

DEATH



2,613 RESIDENT DEATHS

In 1996, 2,613 Alaskan residents died. Of this number, 159 Alaska residents died out of state. A total of 2,596 deaths occurred in Alaska. Of this number, 2,454 were Alaska residents and 142 were from out of state. (See Tables 5.1A and 5.1B.) The total number of resident deaths (2,613) represents a 2.2 percent increase over the 2,558 resident deaths in 1995.

January was the month with the highest number of deaths (256) and April had the fewest deaths with 192. Almost thirty percent of decedents were born in Alaska; however only 9.2 percent of white decedents were born in Alaska, while 96.6 percent of Native decedents were born in Alaska.

Thirty-one percent of decedents age 18 and over were veterans (50.9 percent of males and 2.7 percent of females).

Forty-three percent of decedents age 18 and over were married at the time of death, 25.4 percent were widowed, 13.6 percent had never married, and 16.7 percent were divorced. Statistics for men and women varied significantly:

- 48.4 percent of males were married and 35.9 percent of females were married;
- 12.5 percent of males were widowed and 43.5 percent of females were widowed;
- 19.5 percent of males had never married while only 5.4 percent of females had never married;
- 18.0 percent of males were divorced and 14.8 percent of females were divorced.

CRUDE DEATH RATES

The crude death rate is the number of deaths in a year divided by the estimated population and multiplied by a constant of proportionality, in this case, 100,000. In 1996, there were 2,613 Alaska resident deaths and an estimated population of 607,314 as of July 1, 1996. The 1996 crude death rate calculation is $(2,613/607,314)*100,000=430.3$.

TABLE 5.1A RESIDENT DEATHS, ESTIMATED POPULATIONS, AND CRUDE DEATH RATES BY CENSUS AREA, AND PLACE OF DEATH BY CENSUS AREA (INCLUDES NON-RESIDENTS), ALASKA, 1996

CENSUS AREA	PLACE OF DEATH	RESIDENT DEATHS	POPULATION	CRUDE RATE
ALEUTIANS EAST	3	4	2,214	180.7
ALEUTIANS WEST	12	13	5,763	225.6
ANCHORAGE BOROUGH	1,147	975	254,178	383.6
ANGOON-HOONAH-SKAGWAY	10	20	3,821	523.4
BETHEL	62	80	15,334	521.7
BRISTOL BAY BOROUGH	5	2	1,255	159.4
DENALI BOROUGH	10	4	1,906	209.9
DILLINGHAM	15	22	4,481	491.0
FAIRBANKS NORTH STAR BOROUGH	302	297	82,289	360.9
HAINES BOROUGH	7	10	2,358	424.1
JUNEAU BOROUGH	112	117	29,294	399.4
KENAI PENINSULA BOROUGH	198	236	46,881	503.4
KETCHIKAN GATEWAY BOROUGH	96	83	14,701	564.6
KODIAK ISLAND BOROUGH	40	55	14,062	391.1
LAKE AND PENINSULA	8	12	1,808	663.7
MATANUSKA-SUSITNA BOROUGH	197	247	50,665	487.5
NOME	50	61	9,119	668.9
NORTH SLOPE BOROUGH	27	30	7,119	421.4
NORTHWEST ARCTIC BOROUGH	34	48	6,521	736.1
PRINCE OF WALES-OUTER KETCHIKAN	19	23	7,010	328.1
SITKA BOROUGH	55	54	8,682	622.0
SOUTHEAST FAIRBANKS	20	31	6,271	494.3
VALDEZ-CORDOVA	52	45	10,487	429.1
WADE HAMPTON	30	35	6,707	521.8
WRANGELL-PETERSBURG	44	54	7,217	748.2
YAKUTAT	7	3	798	375.9
YUKON-KOYUKUK	34	51	6,373	800.3
CENSUS AREA UNKNOWN		1		
OUT OF STATE	159			
TOTAL	2,755	2,613	607,314	430.3

The 1996 crude death rate for Alaska of 430.3 compares with a crude death rate of 423.9 in 1995, 408.9 in 1994, 400.7 in 1993, 394.7 in 1992, and 387.1 in 1991. The 1996 crude death rate for the United States was 875.4 per 100,000 population.¹ Table 5.1A provides numbers of deaths, estimated population, crude death rates, and place of

death by census area throughout the state. Note that the 'Place of Death' column includes non-residents who died in Alaska and residents who died outside the state.

TABLE 5.1B DEATHS BY NATIVE REGIONAL CORPORATION OF RESIDENCE AND BY PLACE OF DEATH (INCLUDES NON-RESIDENTS), ALASKA, 1996

NATIVE REGIONAL CORPORATION	RESIDENCE	PLACE OF DEATH
AHTNA	31	19
ALEUT	15	17
ARCTIC SLOPE	27	30
BERING STRAITS	50	61
BRISTOL BAY	28	36
CALISTA	92	115
CHUGACH	50	56
COOK INLET	1,514	1,429
DOYON	365	382
KONIAG	40	55
NANA	34	48
SEALASKA	350	364
OUTSIDE ALASKA	159	
UNKNOWN		1
TOTAL	2,755	2,613

DEATHS BY RACE AND SEX

As individual groups, males and Natives account for a disproportionate number of deaths. Males make up 52.1 percent of the population in Alaska but accounted for 59.2 percent (1,546) of all deaths in 1996. Natives constituted 16.5 percent of the population and accounted for 23.5 percent of all deaths in 1996. The median age for all deaths was 65.0 years. The median age of death for males was 60.0 and for females was 70.0. The median age of death for whites was 66.5 and for Natives was 60.0.

The total number of deaths for whites in 1996 was 1,850 compared to 1,848 in 1995. The total number of deaths for Natives in 1996 was 613 compared to 561 in 1995, an increase of 9.3 percent. The total number of deaths for all other races in 1996 was 150 compared to 149 in 1995, an increase of 0.7 percent. The overall increase in the number of deaths from 1995 to 1996 was 2.2 percent.

To ensure more consistent reporting and calculation of rates by race in this report, the race on the death certificate has been compared with the race on the birth certificate for all decedents who were born in Alaska in 1989 or later. (1989 was the first year in which the child's race at birth was determined by the mother's race.) For those showing different races on the death and birth certificates, the race as shown on the birth certificate is used for purposes of analysis in this report.

1 National Center for Health Statistics, U.S. Department of Health and Human Services, "Births and Deaths: United States, 1996," *Monthly Vital Statistics Report*, Vol. 46, No. 1(S2), September 11, 1997, Table E, page 5.

TABLE 5.2A DEATHS BY THE DECEDENT'S CENSUS AREA OF RESIDENCE, RACE AND SEX, ALASKA, 1996

CENSUS AREA OF DECEDENT'S RESIDENCE	RACE AND SEX OF DECEDENT									TOTAL	
	WHITE		NATIVE		BLACK		ASIAN/PI		UNK		
	M	F	M	F	M	F	M	F	M		
ALEUTIANS EAST	1		2	1							4
ALEUTIANS WEST	6	1	3	2						1	13
ANCHORAGE	421	334	47	63	37	20	27	25		1	975
ANGOON-HOONAH-SKG	6	2	11	1							20
BETHEL	9		37	34							80
BRISTOL BAY	1		1								2
DENALI	1	1	1				1				4
DILLINGHAM	3		10	9							22
FAIRBANKS NSB	151	96	18	18	9	1	1	3			297
HAINES BOROUGH	4	3	2	1							10
JUNEAU BOROUGH	49	46	13	3		1	4	1			117
KENAI PENINSULA	126	80	18	8	2	1		1			236
KETCHIKAN	38	27	10	5			2	1			83
KODIAK ISLAND	17	17	13	5			3				55
LAKE-PENINSULA		2	6	4							12
MATANUSKA-SUSITNA	141	92	7	6	1						247
NOME	6		29	26							61
NORTH SLOPE	4	1	18	7							30
NORTHWEST ARCTIC	3	1	28	16							48
PRINCE OF WALES	6	4	8	4					1		23
SITKA BOROUGH	21	15	9	5		1	1	2			54
SE FAIRBANKS	21	5	3	1				1			31
VALDEZ-CORDOVA	25	8	5	7							45
WADE HAMPTON	1		19	15							35
WRANGELL-PETERSBG	31	14	5	3			1				54
YAKUTAT	1			2							3
YUKON-KOYUKUK	5	2	33	11							51
UNKNOWN	1										1
TOTAL	1,099	751	356	257	49	24	40	35	2		2,613

TABLE 5.2B DEATHS BY THE DECEDENT'S NATIVE REGIONAL CORPORATION OF RESIDENCE, RACE AND SEX, ALASKA, 1996

NATIVE REGIONAL CORPORATION OF DECEDENT'S RESIDENCE	RACE AND SEX OF DECEDENT									TOTAL
	WHITE		NATIVE		BLACK		ASIAN/PI		UNK	
	M	F	M	F	M	F	M	F	M	
AHTNA INC.	9	3	4	3						19
ALEUT CORP.	7	1	5	3					1	17
ARCTIC SLOPE CORP.	4	1	18	7						30
BERING STRAITS CORP.	6		29	26						61
BRISTOL BAY CORP.	4	2	17	13						36
CALISTA CORP	10		56	49						115
CHUGACH NATIVES INC.	31	11	7	5	1	1				56
COOK INLET REG CORP.	673	500	67	76	39	20	27	26	1	1,429
DOYON LTD.	178	104	54	30	9	1	2	4		382
KONIAG INC.	17	17	13	5			3			55
NANA REGIONAL CORP.	3	1	28	16						48
SEALASKA CORP.	156	111	58	24		2	8	5		364
UNKNOWN	1									1
TOTAL	1,099	751	356	257	49	24	40	35	2	2,613

DEATHS BY AGE

TABLE 5.3A DEATHS BY THE DECEDENT'S CENSUS AREA OF RESIDENCE AND AGE, ALASKA, 1996

CENSUS AREA OF DECEDENT'S RESIDENCE	AGE AT DEATH										TOTAL
	<5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
ALEUTIANS EAST						1	1	2			4
ALEUTIANS WEST	1		2		4	1	1	2	2		13
ANCHORAGE	32	5	39	49	100	117	142	190	187	114	975
ANGOON-HOONAH-SKG	1	1		1	3	2	2	3	5	2	20
BETHEL	3	2	7	5	8	13	5	13	17	7	80
BRISTOL BAY					1		1				2
DENALI					1	2	1				4
DILLINGHAM	2		1	2	2		1	6	5	3	22
FAIRBANKS NSB	10	3	9	13	17	44	49	62	60	30	297
HAINES BOROUGH			2		1		1	3	3		10
JUNEAU BOROUGH	1	1	4	7	14	10	11	26	26	17	117
KENAI PENINSULA	6	2	6	14	19	24	34	57	43	31	236
KETCHIKAN	4		1	3	6	12	10	18	18	11	83
KODIAK ISLAND	4		4	3	3	7	8	10	14	2	55
LAKE-PENINSULA			1	3		1	1	4		2	12
MATANUSKA-SUSITNA	8	4	11	6	25	30	38	51	44	30	247
NOME	2	1	7	4	8	7	10	6	12	4	61
NORTH SLOPE	2		1	4	2	5	6	7	2	1	30
NORTHWEST ARCTIC	4	1	4	2	11	6	3	5	9	3	48
PRINCE OF WALES	1			3	2	1	7	2	5	2	23
SITKA BOROUGH	1		1	3	1	6	4	16	14	8	54
SE FAIRBANKS	1	1	2	1	1	5	3	7	6	4	31
VALDEZ-CORDOVA	2		4	4	5	6	6	13	4	1	45
WADE HAMPTON	4	1	4	5		2	3	4	6	6	35
WRANGELL-PETERSBG	1	1		4	1	3	7	11	18	8	54
YAKUTAT							1	1	1		3
YUKON-KOYUKUK	3	1	8	8	7	3	5	7	4	5	51
UNKNOWN								1			1
TOTAL	93	24	118	144	242	308	361	527	505	291	2,613

TABLE 5.3B DEATHS BY THE DECEDENT'S NATIVE REGIONAL CORPORATION OF RESIDENCE AND AGE, ALASKA, 1996

N R C OF DECEDENT'S RESIDENCE	AGE AT DEATH										TOTAL
	<5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
AHTNA	1		2	1	2	6	1	4	2		19
ALEUT	1		2		4	2	2	4	2		17
ARCTIC SLOPE	2		1	4	2	5	6	7	2	1	30
BERING STRAITS	2	1	7	4	8	7	10	6	12	4	61
BRISTOL BAY	2		2	5	3	1	3	10	5	5	36
CALISTA	7	3	11	10	8	15	8	17	23	13	115
CHUGACH	1		3	3	3	5	11	16	9	5	56
COOK INLET	46	11	55	69	144	167	208	291	267	171	1,429
DOYON	14	5	19	22	26	53	58	76	70	39	382
KONIAG	4		4	3	3	7	8	10	14	2	55
NANA	4	1	4	2	11	6	3	5	9	3	48
SEALASKA	9	3	8	21	28	34	43	80	90	48	364
UNKNOWN								1			1
TOTAL	93	24	118	144	242	308	361	527	505	291	2,613

Death rates vary widely by race and sex. Males and Natives have significantly higher death rates than other groups. Whites had a race-specific death rate of 408 per 100,000 white population, and Natives had a race-specific death rate of 613 per 100,000 Native population (Table 5.4A). The sex-specific death rate for Alaskan males was 488 deaths per 100,000 male population, and was 367 per 100,000 female population (Table 5.4B). Consequently, Native males had a race/sex-specific death rate more than twice that of white females (Table 5.5). Rates calculated on a small number of events are not statistically reliable. For this reason rates have been blacked out for population segments with less than three deaths.

TABLE 5.4A RACE-SPECIFIC DEATH RATES AND PERCENTAGES BY AGE GROUP, ALASKA, 1996

AGE AT DEATH	RACE OF DECEDENT								
	WHITE			NATIVE			ALL OTHER		
	DTHS	PCT	RATE	DTHS	PCT	RATE	DTHS	PCT	RATE
<5	46	2.5	130	39	6.4	320	8	5.3	149
05-14	13	0.7	17	11	1.8	46	0	0.0	
15-24	60	3.2	114	45	7.3	277	13	8.7	153
25-34	90	4.9	125	43	7.0	296	11	7.3	99
35-44	175	9.5	181	55	9.0	386	12	8.0	127
45-54	216	11.7	319	74	12.1	875	18	12.0	346
55-64	262	14.2	918	78	12.7	1,468	21	14.0	897
65-74	400	21.6	2,572	99	16.2	3,098	28	18.7	1,740
75-84	368	19.9	5,729	111	18.1	7,923	26	17.3	4,797
85+	220	11.9	17,107	58	9.5	13,395	13	8.7	12,150
TOTAL	1,850	100.0	408	613	100.0	613	150	100.0	277

TABLE 5.4B SEX-SPECIFIC DEATH RATES AND PERCENTAGES BY AGE GROUP, ALASKA, 1996

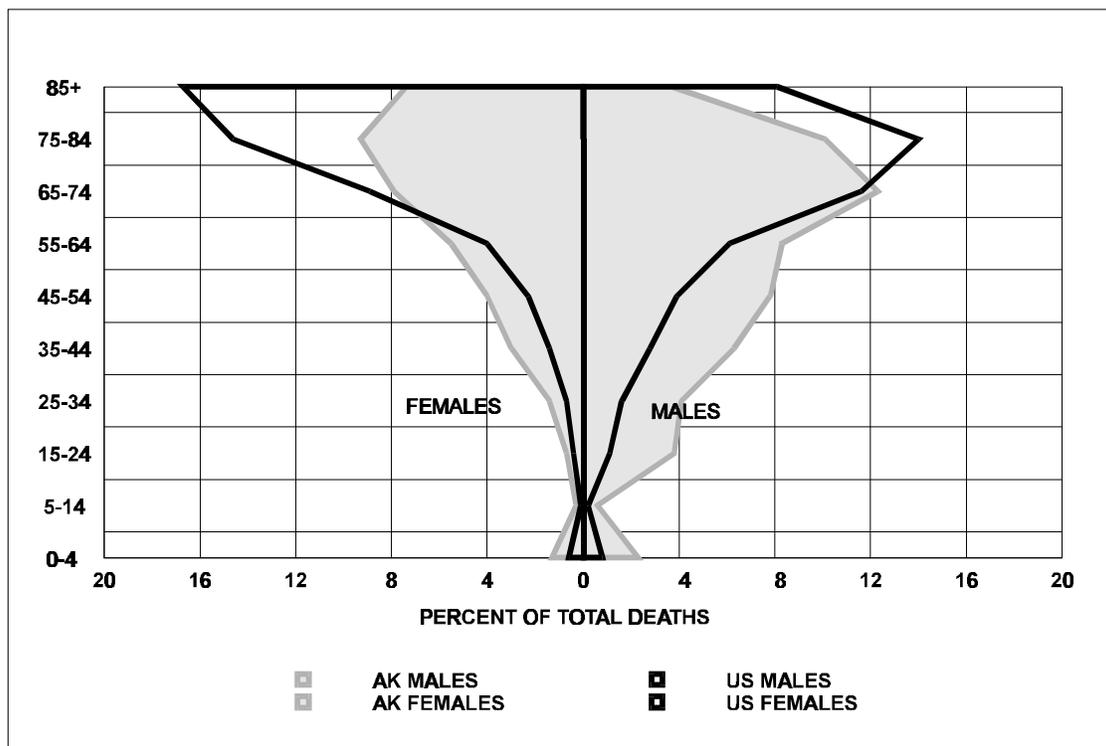
AGE AT DEATH	SEX OF DECEDENT								
	MALE			FEMALE			TOTAL		
	DTHS	PCT	RATE	DTHS	PCT	RATE	DTHS	PCT	RATE
<5	59	3.8	219	34	3.2	131	93	3.6	176
05-14	15	1.0	26	9	0.8	17	24	0.9	22
15-24	99	6.4	248	19	1.8	51	118	4.5	153
25-34	108	7.0	206	36	3.4	80	144	5.5	148
35-44	164	10.6	262	78	7.3	134	242	9.3	201
45-54	203	13.1	461	105	9.8	282	308	11.8	379
55-64	216	14.0	1,118	145	13.6	859	361	13.8	997
65-74	321	20.8	3,180	206	19.3	2,007	527	20.2	2,589
75-84	264	17.1	7,145	241	22.6	5,158	505	19.3	6,036
85+	97	6.3	15,015	194	18.2	16,441	291	11.1	15,936
TOTAL	1,546	100.0	488	1,067	100.0	367	2,613	100.0	430

TABLE 5.5 RACE/SEX-SPECIFIC DEATH RATES AND PERCENTAGES BY AGE GROUP, ALASKA, 1996

AGE	RACE AND GENDER OF DECEDENT																	
	WHITE						NATIVE						ALL OTHER					
	MALE			FEMALE			MALE			FEMALE			MALE			FEMALE		
	DTHS	PCT	RATE	DTHS	PCT	RATE	DTHS	PCT	RATE	DTHS	PCT	RATE	DTHS	PCT	RATE	DTHS	PCT	RATE
<5	26	2.4	145	20	2.7	115	26	7.3	419	13	5.1	218	7	7.7	254	1	1.7	
05-14	8	0.7	20	5	0.7	13	7	2.0	57	4	1.6	34	0	0.0		0	0.0	
15-24	49	4.5	183	11	1.5	43	39	11.0	466	6	2.3	76	11	12.1	229	2	3.4	
25-34	72	6.6	186	18	2.4	54	29	8.1	388	14	5.4	199	7	7.7	111	4	6.8	83
35-44	120	10.9	236	55	7.3	120	34	9.6	496	21	8.2	284	10	11.0	211	2	3.4	
45-54	146	13.3	391	70	9.3	230	45	12.6	1,089	29	11.3	671	12	13.2	460	6	10.2	231
55-64	162	14.7	1,029	100	13.3	781	42	11.8	1,647	36	14.0	1,303	12	13.2	1,168	9	15.3	685
65-74	248	22.6	3,110	152	20.2	2,006	58	16.3	3,938	41	16.0	2,380	15	16.5	2,318	13	22.0	1,351
75-84	197	17.9	6,671	171	22.8	4,927	54	15.2	9,908	57	22.2	6,659	13	14.3	6,599	13	22.0	3,768
85+	71	6.5	17,574	149	19.8	16,893	22	6.2	12,291	36	14.0	14,173	4	4.4	6,349	9	15.3	20,455
TOTAL	1,099	100.0	461	751	100.0	350	356	100.0	711	257	100.0	514	91	100.0	324	59	100.0	227

Chart 5.1 shows the percent of total deaths for Alaska and the United States by age group and sex. The percentage of U.S. males and females dying after age 65 is much higher than for Alaska, while the percentage of total deaths at ages 64 and under is much higher in Alaska.

CHART 5.1 PERCENT OF DEATHS BY AGE AND SEX, ALASKA AND THE UNITED STATES, 1996²



AGE-ADJUSTED DEATH RATES

Since the population of Alaska is younger than the population of the country as a whole, crude death rates and percentages by age do not provide a valid comparison between the two populations. In this case, age-adjusted death rates are used. Please refer to Appendix B for an explanation of how age-adjusted death rates are calculated. Table 5.6 shows age adjusted death rates for Alaska and the United States³ for certain populations.

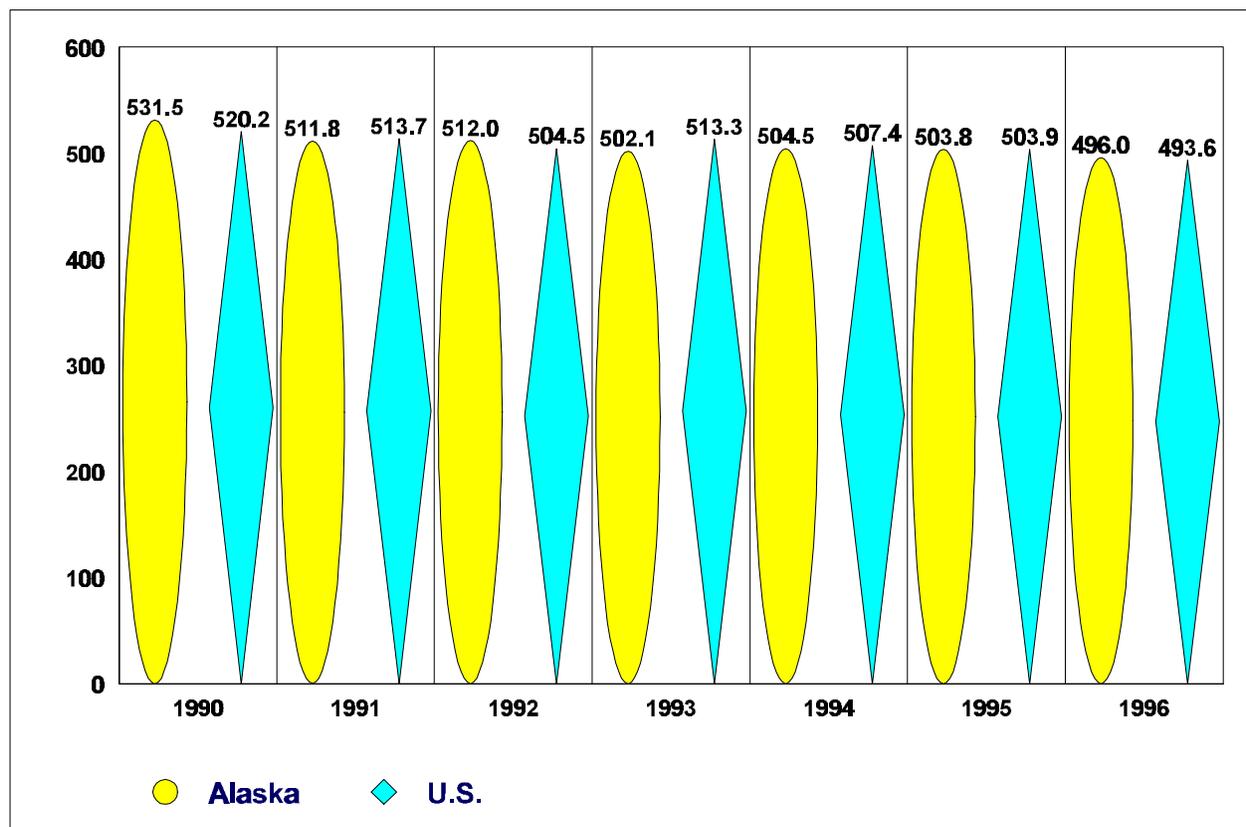
Chart 5.2 compares age-adjusted death rates for the populations of Alaska and the United States from 1986 through 1996. Rates are per 100,000 population, adjusted to the 1940 U.S. standard million population. (See Appendix A for the definition of *standard million population*.)

2 National Center for Health Statistics, U.S. Department of Health and Human Services, "Births and Deaths: United States, 1996," *Monthly Vital Statistics Report*, Vol. 46, No. 1(S2), September 11, 1997, Table 10, p. 18.
 3 Ibid., Table 10, pp. 18-21.

TABLE 5.6 AGE-ADJUSTED DEATH RATES FOR CERTAIN POPULATIONS, ALASKA AND UNITED STATES, 1990-1996

POPULATION	1990	1991	1992	1993	1994	1995	1996
Alaska Males	673.7	645.9	627.9	620.8	622.1	627.9	600.2
U.S. Males	680.2	669.9	656.0	664.9	654.6	646.3	626.7
Alaska Females	388.5	377.6	395.3	381.2	385.0	375.3	388.4
U.S. Females	390.6	386.5	380.3	388.3	385.2	385.2	382.3
Alaska Whites	497.8	472.8	467.8	457.7	465.1	479.8	461.8
U.S. Whites	492.8	486.8	477.5	485.1	479.8	476.9	469.2
Alaska Natives	774.6	775.0	791.2	763.2	792.4	686.2	730.8
U.S. American Indian	445.1	441.8	453.1	468.9	460.7	468.5	462.6
Alaska Other Races	400.4	325.2	376.3	401.6	331.6	397.0	387.1
U.S. Blacks	789.2	780.7	767.5	785.2	772.1	765.7	737.8
Alaska Total	531.5	511.8	512.0	502.1	504.5	503.8	496.0
U.S. Total	520.2	513.7	504.5	513.3	507.4	503.9	493.6

CHART 5.2 AGE-ADJUSTED DEATH RATES, ALASKA AND THE UNITED STATES, 1990-1996



EXPECTATION OF LIFE

The expectation of life at birth for 1996 is the average number of years that infants born during 1996 could expect to live if they were to experience the same age-specific death rates experienced during 1996. The expectation of life for the United States during 1996 was 76.1 years, surpassing the previous record high of 75.8 achieved in 1995 and in 1992.⁴ In Alaska, expectation of life is calculated using five years of data to reduce the possibility of year-to-year random fluctuations. From 1992-1996, the expectation of life in Alaska was 74.2, the same as from 1991-1995. Females generally have a longer life expectancy than males. For Alaskan females, the 1992-1996 expectation of life was 77.1, the same as for 1991-1995, and for males it was 71.8, fractionally higher than the 71.7 years from 1991-1995. From 1992-1996, whites had a life expectancy of 75.2, again the same as from 1991-1995, and Natives had a life expectancy of 68.8 years, up from 68.5 from 1991-1995. For an explanation of how expectation of life is calculated, see Appendix B.

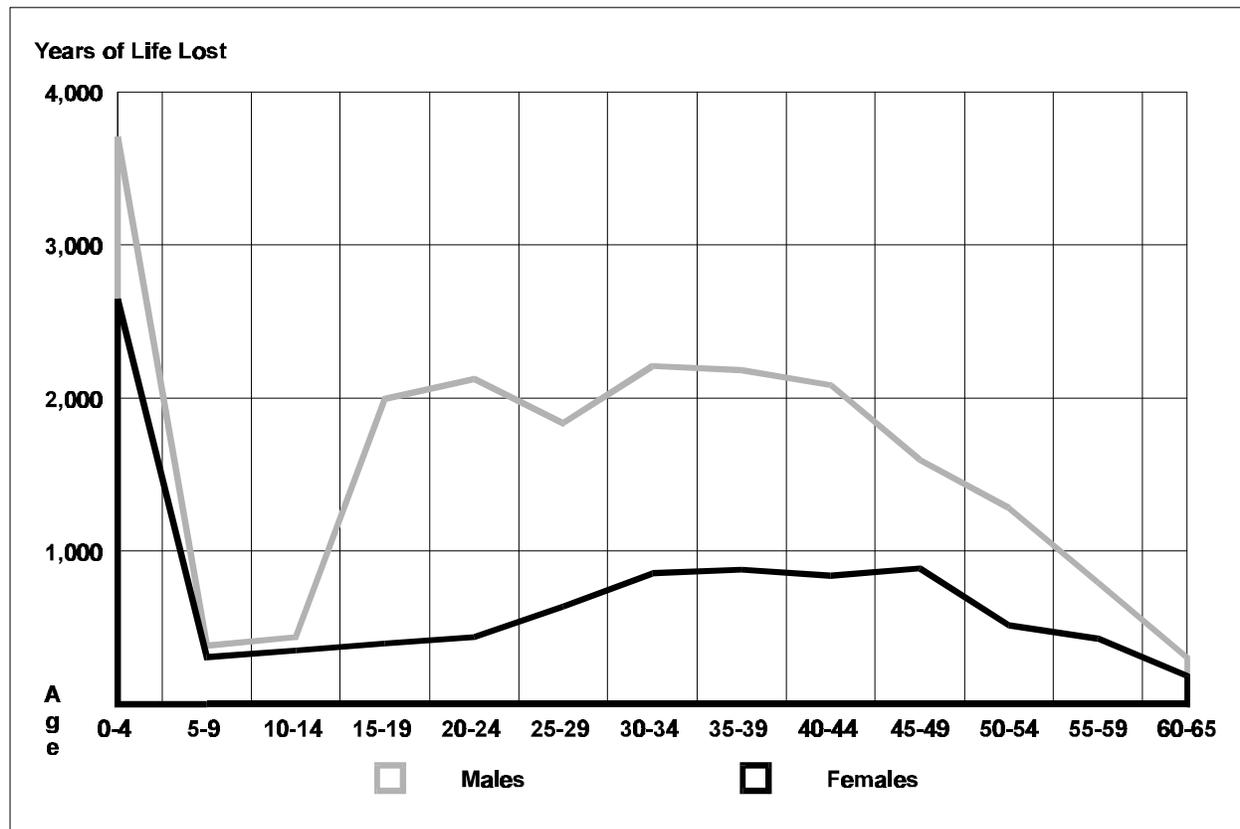
YEARS OF LIFE LOST

Years of Life Lost (YLL) is one indicator of the risk of mortality for a population. YLL statistics emphasize mortality in younger populations and are calculated by multiplying the number of deaths within an age group by the remaining number of years of productive life. (For more information on calculation of Years of Life Lost, see Appendix B.)

Chart 5.3 shows YLL for males and females in Alaska. For calculation purposes, deaths were assumed to occur at the midpoint of the age interval. Data in Chart 5.3 are based upon a standard definition of 65 years of productive life for males and females and was derived by averaging data for a three-year period, from 1994 to 1996.

4 Ibid., page 4.

CHART 5.3 YEARS OF LIFE LOST IN ALASKA BY FIVE-YEAR AGE GROUPS, 3-YEAR AVERAGE VALUES, 1994-1996



CAUSES OF DEATH IN ALASKA

As used in this report, *cause of death* is the underlying cause of death shown on the death certificate. The underlying cause of death is defined by the World Health Organization’s International Classification of Diseases, Ninth Revision (ICD-9) as the disease or injury which initiated the sequence of morbid events leading directly to the death, or the circumstances of the accident or violence which produced the fatal injury. The National Center for Health Statistics has categorized causes of death for the purpose of uniform analyses in all 50 states.⁵ For statistical purposes, causes of death are generally grouped into 72 selected categories. For special analyses, causes of death have been broken into other categories. Appendix C lists the selected causes of death used in the following tables and specifies the ICD-9 codes associated with each.

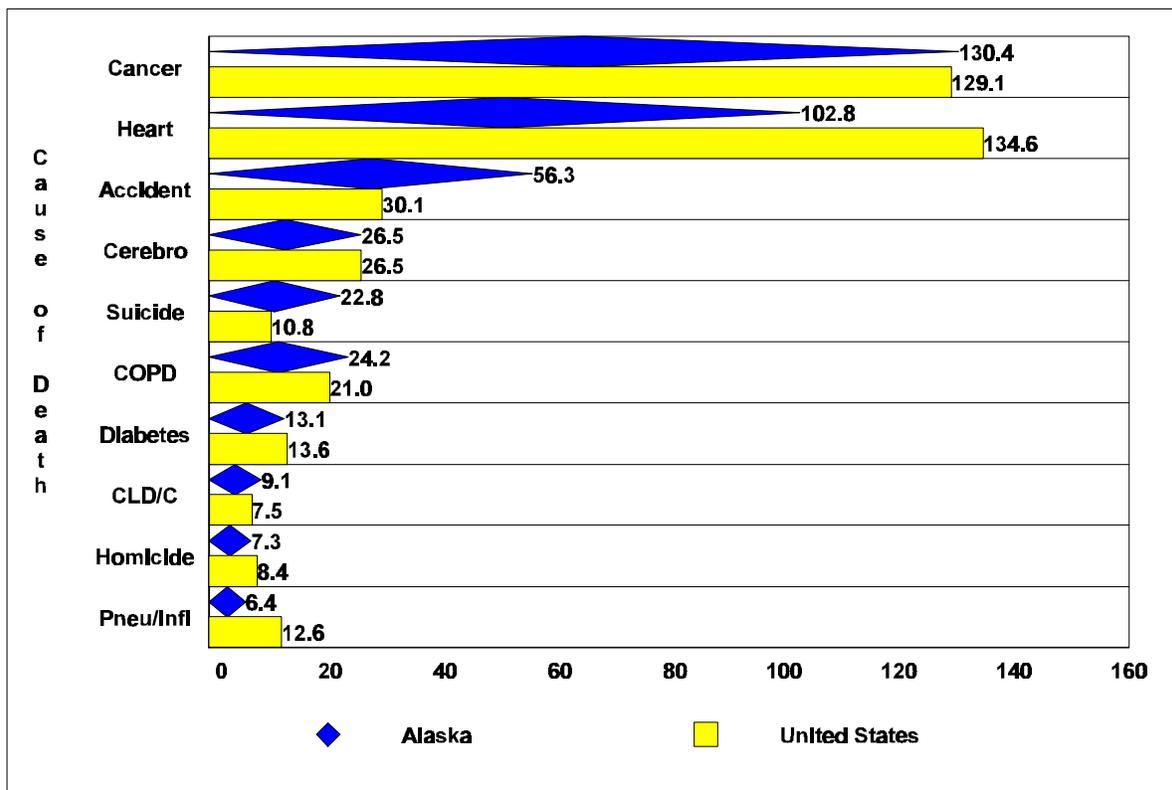
Table 5.7A lists the age-adjusted death rates for Alaska and the United States for the total population, males, and females, for the ten leading causes of death in Alaska. United States’ rankings are given in parentheses. Chart 5.4 is a graph of the age-adjusted death rates for Alaska’s ten leading causes of death.

5 National Center for Health Statistics, Public Health Service, U.S. Department of Health and Human Services, “Vital Statistics: ICD-9 Underlying Cause-of-Death Lists for Tabulating Mortality Statistics,” *Instruction Manual, Part 9, Tabulation*, Effective 1979.

TABLE 5.7A COMPARISON OF AGE-ADJUSTED DEATH RATES FOR THE TEN LEADING CAUSES OF DEATH IN ALASKA, ALASKA AND UNITED STATES, 1996 (US RANKINGS IN PARENTHESES)⁶

CAUSE OF DEATH	TOTAL		ALASKA	
	ALASKA	U.S.	MALES	FEMALE
1 (2) CANCER	130.4	129.1	146.4	116.5
2 (1) HEART DISEASE	102.8	134.6	129.3	76.0
3 (5) ACCIDENTS & ADVERSE EFFECTS	56.3	30.1	86.5	23.5
4 (3) CEREBROVASCULAR DISEASES	26.5	26.5	22.5	30.3
5 (9) SUICIDE	22.8	10.8	35.9	8.5
6 (4) CHRONIC OBSTRUCTIVE PULMONARY DISEASES	24.2	21.0	21.7	26.4
7 (7) DIABETES MELLITUS	13.1	13.6	13.1	12.9
8 (10) CHRONIC LIVER DISEASE & CIRRHOSIS	9.1	7.5	10.2	7.8
9 (14) HOMICIDE & LEGAL INTERVENTION	7.3	8.4	9.7	4.8
10 (6) PNEUMONIA & INFLUENZA	6.4	12.6	7.1	5.7
ALL CAUSES	496.0	494.1	600.2	388.4

CHART 5.4 AGE-ADJUSTED DEATH RATES BY CAUSE OF DEATH, ALASKA AND THE UNITED STATES, 1996



⁶ Ibid., Table 11, pp. 24-25.

TABLE 5.7B DEATHS, DEATH RATES AND PERCENTAGES FOR THE FIFTEEN LEADING CAUSES OF DEATH IN THE U.S. (ALASKA RANK IN PARENTHESES), 1996

15 LEADING CAUSES OF DEATH IN THE U.S. (AND ALASKA)	ALASKA DEATHS	ALASKA CRUDE RATE	U.S. CRUDE RATE	ALASKA PCT	U.S. PCT
01 (02) HEART DISEASE	526	86.6	276.6	20.1	31.6
02 (01) CANCER	648	106.7	205.2	24.8	23.4
03 (04) CEREBROVASCULAR DISEASES	141	23.2	60.5	5.4	6.9
04 (06) CHRONIC OBSTRUCTIVE PULMONARY DISEASES	115	18.9	40.0	4.4	4.6
05 (03) ACCIDENTS & ADVERSE EFFECTS	328	54.0	35.4	12.6	4.0
06 (10) PNEUMONIA & INFLUENZA	36	5.9	31.1	1.4	3.6
07 (07) DIABETES MELLITUS	64	10.5	23.2	2.4	2.7
08 (16) HIV INFECTION	16	2.6	12.3	0.6	1.4
09 (05) SUICIDE	128	21.1	11.6	4.9	1.3
10 (08) CHRONIC LIVER DISEASE & CIRRHOSIS	55	9.1	9.5	2.1	1.1
11 (14) NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	20	3.3	9.2	0.8	1.1
12 (18) SEPTICEMIA	15	2.5	8.1	0.6	0.9
13 (12) ALZHEIMER'S DISEASE	25	4.1	8.0	1.0	0.9
14 (09) HOMICIDE & LEGAL INTERVENTION	42	6.9	7.8	1.6	0.9
15 (15) ATHEROSCLEROSIS	17	2.8	6.3	0.7	0.7
ALL OTHER CAUSES	437	72.0	130.6	16.7	14.9
ALL CAUSES	2,613	430.3	875.4	100.0	100.0

Tables 5.7A and 5.7B and Chart 5.4 show different rankings for the leading causes of death in Alaska and the United States. There is also a difference in the rankings of the leading causes of death in Alaska for males and females, and for whites and Natives. Table 5.7C shows the rankings of the leading causes of death for each group.

Smoking Related Deaths

While not listed as the underlying cause of death, smoking kills almost as many Alaskans as accidents, suicides, and homicides combined (the third, fifth, and ninth leading causes of death in Alaska). Using software provided by the Centers for Disease Control, the Section of Epidemiology estimates that 26.5 percent of all cardiovascular deaths (ICD-9 codes 390-448), 33.0 percent of all cancer deaths (ICD-9 codes 140-208), 51.7 percent of all respiratory disease deaths (ICD-9 codes 460-519), and 6.9 percent of infant deaths for ICD-9 codes 740-779 (congenital anomalies and perinatal period conditions) and 798.0 (sudden infant death syndrome) are smoking related.⁷ Using these estimates, smoking caused 572 cardiovascular deaths, 589 cancer deaths, 283 respiratory deaths, and 12 infant deaths from 1993 to 1996. In addition, ICD-9 code 305.1 refers directly to tobacco dependence which resulted in another four deaths in the three-year period. This brings the total of smoking-related deaths to 1,460. In comparison, the total number of deaths from 1993 to 1996 due to accidents, suicides and homicides was 1,500.

⁷ Schumacher, Catherine, MD, MSPH, Department of Health and Social Services, Division of Public Health, Section of Epidemiology, *Bulletin*, No. 1, January 12, 1996.

TABLE 5.7C RANK OF LEADING CAUSES OF DEATH IN ALASKA, 1996

15 LEADING CAUSES OF DEATH IN ALASKA	TOTAL		ALASKA			
	ALASKA	U.S.	MALE	FEMALE	WHITE	NATIVE
CANCER	1	2	1	1	1	2
HEART DISEASE	2	1	2	2	2	1
ACCIDENTS & ADVERSE EFFECTS	3	5	3	4	3	3
CEREBROVASCULAR DISEASES	4	3	5	3	4	5
SUICIDE	5	9	4	7	6	4
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	6	4	6	5	5	6
DIABETES MELLITUS	7	7	7	6	7	15
CHRONIC LIVER DISEASE & CIRRHOSIS	8	10	7	8	8	8
HOMICIDE & LEGAL INTERVENTION	9	14	9	11	9	9
PNEUMONIA & INFLUENZA	10	6	10	9	12	7
CONGENITAL ANOMALIES	11	N/A	11	13	11	11
ALZHEIMER'S DISEASE	12	13	15	10	10	15
PERINATAL PERIOD CONDITIONS	13	N/A	11	16	15	10
NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	14	11	16	12	14	11
ATHEROSCLEROSIS	15	15	13	17	13	20

CHART 5.5 AGE-ADJUSTED DEATH RATES BY SEX FOR THE TEN LEADING CAUSES OF DEATH IN ALASKA, 1996

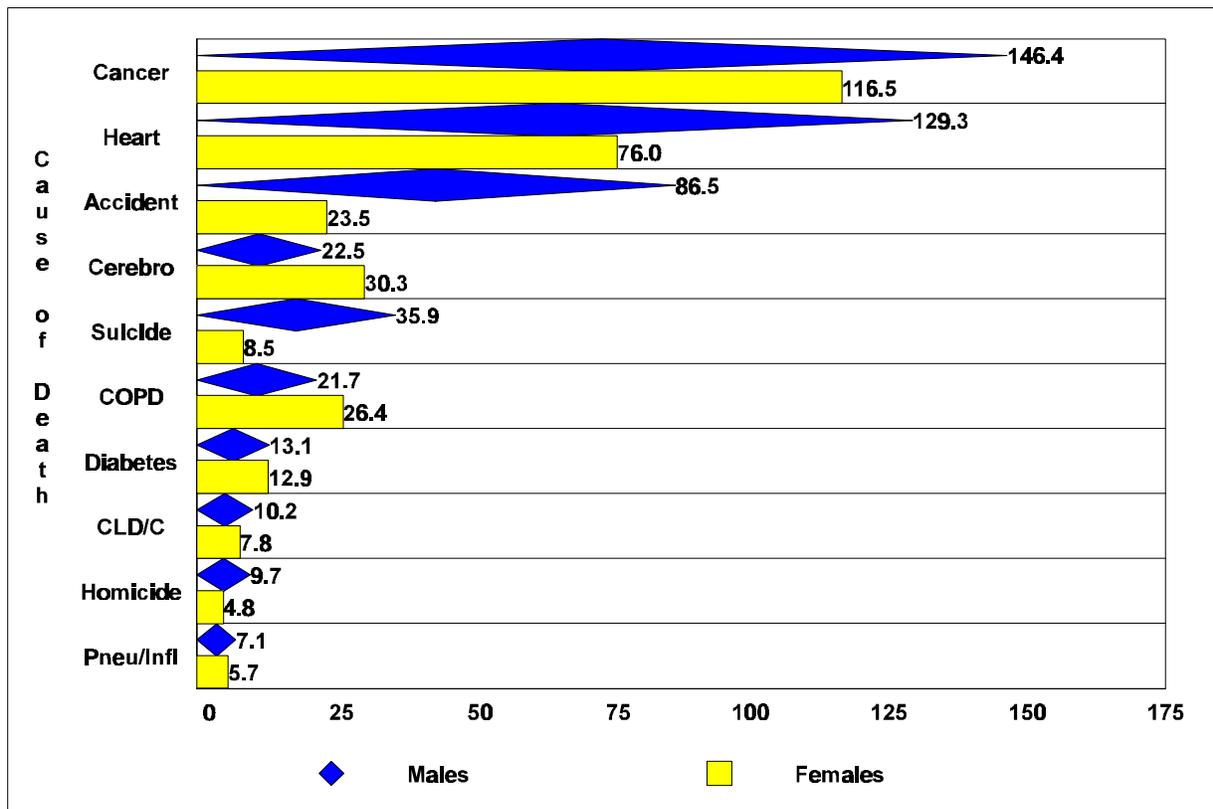
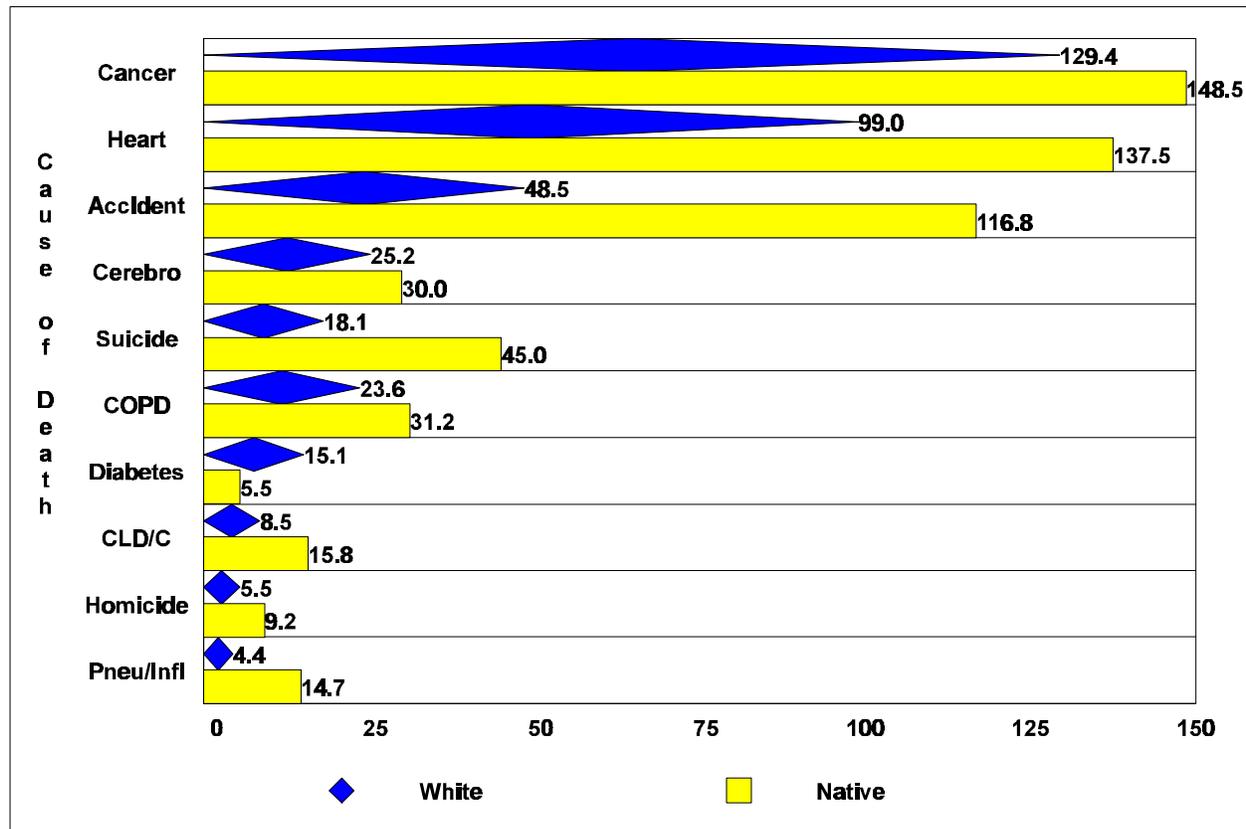


CHART 5.6 AGE-ADJUSTED DEATH RATES FOR WHITES AND NATIVES FOR THE TEN LEADING CAUSES OF DEATH IN ALASKA, 1996



Charts 5.4 through 5.6 show comparisons of the age-adjusted death rates for the leading causes of death for the United States and Alaska (Chart 5.4), for Alaskan males and females (Chart 5.5), and for Alaskan whites and Natives (Chart 5.6). Also refer to Table 5.7C for rankings for specific populations. Table 5.7D shows the age-adjusted death rates by cause for Alaska for the years 1992-1996, and for the United States for 1995 and 1996. Note that the age-adjusted death rate in Alaska for accidents is nearly twice that of the United States, and the suicide rate for Alaska is more than twice that of the United States..

TABLE 5.7D AGE-ADJUSTED DEATH RATES FOR THE TEN LEADING CAUSES OF DEATH IN ALASKA, 1992-1996, AND UNITED STATES, 1996⁸

CAUSE OF DEATH	AGE-ADJUSTED DEATH RATE						
	ALASKA					U.S.	
	1992	1993	1994	1995	1996	1995	1996
CANCER	125.1	125.4	124.5	120.1	130.4	129.9	129.1
HEART DISEASE	127.1	112.1	116.1	114.4	102.8	138.3	134.6
ACCIDENTS & ADVERSE EFFECTS	63.5	51.5	55.3	55.8	56.3	30.5	30.1
CEREBROVASCULAR DISEASES	25.3	25.5	26.5	29.5	26.5	26.7	26.5
SUICIDE	23.8	24.5	26.6	20.7	22.8	11.2	10.8
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	22.9	23.4	22.8	23.4	24.2	20.8	21.0
DIABETES MELLITUS	11.2	14.3	10.8	11.6	13.1	13.3	13.6
CHRONIC LIVER DISEASE & CIRRHOSIS	10.3	11.1	7.9	10.9	9.1	7.6	7.5
HOMICIDE & LEGAL INTERVENTION	8.3	9.5	8.5	10.1	7.3	9.4	8.4
PNEUMONIA & INFLUENZA	10.0	9.3	11.1	11.2	6.4	12.9	12.6
ALL CAUSES OF DEATH	512.0	502.1	504.5	503.8	496.0	503.9	494.1

INTERNAL CAUSES OF DEATH

Cancer

Cancer ranked as the leading cause of death in Alaska in 1996 with a total of 648 deaths compared to 571 deaths in 1995. The age-adjusted cancer death rate rose from 120.1 deaths per 100,000 population in 1995 to an all-time high of 130.4 deaths per 100,000 population in 1996. Cancer ranked as the leading cause of death in Alaska for the first time in 1990, and has been the leading cause of death every year since with one exception: heart disease was the leading cause of death in 1992.

The Section of Epidemiology estimates that 1/3 of all cancer deaths are related to smoking. (Refer to "Smoking Related Deaths" on page 94.)

When calculating Years of Life Lost (YLL) by cause of death, cancer results in the third greatest number of years of life lost (3,346).

Heart Disease

Heart disease ranked as the second leading cause of death in 1996 with 526 deaths. This is a 4.0 percent decrease from the 548 deaths from heart disease in 1995. The age-adjusted death rate for heart disease decreased to 102.8 from 114.4 deaths per 100,000 population in 1995. Heart disease is ranked fourth in years of life lost (2,219 years).

The Section of Epidemiology estimates that 26.5 percent of all deaths from cardiovascular disease (heart disease, hypertension, cerebrovascular disease, and atherosclerosis) are related to smoking.

Heart disease is the leading cause of death in the United States. Heart disease was the leading cause of death in Alaska every year from 1986 through 1989, and in 1992. It continues to be the leading cause of death for Alaska Natives.

⁸ National Center for Health Statistics, U.S. Department of Health and Human Services, "Births and Deaths: United States, 1996," *Monthly Vital Statistics Report*, Vol. 46, No. 1(S2), September 11, 1997, Table 11, pp. 24-25.

Cerebrovascular Disease

Cerebrovascular disease was the fourth leading cause of death in Alaska in 1996, the same as 1995. There were 141 deaths from cerebrovascular disease in 1996, compared to 147 in 1995, a 4.1 percent decrease. Cerebrovascular disease was one of only two causes of death in the ten leading causes in which more women died than men (89 women compared to 52 men). People age 65 and over accounted for 75.2 percent of all cerebrovascular deaths. The age adjusted death rate for cerebrovascular disease was 26.5, down from 29.5 in 1995.

Chronic Obstructive Pulmonary Diseases (COPD)

Chronic Obstructive Pulmonary Disease was the sixth leading cause of death in Alaska in 1996. There were 115 deaths from chronic obstructive pulmonary disease in 1996, up from 107 in 1995. People aged 65 and over accounted for 84.3 percent of all COPD deaths. COPD was the second cause of death in the ten leading causes in which more women died than men (67 women compared to 48 men). The Section of Epidemiology estimates that 51.7 percent of all COPD deaths are related to smoking. The age adjusted death rate for COPD in 1996 was 24.2, up from 23.4 in 1995.

Diabetes Mellitus

Diabetes Mellitus was the seventh leading cause of death in Alaska in 1996 with 64 deaths, up from tenth in 1995 with 54 deaths. Diabetes is the only cause in the leading ten causes of death in which whites have a higher age-adjusted death rate than Natives (15.1 deaths per 100,000 white population compared to 5.5 deaths per 100,000 Native population). Exactly the same number of men and women died from Diabetes in 1996 (32 each).

Human Immunodeficiency Virus (HIV) infections

Deaths to Alaskans from human immunodeficiency virus (HIV) infections decreased to 16 deaths in 1996 from 30 deaths in 1995. Nationally, HIV infections ranked as the eighth leading cause of death in 1996. In Alaska HIV fell outside the leading 15 causes of death for the first time since 1991.

EXTERNAL CAUSES OF DEATH

External causes of death, i.e. violent deaths, include three causes: accidents, suicide, and homicide. Young people are more likely to die of external causes than older people. While 19.1 percent of all deaths were from external causes, 64.7 percent of all deaths to people ages 1-44 were from external causes. Males experienced a crude death rate from external causes more than three times that of females (123.5 per 100,000 population compared to 36.8 for females). Natives experienced a crude death rate from external causes more than double that of whites (155.0 per 100,000 compared to 70.4 for whites). In the United States in 1996, 6.4 percent of all deaths were due to external causes compared to 19.1 percent of all deaths in Alaska.

Accidents and Adverse Effects

Accidents and adverse effects ranked as the third leading cause of death in Alaska in 1996 with 328 deaths, down from 332 accidental deaths in 1995. The age-adjusted death rate for accidents and adverse effects was 56.3 per 100,000 population in 1996, up from 55.8 in 1995. Accidents and adverse effects have been the third leading cause of death in Alaska every year since 1986. From 1980 through 1985, accidents were the leading cause of death every year except for 1981 and 1982 when they were the second leading cause of death.

When Years of Life Lost (YLL) is calculated by cause of death, accidents and adverse effects result in the greatest number of Years of Life Lost (9,362 years).

From 1986 through to 1994, accidents and adverse effects were the leading cause of death for Alaska Natives every year except for 1989 and 1993 when they were the second leading cause of death. Accidents and adverse effects continues to be the leading cause of death for Native males. In 1996, the three leading causes of death for all Alaska Natives (males and females) were 1) heart disease, 2) cancer, and 3) accidents and adverse effects. However, the difference between heart disease and cancer was only three deaths, and the difference between cancer and accidents was three deaths.

Accidents and adverse effects was the leading cause of death for all age groups from one year up to 45 years.

Accidents and adverse effects ranks as the fifth leading cause of death in the United States.

Suicide

Suicide ranked as the fifth leading cause of death in Alaska in 1996 with 128 deaths. This is a 10.3 percent increase from the 116 deaths in 1995. The age-adjusted suicide death rate for 1996 was 22.8 deaths per 100,000 population, up from 20.7 deaths per 100,000 population in 1995, which was the lowest age-adjusted suicide rate in Alaska since before 1990.

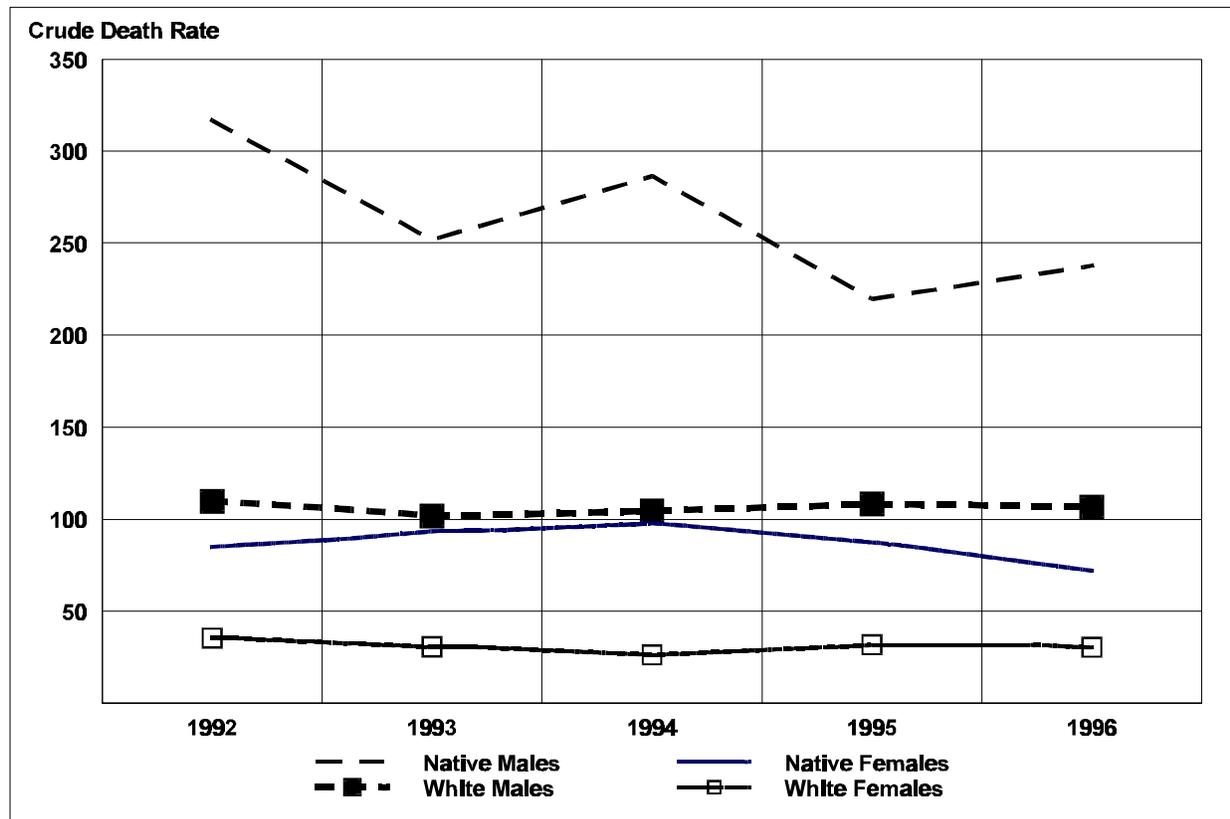
In the 15-24 year age group, there were 35 deaths from suicide, and in the 25-34 year age group there were 35 suicide deaths in 1996, making suicide the second leading cause of death for these age groups. Together, accidents and suicides accounted for 74.0 percent of all deaths in these two age groups. After accidents and adverse effects, suicide results in the greatest number of years of life lost (3,933).

Homicide

Homicide and legal intervention decreased by 28.8 percent, from 59 deaths in 1995 to 42 deaths in 1996. Males made up two-thirds of homicide victims. Whites constituted 59.5 percent of homicide victims; Natives 19 percent. Forty-five percent of all homicide victims were between the ages of 15 and 34.

Homicide was the ninth leading cause of death in 1996, down from the eighth leading cause of death in 1995. It was the fifth leading cause of death in years of life lost (1,612).

CHART 5.7 CRUDE DEATH RATES FOR EXTERNAL CAUSES OF DEATH FOR ALASKA WHITE AND NATIVE RESIDENTS BY SEX, 1992-1996



SPECIFIC DEATH RATES BY CAUSE OF DEATH

Tables 5.8A through 5.10B provide numbers and percentages of deaths by cause for specific populations (by sex, race, and age). Sex-specific, race-specific, sex/race-specific, and age-specific rates are also given. In cases where there were fewer than three deaths, the rates have been blacked out since rates based on small numbers are not meaningful.

TABLE 5.8A ALASKA RESIDENT DEATHS, PERCENT, AND SEX-SPECIFIC DEATH RATES FOR THE FIFTEEN LEADING CAUSES OF DEATH IN THE UNITED STATES, 1996

15 LEADING CAUSES OF DEATH IN THE U.S. BY RANK	MALE			FEMALE			TOTAL
	DEATHS			DEATHS			
	NO.	PCT	RATE	NO.	PCT	RATE	
1 HEART DISEASE	315	20.4	99.5	211	19.8	72.6	526
2 CANCER	354	22.9	111.8	294	27.6	101.1	648
3 CEREBROVASCULAR DISEASES	52	3.4	16.4	89	8.3	30.6	141
4 CHRONIC OBSTRUCTIVE PULMONARY DISEASES	48	3.1	15.2	67	6.3	23.1	115
5 ACCIDENTS & ADVERSE EFFECTS	259	16.8	81.8	69	6.5	23.7	328
6 PNEUMONIA & INFLUENZA	18	1.2	5.7	18	1.7	6.2	36
7 DIABETES MELLITUS	32	2.1	10.1	32	3.0	11.0	64
8 HIV INFECTION	13	0.8	4.1	3	0.3	1.0	16
9 SUICIDE	104	6.7	32.8	24	2.2	8.3	128
10 CHRONIC LIVER DISEASE & CIRRHOSIS	32	2.1	10.1	23	2.2	7.9	55
11 NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	9	0.6	2.8	11	1.0	3.8	20
12 SEPTICEMIA	9	0.6	2.8	6	0.6	2.1	15
13 ALZHEIMER'S DISEASE	10	0.6	3.2	15	1.4	5.2	25
14 HOMICIDE & LEGAL INTERVENTION	28	1.8	8.8	14	1.3	4.8	42
15 ATHEROSCLEROSIS	13	0.8	4.1	4	0.4	1.4	17
ALL OTHER CAUSES	250	16.2	79.0	187	17.5	64.3	437
TOTAL	1,546	100.0	488.2	1,067	100.0	367.1	2,613

TABLE 5.8B ALASKA RESIDENT DEATHS, PERCENT, AND RACE-SPECIFIC DEATH RATES FOR THE FIFTEEN LEADING CAUSES OF DEATH IN THE UNITED STATES, 1996

15 LEADING CAUSES OF DEATH IN THE U.S. BY RANK	WHITE			NATIVE			ALL OTHER			TOTAL
	DEATHS			DEATHS			DEATHS			
	NO.	PCT	RATE	NO.	PCT	RATE	NO.	PCT	RATE	
1 HEART DISEASE	388	21.0	85.6	112	18.3	112.0	26	16.9	48.0	526
2 CANCER	500	27.1	110.3	109	17.8	109.0	39	25.3	72.0	648
3 CEREBROVASCULAR DISEASES	100	5.4	22.1	26	4.3	26.0	15	9.7	27.7	141
4 CHRONIC OBSTRUCTIVE PULMONARY DISEASES	86	4.7	19.0	24	3.9	24.0	5	3.2	9.2	115
5 ACCIDENTS & ADVERSE EFFECTS	212	11.5	46.8	106	17.3	106.0	10	6.5	18.5	328
6 PNEUMONIA & INFLUENZA	18	1.0	4.0	14	2.3	14.0	4	2.6	7.4	36
7 DIABETES MELLITUS	56	3.0	12.4	4	0.7	4.0	4	2.6	7.4	64
8 HIV INFECTION	11	0.6	2.4	4	0.7	4.0	1	0.6		16
9 SUICIDE	81	4.4	17.9	41	6.7	41.0	6	3.9	11.1	128
10 CHRONIC LIVER DISEASE & CIRRHOSIS	39	2.1	8.6	13	2.1	13.0	3	1.9	5.5	55
11 NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	12	0.6	2.6	6	1.0	6.0	2	1.3		20
12 SEPTICEMIA	10	0.5	2.2	5	0.8	5.0				15
13 ALZHEIMER'S DISEASE	20	1.1	4.4	4	0.7	4.0	1	0.6		25
14 HOMICIDE & LEGAL INTERVENTION	25	1.4	5.5	8	1.3	8.0	9	5.8	16.6	42
15 ATHEROSCLEROSIS	14	0.8	3.1	2	0.3		1	0.6		17
ALL OTHER CAUSES	276	14.9	60.9	133	21.8	133.0	28	18.2	51.7	437
TOTAL	1,848	100.0	407.8	611	100.0	610.8	154	100.0	284.3	2,613

TABLE 5.8C ALASKA RESIDENT DEATHS, PERCENT, AND SEX-SPECIFIC DEATH RATES FOR THE FIFTEEN LEADING CAUSES OF DEATH IN ALASKA, 1996

15 LEADING CAUSES OF DEATH IN ALASKA BY RANK	MALE			FEMALE			TOTAL DEATHS
	DEATHS			DEATHS			
	NO.	PCT.	CRUDE RATE	NO.	PCT.	CRUDE RATE	
01 CANCER	354	22.9	111.8	294	27.6	101.1	648
02 HEART DISEASE	315	20.4	99.5	211	19.8	72.6	526
03 ACCIDENTS & ADVERSE EFFECTS	259	16.8	81.8	69	6.5	23.7	328
04 CEREBROVASCULAR DISEASES	52	3.4	16.4	89	8.3	30.6	141
05 SUICIDE	104	6.7	32.8	24	2.2	8.3	128
06 CHRONIC OBSTRUCTIVE PULMONARY DISEASES	48	3.1	15.2	67	6.3	23.1	115
07 DIABETES MELLITUS	32	2.1	10.1	32	3.0	11.0	64
08 CHRONIC LIVER DISEASE & CIRRHOSIS	32	2.1	10.1	23	2.2	7.9	55
09 HOMICIDE & LEGAL INTERVENTION	28	1.8	8.8	14	1.3	4.8	42
10 PNEUMONIA & INFLUENZA	18	1.2	5.7	18	1.7	6.2	36
11 CONGENITAL ANOMALIES	17	1.1	5.4	10	0.9	3.4	27
12 ALZHEIMER'S DISEASE	10	0.6	3.2	15	1.4	5.2	25
13 PERINATAL PERIOD CONDITIONS	17	1.1	5.4	5	0.5	1.7	22
14 NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	9	0.6	2.8	11	1.0	3.8	20
15 ATHEROSCLEROSIS	13	0.8	4.1	4	0.4	1.4	17
ALL OTHER CAUSES	238	15.4	75.2	181	17.0	62.3	419
TOTAL	1,546	100.0	488.2	1,067	100.0	367.1	2,613

TABLE 5.8D RESIDENT DEATHS, PERCENT, AND RACE-SPECIFIC DEATH RATES FOR THE FIFTEEN LEADING CAUSES OF DEATH IN ALASKA, 1996

15 LEADING CAUSES OF DEATH IN ALASKA BY RANK	WHITE			NATIVE			ALL OTHER			TOTAL
	DEATHS			DEATHS			DEATHS			
	NO.	PCT	RATE	NO.	PCT	RATE	NO.	PCT	RATE	
01 CANCER	500	27.1	110.3	109	17.8	109.0	39	25.3	72.0	648
02 HEART DISEASE	388	21.0	85.6	112	18.3	112.0	26	16.9	48.0	526
03 ACCIDENTS & ADVERSE EFFECTS	212	11.5	46.8	106	17.3	106.0	10	6.5	18.5	328
04 CEREBROVASCULAR DISEASES	100	5.4	22.1	26	4.3	26.0	15	9.7	27.7	141
05 SUICIDE	81	4.4	17.9	41	6.7	41.0	6	3.9	11.1	128
06 CHRONIC OBSTRUCTIVE PULMONARY DISEASES	86	4.7	19.0	24	3.9	24.0	5	3.2	9.2	115
07 DIABETES MELLITUS	56	3.0	12.4	4	0.7	4.0	4	2.6	7.4	64
08 CHRONIC LIVER DISEASE & CIRRHOSIS	39	2.1	8.6	13	2.1	13.0	3	1.9	5.5	55
09 HOMICIDE & LEGAL INTERVENTION	25	1.4	5.5	8	1.3	8.0	9	5.8	16.6	42
10 PNEUMONIA & INFLUENZA	18	1.0	4.0	14	2.3	14.0	4	2.6	7.4	36
11 CONGENITAL ANOMALIES	19	1.0	4.2	6	1.0	6.0	2	1.3		27
12 ALZHEIMER'S DISEASE	20	1.1	4.4	4	0.7	4.0	1	0.6		25
13 PERINATAL PERIOD CONDITIONS	10	0.5	2.2	7	1.1	7.0	5	3.2	9.2	22
14 NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	12	0.6	2.6	6	1.0	6.0	2	1.3		20
15 ATHEROSCLEROSIS	14	0.8	3.1	2	0.3		1	0.6		17
ALL OTHER CAUSES	268	14.5	59.1	129	21.1	129.0	22	14.3	40.6	419
TOTAL	1,848	100.0	407.8	611	100.0	610.8	154	100.0	284.3	2,613

TABLE 5.9A RESIDENT DEATHS, PERCENT, AND RACE/SEX-SPECIFIC DEATH RATES FOR THE FIFTEEN LEADING CAUSES OF DEATH IN THE UNITED STATES, ALASKA, 1996

15 LEADING CAUSES OF DEATH IN THE U.S. BY RANK	RACE AND GENDER OF DECEDENT																	
	WHITE						NATIVE						ALL OTHER					
	MALE			FEMALE			MALE			FEMALE			MALE			FEMALE		
	DEATHS			DEATHS			DEATHS			DEATHS			DEATHS			DEATHS		
NO.	%	RATE	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE	
1 HEART DISEASE	242	22.0	101.5	146	19.5	68.0	60	16.9	119.9	52	20.4	104.1	13	14.1	46.2	13	21.0	49.9
2 CANCER	275	25.0	115.3	225	30.0	104.8	57	16.0	113.9	52	20.4	104.1	22	23.9	78.2	17	27.4	65.3
3 CEREBROVASCULAR DISEASES	37	3.4	15.5	63	8.4	29.3	8	2.2	16.0	18	7.1	36.0	7	7.6	24.9	8	12.9	30.7
4 CHRONIC OBSTRUCTIVE PULMONARY DISEASES	35	3.2	14.7	51	6.8	23.8	10	2.8	20.0	14	5.5	28.0	3	3.3	10.7	2	3.2	
5 ACCIDENTS & ADVERSE EFFECTS	169	15.4	70.9	43	5.7	20.0	83	23.3	165.8	23	9.0	46.0	7	7.6	24.9	3	4.8	11.5
6 PNEUMONIA & INFLUENZA	9	0.8	3.8	9	1.2	4.2	6	1.7	12.0	8	3.1	16.0	3	3.3	10.7	1	1.6	
7 DIABETES MELLITUS	26	2.4	10.9	30	4.0	14.0	3	0.8	6.0	1	0.4		3	3.3	10.7	1	1.6	
8 HIV INFECTION	11	1.0	4.6				1	0.3		3	1.2	6.0	1	1.1				
9 SUICIDE	66	6.0	27.7	15	2.0	7.0	33	9.3	65.9	8	3.1	16.0	5	5.4	17.8	1	1.6	
10 CHRONIC LIVER DISEASE & CIRRHOSIS	23	2.1	9.6	16	2.1	7.5	6	1.7	12.0	7	2.7	14.0	3	3.3	10.7			
11 NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	6	0.5	2.5	6	0.8	2.8	2	0.6		4	1.6	8.0	1	1.1		1	1.6	
12 SEPTICEMIA	6	0.5	2.5	4	0.5	1.9	3	0.8	6.0	2	0.8							
13 ALZHEIMER'S DISEASE	8	0.7	3.4	12	1.6	5.6	2	0.6		2	0.8					1	1.6	
14 HOMICIDE & LEGAL INTERVENTION	18	1.6	7.5	7	0.9	3.3	3	0.8	6.0	5	2.0	10.0	7	7.6	24.9	2	3.2	
15 ATHEROSCLEROSIS	11	1.0	4.6	3	0.4	1.4	2	0.6								1	1.6	
ALL OTHER CAUSES	156	14.2	65.4	120	16.0	55.9	77	21.6	153.8	56	22.0	112.1	17	18.5	60.4	11	17.7	42.2
TOTAL	1,098	100.0	460.4	750	100.0	349.4	356	100.0	711.2	255	100.0	510.3	92	100.0	327.1	62	100.0	238.0

TABLE 5.9B RESIDENT DEATHS, PERCENT, AND RACE/SEX-SPECIFIC DEATH RATES FOR THE FIFTEEN LEADING CAUSES OF DEATH IN ALASKA, 1996

15 LEADING CAUSES OF DEATH IN ALASKA BY RANK	RACE AND GENDER OF DECEDENT																	
	WHITE						NATIVE						ALL OTHER					
	MALE			FEMALE			MALE			FEMALE			MALE			FEMALE		
	DEATHS		RATE	DEATHS		RATE	DEATHS		RATE	DEATHS		RATE	DEATHS		RATE	DEATHS		RATE
	NO.	%		NO.	%		NO.	%		NO.	%		NO.	%		NO.	%	
01 CANCER	275	25.0	115.3	225	30.0	104.8	57	16.0	113.9	52	20.4	104.1	22	23.9	78.2	17	27.4	65.3
02 HEART DISEASE	242	22.0	101.5	146	19.5	68.0	60	16.9	119.9	52	20.4	104.1	13	14.1	46.2	13	21.0	49.9
03 ACCIDENTS & ADVERSE EFFECTS	169	15.4	70.9	43	5.7	20.0	83	23.3	165.8	23	9.0	46.0	7	7.6	24.9	3	4.8	11.5
04 CEREBROVASCULAR DISEASES	37	3.4	15.5	63	8.4	29.3	8	2.2	16.0	18	7.1	36.0	7	7.6	24.9	8	12.9	30.7
05 SUICIDE	66	6.0	27.7	15	2.0	7.0	33	9.3	65.9	8	3.1	16.0	5	5.4	17.8	1	1.6	
06 CHRONIC OBSTRUCTIVE PULMONARY DISEASES	35	3.2	14.7	51	6.8	23.8	10	2.8	20.0	14	5.5	28.0	3	3.3	10.7	2	3.2	
07 DIABETES MELLITUS	26	2.4	10.9	30	4.0	14.0	3	0.8	6.0	1	0.4		3	3.3	10.7	1	1.6	
08 CHRONIC LIVER DISEASE & CIRRHOSIS	23	2.1	9.6	16	2.1	7.5	6	1.7	12.0	7	2.7	14.0	3	3.3	10.7			
09 HOMICIDE & LEGAL INTERVENTION	18	1.6	7.5	7	0.9	3.3	3	0.8	6.0	5	2.0	10.0	7	7.6	24.9	2	3.2	
10 PNEUMONIA & INFLUENZA	9	0.8	3.8	9	1.2	4.2	6	1.7	12.0	8	3.1	16.0	3	3.3	10.7	1	1.6	
11 CONGENITAL ANOMALIES	12	1.1	5.0	7	0.9	3.3	4	1.1	8.0	2	0.8		1	1.1		1	1.6	
12 ALZHEIMER'S DISEASE	8	0.7	3.4	12	1.6	5.6	2	0.6		2	0.8					1	1.6	
13 PERINATAL PERIOD CONDITIONS	6	0.5	2.5	4	0.5	1.9	7	2.0	14.0				4	4.3	14.2	1	1.6	
14 NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	6	0.5	2.5	6	0.8	2.8	2	0.6		4	1.6	8.0	1	1.1		1	1.6	
15 ATHEROSCLEROSIS	11	1.0	4.6	3	0.4	1.4	2	0.6								1	1.6	
ALL OTHER CAUSES	155	14.1	65.0	113	15.1	52.6	70	19.7	139.9	59	23.1	118.1	13	14.1	46.2	9	14.5	34.6
TOTAL	1,098	100.0	460.4	750	100.0	349.4	356	100.0	711.2	255	100.0	510.3	92	100.0	327.1	62	100.0	238.0

TABLE 5.10A RESIDENT DEATHS, PERCENT, AND AGE-SPECIFIC DEATH RATES FOR THE FIFTEEN LEADING CAUSES OF DEATH IN THE UNITED STATES, ALASKA, 1996

15 LEADING CAUSES OF DEATH IN THE U.S. BY RANK	DECEDENT'S AGE														
	0-4			5-14			15-24			25-34			35-44		
	DEATHS		RATE	DEATHS		RATE	DEATHS		RATE	DEATHS		RATE	DEATHS		RATE
	NO.	%		NO.	%		NO.	%		NO.	%		NO.	%	
1 HEART DISEASE	3	3.2							6	4.2	6.2	21	8.7	17.4	
2 CANCER	2	2.2		1	4.2				9	6.3	9.2	40	16.5	33.2	
3 CEREBROVASCULAR DISEASES							2	1.7		2	1.4		4	1.7	3.3
4 CHRONIC OBSTRUCTIVE PULMONARY DISEASES									1	0.7		2	0.8		
5 ACCIDENTS & ADVERSE EFFECTS	19	20.4	35.9	13	54.2	11.7	58	49.2	75.0	66	45.8	67.7	71	29.3	58.9
6 PNEUMONIA & INFLUENZA	3	3.2	5.7							1	0.7		2	0.8	
7 DIABETES MELLITUS										1	0.7		3	1.2	2.5
8 HIV INFECTION										3	2.1	3.1	7	2.9	5.8
9 SUICIDE				2	8.3		35	29.7	45.3	35	24.3	35.9	28	11.6	23.2
10 CHRONIC LIVER DISEASE & CIRRHOSIS										1	0.7		21	8.7	17.4
12 SEPTICEMIA	1	1.1													
14 HOMICIDE & LEGAL INTERVENTION	2	2.2		4	16.7	3.6	11	9.3	14.2	8	5.6	8.2	10	4.1	8.3
ALL OTHER CAUSES	63	67.7	119.0	4	16.7	3.6	12	10.2	15.5	11	7.6	11.3	33	13.6	27.4
TOTAL	93	100.0	175.7	24	100.0	21.6	118	100.0	152.7	144	100.0	147.8	242	100.0	200.7

Continued ➞

TABLE 5.10A (CONTINUED)

15 LEADING CAUSES OF DEATH IN THE U.S. BY RANK	DECEDENT'S AGE														
	45-54			55-64			65-74			75-84			85+		
	DEATHS			DEATHS			DEATHS			DEATHS			DEATHS		
	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE
1 HEART DISEASE	60	19.5	73.7	89	24.7	245.9	124	23.5	609.1	130	25.7	1553.7	93	32.0	5093.1
2 CANCER	95	30.8	116.8	135	37.4	373.0	207	39.3	1016.8	122	24.2	1458.1	37	12.7	2026.3
3 CEREBROVASCULAR DISEASES	15	4.9	18.4	12	3.3	33.2	19	3.6	93.3	48	9.5	573.7	39	13.4	2135.8
4 CHRONIC OBSTRUCTIVE PULMONARY DISEASES	2	0.6		13	3.6	35.9	45	8.5	221.1	37	7.3	442.2	15	5.2	821.5
5 ACCIDENTS & ADVERSE EFFECTS	42	13.6	51.6	23	6.4	63.5	12	2.3	58.9	18	3.6	215.1	6	2.1	328.6
6 PNEUMONIA & INFLUENZA	2	0.6		5	1.4	13.8	3	0.6	14.7	8	1.6	95.6	12	4.1	657.2
7 DIABETES MELLITUS	6	1.9	7.4	15	4.2	41.4	19	3.6	93.3	16	3.2	191.2	4	1.4	219.1
8 HIV INFECTION	4	1.3	4.9	2	0.6										
9 SUICIDE	13	4.2	16.0	10	2.8	27.6	3	0.6	14.7	1	0.2		1	0.3	
10 CHRONIC LIVER DISEASE & CIRRHOSIS	12	3.9	14.7	9	2.5	24.9	10	1.9	49.1	2	0.4				
11 NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	1	0.3		2	0.6		5	0.9	24.6	10	2.0	119.5	2	0.7	
12 SEPTICEMIA	1	0.3		3	0.8	8.3	4	0.8	19.6	5	1.0	59.8	1	0.3	
13 ALZHEIMER'S DISEASE				1	0.3		2	0.4		16	3.2	191.2	6	2.1	328.6
14 HOMICIDE & LEGAL INTERVENTION	3	1.0	3.7	3	0.8	8.3	1	0.2							
15 ATHEROSCLEROSIS	1	0.3		1	0.3		4	0.8	19.6	8	1.6	95.6	3	1.0	164.3
ALL OTHER CAUSES	51	16.6	62.7	38	10.5	105.0	69	13.1	338.9	84	16.6	1003.9	72	24.7	3943.0
TOTAL	308	100.0	378.6	361	100.0	997.4	527	100.0	2588.8	505	100.0	6035.6	291	100.0	15936.5

TABLE 5.10B RESIDENT DEATHS, PERCENT, AND AGE-SPECIFIC DEATH RATES FOR THE FIFTEEN LEADING CAUSES OF DEATH IN ALASKA, 1996

15 LEADING CAUSES OF DEATH IN ALASKA BY RANK	DECEDENT'S AGE														
	0-4			5-14			15-24			25-34			35-44		
	DEATHS			DEATHS			DEATHS			DEATHS			DEATHS		
	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE
01 CANCER	2	2.2		1	4.2				9	6.3	9.2	40	16.5	33.2	
02 HEART DISEASE	3	3.2	5.7						6	4.2	6.2	21	8.7	17.4	
03 ACCIDENTS & ADVERSE EFFECTS	19	20.4	35.9	13	54.2	11.7	58	49.2	75.0	66	45.8	67.7	71	29.3	58.9
04 CEREBROVASCULAR DISEASES							2	1.7		2	1.4		4	1.7	3.3
05 SUICIDE				2	8.3		35	29.7	45.3	35	24.3	35.9	28	11.6	23.2
06 CHRONIC OBSTRUCTIVE PULMONARY DISEASES										1	0.7		2	0.8	
07 DIABETES MELLITUS										1	0.7		3	1.2	2.5
08 CHRONIC LIVER DISEASE & CIRRHOSIS										1	0.7		21	8.7	17.4
09 HOMICIDE & LEGAL INTERVENTION	2	2.2		4	16.7	3.6	11	9.3	14.2	8	5.6	8.2	10	4.1	8.3
10 PNEUMONIA & INFLUENZA	3	3.2	5.7							1	0.7		2	0.8	
11 CONGENITAL ANOMALIES	16	17.2	30.2				2	1.7					4	1.7	3.3
13 PERINATAL PERIOD CONDITIONS	22	23.7	41.6												
ALL OTHER CAUSES	26	28.0	49.1	4	16.7	3.6	10	8.5	12.9	14	9.7	14.4	36	14.9	29.9
TOTAL	93	100.0	175.7	24	100.0	21.6	118	100.0	152.7	144	100.0	147.8	242	100.0	200.7

Continued ➞

TABLE 5.10B (CONTINUED)

15 LEADING CAUSES OF DEATH IN ALASKA BY RANK	DECEDENT'S AGE														
	45-54			55-64			65-74			75-84			85+		
	DEATHS			DEATHS			DEATHS			DEATHS			DEATHS		
	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE	NO.	%	RATE
01 CANCER	95	30.8	116.8	135	37.4	373.0	207	39.3	1016.8	122	24.2	1458.1	37	12.7	2026.3
02 HEART DISEASE	60	19.5	73.7	89	24.7	245.9	124	23.5	609.1	130	25.7	1553.7	93	32.0	5093.1
03 ACCIDENTS & ADVERSE EFFECTS	42	13.6	51.6	23	6.4	63.5	12	2.3	58.9	18	3.6	215.1	6	2.1	328.6
04 CEREBROVASCULAR DISEASES	15	4.9	18.4	12	3.3	33.2	19	3.6	93.3	48	9.5	573.7	39	13.4	2135.8
05 SUICIDE	13	4.2	16.0	10	2.8	27.6	3	0.6	14.7	1	0.2		1	0.3	
06 CHRONIC OBSTRUCTIVE PULMONARY DISEASES	2	0.6		13	3.6	35.9	45	8.5	221.1	37	7.3	442.2	15	5.2	821.5
07 DIABETES MELLITUS	6	1.9	7.4	15	4.2	41.4	19	3.6	93.3	16	3.2	191.2	4	1.4	219.1
08 CHRONIC LIVER DISEASE & CIRRHOSIS	12	3.9	14.7	9	2.5	24.9	10	1.9	49.1	2	0.4				
09 HOMICIDE & LEGAL INTERVENTION	3	1.0	3.7	3	0.8	8.3	1	0.2							
10 PNEUMONIA & INFLUENZA	2	0.6		5	1.4	13.8	3	0.6	14.7	8	1.6	95.6	12	4.1	657.2
11 CONGENITAL ANOMALIES	1	0.3					3	0.6	14.7				1	0.3	
12 ALZHEIMER'S DISEASE				1	0.3		2	0.4		16	3.2	191.2	6	2.1	328.6
14 NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	1	0.3		2	0.6		5	0.9	24.6	10	2.0	119.5	2	0.7	
15 ATHEROSCLEROSIS	1	0.3		1	0.3		4	0.8	19.6	8	1.6	95.6	3	1.0	164.3
ALL OTHER CAUSES	55	17.9	67.6	43	11.9	118.8	70	13.3	343.9	89	17.6	1063.7	72	24.7	3943.0
TOTAL	308	100.0	378.6	361	100.0	997.4	527	100.0	2588.8	505	100.0	6035.6	291	100.0	15936.5

SELECTED CAUSES OF DEATH BY RESIDENCE

TABLE 5.11A RESIDENT DEATHS BY SELECTED CAUSES OF DEATH AND BY CENSUS AREA OF DECEDENT'S RESIDENCE, NATIVES ONLY, ALASKA, 1996

CAUSE OF DEATH	CENSUS AREA OF NATIVE DECEDENT'S RESIDENCE														
	ALE	ALW	ANC	AHS	BET	BBB	DEN	DIL	FBK	HNS	JUN	KPB	KET	KOD	LKP
TUBERCULOSIS			1												
MENINGOCOCCAL INFECTION														1	
SEPTICEMIA											1				
VIRAL HEPATITIS			1												
HIV INFECTION			2												
CANCER	1		21		16	1		4	4		4	9	3	3	1
BENIGN NEOPLASMS					1							1			
DIABETES MELLITUS			2						1			1			
ANEMIAS			1												
MENINGITIS															
HEART DISEASE	1		14	4	13			4	6	1	4	7	3	5	1
ALCOHOL USE/ABUSE			1	11		5		1		4	1		2	2	3
HYPERTENSION					1										
CEREBROVASCULAR DISEASES			8	1	4						1	1		2	1
ATHEROSCLEROSIS									1						
ACUTE BRONCHITIS & BRONCHIOLITIS					1										
PNEUMONIA & INFLUENZA			6	1	1				1						
CHRONIC OBSTRUCTIVE PULMONARY DISEASES			4	1	2			3	4			1			
ULCER OF STOMACH & DUODENUM														1	
APPENDICITIS												1			
HERNIA OF ABDOMINAL CAVITY OR INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA			1												
CHRONIC LIVER DISEASE & CIRRHOSIS			1						1						
DISORDERS OF GALLBLADDER				1											1
NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS								1			1				
CONGENITAL ANOMALIES			1	1										1	
PERINATAL PERIOD CONDITIONS			1		1			1						2	
SIDS				1	1										
ALZHEIMER'S DISEASE			1	1	2										
ACCIDENTS & ADVERSE EFFECTS	1	1	10	2	12			4	5		4	1	1	3	4
SUICIDE			4		4				1	1	1			1	
HOMICIDE & LEGAL INTERVENTION			5						1						
ALL OTHER CAUSES			1	16		7		2	7			2	1	1	1
TOTAL	3	5	110	12	71	1	1	19	36	3	16	26	15	18	10

Continued ↻

TABLE 5.11A (CONTINUED)

CAUSE OF DEATH	CENSUS AREA OF NATIVE DECEDENT'S RESIDENCE												TOTAL
	MSB	NOM	NSB	NAB	POW	SIT	SEF	VAL	WAH	WRP	YAK	YUK	
TUBERCULOSIS													1
MENINGOCOCCAL INFECTION				1									2
SEPTICEMIA				1	2				1				5
VIRAL HEPATITIS													1
HIV INFECTION								1				1	4
CANCER	1	8	6	8	1	2	1	2	5	3		5	109
BENIGN NEOPLASMS		1											3
DIABETES MELLITUS													4
ANEMIAS													1
MENINGITIS			1										1
HEART DISEASE	4	7	3	9	7	2		2	4		2	6	109
ALCOHOL USE/ABUSE	1	4	2			1		1	2	2		6	50
HYPERTENSION													1
CEREBROVASCULAR DISEASES		5	1			1						1	26
ATHEROSCLEROSIS							1						2
ACUTE BRONCHITIS & BRONCHIOLITIS													1
PNEUMONIA & INFLUENZA			1	1		1			2				14
CHRONIC OBSTRUCTIVE PULMONARY DISEASES		6		1		2							24
ULCER OF STOMACH & DUODENUM				1									2
APPENDICITIS													1
HERNIA OF ABDOMINAL CAVITY OR INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA													1
CHRONIC LIVER DISEASE & CIRRHOSIS													2
DISORDERS OF GALLBLADDER								1					3
NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	1	2	1										6
CONGENITAL ANOMALIES									1			2	6
PERINATAL PERIOD CONDITIONS				2									7
SIDS	1					1			1				5
ALZHEIMER'S DISEASE													4
ACCIDENTS & ADVERSE EFFECTS	2	9	6	6		1	1	4	6	2		13	98
SUICIDE		5	2	7	1			1	6			7	41
HOMICIDE & LEGAL INTERVENTION		1										1	8
ALL OTHER CAUSES	3	7	2	7	1	3	1		6	1		2	71
TOTAL	13	55	25	44	12	14	4	12	34	8	2	44	613

TABLE 5.11B RESIDENT DEATHS BY SELECTED CAUSES OF DEATH AND BY CENSUS AREA OF DECEDENT'S RESIDENCE, NON-NATIVES ONLY, ALASKA, 1996

CAUSE OF DEATH	CENSUS AREA OF NON-NATIVE DECEDENT'S RESIDENCE														
	ALE	ALW	ANC	AHS	BET	BBB	DEN	DIL	FBK	HNS	JUN	KPB	KET	KOD	LKP
TUBERCULOSIS			1												
MENINGOCOCCAL INFECTION			1									1			
SEPTICEMIA			3						3						1
VIRAL HEPATITIS			4	1											
HIV INFECTION			8						2				1		
CANCER			250	2	1			1	67		32	64	13	10	
BENIGN NEOPLASMS			3						1			2			
DIABETES MELLITUS			35						6		1	7	1	1	
NUTRITIONAL DEFICIENCIES			1												
ANEMIAS			1												
HEART DISEASE			2	162	2	1		2	1	54	2	8	46	21	7
ALCOHOL USE/ABUSE	1	1	23	2					7		7	4	3	1	1
HYPERTENSION			6								1				
CEREBROVASCULAR DISEASES			57						12		9	10	1	1	
ATHEROSCLEROSIS			2						8		1	1	1		
PNEUMONIA & INFLUENZA			6						6		1	1	2	1	
CHRONIC OBSTRUCTIVE PULMONARY DISEASES			42						10	1	4	9	4	1	
ULCER OF STOMACH & DUODENUM			3								1				
APPENDICITIS			1												
HERNIA OF ABDOMINAL CAVITY OR INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA			1						2			1			
CHRONIC LIVER DISEASE & CIRRHOSIS			4						2		1				
DISORDERS OF GALLBLADDER			1								1				
NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS			2								2		2	2	
INFECTIONS OF KIDNEY												1			
CONGENITAL ANOMALIES			7						4		2	3	1	1	
PERINATAL PERIOD CONDITIONS			7						4		1	1		2	
SIDS			6						1			1			
ALZHEIMER'S DISEASE			9						7		2	2		1	
ACCIDENTS & ADVERSE EFFECTS		3	77	1	4	1	1		19	1	12	22	8	5	1
SUICIDE		1	37		2			1	17	1	2	10	2		
HOMICIDE & LEGAL INTERVENTION			19		1				3			2	1		
ALL OTHER CAUSES			1	86					26	2	13	22	7	3	
TOTAL	1	8	865	8	9	1	3	3	261	7	101	210	68	37	2

Continued ➞

TABLE 5.11B (CONTINUED)

CAUSE OF DEATH	CENSUS AREA OF NON-NATIVE DECEDENT'S RESIDENCE													TOTAL
	MSB	NOM	NSB	NAB	POW	SIT	SEF	VAL	WAH	WRP	YAK	YUK	UNK	
TUBERCULOSIS						1								2
MENINGOCOCCAL INFECTION														2
SEPTICEMIA	1					1				1				10
VIRAL HEPATITIS	1													6
HIV INFECTION	1													12
CANCER	60	1	1	2		12	6	6		9		2		539
BENIGN NEOPLASMS			1											7
DIABETES MELLITUS	7							1		1				60
NUTRITIONAL DEFICIENCIES														1
ANEMIAS														1
HEART DISEASE	54	2	2	1	5	11	6	8		11	1	2	1	412
ALCOHOL USE/ABUSE	8						1	1						60
HYPERTENSION	1													8
CEREBROVASCULAR DISEASES	15				1	3	1	1		2		2		115
ATHEROSCLEROSIS	2													15
PNEUMONIA & INFLUENZA	5													22
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	14					1	3	1		1				91
ULCER OF STOMACH & DUODENUM														4
APPENDICITIS														1
HERNIA OF ABDOMINAL CAVITY OR INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA						1								5
CHRONIC LIVER DISEASE & CIRRHOSIS	1									1				9
DISORDERS OF GALLBLADDER														2
NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	4									2				14
INFECTIONS OF KIDNEY														1
CONGENITAL ANOMALIES	1							2						21
PERINATAL PERIOD CONDITIONS														15
SIDS					1		1			1				11
ALZHEIMER'S DISEASE														21
ACCIDENTS & ADVERSE EFFECTS	33	3	1		4	4	3	10	1	5				219
SUICIDE	7			1		2	2			2				87
HOMICIDE & LEGAL INTERVENTION	6					1						1		34
ALL OTHER CAUSES	13					3	4	3		10				193
TOTAL	234	6	5	4	11	40	27	33	1	46	1	7	1	2,000

DETAILED CAUSES OF DEATH

TABLE 5.12 RESIDENT DEATHS BY DETAILED CAUSES OF DEATH AND BY CENSUS AREA OF DECEDENT'S RESIDENCE, ALASKA, 1996

CAUSE OF DEATH	CENSUS AREA OF DECEDENT'S RESIDENCE														
	ALE	ALW	ANC	AHS	BET	BBB	DEN	DIL	FBK	HNS	JUN	KPB	KET	KOD	LKP
TUBERCULOSIS		1	1												
SEPTICEMIA			3						3		1				1
HIV INFECTION			10						2				1		
CANCER: LIP, ORAL CAVITY & PHARYNX	1		5									2			
CANCER: DIGESTIVE ORGANS & PERITONEUM			75	1	3			1	14		8	11	5	5	
CANCER: RESPIRATORY & INTRATHORACIC ORGANS			71		5	1		3	16		10	24	4	3	1
CANCER: BREAST			20		1				11		1	9	1	2	
CANCER: GENITAL ORGANS			27		1				6		1	3	2		
CANCER: URINARY ORGANS			8		1			1	7		3	3	1		
CANCER: OTHER & UNSPECIFIED SITES			39		6				11		6	12	1	3	
CANCER: LEUKEMIA			10	1					2		1	3	1		
CANCER: OTHER LYMPHATIC & HEMATOPOIETIC TISSUES			16						4		6	6	1		
DIABETES MELLITUS			37						7		1	8	1	1	
RHEUMATIC FEVER & RHEUMATIC HEART DISEASE			5	1	1				1		1	1			
HYPERTENSIVE HEART DISEASE			5						3			4			
ACUTE MYOCARDIAL INFARCTION	1		45		3		2	2	17	1	2	10	7	5	
OTHER ACUTE & SUBACUTE FORMS OF ISCHEMIC HEART DISEASE													1		
OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE		1	64	1	6			1	19	1	5	21	4	3	
OTHER HEART DISEASE		1	57	4	4			2	20	1	4	17	12	4	1
ALCOHOL USE/ABUSE	1	2	34	2	5		1		11	1	7	6	5	4	2
CEREBROVASCULAR DISEASES			65	1	4				12		10	11	1	3	1
ATHEROSCLEROSIS			2						9		1	1	1		
ACUTE BRONCHITIS & BRONCHIOLITIS					1										
PNEUMONIA & INFLUENZA			12	1	1				7		1	1	2	1	
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES			39	1	2			3	13		3	10	3		
EMPHYSEMA			5						1				1	1	
ASTHMA			2							1	1				
CHRONIC LIVER DISEASE & CIRRHOSIS			5						3		1				
NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS			2					1			3		2	2	
CONGENITAL ANOMALIES		1	8						4		2	3	2	1	
PERINATAL PERIOD CONDITIONS			8		1			1	4		1	1	2	2	
SIDS			6	1	1				1			1			
ALZHEIMER'S DISEASE			10	1	2				7		2	2		1	
MOTOR VEHICLE ACCIDENTS			30	1	2		1		6	1	2	7	2	4	2
ALL OTHER ACCIDENTS & ADVERSE EFFECTS	1	4	57	2	14	1		4	18		14	16	7	4	3
SUICIDE		1	41		6			1	18	2	3	10	2	1	
HOMICIDE & LEGAL INTERVENTION			24		1				4			2	1		
ALL OTHER CAUSES		2	127	2	9			2	36	2	16	31	10	4	2
TOTAL	4	13	975	20	80	2	4	22	297	10	117	236	83	55	12

Continued ➞

TABLE 5.12 (CONTINUED)

CAUSE OF DEATH	CENSUS AREA OF NATIVE DECEDENT'S RESIDENCE													TOTAL
	MSB	NOM	NSB	NAB	POW	SIT	SEF	VAL	WAH	WRP	YAK	YUK	UNK	
TUBERCULOSIS						1								3
SEPTICEMIA	1			1	2	1			1	1				15
HIV INFECTION	1							1				1		16
CANCER: LIP, ORAL CAVITY & PHARYNX	1					2								11
CANCER: DIGESTIVE ORGANS & PERITONEUM	11	3	1	1		1		3	1	5		1		150
CANCER: RESPIRATORY & INTRATHORACIC ORGANS	18	6	3	3		6	2	2	1	3		4		186
CANCER: BREAST	5			1		1		1						53
CANCER: GENITAL ORGANS	2				1		1	1						45
CANCER: URINARY ORGANS	2		1	1			2		2					32
CANCER: OTHER & UNSPECIFIED SITES	14		2	1		3	1		1	3		1		104
CANCER: LEUKEMIA	6			2										26
CANCER: OTHER LYMPHATIC & HEMATOPOIETIC TISSUES	2			1		1	1	1		1		1		41
DIABETES MELLITUS	7							1		1				64
RHEUMATIC FEVER & RHEUMATIC HEART DISEASE				1				1						12
HYPERTENSIVE HEART DISEASE	4	1						1						18
ACUTE MYOCARDIAL INFARCTION	5	3	1	5	4	2	3		1	4	1	4		128
OTHER ACUTE & SUBACUTE FORMS OF ISCHEMIC HEART DISEASE														1
OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	28	1	3	1	4	6	1	3	1	3	1	2		180
OTHER HEART DISEASE	21	4	1	3	4	5	2	5	2	4	1	2	1	182
ALCOHOL USE/ABUSE	9	4	2				1	1	2	2		6		110
CEREBROVASCULAR DISEASES	15	5	1		1	4	1	1		2		3		141
ATHEROSCLEROSIS	2							1						17
ACUTE BRONCHITIS & BRONCHIOLITIS														1
PNEUMONIA & INFLUENZA	5		1	1		1			2					36
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	8	5		1		2	2	1						93
EMPHYSEMA	4						1			1				14
ASTHMA	2	1				1								8
CHRONIC LIVER DISEASE & CIRRHOSIS	1									1				11
NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	5	2	1							2				20
CONGENITAL ANOMALIES	1							2	1			2		27
PERINATAL PERIOD CONDITIONS				2										22
SIDS	1				1	1	1		1	1				16
ALZHEIMER'S DISEASE														25
MOTOR VEHICLE ACCIDENTS	20	5	2	2	1	1	2	7				6		104
ALL OTHER ACCIDENTS & ADVERSE EFFECTS	15	7	5	4	3	4	2	7	7	7		7		213
SUICIDE	7	5	2	8	1	2	2	1	6	2		7		128
HOMICIDE & LEGAL INTERVENTION	6	1				1						2		42
ALL OTHER CAUSES	18	8	4	9	1	7	5	4	6	11		2		318
TOTAL	247	61	30	48	23	54	31	45	35	54	3	51	1	2,613

TABLE 5.13 RESIDENT DEATHS BY DETAILED CAUSES OF DEATH AND BY NATIVE REGIONAL CORPORATION OF DECEDENT'S RESIDENCE, ALASKA, 1996

CAUSE OF DEATH	NATIVE REGIONAL CORP OF DECEDENT'S RESIDENCE													TOTAL
	AHT	ALE	ARC	BER	BRI	CAL	CHU	COO	DOY	KON	NAN	SEA	UNK	
TUBERCULOSIS		1						1				1		3
SEPTICEMIA						1		4	3	1	1	5		15
HIV INFECTION							1	11	3			1		16
CANCER: LIP, ORAL CAVITY & PHARYNX		1						8				2		11
CANCER: DIGESTIVE ORGANS & PERITONEUM	1		1	3	1	4	2	97	15	5	1	20		150
CANCER: RESPIRATORY & INTRATHORACIC ORGANS	1		3	6	5	6	3	111	22	3	3	23		186
CANCER: BREAST	1					1	1	33	11	2	1	3		53
CANCER: GENITAL ORGANS						1	1	32	7			4		45
CANCER: URINARY ORGANS			1		1	3	1	12	9		1	4		32
CANCER: OTHER & UNSPECIFIED SITES			2			7	1	64	13	3	1	13		104
CANCER: LEUKEMIA							1	18	2		2	3		26
CANCER: OTHER LYMPHATIC & HEMATOPOIETIC TISSUES	1							24	6		1	9		41
DIABETES MELLITUS							3	50	7	1		3		64
RHEUMATIC FEVER & RHEUMATIC HEART DISEASE	1					1		6	1		1	2		12
HYPERTENSIVE HEART DISEASE	1			1				13	3					18
ACUTE MYOCARDIAL INFARCTION		1	1	3	2	4	2	58	26	5	5	21		128
OTHER ACUTE & SUBACUTE FORMS OF ISCHEMIC HEART DISEASE												1		1
OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE		1	3	1	1	7	7	109	22	3	1	25		180
OTHER HEART DISEASE	1	1	1	4	3	6	6	93	24	4	3	35	1	182
ALCOHOL USE/ABUSE	2	3	2	4	2	7	2	48	18	4		18		110
CEREBROVASCULAR DISEASES			1	5	1	4	1	91	16	3		19		141
ATHEROSCLEROSIS								5	10			2		17
ACUTE BRONCHITIS & BRONCHIOLITIS						1								1
PNEUMONIA & INFLUENZA			1			3		18	7	1	1	5		36
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	1			5	3	2	3	54	15		1	9		93
EMPHYSEMA								9	2	1		2		14
ASTHMA				1				4				3		8
CHRONIC LIVER DISEASE & CIRRHOSIS								6	3			2		11
NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS			1	2	1			7		2		7		20
CONGENITAL ANOMALIES		1				1	2	12	6	1		4		27
PERINATAL PERIOD CONDITIONS					1	1		9	4	2	2	3		22
SIDS						2		8	2			4		16
ALZHEIMER'S DISEASE						2		12	7	1		3		25
MOTOR VEHICLE ACCIDENTS	4		2	5	2	2	3	57	15	4	2	8		104
ALL OTHER ACCIDENTS & ADVERSE EFFECTS	3	5	5	7	8	21	4	88	27	4	4	37		213
SUICIDE	1	1	2	5	1	12	1	57	27	1	8	12		128
HOMICIDE & LEGAL INTERVENTION				1		1		32	6			2		42
ALL OTHER CAUSES	1	2	4	8	4	15	11	168	43	4	9	49		318
TOTAL	19	17	30	61	36	115	56	1,429	382	55	48	364	1	2,613

TABLE 5.14 RESIDENT DEATHS BY DETAILED CAUSES OF DEATH, BY SEX AND RACE, ALASKA, 1996

CAUSE OF DEATH	SEX		RACE				TOTAL	
	MALE	FEMALE	WHITE	NATIVE	BLACK	AS/PI		UNKN
TUBERCULOSIS	2	1	1	1		1		3
SEPTICEMIA	9	6	10	5				15
HIV INFECTION	13	3	11	4	1			16
CANCER: LIP, ORAL CAVITY & PHARYNX	9	2	9	2				11
CANCER: DIGESTIVE ORGANS & PERITONEUM	90	60	109	27	5	9		150
CANCER: RESPIRATORY & INTRATHORACIC ORGANS	112	74	139	38	5	4		186
CANCER: BREAST		53	43	8	2			53
CANCER: GENITAL ORGANS	20	25	33	5	5	2		45
CANCER: URINARY ORGANS	22	10	24	8				32
CANCER: OTHER & UNSPECIFIED SITES	62	42	85	15	1	3		104
CANCER: LEUKEMIA	16	10	24	2				26
CANCER: OTHER LYMPHATIC & HEMATOPOIETIC TISSUES	23	18	34	4	1	2		41
DIABETES MELLITUS	32	32	56	4	3	1		64
RHEUMATIC FEVER & RHEUMATIC HEART DISEASE	2	10	7	5				12
HYPERTENSIVE HEART DISEASE	8	10	14	4				18
ACUTE MYOCARDIAL INFARCTION	79	49	96	26	2	4		128
OTHER ACUTE & SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	1					1		1
OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	118	62	137	32	7	4		180
OTHER HEART DISEASE	103	79	133	42	3	4		182
ALCOHOL USE/ABUSE	73	37	54	50	3	1	2	110
CEREBROVASCULAR DISEASES	52	89	100	26	4	11		141
ATHEROSCLEROSIS	13	4	14	2		1		17
ACUTE BRONCHITIS & BRONCHIOLITIS		1		1				1
PNEUMONIA & INFLUENZA	18	18	18	14	2	2		36
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	38	55	70	20	2	1		93
EMPHYSEMA	8	6	12	2				14
ASTHMA	2	6	4	2	1	1		8
CHRONIC LIVER DISEASE & CIRRHOSIS	5	6	9	2				11
NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	9	11	12	6		2		20
CONGENITAL ANOMALIES	17	10	19	6	1	1		27
PERINATAL PERIOD CONDITIONS	17	5	11	7	3	1		22
SIDS	7	9	9	5		2		16
ALZHEIMER'S DISEASE	10	15	20	4		1		25
MOTOR VEHICLE ACCIDENTS	74	30	71	31	1	1		104
ALL OTHER ACCIDENTS & ADVERSE EFFECTS	180	33	139	67	6	1		213
SUICIDE	104	24	81	41	3	3		128
HOMICIDE & LEGAL INTERVENTION	28	14	25	8	4	5		42
ALL OTHER CAUSES	170	148	217	87	8	6		318
TOTAL	1,546	1,067	1,850	613	73	75	2	2,613

TABLE 5.15 RESIDENT DEATHS BY DETAILED CAUSES OF DEATH AND AGE, ALASKA, 1996

CAUSE OF DEATH	DECEDENT'S AGE GROUP										TOTAL
	<5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
TUBERCULOSIS				1				1		1	3
SEPTICEMIA	1					1	3	4	5	1	15
HIV INFECTION				3	7	4	2				16
CANCER: LIP, ORAL CAVITY & PHARYNX					2	1	2	4	2		11
CANCER: DIGESTIVE ORGANS & PERITONEUM				1	7	20	31	48	28	15	150
CANCER: RESPIRATORY & INTRATHORACIC ORGANS				1	5	19	43	73	41	4	186
CANCER: BREAST				2	7	14	12	9	7	2	53
CANCER: GENITAL ORGANS				1	2	6	9	15	10	2	45
CANCER: URINARY ORGANS					1		6	13	9	3	32
CANCER: OTHER & UNSPECIFIED SITES				4	9	25	20	28	13	5	104
CANCER: LEUKEMIA	2	1			5	2	5	3	6	2	26
CANCER: OTHER LYMPHATIC & HEMATOPOIETIC TISSUES					2	8	7	14	6	4	41
DIABETES MELLITUS				1	3	6	15	19	16	4	64
RHEUMATIC FEVER & RHEUMATIC HEART DISEASE							1	4	4	3	12
HYPERTENSIVE HEART DISEASE					2	3	6	1	2	4	18
ACUTE MYOCARDIAL INFARCTION				3	11	17	20	31	26	20	128
OTHER ACUTE & SUBACUTE FORMS OF ISCHEMIC HEART DISEASE								1			1
OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE					4	24	41	50	41	20	180
OTHER HEART DISEASE	3			2	4	13	21	36	57	46	182
ALCOHOL USE/ABUSE			5	7	26	35	18	15	4		110
CEREBROVASCULAR DISEASES			2	2	4	15	12	19	48	39	141
ATHEROSCLEROSIS						1	1	4	8	3	17
ACUTE BRONCHITIS & BRONCHIOLITIS	1										1
PNEUMONIA & INFLUENZA	3			1	2	2	5	3	8	12	36
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES						2	9	36	31	15	93
EMPHYSEMA							2	8	4		14
ASTHMA				1	2		2	1	2		8
CHRONIC LIVER DISEASE & CIRRHOSIS					3	1	2	4	1		11
NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS						1	2	5	10	2	20
CONGENITAL ANOMALIES	16		2		4	1		3		1	27
PERINATAL PERIOD CONDITIONS	22										22
SIDS	16										16
ALZHEIMER'S DISEASE							1	2	16	6	25
MOTOR VEHICLE ACCIDENTS	5	6	26	20	22	12	5	2	6		104
ALL OTHER ACCIDENTS & ADVERSE EFFECTS	14	7	29	44	47	28	16	10	12	6	213
SUICIDE		2	35	35	28	13	10	3	1	1	128
HOMICIDE & LEGAL INTERVENTION	2	4	11	8	10	3	3	1			42
ALL OTHER CAUSES	8	4	8	7	23	31	29	57	81	70	318
TOTAL	93	24	118	144	242	308	361	527	505	291	2,613

HOMICIDES AND SUICIDES

Tables 5.16A through 5.17B show homicides and suicides. Unlike previous tables which include only resident deaths occurring both in Alaska and out of state, these tables also include non-resident deaths occurring in Alaska. In 1996, there were four deaths from homicide of non-residents in Alaska and no deaths from homicides occurring

outside Alaska. There were four residents dying outside Alaska from suicide and three non-residents dying in Alaska from suicide.

TABLE 5.16A HOMICIDES AND SUICIDES BY CENSUS AREA, RACE AND SEX, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

CENSUS AREA OF DECEDENT'S RESIDENCE	CAUSE OF DEATH														TOTAL
	HOMICIDE & LEGAL INTERVENTION							SUICIDE							
	RACE				SEX		SUB-TOTAL	RACE				SEX		SUB-TOTAL	
	WHI	NAT	BLK	A/P	MAL	FEM		WHI	NAT	BLK	A/P	MAL	FEM		
ALEUTIANS WEST								1					1	1	
ANCHORAGE	11	5	3	5	19	5	24	33	4	2	2	32	9	41	
BETHEL	1				1		1	2	4			5	1	6	
DILLINGHAM								1				1		1	
FAIRBANKS NSB	2	1	1		3	1	4	16	1	1		13	5	18	
HAINES BOROUGH								1	1			1	1	2	
JUNEAU BOROUGH								2	1			2	1	3	
KENAI PENINSULA	2					2	2	10				8	2	10	
KETCHIKAN	1				1		1	2				1	1	2	
KODIAK ISLAND									1			1		1	
MATANUSKA-SUSITNA	6				3	3	6	7				7		7	
NOME		1				1	1		5			5		5	
NORTH SLOPE									2			2		2	
NORTHWEST ARCTIC								1	7			7	1	8	
PRINCE OF WALES									1			1		1	
SITKA BOROUGH	1					1	1	1			1	2		2	
SE FAIRBANKS								2				2		2	
VALDEZ-CORDOVA									1			1		1	
WADE HAMPTON									6			5	1	6	
WRANGELL-PETERSBG								2				2		2	
YUKON-KOYUKUK	1	1			1	1	2		7			6	1	7	
NON-RESIDENT	3		1		4		4	3				3		3	
TOTAL	28	8	5	5	32	14	46	84	41	3	3	107	24	131	

TABLE 5.16B HOMICIDES AND SUICIDES BY NATIVE REGIONAL CORPORATION OF RESIDENCE, RACE AND SEX, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

N R C OF DECEDENT'S RESIDENCE	CAUSE OF DEATH														TOTAL
	HOMICIDE & LEGAL INTERVENTION							SUICIDE							
	RACE				SEX		SUB-TOTAL	RACE				SEX		SUB-TOTAL	
	WHI	NAT	BLK	A/P	MAL	FEM		WHI	NAT	BLK	A/P	MAL	FEM		
AHTNA									1			1		1	
ALEUT								1					1	1	
ARCTIC SLOPE									2			2		2	
BERING STRAITS		1				1	1		5			5		5	
BRISTOL BAY								1				1		1	
CALISTA	1				1		1	2	10			10	2	12	
CHUGACH								1				1		1	
COOK INLET	19	5	3	5	22	10	32	49	4	2	2	46	11	57	
DOYON	3	2	1		4	2	6	18	8	1		21	6	27	
KONIAG									1			1		1	
NANA								1	7			7	1	8	
SEALASKA	2				1	1	2	8	3		1	9	3	12	
NON-RESIDENT	3		1		4		4	3				3		3	
TOTAL	28	8	5	5	32	14	46	84	41	3	3	107	24	131	

Table 5.16C lists methods used in homicides and suicides. ICD-9 codes for these methods are described in Appendix C, Table C.2.

TABLE 5.16C HOMICIDES AND SUICIDES BY METHOD, RACE AND SEX, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

METHOD	CAUSE OF DEATH														TOTAL
	HOMICIDE & LEGAL INTERVENTION							SUICIDE							
	RACE				SEX		SUB-TOTAL	RACE				SEX		SUB-TOTAL	
	WHI	NAT	BLK	A/P	MAL	FEM		WHI	NAT	BLK	A/P	MAL	FEM		
POISONING								10	1	1		7	5	12	12
STRANGULATION	2				1	1	2	9	9		2	15	5	20	22
FIREARMS/EXPLOSIVES	21	2	5	5	26	7	33	60	30	2		79	13	92	125
CUTTING/PIERCING	3	2			4	1	5								5
FIGHT/RAPE	1					1	1								1
OTHER	1	4			1	4	5	5	1		1	6	1	7	12
TOTAL	28	8	5	5	32	14	46	84	41	3	3	107	24	131	177

TABLE 5.16D HOMICIDES AND SUICIDES BY AGE, RACE AND SEX, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

AGE OF DECEDENT	CAUSE OF DEATH														TOTAL
	HOMICIDE & LEGAL INTERVENTION							SUICIDE							
	RACE				SEX		SUB-TOTAL	RACE				SEX		SUB-TOTAL	
	WHI	NAT	BLK	A/P	MAL	FEM		WHI	NAT	BLK	A/P	MAL	FEM		
1-4	2				1	1	2								2
5-9	2				1	1	2								2
10-14	1	1			1	1	2		2			1	1	2	4
15-24	4		3	4	9	2	11	14	20	1	1	33	3	36	47
25-34	6	2			5	3	8	20	12	2	2	30	6	36	44
35-44	11	2	1		11	3	14	24	5			22	7	29	43
45-54	1	2			1	2	3	12	1			10	3	13	16
55-64	1	1		1	2	1	3	9	1			7	3	10	13
65-74			1		1		1	3				2	1	3	4
75-84								1				1		1	1
85+								1				1		1	1
TOTAL	28	8	5	5	32	14	46	84	41	3	3	107	24	131	177

TABLE 5.17A SUICIDES BY THE DECEDENT'S CENSUS AREA AND AGE, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

CENSUS AREA OF DECEDENT'S RESIDENCE	DECEDENT'S AGE GROUP									TOTAL
	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
ALEUTN WEST				1						1
ANCHORAGE		10	12	8	4	5	1		1	41
BETHEL	1	2	1	1		1				6
DILLINGHAM			1							1
FAIRBANKS		5	3	4	3	2	1			18
HAINES		1		1						2
JUNEAU	1		1	1						3
KENAI PEN		1	4	4				1		10
KETCHIKAN						1	1			2
KODIAK		1								1
MAT-SU			1	4	2					7
NOME		4	1							5
NORTH SLOPE		1	1							2
NW ARCTIC		1	2	3	2					8
PRINCE-WALES			1							1
SITKA			1		1					2
SE FAIRBANKS			1			1				2
VALDEZ-CORDV		1								1
WADE HAMPTON		3	3							6
WRANGELL-PBG			1		1					2
YUKON-KOY		5	1	1						7
NON-RESIDENT		1	1	1						3
TOTAL	2	36	36	29	13	10	3	1	1	131

TABLE 5.17B SUICIDES BY THE DECEDENT'S NATIVE REGIONAL CORPORATION AND AGE, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

N R C OF DECEDENT'S RESIDENCE	DECEDENT'S AGE GROUP									TOTAL
	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
AHTNA		1								1
ALEUT				1						1
ARCT SLOPE		1	1							2
BRNG STRT		4	1							5
BRSTL BAY			1							1
CALISTA	1	5	4	1		1				12
CHUGACH		1								1
COOK INLT		10	17	16	6	5	1	1	1	57
DOYON		10	5	5	3	3	1			27
KONIAG		1								1
NANA		1	2	3	2					8
SEALASKA	1	1	4	2	2	1	1			12
NON-RESIDENT		1	1	1						3
TOTAL	2	36	36	29	13	10	3	1	1	131

ACCIDENTS AND ADVERSE EFFECTS

Tables 5.18A through 5.21 show all accidental deaths for Alaska residents and non-residents for 1996. There were 309 resident accidental deaths occurring in Alaska; 19 resident accidental deaths occurring outside Alaska, and 42 non-resident accidental deaths occurring in Alaska. In these tables "OOS" refers to non-residents. ICD-9 codes for accidental deaths are shown in Appendix C, Table C.2.

TABLE 5.18A ACCIDENTS AND ADVERSE EFFECTS BY DECEDENT'S CENSUS AREA, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

CAUSE OF DEATH	CENSUS AREA OF DECEDENT'S RESIDENCE														
	ALE	ALW	ANC	AHS	BET	BBB	DEN	DIL	FBK	HNS	JUN	KPB	KET	KOD	LKP
RAILWAY															
MOTOR VEHICLE			30	1	2		1		6	1	2	7	2	4	2
WATER TRANS - DROWNING		1	2	1	2						2		1	1	2
WATER TRANS - OTHER														1	
NON-TRANSPORT - DROWNING		1	1		1			1	2		1	2		1	
AIR TRANSPORT		1	14		3				2		1		4		
MEDICAL COMPLICATIONS		1	2								1				
FALLS			7		3			1	1		2	3	1	1	
FIRE/BURNS			4		1				3		2	3			
ENVIRONMENT: COLD			2		1							1			
ENVIRONMENT: OTHER								1	3						
SUFFOCATION			4						2			1			
FIREARMS			1		1	1		1	1		2	1			
ACCIDENTAL POISONING - DRUGS			15	1					3		1	5	1		
ACCIDENTAL POISONING - OTHER	1		6		2				2						
ALL OTHER ACCIDENTS			5		2						2				1
TOTAL	1	4	93	3	18	1	1	4	25	1	16	23	9	8	5

TABLE 5.18A (CONTINUED)

CAUSE OF DEATH	CENSUS AREA OF DECEDENT'S RESIDENCE												TOTAL	
	MSB	NOM	NSB	NAB	POW	SIT	SEF	VAL	WAH	WRP	YUK	OOS		
RAILWAY													1	1
MOTOR VEHICLE	20	5	2	2	1	1	2	7				6	6	110
WATER TRANS - DROWNING			1	1		2	1	1	2			1	7	28
WATER TRANS - OTHER													5	6
NON-TRANSPORT - DROWNING	1			1		1		1	1	1	2	3	3	24
AIR TRANSPORT	4							4	1				6	40
MEDICAL COMPLICATIONS							1							5
FALLS	2				1					2	1	1	2	28
FIRE/BURNS	3	3	1				1							21
ENVIRONMENT: COLD	1	1	1	1				1		1		1		11
ENVIRONMENT: OTHER			1									1	7	13
SUFFOCATION	2			1							2			12
FIREARMS								1					1	10
ACCIDENTAL POISONING - DRUGS	1	1					1							29
ACCIDENTAL POISONING - OTHER	1			1								1		14
ALL OTHER ACCIDENTS	1			1							2		4	18
TOTAL	36	12	7	6	4	5	4	14	7	7	14	42	370	

TABLE 5.18B ACCIDENTS AND ADVERSE EFFECTS BY NATIVE REGIONAL CORPORATION, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

CAUSE OF DEATH	NATIVE REGIONAL CORP OF DECEDENT'S RESIDENCE													TOTAL
	AHT	ALE	ARC	BER	BRI	CAL	CHU	COO	DOY	KON	NAN	SEA	OOS	
RAILWAY													1	1
MOTOR VEHICLE	4		2	5	2	2	3	57	15	4	2	8	6	110
WATER TRANS - DROWNING		1	1	1	2	4	1	2	1	1		7	7	28
WATER TRANS - OTHER										1			5	6
NON-TRANSPORT - DROWNING	1	1	1		1	2		4	6	1		4	3	24
AIR TRANSPORT	2	1				4	2	18	2			5	6	40
MEDICAL COMPLICATIONS		1						2				2		5
FALLS					1	5		12	2	1	1	4	2	28
FIRE/BURNS			1	3		1		10	3			3		21
ENVIRONMENT: COLD			1	1		2		4	2		1			11
ENVIRONMENT: OTHER				1	1				4				7	13
SUFFOCATION			1					7	2			2		12
FIREARMS					2	1	1	2	1			2	1	10
ACCIDENTAL POISONING - DRUGS				1				21	3			4		29
ACCIDENTAL POISONING - OTHER		1				2		7	3		1			14
ALL OTHER ACCIDENTS					1	2		6			1	4	4	18
TOTAL	7	5	7	12	10	25	7	152	44	8	6	45	42	370

TABLE 5.19A ACCIDENTS AND ADVERSE EFFECTS BY CENSUS AREA, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

CAUSE OF DEATH	CENSUS AREA OF OCCURRENCE														
	ALE	ALW	ANC	AHS	BET	BBB	DEN	DIL	FBK	HNS	JUN	KPB	KET	KOD	LKP
RAILWAY				1											
MOTOR VEHICLE			24	1	4				8	1	2	10	1	1	1
WATER TRANS - DROWNING	1	1		1	2	2						2	4	1	1
WATER TRANS - OTHER											5			1	
NON-TRANSPORT - DROWNING		2	2		2			1	3		2	1		3	
AIR TRANSPORT		1	7	1	2								7		2
MEDICAL COMPLICATIONS			3												
FALLS			15		1				1		2	4	2		
FIRE/BURNS			2		1				3		2	3			
ENVIRONMENT: COLD			2		1							1			
ENVIRONMENT: OTHER							4	1	1						
SUFFOCATION			4						2			1			
FIREARMS			2		1	1		1	1		2				
ACCIDENTAL POISONING - DRUGS			15						3		1	4	1		
ACCIDENTAL POISONING - OTHER			7		2				2						
ALL OTHER ACCIDENTS	1		7		1		2				2				
TOTAL	2	4	90	4	17	3	6	3	24	1	18	26	15	6	4

Continued ➞

TABLE 5.19A (CONTINUED)

CAUSE OF DEATH	CENSUS AREA OF OCCURRENCE													TOTAL
	MSB	NOM	NSB	NAB	POW	SIT	SEF	VAL	WAH	WRP	YAK	YUK	OOS	
RAILWAY														1
MOTOR VEHICLE	19	5	2	3	1		2	10			1	7	7	110
WATER TRANS - DROWNING	2	1	1		2	1		3	2			1		28
WATER TRANS - OTHER														6
NON-TRANSPORT - DROWNING	1				2		1	2	1	1				24
AIR TRANSPORT	2	1	2					4	6		1	1	3	40
MEDICAL COMPLICATIONS													2	5
FALLS	1							1	1					28
FIRE/BURNS	3	3	1			1							2	21
ENVIRONMENT: COLD	1	1	1	1			1		1			1		11
ENVIRONMENT: OTHER		1		1			3	1				1		13
SUFFOCATION	2		1							2				12
FIREARMS						1						1		10
ACCIDENTAL POISONING - DRUGS	1					1							3	29
ACCIDENTAL POISONING - OTHER	1			1								1		14
ALL OTHER ACCIDENTS				1						2			2	18
TOTAL	33	12	8	7	5	4	7	21	11	5	2	13	19	370

TABLE 5.19B ACCIDENTS AND ADVERSE EFFECTS BY NATIVE REGIONAL CORPORATION OF OCCURRENCE, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

CAUSE OF DEATH	NATIVE REGIONAL CORP OF OCCURRENCE													TOTAL
	AHT	ALE	ARC	BER	BRI	CAL	CHU	COO	DOY	KON	NAN	SEA	OOS	
RAILWAY												1		1
MOTOR VEHICLE	8		2	5	1	4	5	50	17	1	3	7	7	110
WATER TRANS - DROWNING	2	2	1	1	3	4	1	4	1	1		8		28
WATER TRANS - OTHER										1		5		6
NON-TRANSPORT - DROWNING	2	2			1	3		4	4	3		5		24
AIR TRANSPORT	4	1	2	1	2	8		9	1			9	3	40
MEDICAL COMPLICATIONS								3					2	5
FALLS	1					2		20	1			4		28
FIRE/BURNS			1	3		1		8	3			3	2	21
ENVIRONMENT: COLD			1	1		2		4	2		1			11
ENVIRONMENT: OTHER				1	1		1		9		1			13
SUFFOCATION			1					7	2			2		12
FIREARMS					2	1		2	2			3		10
ACCIDENTAL POISONING - DRUGS								20	3			3	3	29
ACCIDENTAL POISONING - OTHER						2		8	3		1			14
ALL OTHER ACCIDENTS		1				1		7	2		1	4	2	18
TOTAL	17	6	8	12	10	28	7	146	50	6	7	54	19	370

TABLE 5.20 ACCIDENTS AND ADVERSE EFFECTS BY DECEDENT'S AGE, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

CAUSE OF DEATH	DECEDENT'S AGE GROUP									TOTAL	
	<5	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74		85+
RAILWAY									1		1
MOTOR VEHICLE	5	2	4	27	21	24	12	5	10		110
WATER TRANS - DROWNING			1	3	12	7	1	2	1	1	28
WATER TRANS - OTHER				3	1	1	1				6
NON-TRANSPORT - DROWNING	3		1	6	4	4	4	1	1		24
AIR TRANSPORT				2	4	13	12	5	4		40
MEDICAL COMPLICATIONS	2								3		5
FALLS			1	4	3	2	1		12	5	28
FIRE/BURNS	2	1		1	3	6	3	3	2		21
ENVIRONMENT: COLD				4		2	2	2	1		11
ENVIRONMENT: OTHER	2			3	6	1			1		13
SUFFOCATION	6		2	1	2			1			12
FIREARMS				5	1	3		1			10
ACCIDENTAL POISONING - DRUGS				1	12	9	5	2			29
ACCIDENTAL POISONING - OTHER				3	2	2	2	5			14
ALL OTHER ACCIDENTS		1		2	5	4	2	1	2	1	18
TOTAL	20	4	9	65	76	78	45	28	38	7	370

TABLE 5.21 ACCIDENTS AND ADVERSE EFFECTS BY RACE AND SEX, RESIDENTS AND NON-RESIDENTS, ALASKA, 1996

CAUSE OF DEATH	DECEDENT'S RACE AND SEX						TOTAL
	WHITE	NATIVE	BLACK	AS/PI	MALE	FEMALE	
RAILWAY	1				1		1
MOTOR VEHICLE	77	31	1	1	78	32	110
WATER TRANS - DROWNING	17	10		1	26	2	28
WATER TRANS - OTHER		1	1	4	6		6
NON-TRANSPORT - DROWNING	14	10			20	4	24
AIR TRANSPORT	38	1	1		37	3	40
MEDICAL COMPLICATIONS	5				4	1	5
FALLS	18	10			17	11	28
FIRE/BURNS	16	4	1		16	5	21
ENVIRONMENT: COLD	3	8			9	2	11
ENVIRONMENT: OTHER	10	3			13		13
SUFFOCATION	6	6			10	2	12
FIREARMS	6	4			10		10
ACCIDENTAL POISONING - DRUGS	19	5	4	1	22	7	29
ACCIDENTAL POISONING - OTHER	4	10			8	6	14
ALL OTHER ACCIDENTS	15	3			17	1	18
TOTAL	249	106	8	7	294	76	370