deaths and Mortality Ratios and Rates for Three Definitions, by Race: United States and Each State, 1989

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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	38,868	9.6	9.6	55,637	13.8	13.7	51,265	12.7	12.6
White	26,230	8.2	8.2	36,948	11.6	11.5	33,987	10.6	10.6
Black	11,419	17.0	16.8	16,959	25.2	24.9	15,716	23.3	23.0
Alabama	732	11.7	11.6	1,134	18.1	17.9	1,030	16.5	16.3
White	367	9.1	9.1	560	13.9	13.8	502	12.4	12.3
Black	363	16.7	16.6	571	26.3	25.9	526	24.2	23.9
Alaska	68	5.8	5.8	103	8.8	8.8	94	8.1	8.0
White	41	5.2	5.1	56	7.0	7.0	52	6.5	6.5
Black	6			9			9		
Arizona	545	8.1	8.1	737	11.0	10.9	666	9.9	9.9
White	453	7.9	7.9	614	10.7	10.7	556	9.7	9.7
Black	40	15.8	15.7	54	21.3	21.1	52	20.5	20.3
Arkansas	347	9.7	9.6	483	13.4	13.4	436	12.1	12.1
White	213	7.9	7.8	305	11.3	11.2	272	10.0	10.0
Black	124	14.7	14.6	167	19.8	19.6	153	18.1	17.9
California	4,966	8.7	8.7	6,811	11.9	11.9	6,242	11.0	10.9
White	3,749	8.1	8.0	5,117	11.0	11.0	4,693	10.1	10.0
Black	821	17.0	16.8	1,161	24.0	23.7	1,064	22.0	21.7
Colorado	460	8.7	8.7	654	12.4	12.3	606	11.5	11.4
White	401	8.3	8.3	561	11.6	11.5	522	10.8	10.7
Black	47	17.1	16.9	68	24.7	24.4	61	22.1	21.9
Connecticut	486	9.8	9.8	678	13.7	13.6	646	13.1	13.0
White	360	8.6	8.5	494	11.8	11.7	471	11.2	11.2
Black	120	18.6	18.5	174	27.0	26.7	166	25.8	25.4
Delaware	129	12.0	12.0	173	16.1	16.0	160	14.9	14.8
White	84	10.5	10.4	110	13.7	13.6	100	12.5	12.4
Black	43	16.9	16.9	61	24.0	23.8	58	22.9	22.6
District of Columbia	269	22.8	22.6	349	29.6	29.2	331	28.1	27.7
White	22	12.2	12.1	25	13.8	13.7	24	13.3	13.2
Black	246	26.7	26.5	324	35.2	34.7	307	33.4	32.8
Florida	2,012	10.4	10.4	2,870	14.9	14.7	2,657	13.8	13.6
White	1,222	8.4	8.4	1,713	11.8	11.7	1,586	10.9	10.8
Black	771	17.1	17.0	1,126	24.9	24.6	1,042	23.1	22.8
Georgia	1,312	11.9	11.8	2,109	19.1	18.9	1,947	17.7	17.5
White	593	8.5	8.5	917	13.2	13.1	834	12.0	11.9
Black	713	18.1	18.0	1,181	30.0	29.5	1,104	28.0	27.5
Hawaii	124	6.4	6.4	216	11.2	11.1	195	10.1	10.0
White	28	4.7	4.7	57	9.5	9.5	56	9.4	9.3
Black	5			10			9		
Idaho	142	8.9	8.9	213	13.4	13.3	190	12.0	11.9
White	133	8.7	8.6	202	13.2	13.1	181	11.8	11.7
Black	1			2			1		
Illinois	2,116	11.1	11.1	2,880	15.1	15.0	2,641	13.9	13.8
White	1,254	8.9	8.8	1,721	12.1	12.1	1,572	11.1	11.0
Black	836	19.3	19.1	1,122	25.8	25.5	1,036	23.9	23.6
Indiana	868	10.4	10.3	1,168	14.0	13.9	1,083	13.0	12.9
White	702	9.5	9.5	946	12.8	12.7	871	11.8	11.7
Black	164	18.2	18.1	218	24.2	24.0	208	23.1	22.9
Iowa	328	8.4	8.4	462	11.8	11.8	427	10.9	10.9
White	294	7.9	7.8	417	11.2	11.1	386	10.3	10.3
Black	25	23.7	23.4	32	30.3	29.9	30	28.4	28.0

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Table 4-5. Perinatal Deaths and Mortality Ratios and Rates for Three Definitions, by Race: United States and Each State, 1989—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. Rates 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	282	7.3	7.3	421	10.9	10.8	381	9.8	9.8
White	236	6.8	6.8	345	10.0	9.9	313	9.1	9.0
Black	41	12.6	12.6	68	21.0	20.7	61	18.8	18.6
Kentucky	487	9.1	9.1	710	13.3	13.2	658	12.3	12.2
White	406	8.5	8.4	586	12.2	12.1	538	11.2	11.1
Black	77	15.1	15.0	120	23.5	23.2	116	22.7	22.4
Louisiana	822	11.3	11.2	1,140	15.7	15.5	1,054	14.5	14.4
White	348	8.4	8.3	485	11.6	11.6	445	10.7	10.6
Black	468	15.7	15.6	647	21.7	21.5	601	20.2	19.9
Maine	132	7.6	7.5	188	10.8	10.7	170	9.7	9.7
White	129	7.5	7.5	183	10.6	10.6	167	9.7	9.7
Black	-	*	*	-	*	*	-	*	*
Maryland ³	735	9.4	9.4	1,061	13.6	13.5	970	12.4	12.3
White	350	6.8	6.8	504	9.8	9.7	445	8.6	8.6
Black	370	15.5	15.4	539	22.6	22.3	507	21.2	21.0
Massachusetts	728	8.0	7.9	1,018	11.1	11.1	939	10.3	10.2
White	579	7.3	7.2	800	10.0	10.0	731	9.2	9.1
Black	128	15.3	15.3	194	23.2	23.0	186	22.3	22.0
Michigan	1,405	9.5	9.4	1,929	13.0	12.9	1,769	11.9	11.8
White	869	7.5	7.5	1,174	10.1	10.1	1,087	9.4	9.3
Black	521	17.4	17.3	733	24.5	24.2	664	22.2	22.0
Minnesota	495	7.3	7.3	693	10.3	10.2	644	9.5	9.5
White	427	6.9	6.9	589	9.6	9.5	548	8.9	8.8
Black	46	18.8	18.6	69	28.1	27.7	62	25.3	24.9
Mississippi	488	11.3	11.3	724	16.8	16.7	675	15.7	15.5
White	190	8.6	8.6	259	11.7	11.7	236	10.7	10.6
Black	295	14.4	14.3	460	22.5	22.2	434	21.2	20.9
Missouri	681	8.7	8.7	965	12.4	12.3	870	11.2	11.1
White	514	8.0	8.0	708	11.1	11.0	641	10.0	10.0
Black	157	12.2	12.2	247	19.3	19.1	219	17.1	16.9
Montana	103	8.8	8.8	149	12.8	12.7	134	11.5	11.4
White	79	7.3	7.7	118	11.6	11.5	106	10.4	10.3
Black	-	*	*	-	*	*	-	*	*
Nebraska	180	7.4	7.4	261	10.8	10.7	235	9.7	9.6
White	153	6.9	6.9	218	9.8	9.8	197	8.9	8.8
Black	21	15.2	15.1	31	22.4	22.2	29	21.0	20.8
Nevada	159	8.1	8.1	244	12.4	12.3	227	11.6	11.5
White	131	7.8	7.8	187	11.1	11.1	177	10.6	10.5
Black	23	12.6	12.5	47	25.7	25.3	41	22.4	22.0
New Hampshire	158	8.9	8.8	212	11.9	11.8	201	11.3	11.2
White	155	8.8	8.8	207	11.8	11.7	196	11.2	11.1
Black	1	*	*	3	*	*	3	*	*
New Jersey	1,190	9.8	9.7	1,707	14.0	13.9	1,597	13.1	13.0
White	755	8.1	8.1	1,054	11.3	11.2	984	10.6	10.5
Black	408	17.0	16.9	613	25.5	25.2	576	24.0	23.7
New Mexico	198	7.2	7.2	261	9.5	9.5	230	8.4	8.4
White	153	6.8	6.8	201	8.9	8.9	175	7.8	7.8
Black	6	*	*	10	*	*	7	*	*
New York	3,176	10.9	10.8	5,042	17.3	17.1	4,710	16.2	16.0
White	1,981	9.2	9.1	3,061	14.2	14.1	2,880	13.3	13.2
Black	1,142	18.1	17.9	1,889	29.9	29.4	1,747	27.6	27.2
North Carolina	1,164	11.4	11.3	1,655	16.2	16.1	1,541	15.1	15.0
White	595	8.5	8.5	836	12.0	11.9	772	11.1	11.0
Black	540	18.0	17.9	781	26.1	25.7	734	24.5	24.2

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Table 4-5. Perinatal Deaths and Mortality Ratios and Rates for Three Definitions, by Race: United States and Each State, 1989—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	76	7.9	7.9	104	10.9	10.8	94	9.8	9.8
White	64	7.5	7.5	91	10.7	10.6	82	9.6	9.6
Black	-	-	-	-	-	-	-	-	-
Ohio	1,579	9.6	9.6	2,164	13.2	13.1	2,000	12.2	12.1
White	1,181	8.6	8.6	1,605	11.7	11.6	1,483	10.8	10.7
Black	392	15.5	15.5	550	21.8	21.6	508	20.1	19.9
Oklahoma	443	9.3	9.3	627	13.2	13.1	574	12.1	12.0
White	322	8.6	8.5	451	12.0	11.9	414	11.0	10.9
Black	79	15.5	15.4	116	22.8	22.5	107	21.1	20.7
Oregon	311	7.5	7.5	429	10.4	10.3	393	9.5	9.5
White	290	7.6	7.5	398	10.4	10.3	364	9.5	9.4
Black	12	-	-	18	-	-	16	-	-
Pennsylvania	1,784	10.6	10.5	2,674	15.8	15.7	2,489	14.7	14.6
White	1,281	9.1	9.0	1,895	13.4	13.3	1,768	12.5	12.4
Black	475	18.9	18.7	746	29.6	29.2	690	27.4	27.0
Rhode Island	169	11.4	11.4	240	16.3	16.1	222	15.0	14.9
White	148	11.3	11.3	206	15.8	15.6	191	14.6	14.5
Black	20	18.2	18.1	31	28.2	27.8	29	26.4	26.0
South Carolina	732	12.8	12.7	1,067	18.6	18.4	990	17.3	17.1
White	304	8.8	8.8	417	12.1	12.0	382	11.0	11.0
Black	424	19.1	18.9	645	29.0	28.5	603	27.1	26.7
South Dakota	86	7.8	7.7	122	11.0	10.9	108	9.7	9.7
White	62	6.8	6.7	86	9.4	9.3	78	8.5	8.5
Black	2	-	-	3	-	-	3	-	-
Tennessee	733	10.0	10.0	914	12.5	12.4	831	11.4	11.3
White	464	8.4	8.4	564	10.2	10.2	520	9.4	9.4
Black	263	15.1	15.0	343	19.7	19.5	304	17.4	17.3
Texas	2,751	8.9	8.9	3,805	12.4	12.3	3,472	11.3	11.2
White	2,041	7.9	7.9	2,820	10.9	10.9	2,566	9.9	9.9
Black	661	15.4	15.3	915	21.3	21.1	843	19.6	19.4
Utah	256	7.2	7.2	378	10.6	10.6	340	9.6	9.5
White	235	7.0	6.9	351	10.4	10.3	316	9.4	9.3
Black	6	-	-	7	-	-	6	-	-
Vermont	54	6.4	6.3	84	9.9	9.8	76	8.9	8.9
White	54	6.4	6.4	84	10.0	9.9	76	9.0	9.0
Black	-	-	-	-	-	-	-	-	-
Virginia	978	10.1	10.1	1,553	16.0	15.9	1,440	14.9	14.7
White	565	8.0	8.0	904	12.8	12.7	838	11.9	11.8
Black	396	17.0	16.9	621	26.6	26.3	577	24.7	24.4
Washington	546	7.2	7.2	771	10.2	10.2	696	9.2	9.2
White	478	7.2	7.2	664	10.0	9.9	598	9.0	8.9
Black	42	14.4	14.4	66	23.4	23.1	63	21.7	21.4
West Virginia	226	10.2	10.1	329	14.8	14.7	300	13.5	13.4
White	215	10.1	10.1	313	14.7	14.6	287	13.5	13.4
Black	10	-	-	15	-	-	12	-	-
Wisconsin	628	8.7	8.7	867	12.0	12.0	799	11.1	11.0
White	512	8.2	8.1	688	11.0	10.9	631	10.1	10.0
Black	94	13.6	13.5	150	21.7	21.4	142	20.5	20.2
Wyoming	75	10.9	10.8	89	12.9	12.8	85	12.3	12.2
White	67	10.3	10.2	81	12.4	12.3	77	11.8	11.7
Black	-	-	-	-	-	-	-	-	-

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 Underreporting of fetal deaths may have occurred; see Technical Appendix.

⁴ Minimum fetal death reporting requirements are assumed to exceed 20 weeks gestation; see Technical Appendix.

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Table 4-6. Perinatal Deaths by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 31 Reporting States and Each State, 1989

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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 *
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total †	White	Black	
Perinatal Definition I											
All reporting states	26,202	3,815	2,671	170	90	280	603	21,670	14,016	6,847	716
Alabama	732	5	2	1	-	-	2	721	364	355	6
Arizona	545	159	147	2	2	1	7	380	295	39	6
Arkansas	347	2	-	-	-	-	2	331	205	117	14
California	4,966	1,844	1,343	10	10	177	305	3,009	1,863	778	112
Colorado	460	81	34	2	-	-	45	366	312	43	13
Florida	2,012	304	59	39	69	51	86	1,665	962	688	43
Georgia	1,312	13	7	4	-	1	1	1,263	557	700	36
Hawaii	124	19	1	6	-	1	11	103	26	5	2
Idaho	142	17	15	1	1	-	-	122	116	1	3
Illinois	2,116	233	148	40	1	7	37	1,759	987	747	124
Iowa	328	3	3	-	-	-	-	323	289	25	2
Kansas	282	16	13	1	2	-	-	247	204	39	19
Kentucky	487	2	1	-	-	-	1	458	389	65	27
Minnesota	495	10	5	1	-	-	3	470	405	44	15
Mississippi	488	1	1	-	-	-	-	468	180	285	19
Missouri	681	4	3	-	-	-	1	666	502	154	11
Nebraska	180	6	4	1	1	-	-	167	140	20	7
Nevada	159	17	15	-	-	-	2	135	111	20	7
North Carolina	1,164	16	8	1	2	2	3	1,133	575	530	15
Ohio	1,579	30	7	13	-	-	10	1,528	1,138	384	22
Oregon	311	27	17	-	-	1	9	283	263	11	1
Pennsylvania	1,784	57	3	34	1	2	18	1,702	1,218	456	25
South Carolina	732	3	2	-	-	-	1	713	297	412	16
South Dakota	86	-	-	-	-	-	-	85	61	2	1
Tennessee	733	7	-	5	-	-	2	635	441	189	91
Texas	2,751	918	821	8	3	36	50	1,790	1,097	645	44
Utah	256	19	11	-	-	4	4	237	218	6	-
Vermont	54	-	-	-	-	-	-	44	44	-	10
West Virginia	226	-	-	-	-	-	-	216	206	9	10
Wisconsin	628	14	10	2	-	-	2	592	480	92	22
Wyoming	75	5	3	-	-	-	2	69	61	-	1
Perinatal Definition II											
All reporting states	37,164	5,158	3,574	235	125	392	832	30,902	19,689	10,074	1,104
Alabama	1,134	5	2	1	-	-	2	1,120	556	561	9
Arizona	737	207	190	3	2	1	11	522	409	53	8
Arkansas	483	4	1	-	-	-	3	462	293	160	17
California	6,811	2,458	1,776	18	11	248	405	4,188	2,604	1,086	165
Colorado	654	110	53	2	-	-	55	526	441	64	18
Florida	2,870	424	75	52	96	71	130	2,378	1,349	1,000	68
Georgia	2,109	25	13	8	1	1	2	1,995	840	1,144	89
Hawaii	216	25	2	7	-	1	15	185	52	9	6
Idaho	213	19	16	1	1	-	1	187	179	2	7
Illinois	2,880	313	201	50	2	10	50	2,379	1,353	992	188
Iowa	462	4	4	-	-	-	-	454	409	32	4
Kansas	421	18	14	2	2	-	-	374	302	64	29
Kentucky	710	3	2	-	-	-	1	671	560	107	36
Minnesota	693	15	6	2	-	-	7	656	556	66	22
Mississippi	724	1	1	-	-	-	-	698	246	447	25
Missouri	965	6	3	-	-	-	3	943	692	241	18
Nebraska	261	9	7	1	1	-	-	242	200	30	10
Nevada	244	29	22	-	3	-	4	203	153	42	12
North Carolina	1,655	23	10	3	2	3	5	1,610	809	766	22
Ohio	2,164	36	9	16	-	1	10	2,087	1,546	534	41
Oregon	429	32	21	-	-	1	10	394	366	17	3
Pennsylvania	2,674	86	3	51	1	5	26	2,540	1,795	713	48
South Carolina	1,067	5	3	-	-	-	2	1,032	406	621	30
South Dakota	122	-	-	-	-	-	-	120	84	3	2
Tennessee	914	7	-	5	-	-	2	807	540	262	100
Texas	3,805	1,241	1,106	8	3	46	78	2,506	1,545	894	58
Utah	378	24	13	1	-	4	6	352	328	6	2
Vermont	84	-	-	-	-	-	-	67	67	-	17
West Virginia	329	2	2	-	-	-	-	310	295	14	17
Wisconsin	867	22	16	4	-	-	2	811	639	144	34
Wyoming	89	5	3	-	-	-	2	83	75	-	1

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Table 4-6. Perinatal Deaths by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 31 Reporting States and Each State, 1989—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 reporting states	34,151	4,763	3,296	222	118	357	770	28,328	18,006	9,296	1,060
Alabama	1,030	5	2	1	-	-	2	1,016	498	516	9
Arizona	666	188	172	3	2	1	10	470	368	51	8
Arkansas	436	4	1	-	-	-	3	416	261	146	16
California	6,242	2,269	1,648	15	10	222	374	3,818	2,368	997	155
Colorado	606	105	51	2	-	-	52	483	406	57	18
Florida	2,657	397	68	50	91	66	122	2,192	1,242	923	68
Georgia	1,947	24	13	8	1	1	1	1,834	757	1,068	89
Hawaii	195	23	2	7	-	1	13	166	51	8	6
Idaho	190	19	16	1	1	-	1	165	159	1	6
Illinois	2,641	299	190	48	2	10	49	2,159	1,220	909	183
Iowa	427	3	3	-	-	-	-	421	380	30	3
Kansas	381	17	13	2	2	-	-	377	272	58	27
Kentucky	658	3	2	-	-	-	1	621	514	103	34
Minnesota	644	14	5	2	-	-	7	610	518	59	20
Mississippi	675	1	1	-	-	-	-	652	224	423	22
Missouri	870	6	3	-	-	-	3	849	625	214	15
Nebraska	235	6	4	1	1	-	-	219	182	28	10
Nevada	227	25	20	-	2	-	3	190	147	36	12
North Carolina	1,541	23	10	3	2	3	5	1,496	745	719	22
Ohio	2,000	35	9	15	-	1	10	1,926	1,427	492	39
Oregon	393	30	19	-	-	1	10	360	334	15	3
Pennsylvania	2,489	78	3	47	1	4	23	2,363	1,676	657	48
South Carolina	990	5	3	-	-	-	2	956	372	579	29
South Dakota	108	-	-	-	-	-	-	106	76	3	2
Tennessee	831	7	-	5	-	-	2	730	496	229	94
Texas	3,472	1,126	1,005	8	3	43	67	2,292	1,410	822	54
Utah	340	23	13	-	-	4	6	315	293	6	2
Vermont	76	-	-	-	-	-	-	61	61	-	15
West Virginia	300	2	2	-	-	-	-	282	270	11	16
Wisconsin	799	21	15	4	-	-	2	744	583	136	34
Wyoming	85	5	3	-	-	-	2	79	71	-	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.

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Table 4-7. Perinatal Mortality Rates by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 31 Reporting States and Each State, 1989
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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. 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 reporting states	9.5	9.0	8.5	10.1	10.1	10.5	9.3	7.9	16.0
Alabama	11.6	*	*	*	*	*	11.5	9.1	16.3
Arizona	8.1	8.8	8.5	*	*	*	7.7	7.5	15.7
Arkansas	9.6	*	*	*	*	*	9.3	7.7	13.8
California	8.7	8.7	8.2	*	*	10.5	8.4	7.4	16.3
Colorado	8.7	9.5	8.8	*	*	9.9	8.2	7.8	15.7
Florida	10.4	11.9	13.2	10.5	9.7	13.6	9.9	7.9	15.5
Georgia	11.8	*	*	*	*	*	11.7	8.3	17.7
Hawaii	6.4	*	*	*	*	*	5.9	4.8	*
Idaho	8.9	*	*	*	*	*	8.3	8.2	*
Illinois	11.1	10.6	10.1	12.3	*	11.7	10.6	8.1	18.6
Iowa	8.4	*	*	*	*	*	8.4	7.8	23.8
Kansas	7.3	*	*	*	*	*	6.7	6.3	12.1
Kentucky	9.1	*	*	*	*	*	8.6	8.2	12.9
Minnesota	7.3	*	*	*	*	*	7.7	7.2	22.3
Mississippi	11.3	*	*	*	*	*	11.0	8.3	13.9
Missouri	8.7	*	*	*	*	*	8.6	7.9	12.0
Nebraska	7.4	*	*	*	*	*	7.2	6.6	14.4
Nevada	8.1	*	*	*	*	*	7.8	7.7	10.9
North Carolina	11.3	*	*	*	*	*	11.2	8.4	17.6
Ohio	9.6	13.4	*	*	*	*	9.4	8.4	15.2
Oregon	7.5	12.0	*	*	*	*	7.2	7.2	*
Pennsylvania	10.5	10.8	*	8.4	*	24.5	10.4	8.9	18.3
South Carolina	12.7	*	*	*	*	*	12.5	8.7	18.4
South Dakota	7.7	*	*	*	*	*	7.7	6.7	*
Tennessee	10.0	*	*	*	*	*	8.7	8.0	10.8
Texas	8.9	8.5	8.7	*	*	7.2	8.9	7.2	15.0
Utah	7.2	*	*	*	*	*	7.0	6.8	*
Vermont	6.3	*	*	*	*	*	6.0	6.0	*
West Virginia	10.1	*	*	*	*	*	9.8	9.8	*
Wisconsin	8.7	*	*	*	*	*	8.4	7.8	13.3
Wyoming	10.8	*	*	*	*	*	10.6	9.9	*
Perinatal Definition II									
All reporting states	13.4	12.1	11.3	13.9	14.0	14.5	13.3	11.1	23.4
Alabama	17.9	*	*	*	*	*	17.9	13.8	25.6
Arizona	10.9	11.4	10.9	*	*	*	10.6	10.3	21.3
Arkansas	13.4	*	*	*	*	*	13.0	11.0	18.8
California	11.9	11.5	10.8	*	*	14.2	11.7	10.3	22.7
Colorado	12.3	12.9	13.7	*	*	12.1	11.8	11.0	23.3
Florida	14.7	16.6	16.8	14.0	13.4	19.7	14.1	11.1	22.4
Georgia	18.9	13.8	*	*	*	*	18.3	12.4	28.7
Hawaii	11.1	12.7	*	*	*	*	10.6	9.5	*
Idaho	13.3	*	*	*	*	*	12.7	12.6	*
Illinois	15.0	14.3	13.6	15.4	*	15.9	14.3	11.1	24.6
Iowa	11.8	*	*	*	*	*	11.7	11.0	30.3
Kansas	10.8	*	*	*	*	*	10.2	9.3	19.7
Kentucky	13.2	*	*	*	*	*	12.6	11.7	21.1
Minnesota	10.2	*	*	*	*	*	10.7	9.9	33.2
Mississippi	16.7	*	*	*	*	*	16.3	11.3	21.6
Missouri	12.3	*	*	*	*	*	12.2	10.9	18.7
Nebraska	10.7	*	*	*	*	*	10.4	9.4	21.5
Nevada	12.3	11.9	12.2	*	*	*	11.7	10.5	22.8
North Carolina	16.1	15.2	*	*	*	*	15.9	11.8	25.3
Ohio	13.1	16.0	*	*	*	*	12.8	11.4	21.1
Oregon	10.3	14.3	10.5	*	*	*	10.0	10.0	*
Pennsylvania	15.7	16.2	*	12.6	*	37.7	15.4	13.1	28.3
South Carolina	18.4	*	*	*	*	*	18.0	11.8	27.6
South Dakota	10.9	*	*	*	*	*	10.9	9.2	*
Tennessee	12.4	*	*	*	*	*	11.0	9.8	14.9
Texas	12.3	11.5	11.6	*	*	10.3	12.5	10.2	20.8
Utah	10.6	12.6	*	*	*	*	10.4	10.2	*
Vermont	9.8	*	*	*	*	*	9.0	9.1	*
West Virginia	14.7	*	*	*	*	*	14.0	13.9	*
Wisconsin	12.0	13.3	*	*	*	*	11.5	10.4	20.7
Wyoming	12.8	*	*	*	*	*	12.7	12.2	*

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Table 4-7. Perinatal Mortality Rates by Specified Hispanic Origin and Race for Non-Hispanic Origin: Total of 31 Reporting States and Each State, 1989—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. 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 reporting states	12.3	11.2	10.5	13.1	13.2	13.4	12.2	10.1	21.6
Alabama	16.3	*	*	*	*	*	16.2	12.4	23.5
Arizona	9.9	10.4	9.9	*	*	*	9.6	9.3	20.5
Arkansas	12.1	*	*	*	*	*	11.7	9.8	17.2
California	10.9	10.6	10.0	*	*	12.9	10.7	9.3	20.8
Colorado	11.4	12.3	13.2	*	*	11.4	10.9	10.1	20.8
Florida	13.6	15.5	15.2	13.5	12.7	18.4	13.0	10.2	20.6
Georgia	17.5	13.2	*	*	*	*	16.8	11.2	26.8
Hawaii	10.0	11.7	*	*	*	*	9.5	9.4	*
Idaho	11.9	*	*	*	*	*	11.2	11.2	*
Illinois	13.8	13.6	12.9	14.8	*	15.6	13.0	10.0	22.5
Iowa	10.9	*	*	*	*	*	10.9	10.3	28.4
Kansas	9.8	*	*	*	*	*	9.2	8.4	17.8
Kentucky	12.2	*	*	*	*	*	11.7	10.8	20.3
Minnesota	9.5	*	*	*	*	*	10.0	9.2	29.7
Mississippi	15.5	*	*	*	*	*	15.2	10.3	20.4
Missouri	11.1	*	*	*	*	*	11.0	9.9	16.6
Nebraska	9.6	*	*	*	*	*	9.4	8.5	20.1
Nevada	11.5	10.2	11.1	*	*	*	11.0	10.1	19.5
North Carolina	15.0	15.2	*	*	*	*	14.8	10.9	23.8
Ohio	12.1	15.6	*	*	*	*	11.8	10.5	19.4
Oregon	9.5	13.4	*	*	*	*	9.2	9.2	*
Pennsylvania	14.6	14.7	*	11.6	*	32.8	14.3	12.2	26.1
South Carolina	17.1	*	*	*	*	*	16.7	10.8	25.7
South Dakota	9.7	*	*	*	*	*	9.6	8.3	*
Tennessee	11.3	*	*	*	*	*	10.0	9.0	13.1
Texas	11.2	10.4	10.6	*	*	9.2	11.4	9.3	19.1
Utah	9.5	12.1	*	*	*	*	9.3	9.1	*
Vermont	8.9	*	*	*	*	*	8.2	8.3	*
West Virginia	13.4	*	*	*	*	*	12.8	12.8	*
Wisconsin	11.0	12.7	*	*	*	*	10.5	9.5	19.6
Wyoming	12.2	*	*	*	*	*	12.1	11.5	*

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.

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Table 5-1. Deaths From Motor Vehicle Accidents, by Person Injured, Cause of Death, Race, and Sex: United States, 1989

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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	Passenger in motor vehicle other than motorcycle	Motorcyclist	Passenger on motorcycle	Occupant of streetcar	Rider of animal; occupant of animal-drawn vehicle	Pedal cyclist	Pedestrian	Other specified person	Unspecified person
		(.0)	(.1)	(.2)	(.3)	(.4)	(.5)	(.6)	(.7)	(.8)	(.9)
Motor vehicle traffic accidents (E810-E819)	46,586	18,870	9,168	2,226	268	2	7	776	6,970	32	8,267
Male	31,955	13,702	4,654	2,164	123	2	5	662	4,888	29	5,726
Female	14,631	5,168	4,514	62	145	-	2	114	2,082	3	2,541
White	39,620	16,508	7,717	2,007	249	1	7	652	5,305	24	7,150
Male	26,953	11,890	3,846	1,950	109	1	5	556	3,662	21	4,913
Female	12,667	4,618	3,871	57	140	-	2	96	1,643	3	2,237
All other	6,966	2,362	1,451	219	19	1	-	124	1,665	8	1,117
Male	5,002	1,812	808	214	14	1	-	106	1,226	8	813
Female	1,964	550	643	5	5	-	-	18	439	-	304
Black	5,541	1,899	1,056	180	14	1	-	106	1,352	7	926
Male	4,076	1,469	616	178	11	1	-	91	1,018	7	685
Female	1,465	430	440	2	3	-	-	15	334	-	241
Involving collision with train (E810)	720	352	152	10	3	-	-	-	3	3	197
Male	471	265	67	8	1	-	-	-	3	3	124
Female	249	87	85	2	2	-	-	-	-	-	73
White	648	316	136	9	3	-	-	-	3	2	179
Male	420	236	57	7	1	-	-	-	3	2	114
Female	228	80	79	2	2	-	-	-	-	-	65
All other	72	36	16	1	-	-	-	-	-	1	18
Male	51	29	10	1	-	-	-	-	-	1	10
Female	21	7	6	-	-	-	-	-	-	-	8
Black	68	35	13	1	-	-	-	-	-	1	18
Male	48	28	8	1	-	-	-	-	-	1	10
Female	20	7	5	-	-	-	-	-	-	-	8
Involving re-entrant collision with another motor vehicle (E811)	14	10	3	-	-	-	-	-	-	-	1
Male	9	7	2	-	-	-	-	-	-	-	-
Female	5	3	1	-	-	-	-	-	-	-	1
White	13	10	2	-	-	-	-	-	-	-	1
Male	8	7	1	-	-	-	-	-	-	-	-
Female	5	3	1	-	-	-	-	-	-	-	1
All other	1	-	1	-	-	-	-	-	-	-	-
Male	1	-	1	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	1	-	1	-	-	-	-	-	-	-	-
Male	1	-	1	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Other accident involving collision with another motor vehicle (E812)	17,808	9,244	4,735	1,161	147	-	-	7	11	7	2,496
Male	11,085	6,229	2,035	1,133	65	-	-	7	10	7	1,599
Female	6,723	3,015	2,700	28	82	-	-	-	1	-	897
White	15,613	8,139	4,059	1,047	137	-	-	7	10	7	2,207
Male	9,645	5,442	1,699	1,021	58	-	-	7	9	7	1,402
Female	5,968	2,697	2,360	26	79	-	-	-	1	-	805
All other	2,195	1,105	676	114	10	-	-	-	1	-	289
Male	1,440	787	336	112	7	-	-	-	1	-	197
Female	755	318	340	2	3	-	-	-	-	-	92
Black	1,719	878	504	93	9	-	-	-	1	-	234
Male	1,147	619	264	93	6	-	-	-	1	-	164
Female	572	259	240	-	3	-	-	-	-	-	70
Involving collision with other vehicle (E813)	796	10	-	2	1	-	6	764	1	3	9
Male	679	9	-	2	1	-	4	651	1	2	9
Female	117	1	-	-	-	-	2	113	-	1	-
White	668	10	-	1	1	-	6	640	1	2	7
Male	569	9	-	1	1	-	4	545	1	1	7
Female	99	1	-	-	-	-	2	95	-	1	-
All other	128	-	-	1	-	-	-	124	-	1	2
Male	110	-	-	1	-	-	-	106	-	1	2
Female	18	-	-	-	-	-	-	18	-	-	-
Black	110	-	-	1	-	-	-	106	-	1	2
Male	95	-	-	1	-	-	-	91	-	1	2
Female	15	-	-	-	-	-	-	15	-	-	-
Involving collision with pedestrian (E814)	6,957	2	8	1	4	-	1	2	6,932	-	7
Male	4,881	2	5	1	4	-	1	1	4,860	-	7
Female	2,076	-	3	-	-	-	-	1	2,072	-	-
White	5,292	1	6	1	3	-	1	2	5,271	-	7
Male	3,654	1	3	1	3	-	1	1	3,637	-	7
Female	1,638	-	3	-	-	-	-	1	1,634	-	-
All other	1,665	1	2	-	1	-	-	-	1,661	-	-
Male	1,227	1	2	-	1	-	-	-	1,223	-	-
Female	438	-	-	-	-	-	-	-	438	-	-
Black	1,352	1	1	-	1	-	-	-	1,349	-	-
Male	1,018	1	1	-	1	-	-	-	1,015	-	-
Female	334	-	-	-	-	-	-	-	334	-	-

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Table 5-1. Deaths From Motor Vehicle Accidents, by Person Injured, Cause of Death, Race, and Sex: United States, 1989—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	Passenger in motor vehicle other than motorcycle	Motorcyclist	Passenger on motorcycle	Occupant of streetcar	Rider of animal; occupant of animal-drawn vehicle	Pedal cyclist	Pedestrian	Other specified person	Unspecified person
		(.0)	(.1)	(.2)	(.3)	(.4)	(.5)	(.6)	(.7)	(.8)	(.9)
Motor vehicle traffic accidents-Con.											
Other accident involving collision on the highway (E815)	6,497	3,711	1,403	517	44	2	-	2	2	4	812
Male	4,919	2,887	874	505	21	2	-	2	2	3	623
Female	1,578	824	529	12	23	-	-	-	-	1	189
White	5,586	3,212	1,152	472	42	1	-	2	2	3	700
Male	4,221	2,481	712	461	20	1	-	2	2	2	540
Female	1,365	731	440	11	22	-	-	-	-	1	160
All other	911	499	251	45	2	1	-	-	-	1	112
Male	698	406	162	44	1	1	-	-	-	1	83
Female	213	93	89	1	1	-	-	-	-	-	29
Black	771	424	218	34	1	1	-	-	-	1	92
Male	604	350	147	33	1	1	-	-	-	1	71
Female	167	74	71	1	-	-	-	-	-	-	21
Due to loss of control without collision on the highway (E816)	7,856	4,397	1,824	392	35	-	-	-	8	8	1,192
Male	5,863	3,457	1,081	382	20	-	-	-	5	7	911
Female	1,993	940	743	10	15	-	-	-	3	1	281
White	6,767	3,844	1,490	353	32	-	-	-	7	5	1,036
Male	5,043	3,001	885	345	17	-	-	-	4	4	787
Female	1,724	843	605	8	15	-	-	-	3	1	249
All other	1,089	553	334	39	3	-	-	-	1	3	156
Male	820	456	196	37	3	-	-	-	1	3	124
Female	269	97	138	2	-	-	-	-	-	-	32
Black	773	424	196	35	1	-	-	-	1	3	113
Male	613	360	123	34	1	-	-	-	1	3	91
Female	160	64	73	1	-	-	-	-	-	-	22
Noncollision accident while boarding or alighting (E817)	8	1	2	-	-	-	-	-	1	1	3
Male	5	1	2	-	-	-	-	-	-	1	1
Female	3	-	-	-	-	-	-	-	1	-	2
White	5	1	2	-	-	-	-	-	-	-	2
Male	4	1	2	-	-	-	-	-	-	-	1
Female	1	-	-	-	-	-	-	-	-	-	1
All other	3	-	-	-	-	-	-	-	1	1	1
Male	1	-	-	-	-	-	-	-	-	1	-
Female	2	-	-	-	-	-	-	-	1	-	1
Black	1	-	-	-	-	-	-	-	-	-	1
Male	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1
Other noncollision accident (E818)	1,006	160	373	33	17	-	-	-	9	6	408
Male	737	121	251	33	6	-	-	-	6	6	314
Female	269	39	122	-	11	-	-	-	3	-	94
White	825	131	306	30	16	-	-	-	8	5	329
Male	600	100	205	30	5	-	-	-	5	5	250
Female	225	31	101	-	11	-	-	-	3	-	79
All other	181	29	67	3	1	-	-	-	1	1	79
Male	137	21	46	3	1	-	-	-	1	1	64
Female	44	8	21	-	-	-	-	-	-	-	15
Black	140	24	43	2	1	-	-	-	1	1	68
Male	108	19	28	2	1	-	-	-	1	1	56
Female	32	5	15	-	-	-	-	-	-	-	12
Of unspecified nature (E819)	4,924	983	668	110	17	-	-	1	3	-	3,142
Male	3,306	724	337	100	5	-	-	1	1	-	2,138
Female	1,618	259	331	10	12	-	-	-	2	-	1,004
White	4,203	844	564	94	15	-	-	1	3	-	2,682
Male	2,789	612	282	84	4	-	-	1	1	-	1,805
Female	1,414	232	282	10	11	-	-	-	2	-	877
All other	721	139	104	16	2	-	-	-	-	-	460
Male	517	112	55	16	1	-	-	-	-	-	333
Female	204	27	49	-	1	-	-	-	-	-	127
Black	606	113	80	14	1	-	-	-	-	-	398
Male	442	92	44	14	1	-	-	-	-	-	291
Female	164	21	36	-	-	-	-	-	-	-	107
Motor vehicle nontraffic accidents (E820-E825)	989	160	72	37	3	-	1	2	400	28	286
Male	749	138	49	36	2	-	-	1	257	24	242
Female	240	22	23	1	1	-	1	1	143	4	44
White	871	151	60	36	3	-	-	2	336	24	259
Male	668	129	43	35	2	-	-	1	217	20	221
Female	203	22	17	1	1	-	-	1	119	4	38
All other	118	9	12	1	-	-	1	-	64	4	27
Male	81	9	6	1	-	-	-	-	40	4	21
Female	37	-	6	-	-	-	1	-	24	-	6
Black	70	2	6	1	-	-	1	-	42	2	16
Male	44	2	3	1	-	-	-	-	25	2	11
Female	26	-	3	-	-	-	1	-	17	-	5

SECTION 5 - ACCIDENT MORTALITY - PAGE 6

Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1989—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)	778	2	1	4	2	6	15	126	172	107	63	60	63	33
Male	663	1	1	2	2	6	12	104	145	97	56	48	55	27
Female	115	1	—	2	—	—	3	22	27	10	7	12	8	6
White	654	1	1	3	2	6	13	99	150	87	52	50	50	28
Male	557	1	1	1	2	6	11	81	127	79	46	41	43	22
Female	97	—	—	2	—	—	2	18	23	8	6	9	7	6
All other	124	1	—	1	—	—	2	27	22	20	11	10	13	5
Male	106	—	—	1	—	—	1	23	18	18	10	7	12	5
Female	18	1	—	—	—	—	1	4	4	2	1	3	1	—
Black	106	1	—	1	—	—	2	26	18	17	7	8	13	4
Male	91	—	—	1	—	—	1	22	15	15	7	5	12	4
Female	15	1	—	—	—	—	1	4	3	2	—	3	1	—
Pedestrian (.7)	7,370	8	158	118	91	88	463	448	247	348	518	607	617	565
Male	5,145	1	81	61	55	64	262	276	170	236	412	463	446	429
Female	2,225	7	77	57	36	24	201	172	77	112	106	124	171	136
White	5,641	7	122	89	65	59	342	306	186	289	412	465	441	375
Male	3,879	1	59	46	43	41	190	187	126	200	330	374	317	288
Female	1,762	6	63	43	22	18	152	119	60	89	82	91	124	87
All other	1,729	1	36	29	26	29	121	142	61	59	106	142	176	190
Male	1,266	—	22	15	12	23	72	89	44	36	82	109	129	141
Female	463	1	14	14	14	6	49	53	17	23	24	33	47	49
Black	1,394	1	19	25	21	24	90	126	55	35	81	124	151	149
Male	1,043	—	13	14	9	18	54	78	41	18	59	96	112	119
Female	351	1	6	11	12	6	36	48	14	17	22	28	39	30
Other specified person (.8)	60	—	—	1	—	—	1	6	3	8	8	8	6	5
Male	53	—	—	—	—	—	—	4	2	8	8	8	6	4
Female	7	—	—	1	—	—	1	2	1	—	—	—	—	1
White	48	—	—	1	—	—	1	5	3	6	5	5	6	4
Male	41	—	—	—	—	—	—	3	2	6	5	5	6	3
Female	7	—	—	1	—	—	1	2	1	—	—	—	—	1
All other	12	—	—	—	—	—	—	1	—	2	3	3	—	1
Male	12	—	—	—	—	—	—	1	—	2	3	3	—	1
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Black	9	—	—	—	—	—	—	1	—	1	2	3	—	1
Male	9	—	—	—	—	—	—	1	—	1	2	3	—	1
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unspecified person (.9)	8,553	28	20	19	10	20	97	102	123	1,178	1,340	1,086	828	612
Male	5,968	14	9	11	7	10	51	60	77	794	1,039	826	621	453
Female	2,585	14	11	8	3	10	46	42	46	384	301	260	207	159
White	7,409	25	17	11	7	16	76	84	113	1,075	1,151	921	700	505
Male	5,134	14	6	7	6	7	40	51	68	726	885	700	525	371
Female	2,275	11	11	4	1	9	36	33	45	349	266	221	175	134
All other	1,144	3	3	8	3	4	21	18	10	103	189	165	128	107
Male	834	—	3	4	1	3	11	9	9	68	154	126	96	82
Female	310	3	—	4	2	1	10	9	1	35	35	39	32	25
Black	942	3	3	5	3	3	17	13	9	80	162	125	102	86
Male	696	—	3	3	1	3	10	6	8	55	131	94	76	70
Female	246	3	—	2	2	—	7	7	1	25	31	31	26	16
Motor vehicle traffic accidents (E810-E819)	46,586	213	214	227	197	212	1,063	1,082	1,101	6,156	6,600	5,648	4,464	3,406
Male	31,955	113	106	122	113	125	579	659	703	4,188	5,078	4,238	3,278	2,471
Female	14,631	100	108	105	84	87	484	423	398	1,968	1,522	1,410	1,186	935
White	39,620	150	168	165	145	161	789	827	924	5,519	5,612	4,754	3,692	2,763
Male	26,953	79	80	89	88	94	430	498	582	3,712	4,312	3,574	2,720	1,998
Female	12,667	71	88	76	57	67	359	329	342	1,807	1,300	1,180	972	765
All other	6,966	63	46	62	52	51	274	255	177	637	988	894	772	643
Male	5,002	34	26	33	25	31	149	161	121	476	766	664	558	473
Female	1,964	29	20	29	27	20	125	94	56	161	222	230	214	170
Black	5,541	48	36	48	36	38	206	220	137	467	774	711	631	505
Male	4,076	24	24	29	18	24	119	140	100	360	605	527	466	390
Female	1,465	24	12	19	18	14	87	80	37	107	169	184	165	115
Driver of motor vehicle other than motorcycle (.0)	18,870	3	—	1	1	1	6	6	63	2,388	2,902	2,555	2,067	1,591
Male	13,702	1	—	1	1	1	4	3	49	1,681	2,241	1,914	1,537	1,178
Female	5,168	2	—	—	—	—	2	3	14	707	661	641	530	413
White	16,508	3	—	1	1	1	6	5	55	2,189	2,495	2,210	1,746	1,335
Male	11,890	1	—	1	1	1	4	2	44	1,520	1,910	1,652	1,297	988
Female	4,618	2	—	—	—	—	2	3	11	669	585	558	449	347
All other	2,362	—	—	—	—	—	—	1	8	199	407	345	321	256
Male	1,812	—	—	—	—	—	—	1	5	161	331	262	240	190
Female	550	—	—	—	—	—	—	—	3	38	76	83	81	66
Black	1,899	—	—	—	—	—	—	1	6	151	315	275	258	196
Male	1,469	—	—	—	—	—	—	1	5	124	263	206	195	147
Female	430	—	—	—	—	—	—	—	1	27	52	69	63	49
Passenger in motor vehicle other than motorcycle (.1)	9,168	175	111	117	116	107	626	421	476	1,795	1,217	867	582	415
Male	4,654	97	55	62	61	50	325	225	243	1,073	793	536	336	211
Female	4,514	78	56	55	55	57	301	196	233	722	424	331	246	204
White	7,717	117	85	90	89	89	470	346	404	1,579	988	696	467	349
Male	3,846	63	41	47	49	45	245	184	202	917	648	434	276	177
Female	3,871	54	44	43	40	44	225	162	202	662	340	262	191	172
All other	1,451	58	26	27	27	18	156	75	72	216	229	171	115	66
Male	808	34	14	15	12	5	80	41	41	156	145	102	60	34
Female	643	24	12	12	15	13	76	34	31	60	84	69	55	32
Black	1,056	43	20	19	16	11	109	60	45	155	174	126	87	51
Male	616	24	13	12	8	3	60	33	27	119	110	76	50	30
Female	440	19	7	7	8	8	49	27	18	36	64	50	37	21

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Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1989—Con.

(Page 4 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
Pedal cyclist (.6)	32	18	12	14	13	10	12	18	10	-	-	-	-	-
Male	26	16	11	10	12	7	11	16	10	-	-	-	-	-
Female	6	2	1	4	1	3	1	2	-	-	-	-	-	-
White	30	15	8	14	10	9	12	17	10	-	-	-	-	-
Male	24	14	7	10	9	6	11	16	10	-	-	-	-	-
Female	6	1	1	4	1	3	1	1	-	-	-	-	-	-
All other	2	3	4	-	3	1	-	1	-	-	-	-	-	-
Male	2	2	4	-	3	1	-	-	-	-	-	-	-	-
Female	-	1	-	-	-	-	-	1	-	-	-	-	-	-
Black	2	3	4	-	2	-	-	-	-	-	-	-	-	-
Male	2	2	4	-	2	-	-	-	-	-	-	-	-	-
Female	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Pedestrian (.7)	452	336	335	344	351	327	379	415	338	189	50	14	-	27
Male	350	262	252	273	251	216	228	237	183	111	34	9	-	25
Female	102	74	83	71	100	111	151	178	155	78	16	5	-	2
White	323	243	241	256	262	259	322	362	307	172	43	12	-	23
Male	245	187	177	196	186	172	185	202	161	96	30	8	-	22
Female	78	56	64	60	76	87	137	160	146	76	13	4	-	1
All other	129	93	94	88	89	68	57	53	31	17	7	2	-	4
Male	105	75	75	77	65	44	43	35	22	15	4	1	-	3
Female	24	18	19	11	24	24	14	18	9	2	3	1	-	1
Black	111	74	76	71	67	54	48	42	20	11	4	1	-	4
Male	90	59	67	63	54	36	35	31	14	10	3	1	-	3
Female	21	15	9	8	13	18	13	11	6	1	-	-	-	1
Other specified person (.8)	6	2	1	2	1	1	-	1	-	-	1	-	-	-
Male	6	2	1	2	1	1	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	1	-	-	1	-	-	-
White	4	2	1	2	1	1	-	1	-	-	1	-	-	-
Male	4	2	1	2	1	1	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	1	-	-	1	-	-	-
All other	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified person (.9)	510	408	322	307	343	332	316	266	227	106	40	6	1	3
Male	351	290	216	209	228	200	178	150	129	68	23	2	-	3
Female	159	118	106	98	115	132	138	116	98	38	17	4	1	-
White	434	347	271	264	286	297	288	238	216	97	36	6	1	3
Male	301	246	180	182	185	182	156	130	120	61	20	2	-	3
Female	133	101	91	82	101	115	132	108	96	36	16	4	1	-
All other	76	61	51	43	57	35	28	28	11	9	4	-	-	-
Male	50	44	36	27	43	18	22	20	9	7	3	-	-	-
Female	26	17	15	16	14	17	6	8	2	2	1	-	-	-
Black	65	53	44	36	49	31	27	23	8	9	3	-	-	-
Male	44	39	31	24	39	16	21	16	7	7	2	-	-	-
Female	21	14	13	12	10	15	6	7	1	2	1	-	-	-
Motor vehicle traffic accidents (E810-E819)	2,784	2,037	1,775	1,640	1,701	1,679	1,701	1,612	1,243	635	182	36	3	38
Male	1,949	1,415	1,209	1,126	1,077	963	930	874	685	376	103	20	-	34
Female	835	622	566	514	624	716	771	738	558	259	79	16	3	4
White	2,299	1,686	1,466	1,379	1,449	1,470	1,533	1,467	1,156	599	166	33	3	34
Male	1,598	1,152	979	937	904	837	821	781	630	347	93	17	-	31
Female	701	534	487	442	545	633	712	686	526	252	73	16	3	3
All other	485	351	309	261	252	209	168	145	87	36	16	3	-	4
Male	351	263	230	189	173	126	109	93	55	29	10	3	-	3
Female	134	88	79	72	79	83	59	52	32	7	6	-	-	1
Black	395	284	252	206	211	169	142	116	67	30	11	3	-	4
Male	291	215	200	152	153	107	93	80	40	24	8	3	-	3
Female	104	69	52	54	58	62	49	36	27	6	3	-	-	1
Driver of motor vehicle other than motorcycle (.0)	1,349	954	839	749	712	708	677	588	459	205	45	6	-	1
Male	954	679	612	557	498	473	438	379	310	155	33	6	-	1
Female	395	275	227	192	214	235	239	209	149	50	12	-	-	-
White	1,148	816	720	657	641	630	627	548	431	198	44	6	-	1
Male	800	571	520	487	447	415	407	349	289	149	32	6	-	1
Female	348	245	200	170	194	215	220	199	142	49	12	-	-	-
All other	201	138	119	92	71	78	50	40	28	7	1	-	-	-
Male	154	108	92	70	51	58	31	30	21	6	1	-	-	-
Female	47	30	27	22	20	20	19	10	7	1	-	-	-	-
Black	167	114	100	76	64	67	45	35	22	6	1	-	-	-
Male	127	90	80	56	47	52	28	27	15	5	1	-	-	-
Female	40	24	20	20	17	15	17	8	7	1	-	-	-	-
Passenger in motor vehicle other than motorcycle (.1)	331	255	235	228	283	317	340	334	235	146	48	11	1	5
Male	156	111	85	77	87	77	82	95	70	50	15	3	-	4
Female	175	144	150	151	196	240	258	239	165	96	33	8	1	1
White	266	203	196	187	248	287	305	310	215	142	44	9	1	5
Male	130	81	64	60	73	70	68	86	64	49	13	1	-	4
Female	136	122	132	127	175	217	237	224	151	93	31	8	1	1
All other	65	52	39	41	35	30	35	24	20	4	2	-	-	-
Male	26	30	21	17	14	7	14	9	6	1	2	-	-	-
Female	39	22	18	24	21	23	21	15	14	3	2	-	-	-
Black	42	38	27	25	30	19	24	16	19	4	3	2	-	-
Male	18	23	17	10	12	4	10	6	6	1	2	-	-	-
Female	24	15	10	15	18	15	14	10	13	3	1	-	-	-

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Table 5-2. Deaths From Motor Vehicle Accidents, by Person Injured, 5-Year Age Groups, Race, and Sex: United States, 1989—Con.

(Page 9 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
Rider of animal; occupant of animal-drawn vehicle (.5)	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Female	1	-	-	-	-	-	-	-	-	-	-	-	-	1
White	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Female	1	-	-	-	-	-	-	-	-	-	-	-	-	1
All other	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Female	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Black	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Female	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Pedal cyclist (.6)	2	-	-	1	1	-	2	-	-	-	-	-	-	-
Male	1	-	-	1	1	-	1	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	1	-	-	-	-	-	-	-
White	2	-	-	1	1	-	2	-	-	-	-	-	-	-
Male	1	-	-	1	1	-	1	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	1	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pedestrian (.7)	400	2	75	32	22	10	141	17	4	13	14	15	17	27
Male	257	-	40	15	12	7	74	9	2	9	11	14	13	22
Female	143	2	35	17	10	3	67	8	2	4	3	1	4	5
White	336	2	56	29	18	9	114	10	4	12	12	15	16	22
Male	217	-	27	13	12	6	58	7	2	8	9	14	12	19
Female	119	2	29	16	6	3	56	3	2	4	3	1	4	3
All other	64	-	19	3	4	1	27	7	1	1	2	-	1	5
Male	40	-	13	2	1	1	16	2	-	1	2	-	1	3
Female	24	-	6	1	4	-	11	5	-	-	-	-	-	2
Black	42	-	6	2	4	1	13	6	-	1	2	-	1	3
Male	25	-	5	1	-	1	7	1	-	1	2	-	1	2
Female	17	-	1	1	4	-	6	5	-	-	-	-	-	1
Other specified person (.8)	28	-	-	-	-	-	-	4	1	3	5	3	2	3
Male	24	-	-	-	-	-	-	2	1	3	5	3	2	3
Female	4	-	-	-	-	-	-	2	1	1	1	1	1	1
White	24	-	-	-	-	-	-	4	1	2	3	2	2	3
Male	20	-	-	-	-	-	-	2	1	2	3	2	2	3
Female	4	-	-	-	-	-	-	2	-	1	1	1	1	1
All other	4	-	-	-	-	-	-	-	-	1	2	1	-	-
Male	4	-	-	-	-	-	-	-	-	-	1	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	2	-	-	-	-	-	-	-	-	-	1	1	-	-
Male	2	-	-	-	-	-	-	-	-	-	1	1	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified person (.9)	286	1	1	-	1	1	4	11	13	31	38	37	31	20
Male	242	1	-	-	1	1	2	6	11	26	35	32	27	18
Female	44	-	1	-	-	1	2	5	2	5	3	5	4	2
White	259	1	1	-	1	1	4	9	13	28	34	35	26	20
Male	221	1	-	-	1	1	2	5	11	24	31	31	24	18
Female	38	-	1	-	-	1	2	4	2	4	3	4	2	2
All other	27	-	-	-	-	-	-	2	2	3	4	2	5	2
Male	21	-	-	-	-	-	-	1	-	2	4	1	3	-
Female	6	-	-	-	-	-	-	1	-	1	1	1	2	-
Black	16	-	-	-	-	-	-	1	-	3	3	1	1	-
Male	11	-	-	-	-	-	-	-	-	2	3	-	1	-
Female	5	-	-	-	-	-	-	1	-	1	-	1	-	-

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Table 5-3. Deaths From Motor Vehicle Accidents, by Person Injured, Race, and Sex: United States and Each State, 1989—Con.

(Page 5 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	Passenger in motor vehicle other than motorcycle	Motorcyclist	Passenger on motorcycle	Occupant of streetcar	Rider of animal; occupant of animal-drawn vehicle	Pedal cyclist	Pedestrian	Other specified person	Unspecified person
		(.0)	(.1)	(.2)	(.3)	(.4)	(.5)	(.6)	(.7)	(.8)	(.9)
Nebraska	312	172	77	10	3	-	-	3	31	-	16
Male	196	112	34	10	-	-	-	3	24	-	13
Female	116	60	43	-	3	-	-	-	7	-	3
White	290	166	67	9	3	-	-	2	30	-	13
Male	183	109	29	9	-	-	-	2	23	-	11
Female	107	57	38	-	3	-	-	-	7	-	2
All other	22	6	10	1	-	-	-	1	1	-	3
Male	13	3	5	1	-	-	-	1	1	-	2
Female	9	3	5	-	-	-	-	-	-	-	1
Black	9	5	2	-	-	-	-	1	-	-	1
Male	5	2	2	-	-	-	-	1	-	-	-
Female	4	3	-	-	-	-	-	-	-	-	-
Nevada	278	106	65	17	2	-	-	5	30	2	51
Male	189	77	30	17	1	-	-	5	21	2	36
Female	89	29	35	-	1	-	-	-	9	-	15
White	242	93	49	16	2	-	-	4	29	2	47
Male	163	66	20	16	1	-	-	4	20	2	34
Female	79	27	29	1	1	-	-	-	9	-	13
All other	36	13	16	1	-	-	-	1	1	-	4
Male	26	11	10	1	-	-	-	1	1	-	2
Female	10	2	6	-	-	-	-	-	-	-	2
Black	20	7	8	1	-	-	-	1	1	-	2
Male	16	6	6	1	-	-	-	1	1	-	1
Female	4	1	2	-	-	-	-	-	-	-	1
New Hampshire	192	97	44	13	2	-	-	2	18	-	16
Male	127	64	21	12	1	-	-	2	12	-	15
Female	65	33	23	1	1	-	-	-	6	-	1
White	188	93	44	13	2	-	-	2	18	-	16
Male	124	61	21	12	1	-	-	2	12	-	15
Female	64	32	23	1	1	-	-	-	6	-	1
All other	4	4	-	-	-	-	-	-	-	-	-
Male	3	3	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-
Black	2	2	-	-	-	-	-	-	-	-	-
Male	2	2	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
New Jersey	949	301	172	23	3	-	-	15	237	-	198
Male	621	217	77	23	-	-	-	15	160	-	129
Female	328	84	95	-	3	-	-	-	77	-	69
White	800	263	143	22	3	-	-	14	184	-	171
Male	519	188	61	22	-	-	-	14	124	-	110
Female	281	75	82	-	3	-	-	-	60	-	61
All other	149	38	29	1	-	-	-	1	53	-	27
Male	102	29	16	1	-	-	-	1	36	-	19
Female	47	9	13	-	-	-	-	-	17	-	8
Black	135	33	27	1	-	-	-	1	49	-	24
Male	91	24	16	1	-	-	-	1	33	-	16
Female	44	9	11	-	-	-	-	-	16	-	8
New Mexico	490	225	115	23	8	-	-	5	89	-	25
Male	338	166	58	23	6	-	-	4	65	-	16
Female	152	59	57	-	2	-	-	1	24	-	9
White	374	188	89	18	8	-	-	4	50	-	17
Male	264	140	49	18	6	-	-	3	37	-	11
Female	110	48	40	-	2	-	-	1	13	-	6
All other	116	37	26	5	-	-	-	1	39	-	8
Male	74	26	9	5	-	-	-	1	28	-	5
Female	42	11	17	-	-	-	-	-	11	-	3
Black	7	3	-	-	-	-	-	-	4	-	-
Male	5	2	-	-	-	-	-	-	3	-	-
Female	2	1	-	-	-	-	-	-	1	-	-
New York	2,432	830	397	96	11	-	-	58	665	6	369
Male	1,633	610	185	93	5	-	-	44	422	6	266
Female	799	220	212	3	6	-	-	14	243	-	101
White	2,058	722	336	84	10	-	-	52	506	5	343
Male	1,360	521	152	81	4	-	-	40	311	5	246
Female	698	201	184	3	6	-	-	12	195	-	97
All other	374	108	61	12	1	-	-	6	159	1	26
Male	273	89	33	12	1	-	-	4	111	1	22
Female	101	19	28	-	-	-	-	2	48	-	4
Black	324	94	51	9	1	-	-	5	141	1	22
Male	240	77	28	9	1	-	-	4	101	1	19
Female	84	17	23	-	-	-	-	1	40	-	3
North Carolina	1,589	816	365	46	5	-	-	24	229	1	103
Male	1,088	586	198	45	4	-	-	21	162	1	71
Female	501	230	167	1	1	-	-	3	67	-	32
White	1,186	648	274	39	3	-	-	17	133	1	71
Male	786	449	146	38	2	-	-	17	87	1	46
Female	400	199	128	1	1	-	-	7	46	-	25
All other	403	168	91	7	2	-	-	7	96	-	32
Male	302	137	52	7	2	-	-	4	75	-	25
Female	101	31	39	-	-	-	-	3	21	-	7
Black	365	151	82	6	2	-	-	7	89	-	29
Male	276	124	49	6	2	-	-	4	69	-	22
Female	90	27	33	-	-	-	-	3	20	-	7

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Table 5-3. Deaths From Motor Vehicle Accidents, by Person Injured, Race, and Sex: United States and Each State, 1989—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	Passenger in motor vehicle other than motorcycle	Motorcyclist	Passenger on motorcycle	Occupant of streetcar	Rider of animal; occupant of animal-drawn vehicle	Pedal cyclist	Pedestrian	Other specified person	Unspecified person
		(.0)	(.1)	(.2)	(.3)	(.4)	(.5)	(.6)	(.7)	(.8)	(.9)
North Dakota	101	56	16	2	-	-	-	3	15	1	8
Male	71	43	7	2	-	-	-	2	10	1	6
Female	30	13	9	-	-	-	-	1	5	-	2
White	89	48	14	2	-	-	-	3	13	1	8
Male	60	36	5	2	-	-	-	2	8	1	6
Female	29	12	9	-	-	-	-	1	5	-	2
All other	12	8	2	-	-	-	-	-	2	-	-
Male	11	7	2	-	-	-	-	-	2	-	-
Female	1	1	-	-	-	-	-	-	-	-	-
Black	1	1	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Ohio	1,769	472	256	89	16	1	-	30	219	2	684
Male	1,187	338	115	87	6	1	-	22	157	1	460
Female	582	134	141	2	10	-	-	8	62	1	224
White	1,610	421	225	77	16	1	-	27	186	2	655
Male	1,068	296	101	75	6	1	-	19	133	1	436
Female	542	125	124	2	10	-	-	8	53	1	219
All other	159	51	31	12	-	-	-	3	33	-	29
Male	119	42	14	12	-	-	-	3	24	-	24
Female	40	9	17	-	-	-	-	-	9	-	5
Black	140	45	26	12	-	-	-	-	30	-	24
Male	110	38	12	12	-	-	-	3	23	-	22
Female	30	7	14	-	-	-	-	-	7	-	2
Oklahoma	672	337	152	34	3	-	-	9	71	1	65
Male	481	250	80	34	1	-	-	8	62	1	45
Female	191	87	72	-	2	-	-	1	9	-	20
White	578	297	129	28	3	-	-	7	57	-	57
Male	411	221	66	28	1	-	-	7	50	-	38
Female	167	76	63	-	2	-	-	-	7	-	19
All other	94	40	23	6	-	-	-	2	14	1	8
Male	70	29	14	6	-	-	-	1	12	1	7
Female	24	11	9	-	-	-	-	1	2	-	1
Black	49	17	11	6	-	-	-	1	10	-	4
Male	40	13	9	6	-	-	-	-	9	-	3
Female	9	4	2	-	-	-	-	1	1	-	1
Oregon	641	322	140	41	2	-	-	12	66	2	56
Male	420	219	65	40	2	-	-	12	45	1	36
Female	221	103	75	1	-	-	-	-	21	1	20
White	614	311	134	40	2	-	-	11	61	2	53
Male	407	214	62	39	2	-	-	11	43	1	35
Female	207	97	72	1	-	-	-	-	18	1	18
All other	27	11	6	1	-	-	-	1	5	-	3
Male	13	5	3	1	-	-	-	1	2	-	1
Female	14	6	3	-	-	-	-	-	3	-	2
Black	10	4	3	-	-	-	-	1	-	-	2
Male	4	1	2	-	-	-	-	1	-	-	-
Female	6	3	1	-	-	-	-	-	-	-	2
Pennsylvania	1,984	567	308	61	2	-	1	28	284	1	732
Male	1,380	418	154	58	1	-	-	23	197	1	528
Female	604	149	154	3	1	-	1	5	87	-	204
White	1,821	515	278	57	1	-	1	24	237	1	707
Male	1,262	375	141	54	-	-	-	20	165	1	506
Female	559	140	137	3	1	-	1	4	72	-	201
All other	163	52	30	4	1	-	-	4	47	-	25
Male	118	43	13	4	1	-	-	3	32	-	22
Female	45	9	17	-	-	-	-	1	15	-	3
Black	146	44	28	3	1	-	-	3	44	-	23
Male	104	36	12	3	1	-	-	2	30	-	20
Female	42	8	16	-	-	-	-	1	14	-	3
Rhode Island	119	55	26	12	-	-	-	-	18	-	8
Male	87	41	15	12	-	-	-	-	12	-	7
Female	32	14	11	-	-	-	-	-	6	-	1
White	112	54	26	12	-	-	-	-	15	-	5
Male	83	40	15	12	-	-	-	-	11	-	5
Female	29	14	11	-	-	-	-	-	4	-	-
All other	7	1	-	-	-	-	-	-	3	-	3
Male	4	1	-	-	-	-	-	-	1	-	2
Female	3	-	-	-	-	-	-	-	2	-	1
Black	4	1	-	-	-	-	-	-	3	-	-
Male	2	1	-	-	-	-	-	-	1	-	-
Female	2	-	-	-	-	-	-	-	2	-	-
South Carolina	950	506	191	35	6	-	-	14	132	-	66
Male	668	382	95	34	3	-	-	13	96	-	45
Female	282	124	96	1	3	-	-	1	36	-	21
White	630	369	123	26	4	-	-	7	59	-	42
Male	438	279	59	25	1	-	-	7	41	-	26
Female	192	90	64	1	3	-	-	-	18	-	16
All other	320	137	68	9	2	-	-	7	73	-	24
Male	230	103	36	9	2	-	-	6	55	-	19
Female	90	34	32	-	-	-	-	1	18	-	5
Black	314	134	65	9	2	-	-	7	73	-	24
Male	227	103	33	9	2	-	-	6	55	-	19
Female	87	31	32	-	-	-	-	1	18	-	5

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Table 5-4. Deaths From Accidental Poisoning, by Age, Race, and Sex: United States, 1989

(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)	5,035	19	14	3	2	5	43	13	439	3,319	642	572	7
Male	3,634	11	8	2	2	2	25	7	333	2,607	402	255	5
Female	1,401	8	6	1	1	3	18	6	106	712	240	317	2
White	3,862	8	7	2	2	4	23	11	332	2,512	475	503	6
Male	2,789	4	4	1	2	2	13	7	249	2,022	280	214	4
Female	1,073	4	3	1	1	2	10	4	83	490	195	289	2
All other	1,173	11	7	1	1	1	20	2	107	807	167	69	1
Male	845	7	4	1	1	1	12	1	84	585	122	41	1
Female	328	4	3	1	1	1	8	2	23	222	45	28	1
Black	1,117	10	6	1	1	1	18	1	100	780	153	64	1
Male	809	6	4	1	1	1	11	1	80	563	117	37	1
Female	308	4	2	1	1	1	7	1	20	217	36	27	1
By analgesics, antipyretics, antirheumatics (E850)	1,329	4	2	1	1	1	8	3	79	1,006	176	54	3
Male	1,049	1	2	1	1	1	5	1	62	837	124	18	3
Female	280	3	1	1	1	1	3	3	17	169	52	36	1
White	1,061	1	2	1	1	1	5	1	63	806	132	52	2
Male	857	1	2	1	1	1	4	1	50	688	96	17	2
Female	204	1	1	1	1	1	1	1	13	118	36	35	1
All other	268	3	1	1	1	1	3	2	16	200	44	2	1
Male	192	1	1	1	1	1	2	1	12	149	28	1	1
Female	76	2	1	1	1	1	1	2	4	51	16	1	1
Black	253	3	1	1	1	1	3	1	15	192	39	2	1
Male	183	1	1	1	1	1	1	1	12	141	27	1	1
Female	70	2	1	1	1	1	2	1	3	51	12	1	1
Opiates and related narcotics (E850.0)	957	2	1	1	1	1	4	1	56	767	120	8	2
Male	807	1	1	1	1	1	2	1	44	659	97	3	2
Female	150	2	1	1	1	1	2	1	12	108	23	5	1
White	742	1	1	1	1	1	3	1	43	600	87	7	2
Male	647	1	1	1	1	1	2	1	34	532	75	2	2
Female	95	1	1	1	1	1	1	1	9	68	12	5	1
All other	215	1	1	1	1	1	1	1	13	167	33	1	1
Male	160	1	1	1	1	1	1	1	10	127	22	1	1
Female	55	1	1	1	1	1	1	1	3	40	11	1	1
Black	205	1	1	1	1	1	1	1	12	161	30	1	1
Male	153	1	1	1	1	1	1	1	10	121	21	1	1
Female	52	1	1	1	1	1	1	1	2	40	9	1	1
Salicylates (E850.1)	67	1	1	1	1	1	2	1	3	17	16	29	1
Male	27	1	1	1	1	1	1	1	1	11	3	11	1
Female	40	1	1	1	1	1	1	1	2	6	13	18	1
White	60	1	1	1	1	1	1	1	3	14	14	28	1
Male	24	1	1	1	1	1	1	1	1	9	2	11	1
Female	36	1	1	1	1	1	1	1	2	5	12	17	1
All other	7	1	1	1	1	1	1	1	1	3	2	1	1
Male	3	1	1	1	1	1	1	1	1	2	1	1	1
Female	4	1	1	1	1	1	1	1	1	1	1	1	1
Black	7	1	1	1	1	1	1	1	1	3	2	1	1
Male	3	1	1	1	1	1	1	1	1	2	1	1	1
Female	4	1	1	1	1	1	1	1	1	1	1	1	1
All other analgesics, antipyretics, antirheumatics (E850.2-E850.9)	305	1	1	1	1	1	2	3	20	222	40	17	1
Male	215	1	1	1	1	1	2	1	17	167	24	4	1
Female	90	1	1	1	1	1	1	3	3	55	16	13	1
White	259	1	1	1	1	1	1	1	17	192	31	17	1
Male	186	1	1	1	1	1	1	1	15	147	19	4	1
Female	73	1	1	1	1	1	1	1	2	45	12	13	1
All other	46	1	1	1	1	1	1	2	3	30	9	1	1
Male	29	1	1	1	1	1	1	2	2	20	5	1	1
Female	17	1	1	1	1	1	1	1	1	10	4	1	1
Black	41	1	1	1	1	1	1	1	3	28	7	1	1
Male	27	1	1	1	1	1	1	1	2	18	5	1	1
Female	14	1	1	1	1	1	1	1	1	10	2	1	1
By barbiturates (E851)	26	1	1	1	1	1	1	1	1	11	10	4	1
Male	18	1	1	1	1	1	1	1	1	10	7	1	1
Female	8	1	1	1	1	1	1	1	1	1	3	4	1
White	23	1	1	1	1	1	1	1	1	10	9	4	1
Male	16	1	1	1	1	1	1	1	1	10	6	4	1
Female	7	1	1	1	1	1	1	1	1	1	3	4	1
All other	3	1	1	1	1	1	1	1	1	1	1	1	1
Male	2	1	1	1	1	1	1	1	1	1	1	1	1
Female	1	1	1	1	1	1	1	1	1	1	1	1	1
Black	3	1	1	1	1	1	1	1	1	1	1	1	1
Male	2	1	1	1	1	1	1	1	1	1	1	1	1
Female	1	1	1	1	1	1	1	1	1	1	1	1	1
By other sedatives and hypnotics (E852)	25	1	1	1	1	1	1	1	1	14	8	1	1
Male	13	1	1	1	1	1	1	1	1	8	3	1	1
Female	12	1	1	1	1	1	1	1	1	6	5	1	1
White	21	1	1	1	1	1	1	1	1	12	7	1	1
Male	12	1	1	1	1	1	1	1	1	8	2	1	1
Female	9	1	1	1	1	1	1	1	1	4	5	1	1
All other	4	1	1	1	1	1	1	1	1	2	1	1	1
Male	1	1	1	1	1	1	1	1	1	1	1	1	1
Female	3	1	1	1	1	1	1	1	1	2	1	1	1
Black	4	1	1	1	1	1	1	1	1	2	1	1	1
Male	1	1	1	1	1	1	1	1	1	1	1	1	1
Female	3	1	1	1	1	1	1	1	1	2	1	1	1

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Table 5-4. Deaths From Accidental Poisoning, by Age, Race, and Sex: United States, 1989—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)	68	-	-	-	-	1	1	-	3	36	21	7	-
Male	40	-	-	-	-	-	-	-	2	24	10	4	-
Female	28	-	-	-	-	1	1	-	1	12	11	3	-
White	62	-	-	-	-	1	1	-	3	31	21	6	-
Male	36	-	-	-	-	-	-	-	2	21	10	3	-
Female	26	-	-	-	-	1	1	-	1	10	11	3	-
All other	6	-	-	-	-	-	-	-	-	5	-	1	-
Male	4	-	-	-	-	-	-	-	-	3	-	1	-
Female	2	-	-	-	-	-	-	-	-	2	-	-	-
Black	5	-	-	-	-	-	-	-	-	5	-	-	-
Male	3	-	-	-	-	-	-	-	-	3	-	-	-
Female	2	-	-	-	-	-	-	-	-	2	-	-	-
By other psychotropic agents (E854)	240	1	1	-	-	-	2	1	24	146	56	11	-
Male	148	1	1	-	-	-	1	1	18	100	25	3	-
Female	92	1	-	-	-	-	1	-	6	46	31	8	-
White	214	1	1	-	-	-	2	1	22	127	51	11	-
Male	135	1	1	-	-	-	1	1	16	91	23	3	-
Female	79	1	-	-	-	-	1	-	6	36	28	8	-
All other	26	-	-	-	-	-	-	-	2	19	5	-	-
Male	13	-	-	-	-	-	-	-	2	9	2	-	-
Female	13	-	-	-	-	-	-	-	-	10	3	-	-
Black	20	-	-	-	-	-	-	-	1	15	4	-	-
Male	11	-	-	-	-	-	-	-	1	8	2	-	-
Female	9	-	-	-	-	-	-	-	-	7	2	-	-
By other drugs acting on central and autonomic nervous systems (E855)	1,137	6	4	1	-	-	11	1	178	836	83	27	1
Male	880	4	1	-	-	-	5	1	139	647	72	15	1
Female	257	2	3	1	-	-	6	-	39	189	11	12	-
White	722	3	2	1	-	-	6	1	122	533	38	21	1
Male	570	2	2	-	-	-	2	1	94	429	31	12	1
Female	152	1	2	1	-	-	4	-	28	104	7	9	-
All other	415	3	2	-	-	-	5	-	56	303	45	6	-
Male	310	2	1	-	-	-	3	-	45	218	41	3	-
Female	105	1	1	-	-	-	2	-	11	85	4	3	-
Black	407	3	2	-	-	-	5	-	55	296	45	6	-
Male	303	2	1	-	-	-	3	-	44	212	41	3	-
Female	104	1	1	-	-	-	2	-	11	84	4	3	-
By antibiotics (E856)	51	-	-	-	1	-	1	3	1	8	14	24	-
Male	21	-	-	-	1	-	1	2	1	3	4	11	-
Female	30	-	-	-	-	-	-	1	5	5	10	13	-
White	48	-	-	-	1	-	1	3	1	7	13	23	-
Male	21	-	-	-	1	-	1	2	1	3	4	11	-
Female	27	-	-	-	-	-	-	1	1	4	9	12	-
All other	3	-	-	-	-	-	-	-	1	1	1	1	-
Male	3	-	-	-	-	-	-	-	-	-	-	-	-
Female	3	-	-	-	-	-	-	-	-	-	-	-	-
Black	2	-	-	-	-	-	-	-	-	1	1	1	-
Male	2	-	-	-	-	-	-	-	-	1	-	1	-
Female	2	-	-	-	-	-	-	-	-	-	-	1	-
By anti-infectives (E857)	5	-	-	-	-	-	-	-	2	1	2	-	-
Male	3	-	-	-	-	-	-	-	1	1	1	-	-
Female	2	-	-	-	-	-	-	-	1	1	1	-	-
White	2	-	-	-	-	-	-	-	1	1	1	-	-
Male	2	-	-	-	-	-	-	-	-	1	1	-	-
Female	2	-	-	-	-	-	-	-	1	1	1	-	-
All other	3	-	-	-	-	-	-	-	2	-	1	-	-
Male	1	-	-	-	-	-	-	-	1	-	1	-	-
Female	2	-	-	-	-	-	-	-	1	-	-	-	-
Black	1	-	-	-	-	-	-	-	1	-	-	-	-
Male	1	-	-	-	-	-	-	-	1	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	-	-
By other drugs (E858)	2,154	8	6	1	-	3	18	4	151	1,261	272	445	3
Male	1,462	6	3	1	-	2	12	2	110	977	156	204	1
Female	692	2	3	-	-	1	6	2	41	284	116	241	2
White	1,709	3	2	-	-	3	8	4	120	995	203	386	3
Male	1,140	2	1	-	-	2	5	2	86	771	107	168	1
Female	569	1	1	-	-	1	3	2	34	214	96	218	2
All other	445	5	4	1	-	-	10	-	31	276	69	59	-
Male	322	4	2	1	-	-	7	-	24	206	49	36	-
Female	123	1	2	-	-	-	3	-	7	70	20	23	-
Black	422	4	3	1	-	-	8	-	28	268	63	55	-
Male	305	3	2	1	-	-	6	-	22	199	45	33	-
Female	117	1	1	-	-	-	2	-	6	69	18	22	-
Agents primarily affecting cardiovascular system (E858.3)	279	2	1	-	-	1	4	-	3	7	25	240	-
Male	122	1	-	-	-	1	2	-	1	5	15	99	-
Female	157	1	1	-	-	-	2	-	2	2	10	141	-
White	234	1	-	-	-	1	2	-	1	6	21	204	-
Male	98	-	-	-	-	1	1	-	1	5	14	77	-
Female	136	1	-	-	-	-	1	-	-	1	7	127	-
All other	45	1	1	-	-	-	2	-	2	1	4	36	-
Male	24	1	-	-	-	-	1	-	-	1	1	22	-
Female	21	-	1	-	-	-	1	-	2	1	3	14	-
Black	42	1	-	-	-	-	1	-	1	1	4	35	-
Male	23	1	-	-	-	-	1	-	-	1	1	21	-
Female	19	-	-	-	-	-	-	-	1	1	3	14	-

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Table 5-4. Deaths From Accidental Poisoning, by Age, Race, and Sex: United States, 1989—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)	10	-	-	1	-	-	1	-	2	-	1	6	-
Male	3	-	-	1	-	-	1	-	-	-	-	2	-
Female	7	-	-	-	-	-	-	-	2	-	1	4	-
White	7	-	-	-	-	-	-	-	1	-	1	5	-
Male	2	-	-	-	-	-	-	-	-	-	-	2	-
Female	5	-	-	-	-	-	-	-	1	-	1	3	-
All other	3	-	-	1	-	-	1	-	1	-	-	1	-
Male	1	-	-	1	-	-	-	-	-	-	-	-	-
Female	2	-	-	-	-	-	-	-	1	-	-	-	-
Black	3	-	-	1	-	-	1	-	1	-	-	1	-
Male	1	-	-	1	-	-	1	-	-	-	-	-	-
Female	2	-	-	-	-	-	-	-	1	-	-	1	-
All other and unspecified drugs (E858.0-E858.2,E858.5-E858.9)	1,865	6	5	-	-	2	13	4	146	1,254	246	199	3
Male	1,337	5	3	-	-	1	9	2	109	972	141	103	1
Female	528	1	2	-	-	1	4	2	37	282	105	96	2
White	1,468	2	2	-	-	2	6	4	118	979	181	177	3
Male	1,040	2	1	-	-	1	4	2	85	766	93	89	1
Female	428	-	1	-	-	1	2	2	33	213	88	88	2
All other	397	4	3	-	-	-	7	2	28	275	65	22	-
Male	297	3	2	-	-	-	5	-	24	206	48	14	-
Female	100	1	1	-	-	-	2	-	4	69	17	8	-
Black	377	3	3	-	-	-	6	-	26	267	59	19	-
Male	281	2	2	-	-	-	4	-	22	199	44	12	-
Female	96	1	1	-	-	-	2	-	4	68	15	7	-
Accidental poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	1,489	3	13	6	10	2	34	31	198	572	387	263	4
Male	1,133	-	8	3	7	2	20	21	155	466	298	171	2
Female	356	3	5	3	3	-	14	10	43	106	89	92	2
White	1,181	1	8	3	6	1	19	23	179	448	290	219	3
Male	910	-	5	3	5	1	14	17	141	371	219	146	2
Female	271	1	3	1	1	-	5	6	38	77	71	73	1
All other	308	2	5	3	4	1	15	8	19	124	97	44	1
Male	223	-	3	2	2	1	6	4	14	95	79	25	1
Female	85	2	2	3	2	-	9	4	5	29	18	19	1
Black	273	2	4	3	4	1	14	6	12	110	89	41	1
Male	199	-	2	2	2	1	5	3	8	87	72	24	-
Female	74	2	2	3	2	-	9	3	4	23	17	17	1
By alcohol, not elsewhere classified (E860)	400	-	-	-	-	-	-	-	20	165	171	42	2
Male	305	-	-	-	-	-	-	-	18	136	123	28	-
Female	95	-	-	-	-	-	-	-	2	29	48	14	2
White	288	-	-	-	-	-	-	-	16	123	117	31	1
Male	220	-	-	-	-	-	-	-	14	103	83	20	-
Female	68	-	-	-	-	-	-	-	2	20	34	11	1
All other	112	-	-	-	-	-	-	-	4	42	54	11	1
Male	85	-	-	-	-	-	-	-	4	33	40	8	-
Female	27	-	-	-	-	-	-	-	-	9	14	3	1
Black	104	-	-	-	-	-	-	-	2	41	49	11	1
Male	77	-	-	-	-	-	-	-	2	32	35	8	-
Female	27	-	-	-	-	-	-	-	-	9	14	3	1
By cleansing and polishing agents, disinfectants, paints, and varnishes (E861)	9	-	2	-	-	-	2	-	1	1	1	4	-
Male	7	-	2	-	-	-	2	-	1	1	1	2	-
Female	2	-	-	-	-	-	-	-	-	-	-	2	-
White	7	-	1	-	-	-	1	-	1	1	1	3	-
Male	6	-	1	-	-	-	1	-	1	1	1	2	-
Female	1	-	-	-	-	-	-	-	-	-	-	1	-
All other	2	-	1	-	-	-	1	-	-	-	-	1	-
Male	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)	65	-	2	-	1	-	3	3	20	31	6	2	-
Male	53	-	1	-	1	-	1	1	18	26	6	1	-
Female	12	-	2	-	-	-	2	2	2	5	-	1	-
White	46	-	1	-	-	-	1	2	18	22	3	-	-
Male	37	-	-	-	-	-	-	1	16	18	3	-	-
Female	9	-	1	-	-	-	1	2	2	4	-	-	-
All other	19	-	1	-	1	-	2	1	2	9	3	2	-
Male	16	-	-	-	1	-	1	1	2	8	3	1	-
Female	3	-	1	-	-	-	1	-	-	1	-	1	-
Black	16	-	1	-	1	-	2	1	-	8	3	2	-
Male	14	-	1	-	1	-	1	1	-	8	3	1	-
Female	2	-	1	-	-	-	1	-	-	-	-	1	-
By agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers (E863)	19	1	-	-	-	-	1	-	1	8	4	4	1
Male	15	-	-	-	-	-	-	-	1	7	4	2	1
Female	4	1	-	-	-	-	1	-	-	1	-	2	-
White	15	-	-	-	-	-	-	-	1	5	4	4	1
Male	12	-	-	-	-	-	-	-	1	4	4	2	1
Female	3	-	-	-	-	-	-	-	-	1	-	2	-
All other	4	1	-	-	-	-	1	-	-	3	-	-	-
Male	3	-	-	-	-	-	-	-	-	3	-	-	-
Female	1	1	-	-	-	-	1	-	-	-	-	-	-
Black	4	1	-	-	-	-	1	-	-	3	-	-	-
Male	3	-	-	-	-	-	-	-	-	3	-	-	-
Female	1	1	-	-	-	-	1	-	-	-	-	-	-

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Table 5-4. Deaths From Accidental Poisoning, by Age, Race, and Sex: United States, 1989—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)	9	-	-	1	-	-	1	1	1	2	3	1	-
Male	8	-	-	1	-	-	1	1	1	2	2	1	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
White	7	-	-	1	-	-	1	-	1	1	3	1	-
Male	6	-	-	1	-	-	1	-	1	1	2	1	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-
All other	2	-	-	-	-	-	-	1	-	1	-	-	-
Male	2	-	-	-	-	-	-	1	-	1	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	-	-
Black	1	-	-	-	-	-	-	1	-	-	-	-	-
Male	1	-	-	-	-	-	-	1	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
From foodstuffs and poisonous plants (E865)	8	-	-	-	1	-	1	-	1	4	2	-	-
Male	6	-	-	-	1	-	1	-	1	3	1	-	-
Female	2	-	-	-	-	-	-	-	-	1	1	-	-
White	6	-	-	-	1	-	1	-	1	2	2	-	-
Male	5	-	-	-	1	-	1	-	1	2	1	-	-
Female	1	-	-	-	-	-	-	-	-	1	1	-	-
All other	2	-	-	-	-	-	-	-	-	2	1	-	-
Male	2	-	-	-	-	-	-	-	-	1	1	-	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-
Black	1	-	-	-	-	-	-	-	-	1	-	-	-
Male	1	-	-	-	-	-	-	-	-	1	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
By other and unspecified solid and liquid substances (E866)	58	-	4	-	-	-	4	2	4	17	16	15	-
Male	41	-	2	-	-	-	2	2	11	11	11	12	-
Female	17	-	2	-	-	-	2	2	3	6	5	3	-
White	47	-	2	-	-	-	2	1	13	16	12	13	-
Male	34	-	1	-	-	-	1	1	10	10	8	11	-
Female	13	-	1	-	-	-	1	1	3	6	4	2	-
All other	11	-	2	-	-	-	2	1	1	1	4	2	-
Male	7	-	1	-	-	-	1	1	1	1	3	1	-
Female	4	-	1	-	-	-	1	-	1	1	1	1	-
Black	8	-	2	-	-	-	2	-	1	1	3	2	-
Male	6	-	1	-	-	-	1	-	1	3	3	1	-
Female	2	-	1	-	-	-	1	-	-	-	-	1	-
By gas distributed by pipeline (E867)	48	-	-	1	1	-	2	1	6	11	9	19	-
Male	24	-	-	1	1	-	1	1	5	7	4	6	-
Female	24	-	-	-	-	-	1	-	1	4	5	13	-
White	39	-	-	-	1	-	1	1	9	4	8	14	-
Male	22	-	-	1	1	-	2	1	5	6	4	5	-
Female	17	-	-	-	-	-	1	-	4	3	4	9	-
All other	9	-	-	-	-	-	-	-	1	2	1	5	-
Male	7	-	-	-	-	-	-	-	1	1	1	4	-
Female	2	-	-	-	-	-	-	-	1	1	1	1	-
Black	9	-	-	-	-	-	-	-	1	2	1	5	-
Male	9	-	-	-	-	-	-	-	1	1	1	4	-
Female	2	-	-	-	-	-	-	-	1	1	1	1	-
By other utility gas and other carbon monoxide (E868)	708	1	4	1	3	2	11	11	115	272	150	149	-
Male	540	-	3	-	3	2	8	5	84	218	123	102	-
Female	168	1	1	1	1	1	3	6	31	54	27	47	-
White	596	1	3	-	2	1	7	8	105	223	125	128	-
Male	461	-	2	-	2	1	5	5	77	184	100	90	-
Female	135	1	1	-	1	1	2	3	28	39	25	38	-
All other	112	-	1	1	1	1	4	3	10	49	25	21	-
Male	79	-	1	1	1	1	3	3	7	34	23	12	-
Female	33	-	-	-	-	-	1	1	3	15	2	9	-
Black	99	-	-	1	1	1	3	3	9	42	24	18	-
Male	71	-	-	1	1	1	2	2	6	30	22	11	-
Female	28	-	-	1	-	-	1	1	3	12	2	7	-
By other gases and vapors (E869)	165	1	1	3	4	-	9	13	29	61	25	27	1
Male	134	-	1	1	2	-	4	11	23	55	23	17	1
Female	31	1	-	2	2	-	5	2	6	6	10	10	-
White	130	-	1	1	2	-	4	11	28	46	15	25	1
Male	107	-	1	1	2	-	4	10	22	42	13	15	1
Female	23	-	-	-	-	-	1	1	6	4	2	10	-
All other	35	1	-	2	2	-	5	2	1	13	10	2	-
Male	27	-	-	-	-	-	5	1	1	10	10	2	-
Female	8	1	-	2	2	-	1	1	1	3	2	1	-
Black	29	1	-	2	2	-	5	1	-	12	9	9	2
Male	23	-	-	2	2	-	5	1	-	11	9	2	-
Female	6	1	-	2	2	-	5	-	-	1	1	1	-

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Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1989

(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)	5,035	2,316	7	1	5	16	117	233	80	277	1,983
Male	3,634	1,706	6	-	5	13	100	195	48	233	1,328
Female	1,401	610	1	1	-	3	17	38	32	44	655
White	3,862	1,753	7	-	3	14	69	191	58	216	1,551
Male	2,789	1,299	6	-	3	11	58	161	33	183	1,035
Female	1,073	454	1	-	-	3	11	30	25	33	516
All other	1,173	563	-	1	2	2	48	42	22	61	432
Male	845	407	-	-	2	2	42	34	15	50	293
Female	328	156	-	1	-	-	6	8	7	11	139
Black	1,117	536	-	1	2	2	48	40	22	57	409
Male	809	390	-	-	2	2	42	32	15	46	280
Female	308	146	-	1	-	-	6	8	7	11	129
By analgesics, antipyretics, antirheumatics (E850)	1,329	708	4	1	-	7	22	65	16	100	406
Male	1,049	562	3	-	-	7	20	57	10	86	304
Female	280	146	1	1	-	2	2	8	6	14	102
White	1,061	550	4	-	-	5	15	60	13	83	331
Male	857	447	3	-	-	5	13	52	8	72	257
Female	204	103	1	-	-	2	2	8	5	11	74
All other	268	158	-	1	-	2	7	5	3	17	75
Male	192	115	-	-	-	2	7	5	2	14	47
Female	76	43	-	1	-	-	-	-	1	3	28
Black	253	147	-	1	-	2	7	5	3	17	71
Male	183	107	-	-	-	2	7	5	2	14	46
Female	70	40	-	1	-	-	-	-	1	3	25
Opiates and related narcotics (E850.0)	957	524	3	-	-	5	19	56	13	76	261
Male	807	436	2	-	-	5	18	51	9	67	219
Female	150	88	1	-	-	-	1	5	4	9	42
White	742	390	3	-	-	3	13	51	10	60	212
Male	647	338	2	-	-	3	12	46	7	54	185
Female	95	52	1	-	-	-	1	5	3	6	27
All other	215	134	-	-	-	2	6	5	3	16	49
Male	160	98	-	-	-	2	6	5	2	13	34
Female	55	36	-	-	-	-	-	-	1	3	15
Black	205	126	-	-	-	2	6	5	3	16	47
Male	153	92	-	-	-	2	6	5	2	13	33
Female	52	34	-	-	-	-	-	-	1	3	14
Salicylates (E850.1)	67	29	-	-	-	-	-	-	1	2	35
Male	27	10	-	-	-	-	-	-	1	2	14
Female	40	19	-	-	-	-	-	-	-	-	21
White	60	25	-	-	-	-	-	-	1	2	32
Male	24	8	-	-	-	-	-	-	1	2	13
Female	36	17	-	-	-	-	-	-	-	-	19
All other	7	4	-	-	-	-	-	-	-	-	3
Male	3	2	-	-	-	-	-	-	-	-	1
Female	4	2	-	-	-	-	-	-	-	-	2
Black	7	4	-	-	-	-	-	-	-	-	3
Male	3	2	-	-	-	-	-	-	-	-	1
Female	4	2	-	-	-	-	-	-	-	-	2
All other analgesics, antipyretics, antirheumatics (E850.2-E850.9)	305	155	1	1	-	2	3	9	2	22	110
Male	215	116	1	-	-	2	2	6	3	17	71
Female	90	39	1	1	-	-	1	3	2	5	39
White	259	135	1	-	-	2	2	9	2	21	87
Male	186	101	1	-	-	2	1	6	-	16	59
Female	73	34	-	-	-	-	1	3	2	5	28
All other	46	20	-	1	-	-	1	-	-	1	23
Male	29	15	-	-	-	-	1	-	-	1	12
Female	17	5	-	1	-	-	-	-	-	-	11
Black	41	17	-	1	-	-	1	-	-	1	21
Male	27	13	-	-	-	-	1	-	-	1	12
Female	14	4	-	1	-	-	-	-	-	-	9
By barbiturates (E851)	26	15	-	-	-	-	-	-	-	2	9
Male	18	11	-	-	-	-	-	-	-	2	5
Female	8	4	-	-	-	-	-	-	-	-	4
White	23	14	-	-	-	-	-	-	-	2	7
Male	16	10	-	-	-	-	-	-	-	2	4
Female	7	4	-	-	-	-	-	-	-	-	3
All other	3	1	-	-	-	-	-	-	-	-	2
Male	2	1	-	-	-	-	-	-	-	-	1
Female	1	-	-	-	-	-	-	-	-	-	1
Black	3	1	-	-	-	-	-	-	-	-	2
Male	2	1	-	-	-	-	-	-	-	-	1
Female	1	-	-	-	-	-	-	-	-	-	1
By other sedatives and hypnotics (E852)	25	8	-	-	-	-	1	2	1	3	10
Male	13	1	-	-	-	-	1	1	1	3	6
Female	12	7	-	-	-	-	-	1	-	-	4
White	21	6	-	-	-	-	-	1	1	3	10
Male	12	1	-	-	-	-	-	1	1	3	6
Female	9	5	-	-	-	-	-	-	-	-	4
All other	4	2	-	-	-	-	1	1	-	-	-
Male	1	-	-	-	-	-	1	-	-	-	-
Female	3	2	-	-	-	-	-	1	-	-	-
Black	4	2	-	-	-	-	1	1	-	-	-
Male	1	-	-	-	-	-	1	-	-	-	-
Female	3	2	-	-	-	-	-	1	-	-	-

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Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1989—Con.

(Page 5 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 falls (E880-E888)	12,151	5,282	42	7	312	89	390	361	1,467	570	3,631
Male	6,302	2,769	41	6	302	76	314	243	566	455	1,530
Female	5,849	2,513	1	1	10	13	76	118	901	115	2,101
White	10,961	4,769	37	7	276	83	296	320	1,379	473	3,321
Male	5,524	2,464	36	6	267	71	228	208	515	374	1,355
Female	5,437	2,305	1	1	9	12	68	112	864	99	1,966
All other	1,190	513	5	—	36	6	94	41	88	97	310
Male	778	305	5	—	35	5	86	35	51	81	175
Female	412	208	—	—	1	1	8	6	37	16	135
Black	1,009	435	5	—	29	6	77	36	73	76	272
Male	659	261	5	—	28	5	70	31	42	63	154
Female	350	174	—	—	1	1	7	5	31	13	118
Fall on or from stairs or steps (E880)	1,163	945	1	—	1	3	8	58	28	37	82
Male	665	528	1	—	—	2	6	35	18	25	50
Female	498	417	—	—	1	1	2	23	10	12	32
White	1,043	854	1	—	1	3	7	54	26	26	71
Male	577	462	1	—	—	2	5	32	16	17	42
Female	466	392	—	—	1	1	2	22	10	9	29
All other	120	91	—	—	—	—	1	4	2	11	11
Male	88	66	—	—	—	—	1	3	2	8	8
Female	32	25	—	—	—	—	—	1	—	3	3
Black	107	84	—	—	—	—	1	3	1	9	9
Male	79	62	—	—	—	—	1	2	1	6	7
Female	28	22	—	—	—	—	—	1	—	3	2
Fall on or from ladders or scaffolding (E881)	332	168	6	1	68	1	7	30	—	19	32
Male	315	155	6	1	68	1	7	29	—	19	29
Female	17	13	—	—	—	—	—	1	—	—	3
White	295	153	4	1	60	1	7	25	—	14	30
Male	279	141	4	1	60	1	7	24	—	14	27
Female	16	12	—	—	—	—	—	1	—	—	3
All other	37	15	2	—	8	—	—	5	—	5	2
Male	36	14	2	—	8	—	—	5	—	5	2
Female	1	1	—	—	—	—	—	—	—	—	—
Black	27	8	2	—	7	—	—	5	—	3	2
Male	27	8	2	—	7	—	—	5	—	3	2
Female	—	—	—	—	—	—	—	—	—	—	—
Fall from or out of building or other structure (E882) ..	557	221	6	1	98	3	35	61	18	72	42
Male	482	175	6	1	98	3	29	56	17	64	33
Female	75	46	—	—	—	—	6	5	1	8	9
White	478	181	6	1	89	3	32	55	14	60	37
Male	415	143	6	1	89	3	27	51	13	54	28
Female	63	38	—	—	—	—	5	4	1	6	9
All other	79	40	—	—	9	—	3	6	4	12	5
Male	67	32	—	—	9	—	2	5	4	10	5
Female	12	8	—	—	—	—	1	1	—	2	—
Black	71	36	—	—	9	—	2	6	4	10	4
Male	59	28	—	—	9	—	1	5	4	8	4
Female	12	8	—	—	—	—	1	1	—	2	—
Fall into hole or other opening in surface (E883)	77	11	4	2	13	7	2	7	2	26	3
Male	72	10	4	2	13	6	1	7	2	24	3
Female	5	1	—	—	—	1	—	—	—	2	—
White	65	8	3	2	13	6	—	7	2	21	3
Male	62	7	3	2	13	5	—	7	2	20	3
Female	3	1	—	—	—	1	—	—	—	1	—
All other	12	3	1	—	—	1	2	—	—	5	—
Male	10	3	1	—	—	1	1	—	—	4	—
Female	2	—	—	—	—	—	1	—	—	1	—
Black	10	3	1	—	—	1	1	—	—	4	—
Male	9	3	1	—	—	1	1	—	—	3	—
Female	1	—	—	—	—	—	—	—	—	1	—
Other fall from one level to another (E884)	933	291	13	3	61	35	39	21	215	189	66
Male	633	186	12	3	59	28	36	17	87	159	47
Female	300	105	1	—	2	7	3	4	128	30	19
White	811	255	11	3	52	32	22	17	193	167	59
Male	546	168	10	2	50	26	20	14	75	138	43
Female	265	87	1	1	2	6	2	3	118	29	16
All other	122	36	2	—	9	3	17	4	22	22	7
Male	87	18	2	—	9	2	16	3	12	21	4
Female	35	18	—	—	—	1	1	1	10	1	3
Black	98	30	2	—	6	3	14	4	18	15	6
Male	70	14	2	—	6	2	13	3	11	15	4
Female	28	16	—	—	—	1	1	1	7	—	2
Fall on same level from slipping, tripping, or stumbling (E885)	471	273	7	—	4	15	30	26	58	23	35
Male	248	146	7	—	3	12	20	10	16	11	23
Female	223	127	—	—	1	3	10	16	42	12	12
White	439	257	7	—	4	15	26	24	58	20	28
Male	225	136	7	—	3	12	17	8	16	9	17
Female	214	121	—	—	1	3	9	16	42	11	11
All other	32	16	—	—	—	—	4	2	—	3	7
Male	23	10	—	—	—	—	3	2	—	2	6
Female	9	6	—	—	—	—	1	—	—	1	1
Black	26	12	—	—	—	—	3	1	—	3	7
Male	17	6	—	—	—	—	2	1	—	2	6
Female	9	6	—	—	—	—	1	—	—	1	1

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Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1989—Con.

(Page 7 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	Farm	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)	222	177	-	-	2	1	2	-	13	16	11
Male	102	66	-	-	2	1	2	8	14	9	
Female	120	111	-	-	-	-	-	5	2	2	
White	157	123	-	-	1	1	1	10	12	9	
Male	68	43	-	-	1	1	1	5	10	7	
Female	89	80	-	-	-	-	-	5	2	2	
All other	65	54	-	-	1	-	1	3	4	2	
Male	34	23	-	-	1	1	1	3	4	2	
Female	31	31	-	-	-	-	-	-	-	-	
Black	63	53	-	-	1	-	1	2	4	2	
Male	33	23	-	-	1	-	1	2	4	2	
Female	30	30	-	-	-	-	-	-	-	-	
By ignition of highly inflammable material (E894)	60	41	1	-	4	-	1	4	5	4	
Male	46	30	1	-	4	-	1	3	4	3	
Female	14	11	-	-	-	-	-	1	1	1	
White	48	31	1	-	4	-	1	3	4	4	
Male	37	23	1	-	4	-	1	2	3	3	
Female	11	8	-	-	-	-	-	1	1	1	
All other	12	10	-	-	-	-	-	1	1	-	
Male	9	7	-	-	-	-	-	1	1	-	
Female	3	3	-	-	-	-	-	-	-	-	
Black	9	8	-	-	-	-	-	-	1	-	
Male	6	5	-	-	-	-	-	-	1	-	
Female	3	3	-	-	-	-	-	-	-	-	
By controlled fire in private dwelling (E895)	31	31	-	-	-	-	-	-	-	-	
Male	21	21	-	-	-	-	-	-	-	-	
Female	10	10	-	-	-	-	-	-	-	-	
White	21	21	-	-	-	-	-	-	-	-	
Male	13	13	-	-	-	-	-	-	-	-	
Female	8	8	-	-	-	-	-	-	-	-	
All other	10	10	-	-	-	-	-	-	-	-	
Male	8	8	-	-	-	-	-	-	-	-	
Female	2	2	-	-	-	-	-	-	-	-	
Black	10	10	-	-	-	-	-	-	-	-	
Male	8	8	-	-	-	-	-	-	-	-	
Female	2	2	-	-	-	-	-	-	-	-	
By controlled fire in other and unspecified building or structure (E896)	6	-	-	-	1	-	-	2	-	3	
Male	4	-	-	-	1	-	-	2	-	1	
Female	2	-	-	-	-	-	-	-	-	2	
White	2	-	-	-	1	-	-	-	-	1	
Male	1	-	-	-	1	-	-	-	-	-	
Female	1	-	-	-	-	-	-	-	-	1	
All other	4	-	-	-	-	-	-	2	-	2	
Male	3	-	-	-	-	-	-	2	-	1	
Female	1	-	-	-	-	-	-	-	-	1	
Black	4	-	-	-	-	-	-	2	-	2	
Male	3	-	-	-	-	-	-	2	-	1	
Female	1	-	-	-	-	-	-	-	-	1	
By controlled fire not in building or structure (E897)	17	11	-	-	-	-	-	-	4	2	
Male	13	9	-	-	-	-	-	-	2	2	
Female	4	2	-	-	-	-	-	-	2	-	
White	12	9	-	-	-	-	-	-	2	1	
Male	9	7	-	-	-	-	-	-	1	1	
Female	3	2	-	-	-	-	-	-	1	-	
All other	5	2	-	-	-	-	-	-	2	1	
Male	4	2	-	-	-	-	-	-	1	1	
Female	1	1	-	-	-	-	-	-	1	-	
Black	5	2	-	-	-	-	-	-	2	1	
Male	4	2	-	-	-	-	-	-	1	1	
Female	1	-	-	-	-	-	-	-	1	-	
By other specified fire or flames (E898)	118	80	-	-	6	-	-	2	18	2	10
Male	78	51	-	-	6	-	-	-	12	2	7
Female	40	29	-	-	-	-	-	2	6	-	3
White	88	56	-	-	5	-	-	1	15	2	9
Male	57	35	-	-	5	-	-	-	9	2	6
Female	31	21	-	-	-	-	-	1	6	-	3
All other	30	24	-	-	1	-	-	1	3	-	1
Male	21	16	-	-	1	-	-	-	3	-	1
Female	9	8	-	-	-	-	-	1	-	-	-
Black	27	21	-	-	1	-	-	1	3	-	1
Male	21	16	-	-	1	-	-	-	3	-	1
Female	6	5	-	-	-	-	-	1	-	-	-
By unspecified fire (E899)	178	36	1	-	8	-	4	-	3	16	110
Male	111	20	1	-	6	-	4	-	1	14	65
Female	67	16	-	-	2	-	-	-	2	2	45
White	138	29	1	-	7	-	2	-	3	10	86
Male	91	17	1	-	6	-	2	-	1	10	54
Female	47	12	-	-	1	-	-	-	2	-	32
All other	40	7	-	-	1	-	2	-	2	6	24
Male	20	3	-	-	-	-	2	-	-	4	11
Female	20	4	-	-	1	-	-	-	-	2	13
Black	37	7	-	-	-	-	1	-	-	2	23
Male	17	3	-	-	-	-	1	-	-	3	10
Female	20	4	-	-	1	-	-	-	2	-	13

SECTION 5 - ACCIDENT MORTALITY - PAGE 33

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1989—Con.

(Page 8 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)
Accidents due to natural and environmental factors (E900-E909).....	1,816	513	68	-	20	39	175	46	9	346	600
Male	1,271	315	56	-	17	34	134	34	4	286	391
Female	545	198	12	-	3	5	41	12	5	60	209
White	1,213	328	62	-	17	31	109	31	5	233	397
Male	824	188	51	-	14	26	83	21	1	191	249
Female	389	140	11	-	3	5	26	10	4	42	148
All other	603	185	6	-	3	8	66	15	4	113	203
Male	447	127	5	-	3	8	51	13	3	95	142
Female	156	58	1	-	-	-	15	2	1	18	61
Black	497	167	4	-	1	6	51	14	4	67	183
Male	361	112	3	-	1	6	39	12	3	60	125
Female	136	55	1	-	-	-	12	2	1	7	58
Excessive heat (E900)	201	57	12	-	1	3	18	5	2	31	72
Male	135	27	10	-	1	3	16	5	2	20	51
Female	66	30	2	-	-	-	2	-	-	11	21
White	142	39	9	-	1	1	15	4	-	27	46
Male	95	17	8	-	1	1	13	4	-	18	33
Female	47	22	1	-	-	-	2	-	-	9	13
All other	59	18	3	-	-	2	3	1	2	4	26
Male	40	10	2	-	-	2	3	1	2	2	18
Female	19	8	1	-	-	-	8	-	-	2	8
Black	54	18	3	-	-	1	3	1	2	3	23
Male	37	10	2	-	-	1	3	1	2	2	16
Female	17	8	1	-	-	-	-	-	-	1	7
Excessive cold (E901)	1,015	330	13	-	11	14	81	20	6	195	345
Male	727	207	11	-	8	12	68	18	2	169	232
Female	288	123	2	-	3	2	13	2	4	26	113
White	578	180	11	-	8	9	38	7	5	116	204
Male	397	102	9	-	5	7	33	7	1	100	133
Female	181	78	2	-	3	2	5	-	4	16	71
All other	437	150	2	-	3	5	43	13	1	79	141
Male	330	105	2	-	3	5	35	11	1	69	99
Female	107	45	-	-	-	-	8	2	-	10	42
Black	376	137	1	-	1	5	36	12	1	51	132
Male	280	94	1	-	1	5	29	10	1	48	91
Female	96	43	-	-	-	-	7	2	-	3	41
High and low air pressure and changes in air pressure (E902)	10	-	-	-	-	-	-	-	-	6	4
Male	8	-	-	-	-	-	-	-	-	5	3
Female	2	-	-	-	-	-	-	-	-	1	1
White	7	-	-	-	-	-	-	-	-	5	2
Male	6	-	-	-	-	-	-	-	-	4	2
Female	1	-	-	-	-	-	-	-	-	1	-
All other	3	-	-	-	-	-	-	-	-	1	2
Male	2	-	-	-	-	-	-	-	-	1	1
Female	1	-	-	-	-	-	-	-	-	-	1
Black	1	-	-	-	-	-	-	-	-	-	1
Male	1	-	-	-	-	-	-	-	-	-	1
Female	1	-	-	-	-	-	-	-	-	-	-
Travel and motion (E903)	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
White	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Hunger, thirst, exposure, neglect (E904)	177	14	1	-	-	-	6	-	-	36	120
Male	109	7	-	-	-	-	6	-	-	31	65
Female	68	7	1	-	-	-	-	-	-	5	55
White	130	10	1	-	-	-	1	-	-	21	97
Male	77	6	-	-	-	-	1	-	-	19	51
Female	53	4	1	-	-	-	-	-	-	2	46
All other	47	4	-	-	-	-	5	-	-	15	23
Male	32	1	-	-	-	-	5	-	-	12	14
Female	15	3	-	-	-	-	-	-	-	3	9
Black	27	2	-	-	-	-	3	-	-	4	18
Male	16	-	-	-	-	-	3	-	-	3	10
Female	11	2	-	-	-	-	-	-	-	1	8
Venomous animals and plants as the cause of poisoning and toxic reactions (E905)	76	28	4	-	1	3	2	2	1	6	29
Male	57	23	3	-	1	3	2	1	-	5	19
Female	19	5	1	-	-	-	-	1	1	1	10
White	65	26	4	-	1	3	2	2	-	5	22
Male	48	21	3	-	1	3	2	1	-	4	13
Female	17	5	1	-	-	-	-	1	-	1	9
All other	11	2	-	-	-	-	-	-	1	1	7
Male	9	2	-	-	-	-	-	-	1	1	6
Female	2	-	-	-	-	-	-	-	-	-	1
Black	10	2	-	-	-	-	-	-	1	1	6
Male	8	2	-	-	-	-	-	-	-	1	5
Female	2	-	-	-	-	-	-	-	1	-	1

SECTION 5 - ACCIDENT MORTALITY - PAGE 34

Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1989—Con.
 (Page 9 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)
Other injury caused by animals (E906)	96	34	31	-	-	2	3	2	-	12	12
Male	66	23	25	-	-	1	2	1	-	9	5
Female	30	11	6	-	-	1	1	1	-	3	7
White	87	31	30	-	-	2	3	2	-	8	11
Male	58	20	24	-	-	1	2	1	-	6	4
Female	29	11	6	-	-	1	1	1	-	2	7
All other	9	3	1	-	-	-	-	-	-	4	1
Male	8	3	1	-	-	-	-	-	-	3	1
Female	1	-	-	-	-	-	-	-	-	1	-
Black	4	1	-	-	-	-	-	-	-	2	1
Male	3	1	-	-	-	-	-	-	-	1	1
Female	1	-	-	-	-	-	-	-	-	1	-
Lightning (E907)	75	14	7	-	4	17	3	4	-	16	10
Male	65	10	7	-	4	15	3	4	-	12	10
Female	10	4	-	-	-	2	-	-	-	4	-
White	70	13	7	-	4	16	3	3	-	14	10
Male	60	9	7	-	4	14	3	3	-	10	10
Female	10	4	-	-	-	2	-	-	-	4	-
All other	5	1	-	-	-	1	-	1	-	2	-
Male	5	1	-	-	-	1	-	1	-	2	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	3	-	-	-	-	-	-	1	-	2	-
Male	3	-	-	-	-	-	-	1	-	2	-
Female	-	-	-	-	-	-	-	-	-	-	-
Cataclysmic storms, and floods resulting from storms (E908)	94	31	-	-	2	-	17	10	-	26	8
Male	56	15	-	-	2	-	10	4	-	19	6
Female	38	16	-	-	-	-	7	6	-	7	2
White	79	24	-	-	2	-	16	10	-	22	5
Male	44	10	-	-	2	-	9	4	-	16	3
Female	35	14	-	-	-	-	7	6	-	6	2
All other	15	7	-	-	-	-	1	-	-	4	3
Male	12	5	-	-	-	-	1	-	-	3	3
Female	3	2	-	-	-	-	-	-	-	1	-
Black	14	7	-	-	-	-	1	-	-	4	2
Male	11	5	-	-	-	-	1	-	-	3	2
Female	3	2	-	-	-	-	-	-	-	1	-
Cataclysmic earth surface movements and eruptions (E909)	72	5	-	-	1	-	45	3	-	18	-
Male	48	3	-	-	1	-	27	1	-	16	-
Female	24	2	-	-	-	-	18	2	-	2	-
White	55	5	-	-	1	-	31	3	-	15	-
Male	39	3	-	-	1	-	20	1	-	14	-
Female	16	2	-	-	-	-	11	2	-	1	-
All other	17	-	-	-	-	-	14	-	-	3	-
Male	9	-	-	-	-	-	7	-	-	2	-
Female	8	-	-	-	-	-	7	-	-	1	-
Black	8	-	-	-	-	-	8	-	-	-	-
Male	3	-	-	-	-	-	3	-	-	-	-
Female	5	-	-	-	-	-	5	-	-	-	-
Accidents caused by submersion, suffocation and foreign bodies (E910-E915)	8,534	1,988	123	34	74	548	37	147	339	2,009	3,235
Male	5,778	1,266	105	28	73	468	27	107	173	1,785	1,746
Female	2,756	722	18	6	1	80	10	40	166	224	1,489
White	6,692	1,552	96	28	57	399	31	120	291	1,512	2,606
Male	4,451	983	85	23	56	335	23	84	145	1,349	1,368
Female	2,241	569	11	5	1	64	8	36	146	163	1,238
All other	1,842	436	27	6	17	149	6	27	48	497	629
Male	1,327	283	20	5	17	133	4	23	28	436	378
Female	515	153	7	1	-	16	2	4	20	61	251
Black	1,589	373	27	5	15	127	6	24	37	399	576
Male	1,122	242	20	4	15	113	4	20	18	346	340
Female	467	131	7	1	-	14	2	4	19	53	236
Accidental drowning and submersion (E910)	4,015	925	101	29	15	536	19	66	20	1,934	370
Male	3,249	565	86	25	15	459	15	51	11	1,721	301
Female	766	360	15	4	-	77	4	15	9	213	69
White	3,046	747	75	23	12	387	15	47	16	1,452	272
Male	2,434	442	66	20	12	326	12	33	8	1,296	219
Female	612	305	9	3	-	61	3	14	8	156	53
All other	969	178	26	6	3	149	4	19	4	482	98
Male	815	123	20	5	3	133	3	18	3	425	82
Female	154	55	6	1	-	16	1	1	1	57	16
Black	797	143	26	5	2	127	4	17	2	389	82
Male	664	99	20	4	2	113	3	16	1	339	67
Female	133	44	6	1	-	14	1	1	1	50	15
In recreation activities (E910.0-E910.2)	822	28	22	12	-	182	-	13	1	535	29
Male	760	22	21	12	-	169	-	9	1	499	27
Female	62	6	1	-	-	13	-	4	-	36	2
White	617	21	13	8	-	131	-	8	-	413	23
Male	573	19	13	8	-	119	-	5	-	387	22
Female	44	2	-	-	-	12	-	3	-	26	1
All other	205	7	9	4	-	51	-	5	1	122	6
Male	187	3	8	4	-	50	-	4	1	112	5
Female	18	4	1	-	-	1	-	1	-	10	1
Black	160	6	9	3	-	41	-	5	-	91	5
Male	142	2	8	3	-	40	-	4	-	81	4
Female	18	4	1	-	-	1	-	1	-	10	1

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Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1989—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)	28	6	-	-	-	-	-	1	1	-	20
Male	14	3	-	-	-	-	-	1	1	-	9
Female	14	3	-	-	-	-	-	-	-	-	11
White	24	5	-	-	-	-	-	1	1	-	17
Male	12	2	-	-	-	-	-	1	1	-	8
Female	12	3	-	-	-	-	-	-	-	-	9
All other	4	1	-	-	-	-	-	-	-	-	3
Male	2	1	-	-	-	-	-	-	-	-	1
Female	2	-	-	-	-	-	-	-	-	-	2
Black	4	1	-	-	-	-	-	-	-	-	3
Male	2	1	-	-	-	-	-	-	-	-	1
Female	2	-	-	-	-	-	-	-	-	-	2
Other accidents (E916-E928)	7,054	1,729	505	62	919	77	190	153	60	704	2,655
Male	5,861	1,413	475	62	901	69	171	139	27	668	1,936
Female	1,193	316	30	-	18	8	19	14	33	36	719
White	5,924	1,453	477	58	795	69	148	129	50	599	2,146
Male	4,937	1,190	447	58	781	62	132	116	22	572	1,557
Female	987	263	30	-	14	7	16	13	28	27	589
All other	1,130	276	28	4	124	8	42	24	10	105	509
Male	924	223	28	4	120	7	39	23	5	96	379
Female	206	53	-	-	4	1	3	1	5	9	130
Black	977	240	24	2	112	7	39	23	9	87	434
Male	802	196	24	2	108	6	36	22	5	81	322
Female	175	44	-	-	4	1	3	1	4	6	112
Struck accidentally by falling object (E916)	766	234	53	23	160	10	25	21	1	181	58
Male	725	217	50	23	157	6	24	20	1	174	53
Female	41	17	3	-	3	4	1	1	-	7	5
White	675	207	49	23	136	8	20	19	-	160	53
Male	637	190	46	23	134	5	19	18	-	153	49
Female	38	17	3	-	2	3	1	1	-	7	4
All other	91	27	4	-	24	2	5	2	1	21	5
Male	88	27	4	-	23	1	5	2	1	21	4
Female	3	-	-	-	1	1	-	-	-	-	1
Black	84	25	4	-	22	2	5	2	1	19	4
Male	82	25	4	-	21	1	5	2	1	19	4
Female	2	-	-	-	1	1	-	-	-	-	-
Striking against or struck accidentally by objects or persons (E917)	229	59	4	2	48	33	9	12	8	32	22
Male	190	37	3	2	47	29	8	11	4	30	19
Female	39	22	1	-	1	4	1	1	4	2	3
White	204	54	4	2	41	31	8	10	8	30	16
Male	167	33	3	2	40	27	8	9	4	28	13
Female	37	21	1	-	1	4	1	1	4	2	3
All other	25	5	-	-	7	2	1	2	-	2	6
Male	23	4	-	-	7	2	1	2	-	2	6
Female	2	1	-	-	-	-	1	-	-	-	-
Black	21	4	-	-	6	1	1	2	-	2	5
Male	20	4	-	-	6	1	1	2	-	2	5
Female	1	-	-	-	-	-	1	-	-	-	-
Caught accidentally in or between objects (E918)	91	25	5	4	33	-	6	8	1	6	3
Male	85	21	5	4	33	-	6	7	1	6	2
Female	6	4	-	-	-	-	-	1	-	-	1
White	81	22	5	4	29	-	5	6	1	6	3
Male	75	18	5	4	29	-	5	5	1	6	2
Female	6	4	-	-	-	-	-	1	-	-	1
All other	10	3	-	-	4	-	1	2	-	-	-
Male	10	3	-	-	4	-	1	2	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	9	2	-	-	4	-	1	2	-	-	-
Male	9	2	-	-	4	-	1	2	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Accident caused by machinery (E919)	1,179	138	354	12	354	9	36	14	7	138	117
Male	1,106	115	332	12	343	9	35	12	4	133	111
Female	73	23	22	-	11	-	1	2	3	5	6
White	1,071	130	339	12	304	6	32	13	5	122	108
Male	1,003	108	317	12	296	6	31	11	2	118	102
Female	68	22	22	-	8	-	1	2	3	4	6
All other	108	8	15	-	50	3	4	1	2	16	9
Male	103	7	15	-	47	3	4	1	2	15	9
Female	5	1	-	-	3	-	-	-	-	1	-
Black	96	7	13	-	46	3	4	1	2	11	9
Male	91	6	13	-	43	3	4	1	2	10	9
Female	5	1	-	-	3	-	-	-	-	1	-
Accident caused by cutting or piercing instruments or objects (E920)	119	62	1	-	9	-	3	3	1	15	25
Male	101	53	1	-	9	-	2	3	-	12	21
Female	18	9	-	-	-	-	1	-	1	3	4
White	80	43	1	-	6	-	2	1	-	10	17
Male	69	37	1	-	6	-	1	1	-	8	15
Female	11	6	-	-	-	-	-	-	-	2	2
All other	39	19	-	-	3	-	1	2	1	5	8
Male	32	16	-	-	3	-	1	2	-	4	6
Female	7	3	-	-	-	-	-	-	1	1	2
Black	35	18	-	-	3	-	1	2	1	4	6
Male	29	15	-	-	3	-	1	2	-	4	4
Female	6	3	-	-	-	-	-	-	1	-	2

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Table 5-5. Deaths From Nontransport Accidents, by Place of Accident, Cause of Death, Race, and Sex: United States, 1989—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)
Overexertion and strenuous movements (E927)	31	6	-	-	1	-	-	1	-	-	23
Male	26	3	-	-	1	-	-	1	-	-	21
Female	5	3	-	-	-	-	-	-	-	-	2
White	29	6	-	-	-	-	-	1	-	-	22
Male	25	3	-	-	-	-	-	1	-	-	21
Female	4	3	-	-	-	-	-	-	-	-	1
All other	2	-	-	-	1	-	-	-	-	-	1
Male	1	-	-	-	1	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1
Black	2	-	-	-	1	-	-	-	-	-	1
Male	1	-	-	-	1	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1
Other and unspecified environmental and accidental causes (E928)	2,028	105	12	2	32	9	33	10	28	52	1,745
Male	1,324	65	11	2	31	9	29	8	9	47	1,113
Female	704	40	1	-	1	-	4	2	19	5	632
White	1,644	85	10	2	25	9	27	9	25	37	1,415
Male	1,063	52	9	2	24	9	23	7	8	34	895
Female	581	33	1	-	1	-	4	2	17	3	520
All other	384	20	2	-	7	-	6	1	3	15	330
Male	261	13	2	-	7	-	6	1	1	13	218
Female	123	7	-	-	-	-	-	-	2	2	112
Black	335	19	1	-	7	-	6	1	3	12	286
Male	223	12	1	-	7	-	6	1	1	11	184
Female	112	7	-	-	-	-	-	-	2	1	102

¹ Including home premises and any noninstitutional place of residence.

² Including buildings and land under cultivation, but excluding farm home and home premises.

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Table 5-6. Deaths From Nontransport Accidents, by Place of Accident, 5-Year Age Groups, Race, and Sex: United States, 1989

(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)	40,795	727	584	459	362	294	2,426	857	774	1,441	1,826	2,513	2,913	2,676
Male	26,796	397	348	300	243	190	1,478	575	589	1,232	1,565	2,080	2,370	2,228
Female	13,999	330	236	159	119	104	948	282	185	209	261	433	543	448
White	32,992	428	413	342	254	197	1,634	583	531	1,138	1,424	1,982	2,264	2,008
Male	21,338	235	244	220	172	135	1,006	402	410	974	1,231	1,668	1,856	1,710
Female	11,654	193	169	122	82	62	628	181	121	164	193	314	408	298
All other	7,803	299	171	117	108	97	792	274	243	303	402	531	649	668
Male	5,458	162	104	80	71	55	472	173	179	258	334	412	514	518
Female	2,345	137	67	37	37	42	320	101	64	45	68	119	135	150
Black	6,929	271	151	102	89	88	701	244	211	251	319	457	589	613
Male	4,810	145	90	69	58	51	413	154	155	213	266	348	461	473
Female	2,119	126	61	33	31	37	288	90	56	38	53	109	128	140
Home ¹ (0)	16,778	525	447	361	270	202	1,805	486	374	435	572	903	1,109	1,116
Male	10,448	283	266	234	178	126	1,087	304	258	337	433	673	827	875
Female	6,330	242	181	127	92	76	718	182	116	98	139	230	282	241
White	13,222	304	306	260	187	122	1,179	323	270	347	440	718	868	812
Male	8,173	167	182	164	125	80	718	203	195	272	335	544	659	660
Female	5,049	137	124	96	62	42	461	120	75	75	105	174	209	152
All other	3,556	221	141	101	83	80	626	163	104	88	132	185	241	304
Male	2,275	116	84	70	53	46	369	101	63	65	98	129	168	215
Female	1,281	105	57	31	30	34	257	62	41	23	34	56	73	89
Black	3,239	201	126	87	69	74	557	148	93	77	109	166	231	287
Male	2,075	105	75	60	44	43	327	89	56	57	81	116	160	204
Female	1,164	96	51	27	25	31	230	59	37	20	28	50	71	83
Farm ² (1)	770	1	6	3	8	12	30	35	26	40	27	45	54	45
Male	708	1	3	3	6	9	22	30	22	38	26	42	52	40
Female	62	-	3	-	2	3	8	5	4	2	1	3	2	5
White	704	1	6	3	8	12	30	31	22	34	25	39	47	44
Male	650	1	3	3	6	9	22	27	18	32	24	37	46	39
Female	54	-	3	-	2	3	8	4	4	2	1	2	1	5
All other	66	-	-	-	-	-	-	4	4	6	2	6	7	1
Male	58	-	-	-	-	-	-	3	4	6	2	5	6	1
Female	8	-	-	-	-	-	-	1	-	-	-	1	1	-
Black	60	-	-	-	-	-	-	4	4	5	2	6	6	1
Male	52	-	-	-	-	-	-	3	4	5	2	5	5	1
Female	8	-	-	-	-	-	-	1	-	-	-	1	1	-
Mine and quarry ² (2)	105	-	-	-	-	1	1	3	3	14	9	10	15	16
Male	97	-	-	-	-	-	1	1	3	11	8	9	15	16
Female	8	-	-	-	-	1	1	2	2	3	1	1	-	-
White	94	-	-	-	-	1	1	2	2	13	7	7	15	15
Male	88	-	-	-	-	-	1	2	2	10	6	7	15	15
Female	6	-	-	-	-	1	1	1	1	3	1	-	-	-
All other	11	-	-	-	-	-	-	1	1	1	2	3	-	1
Male	9	-	-	-	-	-	-	1	1	1	2	2	-	1
Female	2	-	-	-	-	-	-	-	-	-	-	1	-	-
Black	8	-	-	-	-	-	-	1	1	1	2	2	-	1
Male	6	-	-	-	-	-	-	1	1	1	2	1	-	1
Female	2	-	-	-	-	-	-	-	-	-	-	1	-	-
Industrial place and premises ³ (3)	1,468	-	1	2	1	1	5	4	6	56	138	227	223	189
Male	1,426	-	1	2	1	1	5	4	6	55	134	225	217	184
Female	42	-	-	-	-	-	-	-	-	1	4	2	6	5
White	1,254	-	-	2	1	1	4	4	6	52	122	193	196	160
Male	1,219	-	-	2	1	1	4	4	6	51	118	191	192	156
Female	35	-	-	-	-	-	-	-	-	1	4	2	4	4
All other	214	-	1	-	-	-	1	-	-	4	16	34	27	29
Male	207	-	1	-	-	-	1	-	-	4	16	34	25	28
Female	7	-	-	-	-	-	-	-	-	-	-	-	2	1
Black	190	-	-	-	-	-	-	-	-	4	12	29	26	26
Male	183	-	-	-	-	-	-	-	-	4	12	29	24	25
Female	7	-	-	-	-	-	-	-	-	-	-	-	2	1
Place for recreation and sport ⁴ (4)	794	1	14	20	9	17	61	59	51	113	90	92	69	45
Male	680	1	4	13	7	12	37	39	39	106	84	83	61	41
Female	114	-	10	7	2	5	24	20	12	7	6	9	8	4
White	617	1	14	15	4	14	48	33	31	77	67	76	57	34
Male	522	1	4	8	3	10	26	23	22	70	63	67	50	31
Female	95	-	10	7	1	4	22	10	9	7	4	9	7	3
All other	177	-	5	5	3	13	26	20	36	23	16	12	11	11
Male	158	-	-	5	4	2	11	16	17	36	21	16	11	10
Female	19	-	-	1	1	1	2	10	3	2	2	-	1	1
Black	152	-	-	5	4	3	12	25	17	31	17	10	11	10
Male	135	-	-	5	3	2	10	16	14	31	16	10	10	9
Female	17	-	-	-	1	1	2	9	3	-	1	-	1	1
Street and highway ⁵ (5)	965	6	4	2	2	1	15	5	12	51	63	67	120	92
Male	797	3	4	-	2	1	10	2	11	42	57	56	105	81
Female	168	3	-	2	-	-	5	3	1	9	6	11	15	11
White	694	4	3	1	1	1	10	5	8	41	47	53	82	62
Male	561	1	3	-	1	1	6	2	7	34	43	44	71	54
Female	133	3	-	1	-	-	4	3	1	7	4	9	11	8
All other	271	2	1	1	1	-	5	-	4	10	16	14	38	30
Male	236	2	1	-	1	-	4	-	4	8	14	12	34	27
Female	35	-	-	1	-	-	1	-	-	2	2	2	4	3
Black	233	1	1	1	1	-	4	-	4	7	12	12	30	28
Male	203	1	1	-	1	-	3	-	4	5	12	10	26	25
Female	30	-	-	1	-	-	1	-	-	2	-	2	4	3

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Table 5-6. Deaths From Nontransport Accidents, by Place of Accident, 5-Year Age Groups, Race, and Sex: United States, 1989—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)	2,051	1,603	1,367	1,566	1,792	2,073	2,294	2,989	3,329	3,206	2,034	844	148	73
Male	1,653	1,269	1,052	1,188	1,295	1,401	1,370	1,581	1,554	1,259	695	256	42	64
Female	398	334	315	378	497	672	924	1,408	1,775	1,947	1,339	588	106	9
White	1,547	1,196	1,023	1,216	1,425	1,682	1,959	2,616	3,022	2,894	1,897	772	124	55
Male	1,261	939	789	926	1,020	1,131	1,173	1,371	1,389	1,120	650	226	36	50
Female	286	257	234	290	405	551	786	1,245	1,633	1,774	1,247	546	88	5
All other	504	407	344	350	367	391	335	373	307	312	137	72	24	18
Male	392	330	263	262	275	270	197	210	165	139	45	30	6	14
Female	112	77	81	88	92	121	138	163	142	173	92	42	18	4
Black	447	355	307	320	339	362	305	340	258	277	127	62	20	15
Male	353	290	235	238	251	251	176	192	138	119	43	24	6	11
Female	94	65	72	82	88	111	129	148	130	158	84	38	14	4
Home ¹ (0)	826	621	548	604	803	934	1,017	1,242	1,321	1,145	625	242	39	11
Male	610	451	368	410	543	601	583	645	614	479	243	85	13	9
Female	216	170	180	194	260	333	434	597	707	666	382	157	26	2
White	598	459	413	472	629	745	864	1,063	1,195	996	569	224	32	6
Male	440	327	274	319	416	475	494	556	554	417	224	76	10	5
Female	158	132	139	153	213	270	370	507	641	579	345	148	22	1
All other	228	162	135	132	174	189	153	179	126	149	56	18	7	5
Male	170	124	94	91	127	126	89	89	60	62	19	9	3	4
Female	58	38	41	41	47	63	64	90	66	87	37	9	4	1
Black	210	141	126	124	167	176	142	161	107	137	53	15	7	5
Male	160	112	88	87	121	118	82	80	48	57	18	7	3	4
Female	50	29	38	37	46	58	60	81	59	80	35	8	4	1
Farm ² (1)	42	46	50	61	72	59	61	41	20	10	4	2	-	-
Male	36	42	45	57	71	54	59	36	20	10	4	2	-	-
Female	6	4	5	4	1	5	2	5	-	-	-	-	-	-
White	34	43	44	57	67	57	58	39	18	9	4	2	-	-
Male	30	40	4	53	66	53	56	34	18	9	4	2	-	-
Female	4	3	4	4	1	4	2	5	-	-	-	-	-	-
All other	8	6	6	5	4	1	2	2	2	1	-	-	-	-
Male	7	2	1	4	5	1	2	2	2	1	-	-	-	-
Female	1	3	5	1	1	1	3	1	1	1	-	-	-	-
Black	5	2	5	3	4	1	3	2	1	1	-	-	-	-
Male	5	2	5	3	4	1	3	2	1	1	-	-	-	-
Female	2	1	1	-	-	1	-	-	-	-	-	-	-	-
Mine and quarry (2)	12	5	8	5	1	1	-	1	-	1	-	-	-	-
Male	12	5	8	5	1	1	-	1	-	1	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White	12	5	7	4	1	1	-	1	-	1	-	-	-	-
Male	12	5	7	4	1	1	-	1	-	1	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Male	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Industrial place and premises (3)	142	130	86	116	70	30	21	13	6	4	1	-	-	1
Male	136	128	84	113	68	30	19	13	2	3	1	-	-	1
Female	6	4	2	3	2	-	2	-	4	1	-	-	-	-
White	120	105	68	101	57	25	19	12	6	4	-	-	-	-
Male	116	102	66	99	55	25	17	12	2	3	-	-	-	-
Female	4	3	2	2	2	-	2	-	4	1	-	-	-	-
All other	22	25	18	15	13	5	2	1	-	-	1	-	-	1
Male	20	24	18	14	13	5	2	1	-	-	1	-	-	1
Female	2	1	1	1	-	-	-	-	-	-	-	-	-	-
Black	20	23	15	12	13	5	2	1	-	-	1	-	-	1
Male	18	22	15	11	13	5	2	1	-	-	1	-	-	1
Female	2	1	1	1	-	-	-	-	-	-	-	-	-	-
Place for recreation and sport (4)	45	40	16	23	22	27	15	12	10	2	1	-	-	1
Male	39	37	15	19	19	26	11	12	8	2	1	-	-	1
Female	6	3	1	4	3	1	4	-	2	-	-	-	-	-
White	42	34	14	20	21	23	15	12	9	2	1	-	-	1
Male	36	31	13	16	18	22	11	12	7	2	1	-	-	1
Female	6	3	1	4	3	1	4	-	2	-	-	-	-	-
All other	6	6	2	3	1	4	-	-	1	-	-	-	-	-
Male	3	3	2	3	1	4	-	-	1	-	-	-	-	-
Female	3	3	1	1	1	1	-	-	-	-	-	-	-	-
Black	2	6	2	3	1	4	-	-	1	-	-	-	-	-
Male	2	6	2	3	1	4	-	-	1	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Street and highway (5)	98	56	57	57	42	50	32	47	44	28	17	9	1	2
Male	89	49	47	52	36	41	24	30	25	15	14	8	1	2
Female	9	7	10	5	6	9	8	17	19	13	3	1	-	-
White	66	38	38	32	30	32	24	38	40	21	16	9	1	1
Male	60	31	31	29	25	27	18	23	23	10	13	8	1	1
Female	6	7	7	3	5	5	6	15	17	11	3	1	-	-
All other	32	18	19	25	12	18	8	9	4	7	1	-	-	1
Male	29	18	16	23	11	14	6	7	2	5	1	-	-	1
Female	3	1	3	2	1	4	2	2	2	2	-	-	-	-
Black	28	16	17	24	9	17	7	9	3	5	1	-	-	-
Male	27	16	15	22	8	13	5	7	3	3	1	-	-	-
Female	1	-	2	2	1	4	2	2	2	2	-	-	-	-

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Table 5-6. Deaths From Nontransport Accidents, by Place of Accident, 5-Year Age Groups, Race, and Sex: United States, 1989—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)	1,045	5	9	4	4	4	26	24	14	49	72	105	124	115
Male	800	5	6	2	4	1	13	17	11	42	60	84	103	105
Female	245	5	3	2	—	3	13	7	3	7	12	21	21	10
White	871	3	9	4	4	3	23	21	8	41	52	88	100	95
Male	653	3	6	2	4	1	13	14	5	35	44	70	81	90
Female	218	3	3	2	—	2	10	7	3	6	8	18	19	5
All other	174	2	—	—	—	—	3	3	6	8	20	17	24	20
Male	147	2	—	—	—	—	—	3	6	7	16	14	22	15
Female	27	2	—	—	—	—	3	—	—	1	4	3	2	5
Black	161	2	—	—	—	1	3	3	6	7	18	15	24	20
Male	135	2	—	—	—	—	—	3	6	6	14	12	22	15
Female	26	2	—	—	—	1	3	—	—	1	4	3	2	5
Residential institution (7)	2,026	8	1	1	1	1	12	2	2	19	13	24	40	38
Male	858	4	—	—	1	—	5	—	2	15	12	15	32	28
Female	1,168	4	1	1	—	1	7	2	—	4	1	9	8	12
White	1,836	3	1	—	1	1	6	1	2	13	10	17	20	26
Male	743	1	—	—	1	—	2	—	2	12	9	12	14	16
Female	1,093	2	1	—	—	1	4	1	—	1	1	5	6	10
All other	190	5	—	1	—	—	6	1	—	6	3	7	20	12
Male	115	3	—	—	—	—	3	—	—	3	3	3	18	10
Female	75	2	—	1	—	—	3	1	—	3	—	4	2	2
Black	159	4	—	1	—	—	5	1	—	6	3	6	15	12
Male	92	2	—	—	—	—	2	—	—	3	3	3	13	10
Female	67	2	—	1	—	—	3	1	—	3	—	3	2	2
Other specified places (8)	4,179	12	43	30	43	34	162	151	190	392	403	460	459	386
Male	3,651	7	29	24	29	27	116	115	169	366	380	408	411	346
Female	528	5	14	6	14	7	46	36	21	26	23	52	48	40
White	3,248	7	38	29	33	26	133	101	114	313	334	371	348	303
Male	2,849	3	26	23	22	23	97	80	101	293	318	332	312	273
Female	399	4	12	6	11	3	36	21	13	20	16	39	36	30
All other	931	5	5	1	10	8	29	50	76	79	69	89	111	83
Male	802	4	3	1	7	4	19	35	68	73	62	76	99	73
Female	129	1	2	—	3	4	10	15	8	6	7	13	12	10
Black	737	5	3	—	7	6	21	39	62	60	51	66	93	64
Male	633	4	1	—	5	3	13	29	55	54	46	55	82	57
Female	104	1	2	—	2	3	8	10	7	6	5	11	11	7
Unspecified place (9)	12,665	169	59	36	24	21	309	88	96	272	439	580	700	634
Male	7,331	98	35	22	15	13	183	63	68	220	371	485	547	514
Female	5,334	71	24	14	9	8	126	25	28	52	68	95	153	120
White	10,452	105	36	28	15	16	200	62	68	207	320	420	531	457
Male	5,880	61	20	18	9	10	118	48	52	165	271	364	416	378
Female	4,572	44	16	10	6	6	82	14	16	42	49	56	115	81
All other	2,213	64	23	8	9	5	109	26	28	65	119	160	169	177
Male	1,451	37	15	4	6	3	65	15	16	55	100	121	131	138
Female	762	27	8	4	3	2	44	11	12	10	19	39	38	39
Black	1,990	58	21	8	8	4	99	23	24	53	93	145	153	164
Male	1,296	33	13	4	5	3	58	14	15	47	78	107	119	126
Female	694	25	8	4	3	1	41	9	9	6	15	38	34	38

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Table 5-6. Deaths From Nontransport Accidents, by Place of Accident, 5-Year Age Groups, Race, and Sex: United States, 1989—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]

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)	78	61	43	45	61	51	43	38	50	28	12	3	-	3
Male	70	54	38	42	47	38	24	22	17	8	2	-	-	3
Female	8	7	5	3	14	13	19	16	33	20	10	3	-	-
White	60	47	33	37	54	42	41	36	49	27	11	3	-	3
Male	53	41	29	34	41	30	23	21	16	8	2	-	-	3
Female	7	6	4	3	13	12	18	15	33	19	9	3	-	-
All other	18	14	10	8	7	9	2	2	1	1	1	-	-	-
Male	17	13	9	8	6	8	1	1	1	-	-	-	-	-
Female	1	1	1	1	1	1	1	1	1	1	1	-	-	-
Black	16	14	10	7	5	7	2	2	-	1	1	-	-	-
Male	15	13	9	7	4	7	1	1	-	-	-	-	-	-
Female	1	1	1	-	1	-	1	1	-	1	1	-	-	-
Residential institution (7)	31	22	20	38	51	77	132	239	342	409	327	159	28	1
Male	24	15	13	20	36	47	75	107	146	125	100	35	7	1
Female	7	7	7	18	15	30	57	132	196	284	227	124	21	-
White	21	14	17	29	46	66	117	222	329	386	318	148	27	1
Male	14	8	10	15	34	41	67	95	139	115	97	30	7	1
Female	7	6	7	14	12	25	50	124	190	271	221	118	20	-
All other	10	8	3	9	5	11	15	17	13	23	9	11	1	-
Male	10	7	3	5	2	6	8	9	7	10	3	5	-	-
Female	-	1	-	4	3	5	7	8	6	13	6	6	1	-
Black	10	5	2	8	4	10	12	15	12	18	7	8	-	-
Male	10	4	2	5	1	5	5	8	6	8	2	2	-	-
Female	-	1	-	3	3	5	7	7	6	10	5	6	-	-
Other specified places (8)	298	222	183	148	158	140	111	119	86	50	22	3	-	36
Male	259	195	172	137	134	120	93	92	58	35	10	2	-	33
Female	39	27	11	11	24	20	18	27	28	15	12	1	-	3
White	238	170	121	106	122	115	89	99	75	43	20	3	-	30
Male	211	151	113	99	103	97	74	77	48	30	9	2	-	29
Female	27	19	8	7	19	18	15	22	27	13	11	1	-	1
All other	60	52	62	42	36	25	22	20	11	7	2	-	-	6
Male	48	44	59	38	31	23	19	15	10	5	1	-	-	4
Female	12	8	3	4	5	2	3	5	1	2	1	-	-	2
Black	44	44	49	34	30	21	18	18	10	6	2	-	-	5
Male	35	37	47	30	26	20	15	14	10	4	1	-	-	3
Female	9	7	2	4	4	1	3	4	-	2	1	-	-	2
Unspecified place (9)	479	400	356	469	512	704	862	1,237	1,450	1,529	1,025	426	80	18
Male	378	295	262	333	340	443	482	623	664	581	320	124	21	14
Female	101	105	94	136	172	261	380	614	786	948	705	302	59	4
White	356	281	268	358	398	576	732	1,094	1,301	1,405	958	383	64	13
Male	289	203	206	258	261	360	413	537	582	525	300	108	18	10
Female	67	78	62	100	137	216	319	557	719	880	658	275	46	3
All other	123	119	88	111	114	128	130	143	149	124	67	43	16	5
Male	89	92	56	75	79	83	69	86	82	56	20	16	3	4
Female	34	27	32	36	35	45	61	57	67	68	47	27	13	1
Black	110	103	80	105	106	120	119	132	134	109	62	39	13	4
Male	81	78	52	70	73	78	63	79	71	46	20	15	3	3
Female	29	25	28	35	33	42	56	53	63	63	42	24	10	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.

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Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1989—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	255	117	11	-	16	2	4	9	38	21	37
Male	161	73	10	-	16	2	4	8	10	18	20
Female	94	44	1	-	-	-	-	1	28	3	17
White	244	108	11	-	16	2	4	8	38	20	37
Male	153	67	10	-	16	2	4	7	10	17	20
Female	91	41	1	-	-	-	-	1	28	3	17
All other	11	9	-	-	-	-	-	-	-	1	-
Male	8	6	-	-	-	-	-	1	-	1	-
Female	3	3	-	-	-	-	-	-	-	-	-
Black	8	6	-	-	-	-	-	1	-	1	-
Male	5	3	-	-	-	-	-	1	-	1	-
Female	3	3	-	-	-	-	-	-	-	-	-
Nevada	159	68	-	1	7	3	7	6	4	29	34
Male	114	48	-	1	7	3	6	6	3	25	15
Female	45	20	-	-	-	-	1	-	1	4	19
White	138	57	-	1	7	3	7	6	3	25	29
Male	98	40	-	1	7	3	6	6	2	22	11
Female	40	17	-	-	-	-	1	-	1	3	18
All other	21	11	-	-	-	-	-	-	1	4	5
Male	16	8	-	-	-	-	-	-	1	3	4
Female	5	3	-	-	-	-	-	-	-	1	1
Black	17	11	-	-	-	-	-	-	-	3	3
Male	13	8	-	-	-	-	-	-	-	3	2
Female	4	3	-	-	-	-	-	-	-	-	1
New Hampshire	133	65	-	-	4	4	1	1	10	16	32
Male	73	36	-	-	4	3	-	1	1	15	13
Female	60	29	-	-	-	1	1	-	9	1	19
White	133	65	-	-	4	4	1	1	10	16	32
Male	73	36	-	-	4	3	-	1	1	15	13
Female	60	29	-	-	-	1	1	-	9	1	19
All other	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
New Jersey	985	311	2	-	34	13	38	20	25	77	465
Male	566	181	2	-	33	12	27	15	15	63	218
Female	419	130	-	-	1	1	11	5	10	14	247
White	794	249	2	-	28	9	28	11	21	59	387
Male	442	147	2	-	27	9	18	9	11	47	172
Female	352	102	-	-	1	-	10	2	10	12	215
All other	191	62	-	-	6	4	10	9	4	18	78
Male	124	34	-	-	6	3	9	6	4	16	46
Female	67	28	-	-	-	1	1	3	-	2	32
Black	186	62	-	-	5	4	10	9	4	18	74
Male	120	34	-	-	5	3	9	6	4	16	43
Female	66	28	-	-	-	1	1	3	-	2	31
New Mexico	287	139	2	-	5	4	6	9	9	63	50
Male	226	110	2	-	5	4	5	8	5	54	33
Female	61	29	-	-	-	-	1	1	4	9	17
White	226	120	2	-	4	3	4	9	7	36	41
Male	182	96	2	-	4	3	3	8	5	34	27
Female	44	24	-	-	-	-	1	1	2	2	14
All other	61	19	-	-	1	1	2	-	2	27	9
Male	44	14	-	-	1	1	2	-	2	20	6
Female	17	5	-	-	-	-	-	-	2	7	3
Black	4	2	-	-	-	-	-	-	-	2	-
Male	2	1	-	-	-	-	-	-	-	1	-
Female	2	1	-	-	-	-	-	-	-	1	-
New York	2,535	978	12	1	43	36	89	72	123	223	958
Male	1,633	560	12	1	41	33	75	57	53	188	613
Female	902	418	-	-	2	3	14	15	70	35	345
White	1,952	742	12	1	30	24	61	52	108	168	754
Male	1,228	420	12	1	29	22	51	41	44	143	465
Female	724	322	-	-	1	2	10	11	64	25	289
All other	583	236	-	-	13	12	28	20	15	55	204
Male	405	140	-	-	12	11	24	16	9	45	148
Female	178	96	-	-	1	1	4	4	6	10	56
Black	540	218	-	-	11	10	26	19	13	47	196
Male	376	133	-	-	10	9	22	15	7	38	142
Female	164	85	-	-	1	1	4	4	6	9	54
North Carolina	1,372	510	28	3	49	27	20	14	29	104	588
Male	895	341	26	3	48	23	17	12	16	90	319
Female	477	169	2	-	1	4	3	2	13	14	269
White	881	306	16	2	35	16	12	9	20	60	405
Male	552	203	16	2	35	13	9	7	11	53	203
Female	329	103	-	-	-	3	3	2	9	7	202
All other	491	204	12	1	14	11	8	5	9	44	183
Male	343	138	10	1	13	10	8	5	5	37	116
Female	148	66	2	-	1	1	-	-	4	7	67
Black	462	189	12	1	13	10	8	5	8	39	177
Male	321	128	10	1	12	9	8	5	4	32	112
Female	141	61	2	-	1	1	-	-	4	7	65

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Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1989—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)
North Dakota	104	38	5	-	6	1	5	5	6	7	31
Male	73	26	4	-	6	1	5	3	1	6	21
Female	31	12	1	-	-	-	-	2	5	1	10
White	95	33	5	-	5	1	4	5	6	7	29
Male	66	23	4	-	5	1	4	3	1	6	19
Female	29	10	1	-	-	-	-	2	5	1	10
All other	9	5	-	-	1	-	1	-	-	-	2
Male	7	3	-	-	1	-	1	-	-	-	2
Female	2	2	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Ohio	1,588	638	27	1	59	24	20	38	109	127	545
Male	943	356	25	1	56	21	16	27	40	113	288
Female	645	282	2	-	3	3	4	11	69	14	257
White	1,391	541	27	1	54	19	16	31	99	108	495
Male	809	297	25	1	51	16	12	22	33	96	256
Female	582	244	2	-	3	3	4	9	66	12	239
All other	197	97	-	-	5	5	4	7	10	19	50
Male	134	59	-	-	5	5	4	5	7	17	32
Female	63	38	-	-	-	-	-	2	3	2	18
Black	195	97	-	-	5	4	4	7	10	19	49
Male	133	59	-	-	5	4	4	5	7	17	32
Female	62	38	-	-	-	-	-	2	3	2	17
Oklahoma	584	211	20	-	28	18	11	6	40	60	190
Male	383	122	19	-	28	14	10	5	20	50	115
Female	201	89	1	-	-	4	1	1	20	10	75
White	510	182	20	-	26	15	5	5	34	52	171
Male	328	102	19	-	26	12	4	4	17	44	100
Female	182	80	1	-	-	3	1	1	17	8	71
All other	74	29	-	-	2	3	6	1	6	8	19
Male	55	20	-	-	2	2	6	1	3	6	15
Female	19	9	-	-	-	1	-	-	3	2	4
Black	49	25	-	-	-	3	2	1	4	4	10
Male	35	18	-	-	-	2	2	1	2	2	8
Female	14	7	-	-	-	1	-	-	2	2	2
Oregon	506	169	20	1	32	9	10	11	27	83	144
Male	355	111	16	1	29	8	9	8	12	74	87
Female	151	58	4	-	3	1	1	3	15	9	57
White	488	162	19	1	32	8	9	11	27	79	140
Male	341	107	15	1	29	7	9	8	12	70	83
Female	147	55	4	-	3	1	-	3	15	9	57
All other	18	7	1	-	-	1	1	-	-	4	4
Male	14	4	1	-	-	1	-	-	-	4	4
Female	4	3	-	-	-	-	1	-	-	-	-
Black	4	2	-	-	-	-	-	-	-	1	1
Male	4	2	-	-	-	-	-	-	-	1	1
Female	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania	2,102	884	29	7	68	23	47	56	72	118	798
Male	1,314	567	26	5	68	20	47	47	29	103	409
Female	788	317	3	2	-	3	7	9	43	15	389
White	1,748	688	29	7	62	21	31	53	66	100	691
Male	1,077	439	26	5	62	19	28	44	24	85	345
Female	671	249	3	2	-	2	3	9	42	15	346
All other	354	196	-	-	6	2	16	3	6	18	107
Male	237	128	-	-	6	1	12	3	5	18	64
Female	117	68	-	-	-	1	4	-	1	-	43
Black	344	189	-	-	6	2	16	3	6	15	107
Male	228	122	-	-	6	1	12	3	5	15	64
Female	116	67	-	-	-	1	4	-	1	-	43
Rhode Island	145	70	1	-	4	2	3	5	13	8	39
Male	97	45	1	-	4	2	1	3	6	7	28
Female	48	25	-	-	-	-	2	2	7	1	11
White	136	65	1	-	4	2	3	4	13	5	39
Male	88	40	1	-	4	2	1	2	6	4	28
Female	48	25	-	-	-	-	2	2	7	1	11
All other	9	5	-	-	-	-	-	1	-	3	-
Male	9	5	-	-	-	-	-	1	-	3	-
Female	-	-	-	-	-	-	-	-	-	-	-
Black	8	4	-	-	-	-	-	1	-	3	-
Male	8	4	-	-	-	-	-	1	-	3	-
Female	-	-	-	-	-	-	-	-	-	-	-
South Carolina	799	352	16	2	20	14	21	16	12	113	233
Male	561	242	16	1	18	14	20	13	5	100	132
Female	238	110	-	1	2	-	1	3	7	13	101
White	445	173	8	1	10	10	13	9	10	60	151
Male	293	116	8	1	9	10	12	6	3	54	74
Female	152	57	-	-	1	-	1	3	7	6	77
All other	354	179	8	1	10	4	8	7	2	53	82
Male	268	126	8	1	9	4	8	7	2	46	58
Female	86	53	-	1	1	-	-	-	-	7	24
Black	353	179	8	1	9	4	8	7	2	53	82
Male	267	126	8	-	8	4	8	7	2	46	58
Female	86	53	-	1	1	-	-	-	-	7	24

SECTION 5 - ACCIDENT MORTALITY - PAGE 53

Table 5-7. Deaths From Nontransport Accidents, by Place of Accident, Race, and Sex: United States and Each State, 1989—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	366	177	10	6	10	5	7	5	20	45	81
Male	239	106	10	6	10	4	5	9	37	49	
Female	127	71	-	-	-	1	2	6	8	32	
White	351	167	10	6	10	5	6	20	43	79	
Male	230	101	10	6	10	4	4	9	36	47	
Female	121	66	-	-	-	1	2	11	7	32	
All other	15	10	-	-	-	-	1	-	2	2	
Male	9	5	-	-	-	-	1	-	1	2	
Female	6	5	-	-	-	-	-	-	1	2	
Black	15	10	-	-	-	-	1	-	2	2	
Male	9	5	-	-	-	-	1	-	1	2	
Female	6	5	-	-	-	-	-	-	1	-	
Wisconsin	774	419	33	-	18	10	24	14	84	75	97
Male	494	245	32	-	18	10	19	9	40	62	59
Female	280	174	1	-	-	-	5	5	44	13	38
White	724	390	33	-	18	10	22	13	84	66	88
Male	460	227	32	-	18	10	18	8	40	55	52
Female	264	163	1	-	-	-	4	5	44	11	36
All other	50	29	-	-	-	-	2	1	-	9	9
Male	34	18	-	-	-	-	1	1	-	7	7
Female	16	11	-	-	-	-	1	-	-	2	2
Black	40	25	-	-	-	-	2	1	-	4	6
Male	26	15	-	-	-	-	1	1	-	3	6
Female	14	10	-	-	-	-	1	-	-	1	2
Wyoming	79	33	6	-	10	2	-	3	2	5	18
Male	57	23	5	-	10	2	-	2	2	5	8
Female	22	10	1	-	-	-	-	1	-	-	10
White	75	30	6	-	10	1	-	3	2	5	18
Male	55	22	5	-	10	1	-	2	2	5	8
Female	20	8	1	-	-	-	-	1	-	-	10
All other	4	3	-	-	-	1	-	-	-	-	-
Male	2	1	-	-	-	1	-	-	-	-	-
Female	2	2	-	-	-	-	-	-	-	-	-
Black	1	1	-	-	-	-	-	-	-	-	-
Male	1	1	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-

¹ Including home premises and any noninstitutional place of residence.
² Including buildings and land under cultivation, but excluding farm home and home premises.

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Guide to tables in section 6

	TABLE: 6	-1	-2	-3	-4	-5
	PAGE:	7	11	12	13	19
Years:						
1900–1989 -----						15
1989 only -----	1	2	3			
Specified years and 1989 -----				24		
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 (\hat{e}_x) -----	1		3	4		
Average length of life (\hat{e}_0) -----						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	

¹Entire United States for 1929–89; death-registration States for 1900–28.

²Entire United States for specified years from 1929 to 1989; 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 1989 assumes a hypothetical cohort subject throughout its lifetime to the age-specific death rates prevailing for the actual population in 1989. 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 1989 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 e_x^o 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.

SECTION 6—LIFE TABLES—PAGE 2

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, 1988, and 1989

Life table value, period, and age	Total	White		All other			
		Male	Female	Total		Black	
				Male	Female	Male	Female
Expectation of life							
At birth:							
1989	75.3	72.7	79.2	67.1	75.2	64.8	73.5
1988	74.9	72.3	78.9	67.1	75.1	64.9	73.4
1979–81	73.88	70.82	78.22	65.63	74.00	64.10	72.88
1969–71	70.75	67.94	75.49	60.98	69.05	60.00	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:							
1989	75.0	72.3	78.8	67.3	75.4	65.2	73.8
1988	74.7	72.0	78.5	67.3	75.1	65.2	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:							
1989	56.6	54.0	60.2	49.2	56.9	47.1	55.3
1988	56.3	53.6	59.9	49.1	56.7	47.0	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:							
1989	17.2	15.2	19.0	14.5	17.9	13.6	17.0
1988	16.9	14.9	18.7	14.3	17.8	13.4	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

LIFE TABLE VALUES

The data used to prepare the abridged U.S. life tables for 1989 are the final mortality statistics and the midyear estimates of the population 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, 1988, and 1989 are shown in tables A and D.

Expectation of life—The most frequently used life table statistic is life expectancy (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 1989 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 1989 for the total population was 75.3 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, 79,469 out of the original 1989 life table cohort of 100,000 (or 79.5 percent) were alive at exact age 65 (tables D 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 1989 the median age at death for the total population was 79.0 years (table D).

TRENDS AND COMPARISONS

In 1989 life expectancy in the United States reached a new high of 75.3 years. Among the four race-sex groups (white males and females; black males and females), white females had the highest life expectancy at birth, 79.2 years, followed by black females, 73.5 years; white males, 72.7 years; and black males, 64.8 years (table A). The same order in life expectancy was maintained by each of the four race-sex groups at ages 1, 20, and 65 years.

SECTION 6—LIFE TABLES—PAGE 3

Table B. 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, and 1988 to 1989

Period	White		Black	
	Male	Female	Male	Female
1988 to 1989	+0.4	+0.3	-0.1	+0.1
1987 to 1988	+0.1	-	-0.3	-0.2
1986 to 1987	+0.2	+0.1	-	+0.1
1985 to 1986	+0.1	+0.1	-0.1	-
1984 to 1985	+0.1	-	-0.3	-0.2
1979–81 to 1984	+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

Table C. Differences in life expectancy 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, and 1989

Period	Female-Male		White-Black	
	White	Black	Male	Female
1989	6.5	8.7	7.9	5.7
1988	6.6	8.5	7.4	5.5
1987	6.7	8.4	7.0	5.3
1986	6.8	8.3	6.8	5.3
1985	6.8	8.2	6.6	5.2
1984	6.9	8.1	6.2	5.0
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

Between 1988 and 1989, life expectancy increased for all of the four race-sex groups except black males (table B). Life expectancy decreased for black males by 0.1 years between 1988 and 1989. For black males, life expectancy has dropped to the lowest levels since 1981 (table 6–5).

Since the beginning of the century through the mid-1980's, the average number of years added annually to life expectancy was greater than the annual changes observed for each of the years from 1984 through 1989 for each of the race-sex groups, except for white males and females between 1988 and 1989 (table B). Since 1984, life expectancy increased each year for white males; for white females, it increased for 3 of the 5 years; for black females, for only 2 of the 5 years; and for black males, life expectancy decreased for 4 of the 5 years, and remained unchanged for one year.

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 C). For the white population the difference between males and females increased from 2.9 years in 1900–1902 to 7.6 years by 1969–71; the difference narrowed to 6.8 years in 1985, 6.6 years by 1988, and 6.5 years in 1989. For the black population, the difference increased from 2.5 years in 1900–1902 to 8.8 years by

1979–81; it narrowed to 8.1 years by 1984, and has steadily increased to 8.7 years in 1989.

Life expectancy differences between the races have generally narrowed since the beginning of the century (table C), though they began widening in 1985. In 1984 white males had a life expectancy that was 6.2 years greater than that of black males, compared with a difference of 7.9 years in 1989. For women the race difference in life expectancy increased from 5.0 years in 1984 to 5.7 years in 1989 (table C).

In 1989 among the four race-sex groups, the percent surviving from birth to age 65 years for white females was 86.3 percent; white males, 75.9 percent; black females, 75.3 percent; and black males, 57.8 percent. Median age at death in 1989 for white females was 82.6 years; black females, 77.5 years; white males, 76.2 years; and for black males, 68.8 years, unchanged from 1988 (table D).

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

SECTION 6—LIFE TABLES—PAGE 4

Table D. 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, 1988, and 1989

Life table value, period, and age	Total	White		All other			
		Male	Female	Total		Black	
				Male	Female	Male	Female
Percent surviving from birth							
To age 1 year:							
1989	99.0	99.1	99.3	98.2	98.5	98.0	98.3
1988	99.0	99.0	99.3	98.4	98.6	98.1	98.4
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:							
1989	98.1	98.1	98.7	96.8	97.8	96.4	97.5
1988	98.1	98.0	98.7	97.0	97.8	96.5	97.6
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:							
1989	79.5	75.9	86.3	62.6	78.3	57.8	75.3
1988	79.1	75.4	85.9	62.6	77.8	57.9	74.9
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:							
1989	78.9	76.2	82.6	71.1	79.2	68.8	77.5
1988	78.6	75.8	82.3	71.0	79.1	68.8	77.4
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

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 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, 1961–82—Life table values for 1961–69 and 1971–79 are based on revised intercensal estimates of the populations for those years and were constructed using the U.S. decennial life tables for 1959–61 and 1969–71, respectively, as the standard tables. Life table values for 1970–73 have also been revised using the 1969–71 decennial life tables as the standard tables. Previously published abridged life tables for 1970–73 were constructed using the 1959–61 decennial life tables as the standard tables because the 1969–71 decennial life tables were not yet available.

The 1979–81 decennial life tables have been used as the standard life tables for the 1983–89 life tables as well

as for revised life table values for 1980–82 shown in this section.

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

(q_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 shown 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 1989 life table values are estimated as of July 1, 1989, and are based on the 1980 census levels (6). The 1980 census counts by race were modified to be consistent with the Office of Management and Budget categories and historical categories for death data. For a detailed discussion of modification procedures, see U.S. Bureau of the Census (7).

Population estimates used to compute death rates for 1984-89 incorporate new estimation procedures for net migration and net undocumented immigration. Death rates for 1989 are comparable with those for 1984-88 but are not strictly comparable with those for previous years. For additional details, see the Technical Appendix in *Vital Statistics of the United States, 1984* (Vol. II, Mortality, Part A), and U.S. Bureau of the Census (8).

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Age interval (x to $x + n$)—The age interval shown in column 1 is the 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 years, the proportion dying is 0.0085: Out of every 1,000 males alive and exactly 20 years of age at the beginning of the period, about 9 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, 98,914 will complete the first year of life and enter the second; 98,703 will begin the sixth year; 97,800 will reach age 20; and 21,780 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, 1,086 will die in the first year of life; 211 in the succeeding 4 years; 827 in the 5-year period between exact ages 20 and 25; and 21,780 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 486,977. 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 486,977 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 above illustration, column 6 shows that there would be at any given moment a total of 5,211,637 males 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 7,182,240.

Column 7—Average remaining lifetime (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 486,977 for males in the age interval 20–25 years is the total number of years lived between the 20th and 25th birthdays by the 97,800 (column 3) who reached the 20th birthday out of 100,000 males born alive. The corresponding figure 5,211,637 in column 6 is the total number of years lived after attaining age 20 by the 97,800 reaching that age. This number of years divided by the number of males (5,211,637 divided by 97,800) gives 53.3 years as the average remaining lifetime of males at age 20.

SYMBOLS

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)	*

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1989
(Page 1 of 4)

Age interval Period of life between two exact ages stated in years, race, and sex (1)	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
	Proportion of persons alive at beginning of age interval dying during interval (2)	Number living at beginning of age interval (3)	Number dying during age interval (4)	In the age interval (5)	In this and all subsequent age intervals (6)	Average number of years of life remaining at beginning of age interval (7)
x to $x + n$	nq_x	l_x	n^d_x	nL_x	T_x	e_x
ALL RACES						
0-1	0.0099	100,000	986	99,154	7,525,922	75.3
1-5 .....	.0019	99,014	192	99,606	7,426,768	75.0
5-10 .....	.0012	98,822	117	99,791	7,031,162	71.1
10-15 .....	.0013	98,705	132	99,269	6,537,371	66.2
15-20 .....	.0043	98,573	428	99,894	6,044,102	61.3
20-25 .....	.0056	98,145	548	99,382	5,552,208	56.6
25-30 .....	.0062	97,597	604	98,474	5,062,826	51.9
30-35 .....	.0076	96,993	734	98,173	4,576,352	47.2
35-40 .....	.0097	96,259	932	97,097	4,093,179	42.5
40-45 .....	.0127	95,327	1,213	96,819	3,614,082	37.9
45-50 .....	.0186	94,114	1,753	96,508	3,140,263	33.4
50-55 .....	.0292	92,361	2,694	95,493	2,673,755	28.9
55-60 .....	.0463	89,667	4,154	93,547	2,218,262	24.7
60-65 .....	.0707	85,513	6,044	91,274	1,779,715	20.8
65-70 .....	.1026	79,469	8,156	87,836	1,368,441	17.2
70-75 .....	.1522	71,313	10,851	83,381	988,605	13.9
75-80 .....	.2235	60,462	13,511	76,356	658,224	10.9
80-85 .....	.3348	46,951	15,720	60,668	388,868	8.3
85 and over	1.0000	31,231	31,231	49,200	193,200	6.2
MALE						
0-1 .....	.0109	100,000	1,086	99,065	7,182,240	71.8
1-5 .....	.0021	98,914	211	99,167	7,083,175	71.6
5-10 .....	.0014	98,703	134	99,149	6,688,008	67.8
10-15 .....	.0016	98,569	163	99,548	6,194,859	62.8
15-20 .....	.0062	98,406	606	99,674	5,702,311	57.9
20-25 .....	.0085	97,800	827	98,977	5,211,637	53.3
25-30 .....	.0091	96,973	885	98,628	4,724,660	48.7
30-35 .....	.0109	96,088	1,047	97,853	4,242,032	44.1
35-40 .....	.0138	95,041	1,308	97,100	3,764,179	39.6
40-45 .....	.0172	93,793	1,608	96,423	3,292,079	35.1
45-50 .....	.0245	92,125	2,255	95,407	2,827,156	30.7
50-55 .....	.0375	89,870	3,368	94,466	2,371,749	26.4
55-60 .....	.0598	86,502	5,174	92,303	1,930,283	22.3
60-65 .....	.0912	81,328	7,419	89,050	1,509,980	18.6
65-70 .....	.1316	73,909	9,726	84,142	1,120,930	15.2
70-75 .....	.1947	64,183	12,499	79,381	774,788	12.1
75-80 .....	.2839	51,684	14,675	66,862	484,407	9.4
80-85 .....	.4115	37,009	15,229	51,096	262,545	7.1
85 and over	1.0000	21,780	21,780	36,449	116,449	5.3
FEMALE						
0-1 .....	.0088	100,000	882	99,247	7,860,815	78.6
1-5 .....	.0017	99,118	171	99,063	7,761,568	78.3
5-10 .....	.0010	98,947	101	99,460	7,365,505	74.4
10-15 .....	.0010	98,846	100	99,014	6,871,045	69.5
15-20 .....	.0025	98,746	243	99,161	6,377,031	64.6
20-25 .....	.0027	98,503	264	99,867	5,883,870	59.7
25-30 .....	.0032	98,239	317	99,419	5,392,003	54.9
30-35 .....	.0043	97,922	416	98,618	4,901,584	50.1
35-40 .....	.0056	97,506	551	98,250	4,412,966	45.3
40-45 .....	.0084	96,955	817	98,884	3,926,716	40.5
45-50 .....	.0130	96,138	1,251	97,790	3,443,832	35.8
50-55 .....	.0213	94,887	2,022	96,694	2,966,042	31.3
55-60 .....	.0338	92,865	3,141	95,935	2,496,348	26.9
60-65 .....	.0523	89,724	4,694	93,568	2,039,413	22.7
65-70 .....	.0778	85,030	6,613	90,483	1,601,845	18.8
70-75 .....	.1183	78,417	9,280	87,076	1,192,362	15.2
75-80 .....	.1815	69,137	12,547	81,798	822,286	11.9
80-852898	56,590	16,402	70,090	506,488	9.0
85 and over	1.0000	40,188	40,188	56,398	263,398	6.6

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1989—Con.
(Page 2 of 4)

Age interval Period of life between two exact ages stated in years, race, and sex (1)	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
	Proportion of persons alive at beginning of age interval dying during interval (2)	Number living at beginning of age interval (3)	Number dying during age interval (4)	In the age interval (5)	In this and all subsequent age intervals (6)	Average number of years of life remaining at beginning of age interval (7)
x to $x + n$	nq_x	l_x	n^d_x	nL_x	T_x	e_x
WHITE						
0-1	0.0081	100,000	814	99,299	7,599,881	76.0
1-5 .....	.0017	99,186	170	996,346	7,500,582	75.6
5-10 .....	.0011	99,016	108	494,786	7,104,236	71.7
10-15 .....	.0013	98,908	124	494,304	6,609,450	66.8
15-20 .....	.0041	98,784	409	492,989	6,115,146	61.9
20-25 .....	.0049	98,375	487	490,673	5,622,157	57.2
25-30 .....	.0054	97,888	526	488,111	5,131,484	52.4
30-35 .....	.0064	97,362	625	485,282	4,643,373	47.7
35-40 .....	.0081	96,737	784	481,838	4,158,091	43.0
40-45 .....	.0110	95,953	1,055	477,322	3,676,253	38.3
45-50 .....	.0165	94,898	1,569	470,875	3,198,931	33.7
50-55 .....	.0265	93,329	2,474	460,874	2,728,056	29.2
55-60 .....	.0434	90,855	3,942	445,022	2,267,182	25.0
60-65 .....	.0675	86,913	5,863	420,746	1,822,160	21.0
65-70 .....	.0993	81,050	8,048	386,053	1,401,414	17.3
70-75 .....	.1494	73,002	10,906	338,750	1,015,361	13.9
75-80 .....	.2214	62,096	13,747	277,027	676,611	10.9
80-85 .....	.3331	48,349	16,105	201,747	399,584	8.3
85 and over	1.0000	32,244	32,244	197,837	197,837	6.1
WHITE, MALE						
0-1 .....	.0091	100,000	908	99,216	7,267,465	72.7
1-5 .....	.0019	99,092	187	395,936	7,168,249	72.3
5-10 .....	.0012	98,905	123	494,189	6,772,313	68.5
10-15 .....	.0016	98,782	154	493,635	6,278,124	63.6
15-20 .....	.0057	98,628	565	491,869	5,784,489	58.6
20-25 .....	.0075	98,063	731	488,512	5,292,620	54.0
25-30 .....	.0080	97,332	775	484,685	4,804,108	49.4
30-35 .....	.0093	96,557	898	480,862	4,319,423	44.7
35-40 .....	.0115	95,659	1,104	475,677	3,838,861	40.1
40-45 .....	.0147	94,555	1,394	469,545	3,363,184	35.6
45-50 .....	.0216	93,161	2,013	461,176	2,893,639	31.1
50-55 .....	.0338	91,148	3,080	448,564	2,432,463	26.7
55-60 .....	.0560	88,068	4,933	428,754	1,983,899	22.5
60-65 .....	.0875	83,135	7,275	398,491	1,555,145	18.7
65-70 .....	.1278	75,860	9,694	356,045	1,156,654	15.2
70-75 .....	.1919	66,166	12,696	299,881	800,609	12.1
75-80 .....	.2827	53,470	15,115	229,747	500,728	9.4
80-85 .....	.4108	38,355	15,756	151,476	270,981	7.1
85 and over	1.0000	22,599	22,599	119,505	119,505	5.3
WHITE, FEMALE						
0-1 .....	.0071	100,000	715	99,387	7,923,460	79.2
1-5 .....	.0015	99,285	151	396,777	7,824,073	78.8
5-10 .....	.0009	99,134	93	495,418	7,427,296	74.9
10-15 .....	.0009	99,041	93	495,008	6,931,878	70.0
15-20 .....	.0025	98,948	245	494,166	6,436,870	65.1
20-25 .....	.0024	98,703	237	492,927	5,942,704	60.2
25-30 .....	.0027	98,466	267	491,673	5,449,777	55.3
30-35 .....	.0035	98,199	341	490,181	4,958,104	50.5
35-40 .....	.0046	97,858	454	488,234	4,467,923	45.7
40-45 .....	.0073	97,404	710	485,380	3,979,689	40.9
45-50 .....	.0116	96,694	1,119	480,886	3,494,309	36.1
50-55 .....	.0195	95,575	1,862	473,525	3,013,423	31.5
55-60 .....	.0316	93,713	2,957	461,629	2,539,898	27.1
60-65 .....	.0493	90,756	4,478	443,269	2,078,269	22.9
65-70 .....	.0746	86,278	6,439	416,182	1,635,000	19.0
70-75 .....	.1155	79,839	9,220	377,392	1,218,818	15.3
75-80 .....	.1788	70,619	12,628	323,122	841,426	11.9
80-852877	57,991	16,685	249,482	518,304	8.9
85 and over	1.0000	41,306	41,306	268,822	268,822	6.5

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1989—Con.
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Age interval Period of life between two exact ages stated in years, race, and sex (1)	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
	Proportion of persons alive at beginning of age interval dying during interval (2)	Number living at beginning of age interval (3)	Number dying during age interval (4)	In the age interval (5)	In this and all subsequent age intervals (6)	Average number of years of life remaining at beginning of age interval (7)
x to $x + n$	nq_x	l_x	n^d_x	n^L_x	T_x	e_x
ALL OTHER						
0-1	0.0163	100,000	1,630	98,610	7,124,869	71.2
1-5 .....	.0028	98,370	279	392,825	7,026,259	71.4
5-10 .....	.0016	98,091	155	490,026	6,633,434	67.6
10-15 .....	.0017	97,936	163	489,339	6,143,408	62.7
15-20 .....	.0052	97,773	509	487,734	5,654,069	57.8
20-25 .....	.0085	97,264	827	484,369	5,166,335	53.1
25-30 .....	.0103	96,437	992	479,777	4,681,866	48.5
30-35 .....	.0136	95,445	1,298	474,092	4,202,189	44.0
35-40 .....	.0183	94,147	1,722	466,664	3,728,097	39.6
40-45 .....	.0235	92,425	2,167	457,035	3,261,433	35.3
45-50 .....	.0317	90,258	2,863	444,567	2,804,398	31.1
50-55 .....	.0455	87,395	3,975	427,537	2,359,831	27.0
55-60 .....	.0653	83,420	5,450	404,033	1,932,294	23.2
60-65 .....	.0941	77,970	7,340	372,110	1,528,261	19.6
65-70 .....	.1286	70,630	9,085	330,995	1,156,151	16.4
70-75 .....	.1760	61,545	10,832	281,159	825,156	13.4
75-80 .....	.2420	50,713	12,272	223,032	543,997	10.7
80-85 .....	.3530	38,441	13,568	158,038	320,965	8.3
85 and over	1.0000	24,873	24,873	162,927	162,927	6.6
ALL OTHER, MALE						
0-1 .....	.0176	100,000	1,757	98,495	6,712,872	67.1
1-5 .....	.0031	98,243	305	392,266	6,614,377	67.3
5-10 .....	.0018	97,938	175	489,208	6,222,111	63.5
10-15 .....	.0020	97,763	198	488,419	5,732,903	58.6
15-20 .....	.0080	97,565	776	486,126	5,244,484	53.8
20-25 .....	.0132	96,789	1,282	480,934	4,758,358	49.2
25-30 .....	.0153	95,507	1,460	473,976	4,277,424	44.8
30-35 .....	.0197	94,047	1,857	465,716	3,803,448	40.4
35-40 .....	.0269	92,190	2,477	455,040	3,337,732	36.2
40-45 .....	.0335	89,713	3,002	441,477	2,882,692	32.1
45-50 .....	.0439	86,711	3,810	424,590	2,441,215	28.2
50-55 .....	.0617	82,901	5,114	402,316	2,016,625	24.3
55-60 .....	.0860	77,787	6,688	372,790	1,614,309	20.8
60-65 .....	.1194	71,099	8,490	334,833	1,241,529	17.5
65-70 .....	.1620	62,609	10,141	288,041	906,696	14.5
70-75 .....	.2202	52,468	11,555	233,598	618,655	11.8
75-80 .....	.2951	40,913	12,075	174,097	385,057	9.4
80-85 .....	.4182	28,838	12,061	113,306	210,960	7.3
85 and over	1.0000	16,777	16,777	97,654	97,654	5.8
ALL OTHER, FEMALE						
0-1 .....	.0150	100,000	1,499	98,729	7,522,063	75.2
1-5 .....	.0026	98,501	253	393,400	7,423,334	75.4
5-10 .....	.0014	98,248	134	490,870	7,029,934	71.6
10-15 .....	.0013	98,114	126	490,287	6,539,064	66.6
15-20 .....	.0024	97,988	232	489,408	6,048,777	61.7
20-25 .....	.0039	97,756	386	487,869	5,559,369	56.9
25-30 .....	.0057	97,370	552	485,528	5,071,500	52.1
30-35 .....	.0080	96,818	775	482,252	4,585,972	47.4
35-40 .....	.0108	96,043	1,040	477,795	4,103,720	42.7
40-45 .....	.0150	95,003	1,421	471,704	3,625,925	38.2
45-50 .....	.0214	93,582	2,002	463,227	3,154,221	33.7
50-55 .....	.0318	91,580	2,912	451,010	2,690,994	29.4
55-60 .....	.0479	88,668	4,247	433,243	2,239,984	25.3
60-65 .....	.0731	84,421	6,169	407,330	1,806,741	21.4
65-70 .....	.1015	78,252	7,945	372,121	1,399,411	17.9
70-75 .....	.1425	70,307	10,017	327,335	1,027,290	14.6
75-80 .....	.2054	60,290	12,385	271,065	699,955	11.6
80-853188	47,905	15,031	202,207	428,890	9.0
85 and over	1.0000	32,874	32,874	226,683	226,683	6.9

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1989—Con.
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Age interval Period of life between two exact ages stated in years, race, and sex (1)	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
	Proportion of persons alive at beginning of age interval dying during interval (2)	Number living at beginning of age interval (3)	Number dying during age interval (4)	In the age interval (5)	In this and all subsequent age intervals (6)	Average number of years of life remaining at beginning of age interval (7)
x to $x+n$	nq_x	l_x	$n d_x$	nL_x	T_x	e_x
BLACK						
0-1	0.0186	100,000	1,863	98,999	6,923,552	69.2
1-5 .....	.0031	98,137	303	391,837	6,825,153	69.5
5-10 .....	.0017	97,834	167	488,707	6,433,316	65.8
10-15 .....	.0018	97,667	176	487,961	5,944,609	60.9
15-20 .....	.0056	97,491	550	486,237	5,456,648	56.0
20-25 .....	.0095	96,941	921	482,549	4,970,411	51.3
25-30 .....	.0118	96,020	1,134	477,367	4,487,662	46.7
30-35 .....	.0163	94,886	1,544	470,715	4,010,495	42.3
35-40 .....	.0221	93,342	2,067	462,017	3,539,780	37.9
40-45 .....	.0288	91,275	2,625	450,200	3,077,763	33.7
45-50 .....	.0380	88,650	3,366	435,325	2,627,563	29.6
50-55 .....	.0531	85,284	4,529	415,635	2,192,238	25.7
55-60 .....	.0747	80,755	6,031	389,270	1,776,603	22.0
60-65 .....	.1067	74,724	7,971	354,275	1,387,333	18.6
65-70 .....	.1445	66,753	9,648	310,162	1,033,058	15.5
70-75 .....	.1956	57,105	11,171	258,031	722,896	12.7
75-80 .....	.2672	45,934	12,273	199,018	464,865	10.1
80-85 .....	.3847	33,661	12,949	135,555	265,847	7.9
85 and over	1.0000	20,712	20,712	130,292	130,292	6.3
BLACK, MALE						
0-1 .....	.0200	100,000	2,004	98,275	6,484,736	64.8
1-5 .....	.0034	97,996	332	391,215	6,386,461	65.2
5-10 .....	.0020	97,664	192	487,788	5,995,246	61.4
10-15 .....	.0022	97,472	214	486,923	5,507,458	56.5
15-20 .....	.0088	97,258	855	484,424	5,020,535	51.6
20-25 .....	.0150	96,403	1,449	478,636	4,536,111	47.1
25-30 .....	.0177	94,954	1,681	470,701	4,057,475	42.7
30-35 .....	.0239	93,273	2,229	460,963	3,586,774	38.5
35-40 .....	.0332	91,044	3,023	447,995	3,125,811	34.3
40-45 .....	.0414	88,021	3,644	431,479	2,677,816	30.4
45-50 .....	.0534	84,377	4,507	411,229	2,246,337	26.6
50-55 .....	.0737	79,870	5,887	385,264	1,835,108	23.0
55-60 .....	.0980	73,983	7,253	352,333	1,449,844	19.6
60-65 .....	.1336	66,730	8,917	311,848	1,097,511	16.4
65-70 .....	.1816	57,813	10,501	263,083	785,663	13.6
70-75 .....	.2444	47,312	11,563	207,666	522,580	11.0
75-80 .....	.3261	35,749	11,658	149,139	314,914	8.8
80-85 .....	.4524	24,091	10,900	92,358	165,775	6.9
85 and over	1.0000	13,191	13,191	73,417	73,417	5.8
BLACK, FEMALE						
0-1 .....	.0172	100,000	1,717	98,527	7,351,437	73.5
1-5 .....	.0028	98,283	272	392,479	7,252,910	73.8
5-10 .....	.0014	98,011	141	489,661	6,860,431	70.0
10-15 .....	.0014	97,870	135	489,043	6,370,770	65.1
15-20 .....	.0024	97,735	237	488,135	5,881,727	60.2
20-25 .....	.0043	97,498	424	486,497	5,393,592	55.3
25-30 .....	.0065	97,074	626	483,882	4,907,095	50.6
30-35 .....	.0095	96,448	912	480,082	4,423,213	45.9
35-40 .....	.0127	95,536	1,215	474,846	3,943,131	41.3
40-45 .....	.0181	94,321	1,709	467,622	3,468,285	36.8
45-50 .....	.0252	92,612	2,337	457,586	3,000,663	32.4
50-55 .....	.0363	90,275	3,275	443,612	2,543,077	28.2
55-60 .....	.0547	87,000	4,757	423,662	2,099,465	24.1
60-65 .....	.0841	82,243	6,913	394,592	1,675,803	20.4
65-70 .....	.1142	75,330	8,600	355,876	1,281,211	17.0
70-75 .....	.1597	66,730	10,656	307,828	925,335	13.9
75-80 .....	.2280	56,074	12,783	248,925	617,507	11.0
80-853445	43,291	14,913	179,295	368,582	8.5
85 and over	1.0000	28,378	28,378	189,287	189,287	6.7

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Table 6-2. Number of Survivors at Single Years of Age, Out of 100,000 Born Alive, by Race and Sex: United States, 1989

Age	All races			White			All other						
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black			
							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	100,000
1	99,014	98,914	99,118	99,186	99,092	99,285	98,370	98,243	98,501	98,137	97,996	98,283	98,283
2	98,946	98,838	99,059	99,125	99,024	99,232	98,275	98,136	98,417	98,034	97,881	98,193	98,193
3	98,895	98,782	99,013	99,080	98,975	99,192	98,200	98,054	98,349	97,952	97,792	98,119	98,119
4	98,855	98,739	98,977	99,045	98,937	99,160	98,140	97,990	98,293	97,887	97,722	98,059	98,059
5	98,822	98,703	98,947	99,016	98,905	99,134	98,091	97,938	98,248	97,834	97,664	98,011	98,011
6	98,793	98,671	98,922	98,991	98,877	99,111	98,050	97,893	98,212	97,790	97,615	97,972	97,972
7	98,767	98,641	98,900	98,967	98,850	99,091	98,015	97,853	98,182	97,752	97,571	97,941	97,941
8	98,744	98,614	98,880	98,945	98,825	99,073	97,985	97,818	98,157	97,720	97,532	97,915	97,915
9	98,723	98,590	98,862	98,925	98,802	99,056	97,959	97,788	98,135	97,692	97,499	97,892	97,892
10	98,705	98,569	98,846	98,908	98,782	99,041	97,936	97,763	98,114	97,667	97,472	97,870	97,870
11	98,689	98,551	98,831	98,893	98,765	99,028	97,915	97,742	98,093	97,644	97,449	97,847	97,847
12	98,672	98,533	98,816	98,876	98,748	99,015	97,893	97,720	98,071	97,620	97,425	97,823	97,823
13	98,651	98,508	98,799	98,858	98,724	98,999	97,865	97,689	98,046	97,590	97,392	97,796	97,796
14	98,619	98,468	98,776	98,828	98,686	98,977	97,826	97,640	98,019	97,548	97,339	97,767	97,767
15	98,573	98,406	98,746	98,784	98,628	98,948	97,773	97,565	97,988	97,491	97,258	97,735	97,735
16	98,511	98,320	98,708	98,723	98,547	98,909	97,703	97,462	97,953	97,415	97,145	97,699	97,699
17	98,433	98,212	98,662	98,648	98,445	98,862	97,616	97,331	97,912	97,322	97,002	97,658	97,658
18	98,343	98,086	98,610	98,561	98,326	98,809	97,513	97,173	97,866	97,211	96,829	97,612	97,612
19	98,246	97,947	98,556	98,469	98,197	98,755	97,395	96,992	97,814	97,084	96,628	97,559	97,559
20	98,145	97,800	98,503	98,375	98,063	98,703	97,264	96,789	97,756	96,941	96,403	97,498	97,498
21	98,041	97,646	98,451	98,280	97,924	98,654	97,120	96,564	97,692	96,782	96,151	97,429	97,429
22	97,934	97,484	98,399	98,184	97,780	98,607	96,962	96,317	97,621	96,607	95,873	97,352	97,352
23	97,824	97,316	98,347	98,067	97,633	98,561	96,793	96,054	97,544	96,419	95,575	97,267	97,267
24	97,711	97,145	98,294	97,988	97,483	98,514	96,617	95,782	97,460	96,222	95,267	97,174	97,174
25	97,597	96,973	98,239	97,888	97,332	98,466	96,437	95,507	97,370	96,020	94,954	97,074	97,074
26	97,481	96,801	98,181	97,787	97,181	98,416	96,253	95,230	97,274	95,813	94,639	96,967	96,967
27	97,364	96,628	98,121	97,684	97,029	98,365	96,064	94,949	97,172	95,599	94,319	96,852	96,852
28	97,245	96,453	98,058	97,580	96,876	98,312	95,868	94,661	97,062	95,376	93,989	96,728	96,728
29	97,122	96,274	97,992	97,473	96,719	98,257	95,663	94,362	96,944	95,139	93,642	96,594	96,594
30	96,993	96,088	97,922	97,362	96,557	98,199	95,445	94,047	96,818	94,886	93,273	96,448	96,448
31	96,859	95,895	97,848	97,247	96,390	98,138	95,214	93,715	96,682	94,615	92,881	96,289	96,289
32	96,719	95,695	97,769	97,127	96,217	98,073	94,970	93,367	96,537	94,326	92,466	96,118	96,118
33	96,572	95,487	97,686	97,002	96,038	98,005	94,712	92,999	96,382	94,018	92,024	95,934	95,934
34	96,419	95,269	97,598	96,872	95,852	97,933	94,438	92,608	96,217	93,690	91,551	95,740	95,740
35	96,259	95,041	97,508	96,707	95,659	97,858	94,147	92,190	96,043	93,342	91,044	95,536	95,536
36	96,090	94,801	97,410	96,535	95,457	97,779	93,838	91,744	95,859	92,972	90,501	95,321	95,321
37	95,912	94,549	97,308	96,446	95,245	97,696	93,510	91,270	95,664	92,580	89,922	95,095	95,095
38	95,726	94,286	97,199	96,290	95,024	97,607	93,164	90,770	95,457	92,166	89,312	94,855	94,855
39	95,531	94,014	97,082	96,126	94,794	97,510	92,802	90,250	95,237	91,731	88,677	94,598	94,598
40	95,327	93,733	96,955	95,953	94,555	97,404	92,425	89,713	95,003	91,275	88,021	94,321	94,321
41	95,113	93,443	96,818	95,769	94,307	97,287	92,032	89,159	94,754	90,798	87,344	94,023	94,023
42	94,887	93,140	96,668	95,574	94,047	97,158	91,621	88,584	94,489	90,298	86,643	93,703	93,703
43	94,647	92,822	96,505	95,365	93,771	97,016	91,190	87,987	94,206	89,774	85,917	93,361	93,361
44	94,390	92,485	96,329	95,140	93,477	96,862	90,736	87,364	93,904	89,225	85,163	92,998	92,998
45	94,114	92,125	96,138	94,898	93,161	96,694	90,258	86,711	93,582	88,650	84,377	92,612	92,612
46	93,817	91,739	95,931	94,636	92,820	96,511	89,753	86,028	93,237	88,047	83,559	92,202	92,202
47	93,497	91,323	95,706	94,351	92,450	96,311	89,218	85,311	92,867	87,413	82,707	91,765	91,765
48	93,150	90,875	95,459	94,040	92,050	96,091	88,650	84,555	92,468	86,745	81,814	91,300	91,300
49	92,772	90,392	95,187	93,700	91,617	95,847	88,044	83,754	92,041	86,037	80,871	90,804	90,804
50	92,361	89,870	94,887	93,329	91,148	95,575	87,395	82,901	91,580	85,284	79,870	90,275	90,275
51	91,913	89,306	94,555	92,923	90,639	95,293	86,701	81,994	91,082	84,483	78,808	89,709	89,709
52	91,425	88,694	94,189	92,478	90,086	94,938	85,959	81,031	90,545	83,631	77,685	89,103	89,103
53	90,891	88,028	93,787	91,989	89,480	94,568	85,166	80,009	89,966	82,727	76,503	88,453	88,453
54	90,307	87,300	93,347	91,450	88,810	94,161	84,321	78,928	89,341	81,769	75,268	87,754	87,754
55	89,667	86,502	92,865	90,855	88,068	93,719	83,420	77,787	88,668	80,755	73,993	87,000	87,000
56	88,969	85,630	92,339	90,200	87,250	93,222	82,462	76,584	87,944	79,684	72,649	86,100	86,100
57	88,208	84,681	91,766	89,482	86,352	92,684	81,444	75,317	87,166	78,552	71,232	85,321	85,321
58	87,381	83,650	91,142	88,698	85,370	92,096	80,360	73,983	86,326	77,353	69,817	84,391	84,391
59	86,484	82,534	90,463	87,843	84,299	91,455	79,204	72,578	85,413	76,079	68,308	83,358	83,358
60	85,513	81,328	89,724	86,913	83,135	90,756	77,970	71,099	84,421	74,724	66,730	82,243	82,243
61	84,464	80,029	88,921	85,904	81,873	89,995	76,655	69,545	83,344	73,284	65,083	81,029	81,029
62	83,334	78,635	88,051	84,812	80,511	89,169	75,259	67,917	82,182	71,762	63,368	79,719	79,719
63	82,124	77,148	87,113	83,639	79,052	88,275	73,786	66,216	80,941	70,162	61,584	78,323	78,323
64	80,836	75,572	86,106	82,385	77,501	87,312	72,242	64,446	79,629	68,490	59,732	76,856	76,856
65	79,469	73,909	85,030	81,050	75,860	86,278	70,630	62,609	78,252	66,753	57,613	75,390	75,390
66	78,023	72,161	83,881	79,634	74,131	85,169	68,952	60,708	76,809	64,952	55,829	73,748	73,748
67	76,493	70,325	82,653	78,131	72,309	83,980	67,206	58,744	75,297	63,087	53,783	72,104	72,104
68	74,871	68,391	81,339	76,532	70,383	82,702	65,391	56,717	73,713	61,158	51,679	70,393	70,393
69	73,147	66,346	79,930	74,825	68,339	81,324	63,505	54,625	72,051	59,164	49,520	68,604	68,604
70	71,313	64,183	78,417	73,002	66,166	79,839	61,545	52,468	70,307	57,105	47,312	66,730	66,730
71	69,366	61,901	76,795	71,058	63,865	78,240	59,512	50,248	68,479	54,982	45,058	64,769	64,769
72	67,306	59,506	75,061	68,995	61,441	76,522	57,408	47,971	66,566	52,799	42,765	62,723	62,723
73	65,135	57,001	73,209	66,812	58,897	74,682	55,237	45,648	64,565	50,560	40,442	60,591	60,591
74	62,853	54,392	71,236	64,512	56,238	72,716	53,004	43,292	62,474	48,270	38,100	58,375	58,375
75	60,462	51,684	69,137	62,096	53,470	70,619	50,713	40,913	60,290	45,934	35,749	56,074	56,074
76	57,964	48,886	66,908	59,566	50,601	68,387	48,368	38,519	58,012	43,554	33,397	53,689	53,689
77	55,362	46,007	64,544	56,923	47,641	66,014	45,968						

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Table 6-3. Expectation of Life at Single Years of Age, by Race and Sex: United States, 1989

Age	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
0	75.3	71.8	78.6	76.0	72.7	79.2	71.2	67.1	75.2	69.2	64.8	73.5
1	75.0	71.6	78.3	75.6	72.3	78.8	71.4	67.3	75.4	69.5	65.2	73.8
2	74.1	70.7	77.4	74.7	71.4	77.8	70.5	66.4	74.4	68.6	64.2	72.9
3	73.1	69.7	76.4	73.7	70.4	76.9	69.5	65.5	73.5	67.7	63.3	71.9
4	72.1	68.7	75.4	72.7	69.5	75.9	68.6	64.5	72.5	66.7	62.3	71.0
5	71.1	67.8	74.4	71.7	68.5	74.9	67.6	63.5	71.6	65.8	61.4	70.0
6	70.2	66.8	73.5	70.8	67.5	73.9	66.7	62.6	70.6	64.8	60.4	69.0
7	69.2	65.8	72.5	69.8	66.5	73.0	65.7	61.6	69.6	63.8	59.4	68.0
8	68.2	64.8	71.5	68.8	65.5	72.0	64.7	60.6	68.6	62.8	58.5	67.1
9	67.2	63.8	70.5	67.8	64.5	71.0	63.7	59.6	67.6	61.9	57.5	66.1
10	66.2	62.8	69.5	66.8	63.6	70.0	62.7	58.6	66.6	60.9	56.5	65.1
11	65.2	61.9	68.5	65.8	62.6	69.0	61.7	57.7	65.7	59.9	55.5	64.1
12	64.3	60.9	67.5	64.8	61.6	68.0	60.8	56.7	64.7	58.9	54.5	63.1
13	63.3	59.9	66.5	63.9	60.6	67.0	59.8	55.7	63.7	57.9	53.5	62.1
14	62.3	58.9	65.6	62.9	59.6	66.0	58.8	54.7	62.7	56.9	52.6	61.2
15	61.3	57.9	64.6	61.9	58.6	65.1	57.8	53.8	61.7	56.0	51.6	60.2
16	60.4	57.0	63.6	60.9	57.7	64.1	56.9	52.8	60.8	55.0	50.7	59.2
17	59.4	56.1	62.6	60.0	56.8	63.1	55.9	51.9	59.8	54.1	49.8	58.2
18	58.5	55.1	61.7	59.0	55.8	62.1	55.0	51.0	58.8	53.1	48.8	57.3
19	57.5	54.2	60.7	58.1	54.9	61.2	54.0	50.1	57.8	52.2	47.9	56.3
20	56.6	53.3	59.7	57.2	54.0	60.2	53.1	49.2	56.9	51.3	47.1	55.3
21	55.6	52.4	58.8	56.2	53.0	59.2	52.2	48.3	55.9	50.4	46.2	54.4
22	54.7	51.5	57.8	55.3	52.1	58.3	51.3	47.4	54.9	49.4	45.3	53.4
23	53.8	50.5	56.8	54.3	51.2	57.3	50.4	46.5	54.0	48.5	44.4	52.4
24	52.8	49.6	55.9	53.4	50.3	56.3	49.5	45.6	53.0	47.6	43.6	51.5
25	51.9	48.7	54.9	52.4	49.4	55.3	48.5	44.8	52.1	46.7	42.7	50.6
26	50.9	47.8	53.9	51.5	48.4	54.4	47.6	43.9	51.1	45.8	41.9	49.6
27	50.0	46.9	53.0	50.5	47.5	53.4	46.7	43.0	50.2	44.9	41.0	48.7
28	49.1	46.0	52.0	49.6	46.6	52.4	45.8	42.2	49.2	44.0	40.2	47.7
29	48.1	45.1	51.0	48.6	45.7	51.5	44.9	41.3	48.3	43.2	39.3	46.8
30	47.2	44.1	50.1	47.7	44.7	50.5	44.0	40.4	47.4	42.3	38.5	45.9
31	46.2	43.2	49.1	46.7	43.8	49.5	43.1	39.5	46.4	41.4	37.6	44.9
32	45.3	42.3	48.1	45.8	42.9	48.6	42.2	38.7	45.5	40.5	36.8	44.0
33	44.4	41.4	47.2	44.9	42.0	47.6	41.4	37.9	44.6	39.6	36.0	43.1
34	43.5	40.5	46.2	43.9	41.0	46.6	40.5	37.0	43.6	38.8	35.1	42.2
35	42.5	39.6	45.3	43.0	40.1	45.7	39.6	36.2	42.7	37.9	34.3	41.3
36	41.6	38.7	44.3	42.0	39.2	44.7	38.7	35.4	41.8	37.1	33.5	40.4
37	40.7	37.8	43.3	41.1	38.3	43.7	37.9	34.6	40.9	36.2	32.7	39.5
38	39.8	36.9	42.4	40.2	37.4	42.8	37.0	33.7	40.0	35.4	32.0	38.6
39	38.8	36.0	41.4	39.2	36.5	41.8	36.1	32.9	39.1	34.6	31.2	37.7
40	37.9	35.1	40.5	38.3	35.6	40.9	35.3	32.1	38.2	33.7	30.4	36.8
41	37.0	34.2	39.6	37.4	34.7	39.9	34.4	31.3	37.3	32.9	29.7	35.9
42	36.1	33.3	38.6	36.5	33.8	39.0	33.6	30.5	36.4	32.1	28.9	35.0
43	35.2	32.5	37.7	35.5	32.9	38.0	32.7	29.7	35.5	31.3	28.1	34.1
44	34.3	31.6	36.7	34.6	32.0	37.1	31.9	28.9	34.6	30.4	27.4	33.3
45	33.4	30.7	35.8	33.7	31.1	36.1	31.1	28.2	33.7	29.6	26.6	32.4
46	32.5	29.8	34.9	32.8	30.2	35.2	30.2	27.4	32.8	28.8	25.9	31.5
47	31.6	28.9	34.0	31.9	29.3	34.3	29.4	26.6	32.0	28.0	25.1	30.7
48	30.7	28.1	33.1	31.0	28.4	33.4	28.6	25.8	31.1	27.3	24.4	29.8
49	29.8	27.2	32.2	30.1	27.5	32.4	27.8	25.1	30.2	26.5	23.7	29.0
50	28.9	26.4	31.3	29.2	26.7	31.5	27.0	24.3	29.4	25.7	23.0	28.2
51	28.1	25.6	30.4	28.4	25.8	30.6	26.2	23.6	28.5	24.9	22.3	27.3
52	27.2	24.7	29.5	27.5	25.0	29.7	25.4	22.9	27.7	24.2	21.6	26.5
53	26.4	23.9	28.6	26.6	24.2	28.8	24.7	22.1	26.9	23.5	20.9	25.7
54	25.6	23.1	27.7	25.8	23.3	28.0	23.9	21.4	26.1	22.7	20.3	24.9
55	24.7	22.3	26.9	25.0	22.5	27.1	23.2	20.8	25.3	22.0	19.6	24.1
56	23.9	21.5	26.0	24.1	21.7	26.2	22.4	20.1	24.5	21.3	18.9	23.4
57	23.1	20.8	25.2	23.3	21.0	25.4	21.7	19.4	23.7	20.6	18.3	22.6
58	22.3	20.0	24.4	22.5	20.2	24.6	21.0	18.7	22.9	19.9	17.7	21.8
59	21.6	19.3	23.5	21.7	19.4	23.7	20.3	18.1	22.1	19.2	17.1	21.1
60	20.8	18.6	22.7	21.0	18.7	22.9	19.6	17.5	21.4	18.6	16.4	20.4
61	20.1	17.9	21.9	20.2	18.0	22.1	18.9	16.8	20.7	17.9	15.9	19.7
62	19.3	17.2	21.1	19.5	17.3	21.3	18.3	16.2	20.0	17.3	15.3	19.0
63	18.6	16.5	20.4	18.7	16.6	20.5	17.6	15.6	19.3	16.7	14.7	18.3
64	17.9	15.8	19.6	18.0	15.9	19.7	17.0	15.1	18.6	16.1	14.1	17.7
65	17.2	15.2	18.8	17.3	15.2	19.0	16.4	14.5	17.9	15.5	13.6	17.0
66	16.5	14.5	18.1	16.6	14.6	18.2	15.8	13.9	17.2	14.9	13.1	16.4
67	15.8	13.9	17.4	15.9	13.9	17.4	15.2	13.4	16.5	14.3	12.5	15.7
68	15.2	13.3	16.6	15.2	13.3	16.7	14.6	12.8	15.9	13.8	12.0	15.1
69	14.5	12.7	15.9	14.6	12.7	16.0	14.0	12.3	15.2	13.2	11.5	14.5
70	13.9	12.1	15.2	13.9	12.1	15.3	13.4	11.8	14.6	12.7	11.0	13.9
71	13.2	11.5	14.5	13.3	11.5	14.6	12.8	11.3	14.0	12.1	10.6	13.3
72	12.6	10.9	13.8	12.7	11.0	13.9	12.3	10.8	13.4	11.6	10.1	12.7
73	12.0	10.4	13.2	12.1	10.4	13.2	11.8	10.3	12.8	11.1	9.7	12.1
74	11.5	9.9	12.5	11.5	9.9	12.6	11.2	9.9	12.2	10.6	9.2	11.6
75	10.9	9.4	11.9	10.9	9.4	11.9	10.7	9.4	11.6	10.1	8.8	11.0
76	10.3	8.9	11.3	10.3	8.9	11.3	10.2	9.0	11.0	9.6	8.4	10.5
77	9.8	8.4	10.7	9.8	8.4	10.7	9.7	8.5	10.5	9.2	8.0	10.0
78	9.3	8.0	10.1	9.3	7.9	10.1	9.3	8.1	10.0	8.7	7.6	9.5
79	8.8	7.5	9.5	8.8	7.5	9.5	8.8	7.7	9.5	8.3	7.2	9.0
80	8.3	7.1	9.0	8.3	7.1	8.9	8.3	7.3	9.0	7.9	6.9	8.5
81	7.8	6.7	8.4	7.8	6.7	8.4	7.9	6.9	8.5	7.5	6.5	8.1
82	7.4	6.3	7.9	7.3	6.3	7.9	7.5	6.6	8.0	7.1	6.2	7.7
83	6.9	6.0	7.4	6.9	5.9	7.4	7.2	6.3	7.6	6.8	6.0	7.3
84	6.5	5.6	7.0	6.5	5.6	6.9	6.8	6.0	7.2	6.5	5.7	7.0
85	6.2	5.3	6.6	6.1	5.3	6.5	6.6	5.8	6.9	6.3	5.6	6.7

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1989

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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)									
	1989	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	99,014	98,740	97,998	97,407	97,024	95,290	94,028	92,515	88,538	87,552
5	98,822	98,495	97,668	96,998	96,482	94,220	91,978	83,389	83,887	81,804
10	98,705	98,347	97,460	96,765	96,177	93,710	91,106	86,129	82,458	80,052
15	98,573	98,196	97,261	96,551	95,885	93,235	90,385	87,144	81,506	78,963
20	98,145	97,741	96,716	96,111	95,366	92,435	89,089	85,441	80,074	77,239
25	97,597	97,110	96,000	95,517	94,676	91,335	87,269	83,146	78,046	74,768
30	96,993	96,477	95,307	94,905	93,919	90,078	85,302	80,642	75,779	72,043
35	96,259	95,808	94,482	94,144	92,976	88,573	83,118	77,961	73,127	69,078
40	95,327	94,926	93,322	93,064	91,648	86,650	80,557	75,114	70,042	65,890
45	94,114	93,599	91,587	91,378	89,634	84,069	77,343	72,036	66,561	62,436
50	92,361	91,526	88,972	88,756	86,591	80,487	73,321	68,429	62,460	58,514
55	89,667	88,348	85,110	84,711	82,176	75,557	68,182	63,947	57,555	53,852
60	85,513	83,726	79,529	79,067	75,921	68,924	61,563	58,079	51,138	47,946
65	79,469	77,107	71,933	71,147	67,555	60,366	53,195	50,560	43,194	40,911
70	71,313	68,248	61,984	60,857	56,987	49,655	42,768	41,090	33,816	32,390
75	60,462	56,799	49,705	48,170	43,903	36,735	30,789	29,729	23,552	22,960
80	46,951	43,180	35,285	33,576	29,313	22,883	18,580	18,298	13,712	13,529
85	31,231	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	98,914	98,607	97,755	97,087	96,661	94,762	93,440	91,745	87,505	86,426
5	98,703	98,333	97,395	96,643	96,077	93,624	91,294	88,505	82,718	80,548
10	98,569	98,160	97,151	96,375	95,726	93,054	90,346	87,184	81,249	78,775
15	98,406	97,972	96,904	96,107	95,366	92,508	89,561	86,156	80,261	77,681
20	97,800	97,316	96,126	95,491	94,695	91,617	88,220	84,440	78,792	75,984
25	96,973	96,361	95,040	94,631	93,731	90,385	86,359	82,252	76,675	73,472
30	96,088	95,430	94,072	93,826	92,961	89,009	84,346	79,890	74,378	70,747
35	95,041	94,501	92,997	92,889	91,760	87,371	82,075	77,514	71,614	67,752
40	93,733	93,345	91,541	91,572	90,207	85,246	79,357	74,432	68,297	64,447
45	92,125	91,649	89,369	89,492	87,819	82,336	75,882	71,244	64,518	60,949
50	89,870	89,007	86,070	86,199	84,158	78,254	71,518	67,553	60,118	56,736
55	86,502	84,936	81,139	81,039	78,781	72,627	65,981	62,965	54,970	51,939
60	81,328	79,012	73,958	73,887	71,246	65,142	58,909	56,917	48,343	45,895
65	73,909	70,646	64,318	64,177	61,566	55,776	50,154	49,218	40,264	38,736
70	64,183	59,681	52,296	52,244	49,950	44,588	39,516	39,668	31,023	30,217
75	51,684	46,272	38,797	38,950	36,756	31,864	27,718	28,316	21,213	21,076
80	37,009	31,810	24,921	25,300	25,237	18,995	16,172	17,128	11,942	12,084
85	21,780	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	99,118	98,880	98,254	97,744	97,406	95,848	94,728	93,383	89,623	88,733
5	98,947	98,666	97,955	97,371	96,908	94,848	92,789	90,380	85,117	83,119
10	98,846	98,544	97,784	97,173	96,652	94,402	92,008	89,186	83,728	81,390
15	98,746	98,432	97,636	97,016	96,431	94,000	91,364	88,247	82,813	80,307
20	98,503	98,184	97,331	96,756	96,066	93,293	90,116	86,556	81,418	78,555
25	98,239	97,883	96,966	96,418	95,583	92,322	88,328	84,135	79,481	76,119
30	97,922	97,551	96,544	95,996	94,933	91,182	86,398	81,463	77,247	73,394
35	97,506	97,140	95,966	95,409	94,206	89,810	84,304	79,713	74,719	70,463
40	96,955	96,531	95,097	94,560	93,101	88,092	81,927	75,907	71,894	67,407
45	96,138	95,570	93,793	93,265	91,469	85,856	79,041	72,954	68,755	64,121
50	94,887	94,060	91,852	91,327	89,075	82,828	75,456	69,452	65,001	60,415
55	92,865	91,760	89,066	88,451	85,694	78,708	70,832	65,099	60,392	55,908
60	89,724	88,414	85,139	84,430	80,890	73,093	64,795	59,438	54,226	50,155
65	85,030	83,520	79,698	78,462	74,119	65,523	56,924	52,126	46,498	43,246
70	78,417	76,720	71,955	70,100	64,873	55,449	46,774	42,741	36,916	34,721
75	69,137	67,186	61,107	58,394	52,111	42,425	34,600	31,344	26,155	24,994
80	56,590	54,372	46,445	43,063	36,486	27,524	21,578	19,613	15,682	15,129
85	40,188	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	99,186	98,898	98,224	97,714	97,278	95,685	---	---	---	---
5	99,016	98,675	97,930	97,353	96,790	94,713	---	---	---	---
10	98,908	98,536	97,733	97,131	96,502	94,228	---	---	---	---
15	98,784	98,391	97,546	96,928	96,228	93,792	---	---	---	---
20	98,375	97,939	97,036	96,508	95,763	93,117	---	---	---	---
25	97,888	97,340	96,406	95,965	95,169	92,213	---	---	---	---
30	97,362	96,774	95,824	95,440	94,536	91,185	---	---	---	---
35	96,737	96,192	95,152	94,798	93,750	89,941	---	---	---	---
40	95,953	95,427	94,190	93,870	92,616	88,318	---	---	---	---
45	94,898	94,257	92,681	92,374	90,847	86,069	---	---	---	---
50	93,329	92,384	90,306	89,958	88,110	82,833	---	---	---	---
55	90,855	89,427	86,688	86,173	84,027	78,218	---	---	---	---
60	86,913	85,031	81,323	80,811	78,066	71,785	---	---	---	---
65	81,050	78,585	73,889	73,102	69,850	63,201	---	---	---	---
70	73,002	69,801	63,991	62,834	59,189	52,165	---	---	---	---
75	62,096	58,299	51,586	49,895	45,688	38,610	---	---	---	---
80	48,349	44,409	36,659	34,697	30,438	23,976	---	---	---	---
85	32,244	28,768	21,578	19,017	16,239	11,483	---	---	---	---

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1989—Con.

(Page 2 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 (e_x)									
	1989	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
ALL RACES										
0	75.3	73.88	70.75	69.89	68.07	63.62	59.20	56.40	51.49	49.24
1	75.0	73.82	71.19	70.75	69.16	65.76	61.94	59.94	57.11	55.20
5	71.1	70.00	67.43	67.04	65.54	62.49	59.29	57.99	56.21	54.98
10	66.2	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	42.5	41.43	39.07	38.51	37.31	35.30	33.68	33.89	31.90	31.92
40	37.9	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	28.9	27.94	25.93	25.29	24.40	22.98	22.06	22.50	20.98	21.26
55	24.7	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	6.2	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	67.8	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	18.6	17.46	15.99	15.94	15.68	14.99	14.62	15.22	13.95	14.33
65	15.2	14.21	12.99	12.93	12.74	12.07	11.72	12.20	11.24	11.50
70	12.1	11.35	10.39	10.33	10.11	9.45	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	6.94
80	7.1	6.80	6.27	6.13	6.04	5.44	5.27	5.49	5.10	5.11
85	5.3	5.13	4.73	4.39	4.41	4.11	4.02	4.10	3.90	3.82
FEMALE										
0	78.6	77.62	74.64	73.24	70.96	65.89	60.90	57.40	53.24	50.70
1	78.3	77.50	74.97	73.93	71.84	67.73	63.37	60.45	56.37	54.10
5	74.4	73.67	71.19	70.21	68.21	64.43	60.66	58.41	57.39	55.80
10	69.5	68.75	66.31	65.35	63.38	59.73	56.16	54.18	53.31	51.94
15	64.6	63.83	61.41	60.45	58.52	54.97	51.54	49.71	48.87	47.60
20	59.7	58.98	56.59	55.60	53.73	50.37	47.21	45.63	44.66	43.60
25	54.9	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	40.5	39.80	37.64	36.61	35.06	32.68	30.86	30.58	29.15	29.08
45	35.8	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	26.9	26.39	24.59	23.53	22.33	20.54	19.38	19.28	18.13	18.39
60	22.7	22.29	20.60	19.52	18.50	16.92	15.94	15.87	14.90	15.21
65	18.8	18.44	16.83	15.80	14.95	13.57	12.78	12.73	11.96	12.22
70	15.2	14.84	13.35	12.37	11.71	10.56	9.99	9.96	9.38	9.59
75	11.9	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	6.6	6.38	5.63	4.71	4.90	4.47	4.32	4.30	4.08	4.12
WHITE										
0	76.0	74.53	71.62	70.73	69.02	64.92	---	---	---	---
1	75.6	74.35	71.91	71.38	69.95	66.84	---	---	---	---
5	71.7	70.52	68.12	67.64	66.29	63.52	---	---	---	---
10	66.8	65.62	63.26	62.79	61.48	58.83	---	---	---	---
15	61.9	60.71	58.37	57.92	56.65	54.09	---	---	---	---
20	57.2	55.98	53.66	53.16	51.91	49.47	---	---	---	---
25	52.4	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	38.3	37.17	34.95	34.33	33.29	31.54	---	---	---	---
45	33.7	32.60	30.48	29.84	28.88	27.29	---	---	---	---
50	29.2	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	13.9	13.35	12.01	11.37	10.89	9.96	---	---	---	---
75	10.9	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	---	---	---	---

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1989—Con.

(Page 3 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 (<i>l_x</i>)									
	1989	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	99,092	98,769	97,994	97,408	96,931	95,188	93,768	91,975	87,674	86,655
5	98,905	98,519	97,671	97,015	96,403	94,150	91,738	88,842	82,972	80,864
10	98,782	98,357	97,441	96,758	96,069	93,601	90,810	87,530	81,519	79,109
15	98,628	98,176	97,208	96,503	95,728	93,089	90,074	86,546	80,549	78,037
20	98,063	97,525	96,480	95,908	95,104	92,293	88,904	84,997	79,116	76,376
25	97,332	96,616	95,524	95,106	94,294	91,241	87,371	83,061	77,047	73,907
30	96,557	95,783	94,716	94,401	93,489	90,092	85,707	80,888	74,810	71,219
35	95,659	94,980	93,843	93,589	92,543	88,713	83,812	78,441	72,108	68,245
40	94,555	93,984	92,631	92,427	91,173	86,880	81,457	75,733	68,848	64,954
45	93,161	92,494	90,725	90,533	89,002	84,285	78,345	72,696	65,115	61,369
50	91,148	90,105	87,690	87,424	85,601	80,521	74,288	69,107	60,741	57,274
55	88,068	86,303	83,001	82,463	80,496	75,156	68,981	64,574	55,622	52,491
60	83,135	80,625	75,969	75,485	73,172	67,787	61,933	58,498	48,987	46,452
65	75,860	72,393	66,343	65,834	63,541	58,305	52,964	50,663	40,862	39,245
70	66,166	61,384	54,138	53,825	51,735	46,739	41,880	40,873	31,527	30,640
75	53,470	47,712	40,324	40,207	38,104	33,404	29,471	29,205	21,585	21,387
80	38,355	32,788	25,885	25,993	24,005	19,860	17,221	17,655	12,160	12,266
85	22,599	18,538	13,527	13,065	12,015	9,013	7,572	6,154	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	99,285	99,035	98,468	98,036	97,645	96,211	95,037	93,608	89,774	88,939
5	99,134	98,841	98,203	97,709	97,199	95,309	93,216	90,721	85,349	83,426
10	99,041	98,725	98,042	97,525	96,960	94,890	92,466	89,564	83,979	81,723
15	98,948	98,618	97,902	97,375	96,756	94,534	91,894	88,712	83,093	80,680
20	98,703	98,374	97,618	97,135	96,454	93,984	90,939	87,281	81,750	78,978
25	98,466	98,093	97,299	96,844	96,072	93,228	89,524	85,163	79,865	76,588
30	98,199	97,802	96,945	96,499	95,605	92,320	87,972	82,740	77,676	73,887
35	97,858	97,445	96,474	96,026	94,977	91,211	86,248	80,206	75,200	70,971
40	97,404	96,913	95,762	95,326	94,080	89,805	84,256	77,624	72,425	67,935
45	96,694	96,065	94,649	94,228	92,725	87,920	81,780	74,871	69,341	64,677
50	95,575	94,710	92,924	92,522	90,685	85,267	78,572	71,547	65,629	61,005
55	93,713	92,594	90,383	89,967	87,699	81,520	74,321	67,323	61,053	56,509
60	90,756	89,451	86,726	86,339	83,279	76,200	68,462	61,704	54,900	50,752
65	86,278	84,764	81,579	80,739	76,773	68,701	60,489	54,299	47,086	43,806
70	79,839	78,139	74,101	72,507	67,545	59,363	49,932	44,638	37,462	35,206
75	70,619	68,712	63,290	60,461	54,397	44,685	37,024	32,777	26,569	25,362
80	57,991	55,770	48,182	44,676	38,026	28,882	23,053	20,482	15,929	15,349
85	41,306	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	98,370	98,097	96,909	95,732	95,407	---	---	---	---	---
5	98,091	97,756	96,400	95,051	94,482	---	---	---	---	---
10	97,936	97,568	96,126	94,745	94,060	---	---	---	---	---
15	97,773	97,387	95,964	94,460	93,646	---	---	---	---	---
20	97,264	96,913	95,101	93,880	92,738	---	---	---	---	---
25	96,437	96,107	93,792	92,325	91,321	---	---	---	---	---
30	95,445	95,088	92,309	91,699	89,584	---	---	---	---	---
35	94,147	93,870	90,470	90,046	87,402	---	---	---	---	---
40	92,425	92,245	87,964	87,766	84,478	---	---	---	---	---
45	90,258	89,928	84,575	84,501	80,507	---	---	---	---	---
50	87,395	86,525	80,046	80,172	74,876	---	---	---	---	---
55	83,420	81,732	74,150	73,993	67,660	---	---	---	---	---
60	77,970	75,300	66,775	65,795	58,593	---	---	---	---	---
65	70,630	67,179	57,797	56,038	48,649	---	---	---	---	---
70	61,545	57,635	47,542	45,434	38,616	---	---	---	---	---
75	50,713	46,362	35,987	34,531	28,968	---	---	---	---	---
80	38,441	34,558	25,215	24,815	20,003	---	---	---	---	---
85	24,873	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	98,243	97,939	96,592	95,301	94,911	91,696	---	---	---	---
5	97,938	97,559	96,038	94,570	93,921	89,920	---	---	---	---
10	97,763	97,337	95,716	94,234	93,453	89,211	---	---	---	---
15	97,565	97,113	95,385	93,874	92,965	88,417	---	---	---	---
20	96,789	96,431	94,293	93,108	91,941	86,770	---	---	---	---
25	95,507	95,200	92,267	91,825	90,285	84,055	---	---	---	---
30	94,047	93,666	90,106	90,270	88,327	80,865	---	---	---	---
35	92,190	91,891	87,597	88,331	85,940	77,185	---	---	---	---
40	89,713	89,645	84,378	85,744	82,832	72,830	---	---	---	---
45	86,711	86,578	80,163	82,075	78,686	67,514	---	---	---	---
50	82,901	82,153	74,748	77,239	72,891	60,766	---	---	---	---
55	77,787	76,019	67,808	70,351	65,122	52,867	---	---	---	---
60	71,099	68,093	59,396	61,669	55,535	44,370	---	---	---	---
65	62,609	58,517	49,607	51,392	45,198	35,912	---	---	---	---
70	52,468	47,796	39,025	39,914	35,018	27,688	---	---	---	---
75	40,913	36,191	27,789	29,064	25,472	19,765	---	---	---	---
80	28,838	24,969	17,999	19,894	16,904	12,352	---	---	---	---
85	16,777	14,454	10,811	11,620	9,898	6,492	---	---	---	---

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1989—Con.

(Page 4 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 (e_x)									
	1989	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	63.6	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	49.4	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	6.09	5.88	5.38	5.26	5.47	5.09	5.10
85	5.3	5.09	4.63	4.34	4.35	4.02	3.99	4.06	3.88	3.81
WHITE, FEMALE										
0	79.2	78.22	75.49	74.19	72.03	67.29	62.67	58.53	53.62	51.08
1	78.8	77.98	75.66	74.68	72.77	68.93	64.93	61.51	56.69	54.39
5	74.9	74.13	71.86	70.92	69.09	65.57	62.17	59.43	54.67	52.15
10	70.0	69.21	66.97	66.05	64.26	60.85	57.65	55.17	50.57	48.15
15	65.1	64.29	62.07	61.15	59.39	56.07	53.00	50.67	46.12	43.79
20	60.2	59.44	57.24	56.29	54.56	51.38	48.52	46.46	42.08	39.77
25	55.3	54.60	52.42	51.45	49.77	46.78	44.25	42.55	38.22	35.91
30	50.5	49.76	47.60	46.63	45.00	42.21	39.99	38.72	34.46	32.15
35	45.7	44.93	42.82	41.84	40.28	37.70	35.73	34.86	30.69	28.38
40	40.9	40.16	38.12	37.13	35.64	33.25	31.52	30.94	26.78	24.47
45	36.1	35.49	33.54	32.53	31.12	28.90	27.39	26.98	22.82	20.51
50	31.5	30.96	29.11	28.08	26.76	24.72	23.41	23.12	18.96	16.65
55	27.1	26.61	24.85	23.81	22.58	20.73	19.60	19.40	15.24	12.93
60	22.9	22.45	20.79	19.69	18.64	17.00	16.05	15.93	11.77	9.46
65	19.0	18.55	16.93	15.88	15.00	13.56	12.81	12.75	8.59	6.28
70	15.3	14.89	13.37	12.38	11.68	10.50	9.98	9.94	5.78	3.47
75	11.9	11.58	10.21	9.28	8.87	7.92	7.56	7.62	3.42	1.11
80	8.9	8.65	7.59	6.67	6.59	5.88	5.63	5.70	1.55	-0.16
85	6.5	6.32	5.54	4.66	4.83	4.34	4.24	4.24	0.10	-0.81
ALL OTHER										
0	71.2	69.84	64.95	63.91	60.73	---	---	---	---	---
1	71.4	70.19	66.02	65.75	62.65	---	---	---	---	---
5	67.6	66.43	62.36	62.21	59.25	---	---	---	---	---
10	62.7	61.56	57.53	57.41	54.50	---	---	---	---	---
15	57.8	56.67	52.68	52.57	49.73	---	---	---	---	---
20	53.1	51.93	48.08	47.88	45.19	---	---	---	---	---
25	48.5	47.34	43.71	43.35	40.85	---	---	---	---	---
30	44.0	42.82	39.37	38.89	36.59	---	---	---	---	---
35	39.6	38.34	35.12	34.56	32.44	---	---	---	---	---
40	35.3	33.97	31.05	30.39	28.48	---	---	---	---	---
45	31.1	29.78	27.19	26.46	24.75	---	---	---	---	---
50	27.0	25.85	23.58	22.74	21.38	---	---	---	---	---
55	23.2	22.21	20.24	19.45	18.41	---	---	---	---	---
60	19.6	18.88	17.19	16.53	15.87	---	---	---	---	---
65	16.4	15.86	14.47	13.96	13.59	---	---	---	---	---
70	13.4	13.06	12.04	11.63	11.48	---	---	---	---	---
75	10.7	10.61	10.09	9.52	9.48	---	---	---	---	---
80	8.3	8.38	8.36	7.28	7.62	---	---	---	---	---
85	6.6	6.63	6.62	5.27	5.79	---	---	---	---	---
ALL OTHER, MALE										
0	67.1	65.63	60.98	61.48	58.91	52.33	---	---	---	---
1	67.3	66.01	62.13	63.50	61.06	56.05	---	---	---	---
5	63.5	62.26	58.48	59.98	57.69	53.13	---	---	---	---
10	58.6	57.40	53.67	55.19	52.96	48.54	---	---	---	---
15	53.8	52.52	48.84	50.39	48.23	43.95	---	---	---	---
20	49.2	47.87	44.37	45.78	43.73	39.74	---	---	---	---
25	44.8	43.46	40.29	41.38	39.49	35.94	---	---	---	---
30	40.4	39.13	36.20	37.05	35.31	32.25	---	---	---	---
35	36.2	34.83	32.16	32.81	31.21	28.67	---	---	---	---
40	32.1	30.64	28.29	28.72	27.29	25.23	---	---	---	---
45	28.2	26.63	24.64	24.89	23.59	22.02	---	---	---	---
50	24.3	22.92	21.24	21.28	20.25	19.18	---	---	---	---
55	20.8	19.56	18.14	18.11	17.36	16.67	---	---	---	---
60	17.5	16.54	15.35	15.29	14.91	14.38	---	---	---	---
65	14.5	13.83	12.87	12.84	12.75	12.18	---	---	---	---
70	11.8	11.36	10.68	10.81	10.74	10.06	---	---	---	---
75	9.4	9.20	8.99	8.93	8.83	8.09	---	---	---	---
80	7.3	7.22	7.57	6.87	7.07	6.46	---	---	---	---
85	5.8	5.69	6.04	5.08	5.38	5.08	---	---	---	---

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1989—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 (<i>l_x</i>)									
	1989	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	100,000	---	---	---
1	98,501	98,261	97,235	96,172	95,913	95,318	93,318	---	---	---
5	98,248	97,958	96,772	95,543	95,055	91,710	---	---	---	---
10	98,114	97,806	96,546	95,265	94,679	91,092	---	---	---	---
15	97,988	97,669	96,353	95,057	94,343	90,363	---	---	---	---
20	97,756	97,404	95,917	94,660	93,544	89,505	---	---	---	---
25	97,370	96,996	95,247	94,005	92,336	85,961	---	---	---	---
30	96,818	95,441	94,370	93,070	90,799	83,147	---	---	---	---
35	96,043	95,719	93,123	91,670	88,805	79,879	---	---	---	---
40	95,003	94,646	91,247	89,676	86,052	75,908	---	---	---	---
45	93,582	93,009	88,608	86,793	82,257	71,061	---	---	---	---
50	91,580	90,523	84,964	82,979	77,007	64,886	---	---	---	---
55	89,869	86,951	80,162	77,362	70,196	57,419	---	---	---	---
60	84,421	82,000	73,984	69,941	61,758	49,102	---	---	---	---
65	78,252	75,982	66,064	60,825	52,358	40,718	---	---	---	---
70	70,907	67,147	56,375	51,274	42,612	32,579	---	---	---	---
75	60,290	56,499	44,841	40,540	32,981	24,668	---	---	---	---
80	47,905	44,378	33,373	30,315	23,712	17,157	---	---	---	---
85	32,874	30,543	22,763	19,744	15,550	10,658	---	---	---	---
BLACK										
0	100,000	100,000	100,000	---	---	100,000	---	---	---	---
1	98,137	97,885	96,731	---	---	92,584	---	---	---	---
5	97,834	97,522	96,207	---	---	90,983	---	---	---	---
10	97,667	97,322	95,928	---	---	90,339	---	---	---	---
15	97,491	97,134	95,661	---	---	89,591	---	---	---	---
20	96,941	96,652	94,887	---	---	87,839	---	---	---	---
25	96,020	95,804	93,513	---	---	85,210	---	---	---	---
30	94,886	94,680	91,934	---	---	82,194	---	---	---	---
35	93,342	93,288	89,977	---	---	78,683	---	---	---	---
40	91,275	91,439	87,304	---	---	74,466	---	---	---	---
45	88,650	88,834	83,700	---	---	69,284	---	---	---	---
50	85,284	85,044	78,938	---	---	62,702	---	---	---	---
55	80,755	79,816	72,826	---	---	54,846	---	---	---	---
60	74,724	72,913	65,250	---	---	46,318	---	---	---	---
65	66,753	64,391	56,102	---	---	37,838	---	---	---	---
70	57,105	54,617	45,785	---	---	29,654	---	---	---	---
75	45,934	43,274	34,262	---	---	21,798	---	---	---	---
80	33,661	31,711	23,710	---	---	14,408	---	---	---	---
85	20,712	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	97,996	97,703	96,394	---	---	91,772	91,268	89,499	78,065	74,674
5	97,664	97,300	95,826	---	---	90,082	88,412	85,195	68,589	64,385
10	97,472	97,061	95,497	---	---	89,393	87,311	83,768	66,377	61,730
15	97,258	96,826	95,161	---	---	88,610	86,152	82,332	64,478	59,667
20	96,403	96,132	94,053	---	---	86,968	83,621	79,057	61,426	56,733
25	94,954	94,827	91,904	---	---	84,227	79,516	74,540	57,736	53,285
30	93,273	93,125	89,584	---	---	80,979	75,083	70,344	54,073	49,867
35	91,044	91,080	86,885	---	---	77,221	70,049	65,873	49,865	46,541
40	88,021	88,490	83,441	---	---	72,780	64,710	61,353	45,414	42,989
45	84,377	84,997	78,976	---	---	67,346	58,432	56,589	40,563	39,230
50	79,870	80,065	73,282	---	---	60,495	51,748	51,880	35,427	34,766
55	73,983	73,413	66,101	---	---	52,426	44,436	46,581	29,754	29,987
60	66,730	64,980	57,457	---	---	43,833	36,790	40,506	23,750	24,194
65	57,813	55,061	47,485	---	---	35,371	29,314	34,042	17,806	19,015
70	47,312	44,213	36,925	---	---	27,236	21,741	26,923	12,295	13,829
75	35,749	32,717	25,921	---	---	19,456	14,419	18,854	7,494	8,892
80	24,091	22,017	16,560	---	---	12,186	8,239	11,615	3,894	4,831
85	13,191	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	98,283	98,073	97,076	---	---	93,416	92,796	91,251	81,493	78,525
5	98,011	97,751	96,598	---	---	91,906	90,185	87,149	72,768	68,056
10	97,870	97,590	96,369	---	---	91,308	89,201	85,607	70,508	65,111
15	97,735	97,450	96,172	---	---	90,594	88,088	83,954	68,218	62,384
20	97,498	97,180	95,729	---	---	88,736	85,078	80,154	64,764	59,053
25	97,074	96,754	95,035	---	---	86,198	81,067	75,359	61,430	55,795
30	96,448	96,150	94,114	---	---	83,384	76,816	70,633	58,281	52,773
35	95,536	95,338	92,807	---	---	80,092	72,192	65,857	54,595	49,567
40	94,321	94,137	90,817	---	---	76,084	67,271	61,130	50,568	46,146
45	92,612	92,322	88,001	---	---	71,157	61,365	56,230	45,947	42,279
50	90,275	89,563	84,168	---	---	64,885	54,920	50,780	40,886	37,681
55	87,000	85,653	79,177	---	---	57,314	47,074	44,742	35,415	33,124
60	82,243	80,293	72,820	---	---	48,928	38,761	37,954	28,908	27,524
65	75,330	73,266	64,716	---	---	40,504	30,852	31,044	22,302	21,995
70	66,730	64,729	54,873	---	---	32,354	23,341	24,107	15,871	16,140
75	56,074	53,831	43,193	---	---	24,502	16,576	17,216	10,657	11,066
80	43,291	41,686	31,756	---	---	17,039	10,822	11,151	6,324	6,708
85	28,378	28,004	21,358	---	---	10,622	6,033	5,972	3,029	3,567

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1989—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 (e _x)									
	1989	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	75.4	74.31	70.01	68.10	64.37	58.47	---	---	---	---
5	71.6	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	56.9	55.88	51.85	50.07	46.77	42.14	---	---	---	---
25	52.1	51.11	47.19	45.40	42.35	38.31	---	---	---	---
30	47.4	46.39	42.61	40.83	38.02	34.52	---	---	---	---
35	42.7	41.72	38.14	36.41	33.82	30.83	---	---	---	---
40	38.2	37.16	33.87	32.16	29.82	27.31	---	---	---	---
45	33.7	32.77	29.80	28.14	26.07	24.00	---	---	---	---
50	29.4	28.59	25.97	24.31	22.67	21.04	---	---	---	---
55	25.3	24.66	22.37	20.89	19.62	18.44	---	---	---	---
60	21.4	20.99	19.02	17.83	16.95	16.14	---	---	---	---
65	17.9	17.60	15.99	15.12	14.54	13.95	---	---	---	---
70	14.6	14.44	13.30	12.46	12.29	11.81	---	---	---	---
75	11.6	11.68	11.06	10.10	10.15	9.80	---	---	---	---
80	9.0	9.17	9.01	7.66	8.15	8.00	---	---	---	---
85	6.9	7.19	7.07	5.44	6.15	6.38	---	---	---	---
BLACK										
0	69.2	68.52	64.11	---	---	53.85	---	---	---	---
1	69.5	68.99	65.27	---	---	57.15	---	---	---	---
5	65.8	65.25	61.62	---	---	54.13	---	---	---	---
10	60.9	60.38	56.79	---	---	49.50	---	---	---	---
15	56.0	55.49	51.94	---	---	44.89	---	---	---	---
20	51.3	50.75	47.34	---	---	40.73	---	---	---	---
25	46.7	46.18	43.00	---	---	36.91	---	---	---	---
30	42.3	41.69	38.70	---	---	33.17	---	---	---	---
35	37.9	37.28	34.48	---	---	29.53	---	---	---	---
40	33.7	32.98	30.46	---	---	26.06	---	---	---	---
45	29.6	28.87	26.65	---	---	22.82	---	---	---	---
50	25.7	25.03	23.11	---	---	19.94	---	---	---	---
55	22.0	21.50	19.83	---	---	17.43	---	---	---	---
60	18.6	18.29	16.83	---	---	15.18	---	---	---	---
65	15.5	15.37	14.16	---	---	13.02	---	---	---	---
70	12.7	12.67	11.77	---	---	10.93	---	---	---	---
75	10.1	10.32	9.89	---	---	8.97	---	---	---	---
80	7.9	8.17	8.20	---	---	7.31	---	---	---	---
85	6.3	6.54	6.54	---	---	5.91	---	---	---	---
BLACK, MALE										
0	64.8	64.10	60.00	---	---	52.26	47.55	47.14	34.05	32.54
1	65.2	64.60	61.24	---	---	55.93	51.08	51.63	42.53	42.46
5	61.4	60.86	57.60	---	---	52.95	48.69	50.18	44.25	45.06
10	56.5	56.01	52.79	---	---	48.34	44.27	45.99	40.65	41.90
15	51.6	51.14	47.96	---	---	43.74	39.83	41.75	36.77	38.28
20	47.1	46.48	43.49	---	---	39.52	35.95	38.36	33.46	35.11
25	42.7	42.09	39.45	---	---	35.72	32.67	35.54	30.44	32.21
30	38.5	37.81	35.40	---	---	32.05	29.45	32.51	27.33	29.25
35	34.3	33.60	31.42	---	---	28.48	26.39	29.54	24.42	26.16
40	30.4	29.51	27.61	---	---	25.06	23.36	26.53	21.57	23.12
45	26.6	25.61	24.03	---	---	21.88	20.59	23.55	18.85	20.09
50	23.0	22.03	20.69	---	---	19.06	17.92	20.47	16.21	17.34
55	19.6	18.79	17.66	---	---	16.60	15.46	17.50	13.82	14.69
60	16.4	15.89	14.93	---	---	14.37	13.15	14.74	11.67	12.62
65	13.6	13.29	12.53	---	---	12.21	10.87	12.07	9.74	10.38
70	11.0	10.94	10.40	---	---	10.11	8.78	9.58	8.00	8.33
75	8.8	8.90	8.76	---	---	8.17	6.99	7.61	6.58	6.60
80	6.9	7.03	7.35	---	---	6.58	5.42	5.83	5.53	5.12
85	5.6	5.61	5.92	---	---	5.34	4.30	4.53	4.48	4.04
BLACK, FEMALE										
0	73.5	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	24.1	24.00	21.97	---	---	18.38	16.27	17.09	14.98	15.88
60	20.4	20.42	18.66	---	---	16.10	14.22	14.69	12.78	13.60
65	17.0	17.13	15.67	---	---	13.95	12.24	12.41	10.82	11.58
70	13.9	14.05	13.02	---	---	11.82	10.38	10.25	9.22	9.82
75	11.0	11.37	10.85	---	---	9.81	8.62	8.37	7.55	7.90
80	8.5	8.95	8.87	---	---	8.02	6.90	6.58	6.05	6.48
85	6.7	7.09	7.00	---	---	6.41	5.48	5.22	5.09	5.10

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Table 6-5. Estimated Average Length of Life in Years, by Race and Sex: Death-Registration States, 1900-28, and United States, 1929-89

1929-89
(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						
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black			
							Both sexes	Male	Female	Both sexes	Male	Female	
UNITED STATES ¹													
1989	75.3	71.8	78.6	76.0	72.7	79.2	71.2	67.1	75.2	69.2	64.8	73.5	
1988	74.9	71.5	78.3	75.6	72.3	78.9	71.2	67.1	75.1	69.2	64.9	73.4	
1987	75.0	71.5	78.4	75.6	72.2	78.9	71.3	67.3	75.2	69.4	65.2	73.6	
1986	74.8	71.3	78.3	75.4	72.0	78.8	71.2	67.2	75.1	69.4	65.2	73.5	
1985	74.7	71.2	78.2	75.3	71.9	78.7	71.2	67.2	75.0	69.5	65.3	73.5	
1984	74.7	71.2	78.2	75.3	71.8	78.7	71.3	67.4	75.0	69.7	65.6	73.7	
1983	74.6	71.0	78.1	75.2	71.7	78.7	71.1	67.2	74.9	69.6	65.4	73.6	
1982	74.5	70.9	78.1	75.1	71.5	78.7	71.0	66.8	75.0	69.4	65.1	73.7	
1981	74.2	70.4	77.8	74.8	71.1	78.4	70.3	66.1	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 ²	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 ³	69.9	66.6	73.4	70.8	67.4	74.4	63.7	61.0	66.6	---	---	---	
1962 ³	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	55.6	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	---	---	---	

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Table 6-5. Estimated Average Length of Life in Years, by Race and Sex: Death-Registration States, 1900-28, and United States, 1929-89—Con.

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[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					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							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 Deaths based on a 50-percent sample.

³ 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 1989 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 Trust Territory of the Pacific Islands. 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 shown regularly 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 with computer tapes of data coded according to NCHS specifications and provided to NCHS through the Vital Statistics Cooperative Program. 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 non-medical data on tape.

1971	Florida	1977	Alaska Idaho Massachusetts New York City Ohio Puerto Rico
1972	Maine Missouri New Hampshire Rhode Island Vermont	1978	Indiana Utah Washington
1973	Colorado Michigan New York (except New York City)	1979	Connecticut Hawaii Mississippi New Jersey Pennsylvania Wyoming
1974	Illinois Iowa Kansas Montana Nebraska Oregon South Carolina	1980	Arkansas New Mexico South Dakota
1975	Louisiana Maryland North Carolina Oklahoma Tennessee Virginia Wisconsin	1982	North Dakota
1976	Alabama Kentucky Minnesota Nevada Texas West Virginia	1985	Arizona California Delaware Georgia District of Columbia

For the Virgin Islands and Guam, mortality statistics for 1989 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. For 1989 Georgia, Indiana, Maine, and Wisconsin submitted precoded medical data on computer tape for part of the year. NCHS contracted with Colorado, Kansas, and

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Mississippi to precode medical data for all deaths on computer tape for the five States added in 1988. Vermont subcontracted with Pennsylvania to code its medical data.

1974	1984
Iowa	Maryland
Michigan	New York State (except New York City)
	Vermont
1975	1986
Louisiana	California
Nebraska	Florida
North Carolina	Texas
Virginia	
Wisconsin	
1980	1988
Colorado	Alaska
Kansas	Delaware
Massachusetts	Idaho
Mississippi	North Dakota
New Hampshire	Wyoming
Pennsylvania	
South Carolina	
1981	1989
Maine	Georgia
	Indiana
	Washington
1983	
Minnesota	

For 1989 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 medical data coded according to NCHS specifications. In addition, Georgia, Indiana, Maine, and Wisconsin submitted copies of the original certificates from which NCHS coded the medical data for part of the year. 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. Sampling variation associated with the 50-percent sample is described below in the section "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 from State registration offices, except registration offices in New York State (excluding New York City), which submitted

State-coded data in 1989. Fetal-death data are not published by NCHS for the Virgin Islands and Guam.

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 January 1, 1989. The U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death are shown 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 about the Hispanic origin of the decedent. A number of States had included a 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 recording deaths. Originally consisting of two States (Massachusetts and New Jersey), the District of Columbia, and several large cities having efficient systems for death regis-

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FIGURE 7-A. U.S. Standard Certificate of Death

TYPE/PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE OTHER SIDE AND HANDBOOK		LOCAL FILE NUMBER		U.S. STANDARD CERTIFICATE OF DEATH				STATE FILE NUMBER		
DECEDENT PARENTS INFORMANT DISPOSITION PRONOUNCING PHYSICIAN ONLY	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: <input type="checkbox"/> Inpatient <input type="checkbox"/> ER/Outpatient <input type="checkbox"/> DOA OTHER: <input type="checkbox"/> Nursing Home <input type="checkbox"/> Residence <input type="checkbox"/> 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			
	13a. 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.) <input type="checkbox"/> No <input type="checkbox"/> Yes		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+)	
	17. FATHER'S NAME (First, Middle, Last)				18. MOTHER'S NAME (First, Middle, Maiden Surname)					
	19a. INFORMANT'S NAME (Type/Print)				19b. MAILING ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)					
	DISPOSITION PRONOUNCING PHYSICIAN ONLY	20a. METHOD OF DISPOSITION <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Removal from State <input type="checkbox"/> Donation <input type="checkbox"/> 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					
23a. To the best of my knowledge, death occurred at the time, date, and place stated.			23b. LICENSE NUMBER		23c. DATE SIGNED (Month, Day, Year)					
24. TIME OF DEATH M			25. DATE PRONOUNCED DEAD (Month, Day, Year)		26. WAS CASE REFERRED TO MEDICAL EXAMINER/CORONER? (Yes or no)					
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. IMMEDIATE CAUSE (Final disease or condition resulting in death) → a. _____ DUE TO (OR AS A CONSEQUENCE OF): b. _____ DUE TO (OR AS A CONSEQUENCE OF): c. _____ DUE TO (OR AS A CONSEQUENCE OF): d. _____ 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							Approximate Interval Between Onset and Death		
	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 <input type="checkbox"/> Natural <input type="checkbox"/> Pending Investigation <input type="checkbox"/> Accident <input type="checkbox"/> Could not be Determined <input type="checkbox"/> Suicide <input type="checkbox"/> Homicide		30a. DATE OF INJURY (Month, Day, Year)	30b. TIME OF INJURY M	30c. INJURY AT WORK? (Yes or no)	30d. DESCRIBE HOW INJURY OCCURRED				
	30a. 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)							
CERTIFIER	31a. CERTIFIER (Check only one) <input type="checkbox"/> 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. <input type="checkbox"/> 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. <input type="checkbox"/> 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)			

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FIGURE 7-B. U.S. Standard Certificate of Fetal 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	
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		
9a. INSIDE CITY LIMITS? (Yes or no)		9b. 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)		14. OCCUPATION AND BUSINESS/INDUSTRY (Worked during last year)	
11a. <input type="checkbox"/> No <input type="checkbox"/> Yes Specify:		12a.		13a. Elementary/Secondary (0-12) | College (1-4 or 5+1)		14a. Occupation | 14b. Business/Industry	
11b. <input type="checkbox"/> No <input type="checkbox"/> Yes Specify:		12b.		13b.		14c. | 14d.	
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)		18. MONTH OF PREGNANCY PRENATAL CARE BEGAN - First, Second, Third, etc. (Specify)		
15a. Now Living		15b. Now Dead	15d. (Do not include this fetus)		19. PRENATAL VISITS - Total Number (If none, so state)		
Number _____ <input type="checkbox"/> None		Number _____ <input type="checkbox"/> None	Number _____ <input type="checkbox"/> None		20. WEIGHT OF FETUS (Specify Unit)		
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)	
23a. MEDICAL RISK FACTORS FOR THIS PREGNANCY (Check all that apply)			24. OBSTETRIC PROCEDURES (Check all that apply)		27. CONGENITAL ANOMALIES OF FETUS (Check all that apply)		
Anemia (Hct. < 30/Hgb. < 10) 01 <input type="checkbox"/> Cardiac disease 02 <input type="checkbox"/> Acute or chronic lung disease 03 <input type="checkbox"/> Diabetes 04 <input type="checkbox"/> Genital herpes 05 <input type="checkbox"/> Hydramnios/Oligohydramnios 06 <input type="checkbox"/> Hemoglobinopathy 07 <input type="checkbox"/> Hypertension, chronic 08 <input type="checkbox"/> Hypertension, pregnancy-associated 09 <input type="checkbox"/> Eclampsia 10 <input type="checkbox"/> Incompetent cervix 11 <input type="checkbox"/> Previous infant 4000+ grams 12 <input type="checkbox"/> Previous preterm or small-for-gestational-age infant 13 <input type="checkbox"/> Renal disease 14 <input type="checkbox"/> Rh sensitization 15 <input type="checkbox"/> Uterine bleeding 16 <input type="checkbox"/> None 00 <input type="checkbox"/> Other 17 <input type="checkbox"/> (Specify)			Amniocentesis 01 <input type="checkbox"/> Electronic fetal monitoring 02 <input type="checkbox"/> Induction of labor 03 <input type="checkbox"/> Stimulation of labor 04 <input type="checkbox"/> Tocolysis 05 <input type="checkbox"/> Ultrasound 06 <input type="checkbox"/> None 00 <input type="checkbox"/> Other 07 <input type="checkbox"/> (Specify)		Anencephalus 01 <input type="checkbox"/> Spina bifida/Meningocele 02 <input type="checkbox"/> Hydrocephalus 03 <input type="checkbox"/> Microcephalus 04 <input type="checkbox"/> Other central nervous system anomalies (Specify) 05 <input type="checkbox"/> Heart malformations 06 <input type="checkbox"/> Other circulatory/respiratory anomalies (Specify) 07 <input type="checkbox"/> Rectal atresia/stenosis 08 <input type="checkbox"/> Tracheo-esophageal fistula/Esophageal atresia 09 <input type="checkbox"/> Omphalocele/Gastroschisis 10 <input type="checkbox"/> Other gastrointestinal anomalies (Specify) 11 <input type="checkbox"/> Malformed genitalia 12 <input type="checkbox"/> Renal agenesis 13 <input type="checkbox"/> Other urogenital anomalies (Specify) 14 <input type="checkbox"/> Cleft lip/palate 15 <input type="checkbox"/> Polydactyly/Syndactyly/Adactyly 16 <input type="checkbox"/> Club foot 17 <input type="checkbox"/> Diaphragmatic hernia 18 <input type="checkbox"/> Other musculoskeletal/integumental anomalies (Specify) 19 <input type="checkbox"/> Down's syndrome 20 <input type="checkbox"/> Other chromosomal anomalies (Specify) 21 <input type="checkbox"/> None 00 <input type="checkbox"/> Other 22 <input type="checkbox"/> (Specify)		
23b. OTHER RISK FACTORS FOR THIS PREGNANCY (Complete all items)			25. COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply)		26. METHOD OF DELIVERY (Check all that apply)		
Tobacco use during pregnancy Yes <input type="checkbox"/> No <input type="checkbox"/> Average number cigarettes per day _____ Alcohol use during pregnancy Yes <input type="checkbox"/> No <input type="checkbox"/> Average number drinks per week _____ Weight gained during pregnancy _____ lbs.			Febrile (> 100°F. or 38°C.) 01 <input type="checkbox"/> Meconium, moderate/heavy 02 <input type="checkbox"/> Premature rupture of membrane (> 12 hours) 03 <input type="checkbox"/> Abruptio placentae 04 <input type="checkbox"/> Placenta previa 05 <input type="checkbox"/> Other excessive bleeding 06 <input type="checkbox"/> Seizures during labor 07 <input type="checkbox"/> Precipitous labor (< 3 hours) 08 <input type="checkbox"/> Prolonged labor (> 20 hours) 09 <input type="checkbox"/> Dysfunctional labor 10 <input type="checkbox"/> Breech/Malpresentation 11 <input type="checkbox"/> Cephalopelvic disproportion 12 <input type="checkbox"/> Cord prolapse 13 <input type="checkbox"/> Anesthetic complications 14 <input type="checkbox"/> Fetal distress 15 <input type="checkbox"/> None 00 <input type="checkbox"/> Other 16 <input type="checkbox"/> (Specify)		Vaginal 01 <input type="checkbox"/> Vaginal birth after previous C-section 02 <input type="checkbox"/> Primary C-section 03 <input type="checkbox"/> Repeat C-section 04 <input type="checkbox"/> Forceps 05 <input type="checkbox"/> Vacuum 06 <input type="checkbox"/> Hysterotomy/Hysterectomy 07 <input type="checkbox"/>		
28. PART I. Fetal or maternal condition directly causing fetal death. Enter only one cause per line for a, b, and c.							
IMMEDIATE CAUSE		a. _____		Specify Fetal or Maternal			
DUE TO (OR AS A CONSEQUENCE OF):		b. _____		Specify Fetal or Maternal			
DUE TO (OR AS A CONSEQUENCE OF):		c. _____		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)						31. NAME AND TITLE OF PERSON COMPLETING REPORT (Type/Print)	
Name _____						Name _____	
<input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> C.N.M. <input type="checkbox"/> Other Midwife						Title _____	
<input type="checkbox"/> Other (Specify) _____							

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MEDICAL AND HEALTH INFORMATION

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trations, the death-registration area continued to expand until 1933, when, for the first time, it included the entire United States. 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 Technical Appendix in *Vital Statistics of the United States, 1979*, Volume II, Mortality, Part A, section 7, pages 3 and 4, and the section "History and Organization of the Vital Statistics System," chapter 1, *Vital Statistics of the United States, 1950*, Volume I, pages 2–19. Statistics on fetal deaths were first published for the birth-registration area in 1918 and then annually beginning in 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 1989 appear 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 to 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 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 1989 this difference amounted to 3,393 deaths. Mortality statistics by place of occurrence are shown

in tables 1-11, 1-19, 1-20, 1-30–1-32, 3-1, 3-6, 8-1, and 8-7.

Before 1970, except in 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 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.

Standard metropolitan statistical areas—The standard metropolitan statistical areas (SMSA's) used in this volume are those established by the U.S. Office of Management and Budget (7) from final 1980 census population counts and used by the U.S. Bureau of the Census, except in the New England States.

Except in the New England States, an SMSA is a county or a group of contiguous counties containing a city of 50,000 inhabitants or more or an urbanized area of 50,000 with a total metropolitan population of at least 100,000. In addition to the county or counties containing such a city or urbanized area, contiguous counties are included in an SMSA if, according to specified criteria, they are essentially metropolitan in character and are socially

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and economically integrated with the central city or urbanized area (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 SMSA's. However, NCHS cannot use the SMSA 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 (8,9).

Metropolitan and nonmetropolitan counties—Independent cities and counties included in SMSA's or in NECMA's are included in data for metropolitan counties; all other counties are classified as nonmetropolitan.

Population-size groups—In 1989 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, as no incorporated cities exist 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 also is 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, about 1.2 percent, of all deaths in 1989.

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 published again 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 for 1989, 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, Mexican, 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 1989 the number of death records for which race was unknown, not stated, or not classifiable was 4,499, or 0.2 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.

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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 Appendix of *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 1989 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 1989, mortality data in tables 1-37 and 2-19 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 44 reporting States 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 44 States are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, New York (including New York City), North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Washington, West Virginia, Wisconsin, and Wyoming. Data for three States—Connecticut, Maryland, and Virginia—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 States for which Hispanic origin was not stated or was unknown.

In tables 2-20–2-23, the reporting area is based on deaths to residents of 43 reporting States 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 43 States are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, New York (including New York City), North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Washington, West Virginia, Wisconsin, and Wyoming. Data for Connecticut, Maryland, and Virginia were excluded for the reasons stated above. Rhode Island also was excluded because of the large proportion of unknown.

The 44 and 43 reporting States and the District of Columbia for which general mortality data are shown in this report accounted for about 97 percent of the Hispanic population in the United States in 1980. This included about 99 percent of the Mexican population, 94 percent of the Puerto Rican population, 97 percent of the Cuban population, and 94 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 of the entire United States. For qualifications regarding infant mortality of the Hispanic-origin population, see “Infant deaths.”

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 in 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 2,094,043 resident deaths 15 years of age and over in 1989, 20,709 certificates (1.0 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 revision of the U.S. Standard Certificate of Death (1), this item was added to the certificates of a large number of States:

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- Decedent's Education (specify only highest grade completed)
- Elementary/Secondary (0–12) College (1–4 or 5+)

Mortality data on educational attainment for 1989 are based on deaths to residents of 21 reporting States whose data were at least 90 percent complete on a place-of-occurrence basis. The 21 reporting States are Arizona, California, Colorado, Delaware, Florida, Hawaii, Idaho, Illinois, Iowa, Kansas, Michigan, Minnesota, Missouri, Montana, New Hampshire, Oregon, South Carolina, Utah, Vermont, Wisconsin, and Wyoming.

Place of death and status of decedent

Mortality statistics classified 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 1989 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. As a result, not all categories were available. For all reporting States and the District of Columbia in the Vital Statistics Cooperative Program, NCHS accepts the State definition, classification, or code for hospitals, medical centers, nursing homes, or other institutions.

Effective with data year 1980, the coding for 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 1989 deaths by month are shown in tables 1-20–1-21, 1-24, 1-33, 2-12–2-14, 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 certificates as to whether autopsies were performed. For 1989 autopsies were reported on 247,251 death certificates, 11.5 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 for 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 eight 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; 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). There was one other category for which 40 percent or more of the death certificates reported autopsies. Autopsies were reported for only 7.3 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

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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 for 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 causes 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 and each State, and for standard 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 infection (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 the Technical Appendix from *Vital Statistics of the United States, 1979*, Volume II, Mortality, Part A, section 7, pages 9–14.

A dual coding study was undertaken comparing the Ninth and the Eighth Revisions 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 also were undertaken between the Eighth and Seventh, Seventh and Sixth, and Sixth and Fifth Revisions. For additional information about these studies, see the 1979 Technical Appendix previously mentioned.

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 below. In early 1983, a change was made in the coding of acquired immunodeficiency syndrome (AIDS) and HIV infection, which affected data from 1981 to 1986. 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 No. 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 No. 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 1989—The rules and instructions used in coding the 1989 mortality medical data remained essentially the same as those used for the 1988 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 of 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 Nos. 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 1989 a record low of 1.3 percent of all reported deaths in the United States was assigned to this category compared with 1.4 for 1988. 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 between 1980 and 1988, a slight increase in the percent occurred for the age group 5–14 years and a decrease occurred for all the age groups 55 years and over. However, between 1988 and 1989, the percent decreased for almost all age groups.

Automated selection of underlying cause of death—Beginning with data year 1968, NCHS began using a computer system for assigning the underlying cause of death. It has been used every year since. The system is called "Automated Classification of Medical Entities" (ACME).

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 inter-coder 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 informa-

tion 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 (15–17).

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 Nos. 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 Nos. 630–78). 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 Nos. 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 Nos. 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 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

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introduced in the infant mortality rate by this inexactness is usually small, especially when the birth rate is relatively constant from year to year (18,19). 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 (20,21).

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 (21).

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 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 to *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 2 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

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, 1989

Race	Infant deaths	Neonatal deaths	Post-neonatal deaths	Maternal deaths	Fetal deaths	Perinatal definitions		
						I	II	III
All races	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
White	0.98	0.98	0.98	0.98	1.00	0.99	0.99	0.99
Black	1.05	1.05	1.05	1.05	1.02	1.04	1.04	1.04
American Indian	1.25	1.25	1.25	*	1.07	1.17	1.14	1.13
Chinese	1.07	1.07	1.07	*	0.99	1.03	1.03	1.02
Japanese	1.22	1.22	*	*	0.94	1.06	1.05	1.05
Hawaiian	1.45	1.45	1.45	*	1.15	1.31	1.28	1.26
Filipino	1.06	1.06	1.06	*	1.03	1.04	1.04	1.04
Other Asian	1.09	1.09	1.09	*	1.01	1.04	1.04	1.04
Other races	*	*	*	*	1.03	1.21	1.21	1.21

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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 (22).

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 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 of 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 (22).

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 (23,24) with period rates based on mortality data published in *Vital Statistics of the United States* (VSUS) for the same year(s). In this comparison, cohort rates are based entirely on the linked data set while period rates are constructed using a numerator (infant deaths) based on mortality data published in VSUS and a denominator (live births) based on the linked data set.

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 from comparing infant mortality rates from the linked data set for the birth cohorts of 1984–85 with period rates constructed for 1984–85, bias in the rates for the two major race groups—white and black—is small (table B). In contrast, period rates for the smaller race groups are estimated to be lower than cohort rates by 10 to

Table B. Infant mortality rates by race of mother for the period 1984–85 and for birth cohorts, 1984–85; and ratio of birth cohort to period rates: United States

[Rates per 1,000 live births in specified groups]

Race	Period rate 1984–85	Birth cohort rate 1984–85	Ratio cohort/ period rates
All races	10.7	10.4	0.97
White	9.3	8.9	0.96
Black	19.1	18.4	0.96
American Indian	11.7	13.2	1.13
Chinese	5.9	6.5	1.10
Japanese	5.3	6.2	1.17
Filipino	5.4	8.1	1.50
Other Asian	7.8	9.1	1.17
Other races	7.7	9.8	1.27

NOTE: Births for race not stated are not distributed.

50 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 these groups. 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 (see section “Hispanic origin”) and numbers of resident live births by Hispanic origin of mother for the 43 reporting States 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 1989 was 2.6 percent and the percent of live births of unknown origin was 1.1 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin are underestimated. 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 C. 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 with data for 1989, because the reporting area for Hispanic data has expanded from 18 reporting States and the District of Columbia in 1986 to 43 reporting States and the District of Columbia in 1989. The Hispanic reporting area for 1986 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.

Small numbers of infant deaths for specific Hispanic-origin groups can result in infant mortality rates subject to

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Table C. Infant mortality rates by specified Hispanic origin of mother for the period 1986 and birth cohort of 1986; and ratio of birth cohort to period rates: Total of 18 reporting States and the District of Columbia, 1986

[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	Birth cohort rate 1986	Ratio cohort/ period rates
All origins	10.2	9.9	0.97
Hispanic total	8.0	8.4	1.05
Mexican	7.7	7.9	1.03
Puerto Rican	8.6	11.8	1.37
Cuban	*	8.2	*
Other Hispanic ¹	9.1	8.4	0.90
Non-Hispanic total ²	10.0	10.1	1.01
White	8.6	8.3	0.97
Black	16.9	17.8	1.05

¹Includes Central and South American and other and unknown Hispanic.

²Includes races other than white and black.

relatively large random variation (see section "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 section "Cause-of-death classification.")

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. Beginning with 1985 data, California provided NCHS with computer tapes of precoded mortality data through the Vital Statistics Cooperative Program (VSCP); whereas before 1985, data from California were based on information coded by NCHS from copies of original death certificates. The effect of these errors on national data, for 1985–88 shown in table 2–3, 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 (25).

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 (26). 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, 1955, 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* (27) 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 D shows the minimum period of gestation required by each State to report a fetal death. Substantial evidence exists that indicates some fetal deaths for which reporting is required are not reported (28).

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.

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Table D. Period of gestation at which fetal-death reporting is required: Each reporting area, 1989

Area	All periods of gestation	16 weeks	20 weeks	20 weeks or 350 grams	20 weeks or 400 grams	20 weeks or 500 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 NYC	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									X
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						

¹If gestational age is unknown, weight of 350 grams or more.

²Although 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.

³If gestational age is unknown, weight of 500 grams or more.

⁴If gestational age is unknown, weight of 400 grams or more, or crown-heel of 28 centimeters or more.

⁵If weight is unknown, 22 completed weeks' gestation or more.

⁶If gestational age is unknown, weight of 400 or more grams, 15 or more ounces.

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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 birth weight of 500 grams or more. In 1989 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 1984–89. 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 decrease in the reported number of fetal deaths and in fetal mortality rates for Maryland between 1988 and 1989.

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 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 1989. The data quality and completeness of many of these items are being evaluated.

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 birth weight (29). Briefly, if LMP gestation is inconsistent with birth weight, and the physician's estimate is consistent, the physician's estimate is used; if both are inconsistent, LMP gestation is used, and birth weight 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 reported LMP in 1989 except Puerto Rico, and all areas reported physician's estimate of gestation except California, the District of Columbia, Louisiana, Maryland, and Oklahoma. Nebraska also was excluded because of the large proportion of unknown.

Birth weight—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 birth weight data, the metric system (grams) has been used to facilitate comparison with other data published in the United States and internationally. Birth weight 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

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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 birth-weight 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 birth weight 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 previous years; see section on “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 1989 were obtained from 44 States; areas not supplying data were the District of Columbia, Louisiana, Maryland, Massachusetts, New Hampshire, Oklahoma, and Rhode Island.

For 1989, fetal and perinatal mortality data in table 3-19 are for a reporting area of 44 States and tables 3-20, 4-6, and 4-7 are for a reporting area of 31 States 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, Arizona, Arkansas, California, Colorado, Florida, Georgia, Hawaii, Idaho, Illinois, Iowa, Kansas, Kentucky, Minnesota, Mississippi, Missouri, Nebraska, Nevada, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, West Virginia, Wisconsin, and Wyoming.

The 31 reporting States for which fetal and perinatal data by Hispanic origin are shown accounted for about 75 percent of the Hispanic population in 1980, including 92 percent of the Mexican population, 27 percent of the Puerto Rican population, 75 percent of the Cuban population, and 57 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 section on 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 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 report 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 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 deaths with stated marital status that fall into each category. Before 1989, fetal deaths 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 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 birth weight 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 birth weight is unavailable, the corresponding gestational age (28 weeks) or body length (35 cm crown-heel)).” Because birth weight 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 section on “Change in race classification for live births and fetal deaths” under *Infant deaths*.

Hispanic origin—See section on “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.

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.

Quality control procedures

Demographic items on the death certificate—As previously indicated, for 1989 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 1989 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 1989 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 1989 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 1989 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 section “Automated selection of underlying cause of death.”)

Demographic items on the report of fetal death—For 1989, 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.

Table E. Sources for resident population and population including Armed Forces abroad: Birth- and death-registration States, 1900–32, and United States, 1900–89

Year	Source
1989	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 1057, 1990.
1988	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 1045, 1990.
1986–87	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 1022, Mar. 1988.
1985	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 1000, Feb. 1987.
1984	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 985, Apr. 1986.
1983	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 965, Mar. 1985.
1982	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 949, May 1984.
1981	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 929, May 1983.
1980	U.S. Bureau of the Census, <i>U.S. Census of Population: 1980, Number of Inhabitants</i> , PC80-1A1, United States Summary, 1983.
1971–79	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 917, July 1982.
1970	U.S. Bureau of the Census, <i>U.S. Census of Population: 1970, Number of Inhabitants</i> , Final Report PC(1)-A1, United States Summary, 1971.
1961–69	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 519, April 1974.
1960	U.S. Bureau of the Census, <i>U.S. Census of Population: 1960, Number of Inhabitants</i> , PC(1)-A1, United States Summary, 1964.
1951–59	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 310, June 30, 1965.
1940–50	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 499, May 1973.
1930–39	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 499, May 1973, and National Office of Vital Statistics, <i>Vital Statistics Rates in the United States, 1900–40, 1947</i> .
1920–29	National Office of Vital Statistics, <i>Vital Statistics Rates in the United States, 1900–40, 1947</i> .
1917–19	Same as for 1930–39.
1900–16	Same as for 1920–29.

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 (30). 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, and 1980 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 SMSA's 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 1900–89 are shown in table 7-1. In addition, the population including Armed Forces abroad is shown for the United States. Table E lists the sources for these populations.

Population estimates for 1989—The population of the United States estimated by age, race, and sex for 1989 is shown in table 7-2, and the population for each State by broad age groups follows in table 7-3. Population estimates for 1984–89 incorporate new estimation procedures for net migration and net undocumented immigration. The 1989 estimates are comparable with those for 1984–88 but are

not strictly comparable with the postcensal estimates for 1981–83 shown in tables 7-2 and 7-3 of *Vital Statistics of the United States*, Volume II, for those years. Although the death rates and estimates of life expectancy for 1984–89 are not strictly comparable with those for previous years, the trends for the total population and most age-race-sex groups are not substantially affected. For additional details, see the Technical Appendix from *Vital Statistics of the United States, 1984*, Volume II, and the report of the U.S. Bureau of the Census (31). Population data by race are consistent with the modified (see below) 1980 population by race.

Population for 1980—The population of the United States by age, race, and sex and the population for each State by age are shown in tables 7-2 and 7-3, respectively, of *Vital Statistics of the United States, 1980*, Volume II. The figures by race have been modified as described below.

Changes in reporting practices affected the racial counts of the 1980 census, particularly those of the Hispanic population. Changes in coding and classifying also affected the racial counts in the 1980 census. One particular change created a major inconsistency between the 1980 census data and historical data series, including censuses and vital statistics. About 40 percent of the Hispanic population counted in 1980, more than 5.8 million persons, did not mark one of the specified races listed on the census questionnaire but instead marked the "Other" category.

In the 1980 census, coding procedures were modified for persons who marked "Other" race and wrote in a national origin designation of a Latin American country or a specific Hispanic-origin group in response to the racial question. These persons remained in the "Other" racial category in 1980 census data; in previous censuses and in vital statistics, such responses had almost always been coded into the "White" category.

To maintain comparability, the "Other" racial category in the 1980 census was reallocated to be consistent with previous procedures. Persons who marked the "Other" racial category and reported any Spanish origin on the Spanish origin question (5,840,648 persons) were distributed to white and black races in proportion to the distribution of persons of Hispanic origin who actually reported their race as "White" or "Black." This was done for each age-sex group.

As a result of this procedure, 5,705,155 persons (98 percent) were added to the white population and 135,493 persons (2 percent) to the black population. Persons who marked the "Other" racial category and reported they were not of Spanish origin (916,338 persons) were distributed as follows: 20 percent in each age-sex group were added to the "Asian and Pacific Islander" category (183,268 persons), and 80 percent were added to the "White" category (733,070 persons). The count of American Indians, Eskimos, and Aleuts was not affected by these procedures. Unpublished tabulations of these modified census counts were obtained from the U.S. Bureau of the Census and used to compute the rates for this volume.

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 (32). 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-25, 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

Just as the underenumeration of deaths and the misreporting of demographic characteristics on the death certificate can introduce error into the annual rates, so can 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 (33). 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 (34). 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.

Although death rates based on a population adjusted for net census undercount may be more accurate than rates based on an unadjusted population, rates in this volume are not adjusted; rather, they are computed using population estimates that preserve the age pattern of the net census undercount across the postcensal interval. Thus, it is impor-

tant to consider the possible impact of net census undercount on death rates.

The U.S. Bureau of the Census has conducted extensive research on the completeness of coverage of the U.S. population (including underenumeration and misstatement of age, race, and sex) in the last four decennial censuses—1950, 1960, 1970, and 1980. From this work have come estimates of the national population that were not counted by age, race, and sex (35,36). The reports for 1980 include estimates of net census undercount using alternative methodological assumptions for age, race, and sex subgroups of the national population (37). These studies indicate that, although coverage was improved over previous censuses, there was differential coverage in the 1980 census among the population subgroups; that is, some age, race, and sex groups were more completely counted than others.

Net census undercounts can affect levels of the observed vital rates, differences among groups, and levels and group differences shown by summary measures such as age-adjusted death rates and life expectancy.

Levels and differentials—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 1980 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—indicating a net census overcount—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 than the population of all other races in the 1980 Census of Population. The black population was undercounted relative to the total population of all other races.

For the total population, underenumeration varied by age group, with the greatest differences found for persons aged 80-84 and 85 years and over. All other age groups were overcounted or undercounted by less than 3 percent.

Among the age-sex-race groups, coverage was lowest for black males aged 40-44 and 45-49 years. Underenumeration for these groups was 19 percent. In contrast, white females in these age groups were essentially completely enumerated. For black females and white males in these same age groups, the undercount ranged from 3 to 6 percent. For the under-1-year age group, the white population was overenumerated by 2 percent, whereas infants of other races were underenumerated by 9 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. As a consequence, the ratio of mortality between the rates for males and females, and between the rates for the white population and the population of other races, or 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, for the age group 35–39 years in 1980, the ratio of the death rate for Homicide and legal intervention for black males to that for white males is 7.3, whereas the ratio of the death rates adjusted for net census undercount is 6.2. For Ischemic heart disease for males aged 40–44 years, the ratio of the death rate for the population of all other races to that for the white population is 1.2 using the unadjusted rates, but it is 1.1 when adjusted for estimated underenumeration.

Summary measures—The effect of net census undercount on age-adjusted death rates depends on the underenumeration of each age group and on the distribution of deaths by age. Thus, the age-adjusted death rate in 1980 for All causes would decrease from 585.8 to 579.3 per 100,000 population if the age-specific death rates were corrected for net census undercount.

For Diseases of heart, the age-adjusted death rate for white males would decrease from 277.5 to 273.0 per 100,000 population, a decline of 1.3 percent. For black males the change, from an unadjusted rate of 327.3 to an adjusted rate of 308.3, would amount to 5.8 percent.

If death rates by age were adjusted, the corresponding life expectancy at birth computed from these rates would change. The importance of adjustments varies by age; that is, 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. Differential underenumeration among race-sex groups would lead to greater changes in life expectancy for some groups than for others. For white females who were completely enumerated in 1980, revised estimates of life expectancy would remain roughly constant; those for black males would show the greatest increase.

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	62,066
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 (38). Life tables for the decennial period 1979–81 are used as the standard life tables in constructing the 1980–89 abridged life tables. With the availability of the 1979–81 standard life tables, revised life table values were computed for 1980–82; these appeared for the first time in *Vital Statistics of the United States, 1983*.

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.

The change in the population estimation methodology (see above section “Population bases”) results in life expectancies at certain 5-year age intervals for 1984–89 that are lower than those that would have resulted had they been based on the same methodology used to compute 1983 life expectancies. For additional details, see Technical Appendix for *Vital Statistics of the United States, 1984, Volume II*.

There has been an increasing interest in data on the average length of life (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 (39).

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

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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 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 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 (40). 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

$$1. \quad N - 2\sqrt{N} \quad \text{and} \quad N + 2\sqrt{N}$$

covers the “true” number of events.

$$2. \quad R - 2 \frac{R}{\sqrt{N}} \quad \text{and} \quad R + 2 \frac{R}{\sqrt{N}}$$

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, then 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, then 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.

SYMBOLS USED IN TABLES

Data not available	---
Category not applicable . . . . .	..
Quantity zero	-
Quantity more than zero 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)	*

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Table 7-1. Population of Birth- and Death-Registration States, 1900-1932, and United States, 1900-1989

[Population enumerated as of April 1 for 1940, 1950, 1960, 1970, and 1980 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
1989	248,762,000	248,239,000	1944	138,397,000	132,885,000	...	...	...	...
1988	246,329,000	245,807,000	1943	136,739,000	134,245,000	...	...	...	...
1987	243,915,000	243,400,000	1942	134,860,000	133,920,000	...	...	...	...
1986	241,613,000	241,096,000	1941	133,402,000	133,121,000	...	...	...	...
1985	239,283,000	238,741,000	1940	131,820,000	131,669,275	...	...	...	...
1984	237,019,000	236,495,000	1939	131,028,000	130,879,718	...	...	...	...
1983	234,538,000	234,023,000	1938	129,969,000	129,824,939	...	...	...	...
1982	232,309,000	231,786,000	1937	128,961,000	128,824,829	...	...	...	...
1981	229,849,000	229,348,000	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.

SOURCE: Published and unpublished data from the U.S. Bureau of the Census; see text.

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Table 7-2. Estimated Population of the United States, by 5-Year Age Groups, Race, and Sex: July 1, 1989

[Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States. Due to rounding to the nearest thousand, detailed figures may not add to totals.]

Age	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
All ages	248,239,000	120,982,000	127,258,000	208,961,000	102,223,000	106,738,000	39,278,000	18,758,000	20,520,000	30,660,000	14,545,000	16,115,000
Under 1 year	3,945,000	2,020,000	1,925,000	3,163,000	1,623,000	1,541,000	782,000	397,000	385,000	619,000	314,000	305,000
1-4 years	14,807,000	7,578,000	7,229,000	11,887,000	6,093,000	5,794,000	2,920,000	1,485,000	1,435,000	2,271,000	1,155,000	1,116,000
5-9 years	18,212,000	9,321,000	8,891,000	14,628,000	7,504,000	7,124,000	3,584,000	1,817,000	1,767,000	2,802,000	1,423,000	1,378,000
10-14 years	16,950,000	8,689,000	8,260,000	13,574,000	6,973,000	6,601,000	3,375,000	1,716,000	1,659,000	2,679,000	1,362,000	1,318,000
15-19 years	17,812,000	9,091,000	8,721,000	14,343,000	7,327,000	7,015,000	3,469,000	1,764,000	1,705,000	2,758,000	1,394,000	1,365,000
20-24 years	18,702,000	9,368,000	9,334,000	15,359,000	7,731,000	7,628,000	3,343,000	1,637,000	1,706,000	2,651,000	1,279,000	1,372,000
25-29 years	21,699,000	10,865,000	10,834,000	18,103,000	9,142,000	8,960,000	3,597,000	1,723,000	1,874,000	2,827,000	1,342,000	1,485,000
30-34 years	22,135,000	11,078,000	11,058,000	18,567,000	9,385,000	9,182,000	3,568,000	1,693,000	1,875,000	2,744,000	1,289,000	1,455,000
35-39 years	19,621,000	9,731,000	9,890,000	16,625,000	8,342,000	8,283,000	2,996,000	1,389,000	1,606,000	2,260,000	1,035,000	1,225,000
40-44 years	16,882,000	8,294,000	8,588,000	14,550,000	7,229,000	7,321,000	2,331,000	1,064,000	1,267,000	1,726,000	782,000	945,000
45-49 years	13,521,000	6,601,000	6,920,000	11,672,000	5,758,000	5,915,000	1,849,000	843,000	1,006,000	1,395,000	626,000	769,000
50-54 years	11,375,000	5,509,000	5,866,000	9,789,000	4,791,000	4,998,000	1,586,000	719,000	868,000	1,223,000	544,000	679,000
55-59 years	10,726,000	5,121,000	5,605,000	9,310,000	4,480,000	4,830,000	1,416,000	641,000	775,000	1,116,000	508,000	608,000
60-64 years	10,867,000	5,079,000	5,788,000	9,569,000	4,498,000	5,071,000	1,298,000	581,000	718,000	1,035,000	467,000	567,000
65-69 years	10,170,000	4,631,000	5,538,000	9,029,000	4,130,000	4,899,000	1,141,000	502,000	639,000	916,000	402,000	515,000
70-74 years	8,012,000	3,464,000	4,549,000	7,193,000	3,120,000	4,074,000	819,000	344,000	475,000	661,000	274,000	386,000
75-79 years	6,033,000	2,385,000	3,648,000	5,430,000	2,147,000	3,282,000	603,000	238,000	365,000	486,000	187,000	299,000
80-84 years	3,728,000	1,306,000	2,422,000	3,409,000	1,189,000	2,220,000	319,000	117,000	201,000	256,000	91,000	165,000
85 years and over	3,042,000	850,000	2,192,000	2,761,000	761,000	2,000,000	281,000	89,000	192,000	236,000	72,000	165,000

SOURCE: U.S. Bureau of the Census: "Current Population Reports," Series P-25, No. 1057..

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Table 7-3. Estimated Population, by Age, for the United States, Each Division and State, Puerto Rico, Virgin Islands, and Guam: July 1, 1989

[Figures include Armed Forces stationed in each area, and exclude Armed Forces stationed outside the United States. Due to rounding to the nearest thousand, detailed figures may not add to totals]

Division and State	Total	Under 5 years	5-19 years	20-44 years	45-64 years	65 years and over
United States	248,239,000	18,752,000	52,974,000	99,039,000	46,489,000	30,985,000
Geographic divisions:						
New England	13,046,000	918,000	2,536,000	5,299,000	2,537,000	1,758,000
Middle Atlantic	37,726,000	2,655,000	7,493,000	14,609,000	7,783,000	5,182,000
East North Central	42,298,000	3,080,000	9,209,000	16,732,000	7,996,000	5,279,000
South Atlantic	17,951,000	1,302,000	3,842,000	6,979,000	3,272,000	2,458,000
East South Central	15,406,000	1,090,000	3,137,000	6,879,000	3,427,000	2,571,000
West South Central	27,003,000	2,247,000	6,342,000	10,853,000	4,578,000	2,984,000
Mountain	13,514,000	1,142,000	3,143,000	5,503,000	2,234,000	1,488,000
Pacific	38,283,000	3,183,000	8,018,000	16,091,000	6,821,000	4,172,000
New England:						
Maine	1,222,000	84,000	259,000	484,000	230,000	164,000
New Hampshire	1,107,000	85,000	232,000	463,000	203,000	126,000
Vermont	567,000	40,000	120,000	240,000	100,000	68,000
Massachusetts	5,913,000	413,000	1,105,000	2,441,000	1,142,000	813,000
Rhode Island	998,000	69,000	193,000	397,000	191,000	147,000
Connecticut	3,239,000	227,000	627,000	1,274,000	671,000	440,000
Middle Atlantic:						
New York	17,950,000	1,306,000	3,582,000	7,012,000	3,707,000	2,340,000
New Jersey	7,736,000	548,000	1,514,000	3,009,000	1,643,000	1,022,000
Pennsylvania	12,040,000	801,000	2,397,000	4,588,000	2,433,000	1,820,000
East North Central:						
Ohio	10,907,000	782,000	2,378,000	4,233,000	2,115,000	1,398,000
Indiana	5,593,000	394,000	1,248,000	2,209,000	1,049,000	693,000
Illinois	11,658,000	864,000	2,472,000	4,656,000	2,229,000	1,438,000
Michigan	9,273,000	684,000	2,063,000	3,708,000	1,718,000	1,099,000
Wisconsin	4,867,000	356,000	1,048,000	1,926,000	885,000	651,000
West North Central:						
Minnesota	4,353,000	329,000	932,000	1,764,000	780,000	550,000
Iowa	2,840,000	188,000	606,000	1,100,000	517,000	429,000
Missouri	5,159,000	370,000	1,093,000	1,982,000	997,000	718,000
North Dakota	660,000	50,000	150,000	261,000	108,000	91,000
South Dakota	715,000	55,000	162,000	267,000	127,000	103,000
Nebraska	1,611,000	119,000	355,000	624,000	289,000	223,000
Kansas	2,513,000	191,000	544,000	981,000	454,000	344,000
South Atlantic:						
Delaware	673,000	50,000	139,000	271,000	133,000	79,000
Maryland	4,694,000	358,000	945,000	1,951,000	930,000	510,000
District of Columbia	604,000	48,000	108,000	257,000	115,000	75,000
Virginia	6,098,000	444,000	1,236,000	2,587,000	1,174,000	656,000
West Virginia	1,857,000	110,000	414,000	716,000	346,000	272,000
North Carolina	6,571,000	464,000	1,398,000	2,645,000	1,267,000	799,000
South Carolina	3,512,000	265,000	808,000	1,423,000	626,000	391,000
Georgia	6,436,000	511,000	1,500,000	2,607,000	1,166,000	653,000
Florida	12,671,000	887,000	2,331,000	4,505,000	2,670,000	2,276,000
East South Central:						
Kentucky	3,727,000	250,000	839,000	1,480,000	685,000	472,000
Tennessee	4,940,000	340,000	1,074,000	1,955,000	947,000	624,000
Alabama	4,118,000	297,000	945,000	1,595,000	758,000	522,000
Mississippi	2,621,000	203,000	657,000	981,000	455,000	327,000
West South Central:						
Arkansas	2,406,000	173,000	552,000	875,000	450,000	355,000
Louisiana	4,382,000	362,000	1,050,000	1,761,000	724,000	488,000
Oklahoma	3,224,000	233,000	722,000	1,269,000	571,000	428,000
Texas	16,991,000	1,479,000	4,018,000	6,948,000	2,833,000	1,713,000
Mountain:						
Montana	806,000	60,000	183,000	318,000	140,000	106,000
Idaho	1,014,000	79,000	258,000	396,000	159,000	120,000
Wyoming	475,000	36,000	114,000	219,000	60,000	46,000
Colorado	3,317,000	262,000	704,000	1,474,000	553,000	323,000
New Mexico	1,528,000	134,000	368,000	601,000	265,000	160,000
Arizona	3,556,000	310,000	779,000	1,371,000	630,000	465,000
Utah	1,707,000	175,000	517,000	651,000	218,000	147,000
Nevada	1,111,000	86,000	220,000	473,000	209,000	121,000
Pacific:						
Washington	4,761,000	357,000	1,002,000	2,031,000	802,000	568,000
Oregon	2,820,000	194,000	584,000	1,180,000	470,000	392,000
California	29,063,000	2,488,000	6,069,000	12,177,000	5,259,000	3,072,000
Alaska	527,000	55,000	128,000	241,000	82,000	21,000
Hawaii	1,112,000	89,000	235,000	462,000	208,000	119,000
Puerto Rico ¹	---	---	---	---	---	---
Virgin Islands ¹	---	---	---	---	---	---
Guam ¹	---	---	---	---	---	---

¹ Populations for Puerto Rico, Virgin Islands, and Guam are not available for 1989.
SOURCE: U.S. Bureau of the Census: "Current Population Reports," Series P-25, Nos. 1058 and unpublished data.

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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, 1980

Age	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
All ages	0.9862	0.9763	0.9958	0.9916	0.9839	0.9990	0.9543	0.9309	0.9765	0.9392	0.9103	0.9669
Under 5 years	0.9806	0.9800	0.9812	0.9993	0.9988	0.9998	0.9024	0.8998	0.9051	0.9047	0.9018	0.9077
Under 1 year	1.0025	1.0019	1.0031	1.0246	1.0245	1.0246	.9112	.9057	.9169	.9205	.9149	.9262
1-4 years .....	.9747	.9741	.9754	.9926	.9920	.9932	.9000	.8982	.9019	.9004	.8982	.9027
5-14 years .....	.9917	.9916	.9919	.9981	.9982	.9980	.9626	.9614	.9638	.9603	.9591	.9623
5-9 years .....	.9852	.9846	.9859	.9957	.9955	.9960	.9393	.9370	.9416	.9393	.9370	.9424
10-14 years .....	.9978	.9982	.9974	1.0003	1.0008	.9998	.9858	.9858	.9859	.9808	.9807	.9816
15-24 years .....	.9921	.9846	.9999	.9940	.9871	1.0011	.9823	.9711	.9937	.9689	.9526	.9850
15-19 years	1.0011	.9988	1.0034	1.0003	.9976	1.0030	1.0051	1.0052	1.0055	.9980	.9958	1.0001
20-24 years .....	.9834	.9706	.9965	.9879	.9769	.9993	.9590	.9354	.9819	.9390	.9076	.9696
25-34 years .....	.9793	.9629	.9961	.9850	.9722	.9980	.9466	.9059	.9852	.9181	.8670	.9676
25-29 years .....	.9742	.9581	.9908	.9799	.9673	.9929	.9422	.9040	.9786	.9168	.8695	.9628
30-34 years .....	.9850	.9683	1.0020	.9905	.9778	1.0036	.9519	.9081	.9931	.9197	.8638	.9735
35-44 years .....	.9761	.9575	.9947	.9855	.9719	.9992	.9183	.8665	.9680	.8882	.8235	.9501
35-39 years .....	.9776	.9597	.9955	.9860	.9730	.9991	.9248	.8743	.9736	.8968	.8322	.9588
40-44 years .....	.9743	.9549	.9937	.9849	.9706	.9992	.9107	.8576	.9614	.8782	.8135	.9401
45-54 years .....	.9784	.9589	.9973	.9862	.9723	.9998	.9247	.8648	.9803	.8976	.8272	.9644
45-49 years .....	.9734	.9538	.9926	.9828	.9690	.9967	.9124	.8544	.9669	.8833	.8139	.9497
50-54 years .....	.9831	.9638	1.0017	.9894	.9755	1.0027	.9377	.8759	.9945	.9125	.8413	.9796
55-64 years .....	.9900	.9735	1.0049	.9926	.9783	1.0057	.9678	.9329	.9983	.9514	.9094	.9882
55-59 years .....	.9884	.9692	1.0060	.9921	.9755	1.0075	.9577	.9178	.9935	.9388	.8913	.9815
60-64 years .....	.9919	.9786	1.0037	.9932	.9815	1.0036	.9804	.9523	1.0041	.9669	.9324	.9962
65-74 years	1.0092	1.0044	1.0129	1.0055	1.0011	1.0087	1.0439	1.0357	1.0515	1.0372	1.0235	1.0473
65-69 years	1.0131	1.0051	1.0195	1.0086	1.0016	1.0141	1.0548	1.0391	1.0672	1.0494	1.0290	1.0651
70-74 years	1.0042	1.0034	1.0047	1.0016	1.0005	1.0021	1.0293	1.0309	1.0309	1.0207	1.0158	1.0243
75-84 years .....	.9851	.9937	.9800	.9844	.9918	.9804	.9917	1.0168	.9758	.9689	.9955	.9527
75-79 years	1.0014	1.0053	.9990	.9974	.9997	.9959	1.0428	1.0601	1.0313	1.0235	1.0405	1.0128
80-84 years .....	.9595	.9735	.9522	.9643	.9780	.9578	.9059	.9380	.8873	.8780	.9150	.8572
85 years and over .....	.9540	.9792	.9440	.9558	.9760	.9467	.9393	.9961	.9057	.9089	.9638	.8837

SOURCE: U.S. Bureau of the Census: "Current Population Reports," Series P-25, No. 985.

ISBN 0-16-042065-2



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